

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071318\
 Data File : VW003923.D
 Acq On : 13 Jul 2018 18:54
 Operator : VA/AP
 Sample : VW0713SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0713SBS01

Manual Integrations
 APPROVED

apatel
 7/16/2018 10:43:45 AM

Quant Time: Jul 14 00:23:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 05:07:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	216045	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	338116	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	305912	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	164601	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	136848	48.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.88%	
35) Dibromofluoromethane	7.88	113	120790	51.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.08%	
50) Toluene-d8	10.33	98	478195	52.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.66%	
62) 4-Bromofluorobenzene	12.62	95	172135	52.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	20447	19.46	ug/l	99
3) Chloromethane	2.21	50	40436	20.27	ug/l	92
4) Vinyl Chloride	2.36	62	56399	21.44	ug/l	99
5) Bromomethane	2.78	94	34869	18.78	ug/l	93
6) Chloroethane	2.92	64	35132	22.27	ug/l	99
7) Trichlorofluoromethane	3.25	101	29210	27.48	ug/l	98
8) Diethyl Ether	3.67	74	23774	21.83	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	51262	24.80	ug/l	99
10) Methyl Iodide	4.26	142	71779	23.33	ug/l	99
11) Tert butyl alcohol	5.24	59	15513	101.32	ug/l #	81
12) 1,1-Dichloroethene	4.03	96	50340	24.80	ug/l	95
13) Acrolein	3.89	56	16618	72.46	ug/l	100
14) Allyl chloride	4.66	41	86595	24.54	ug/l	97
15) Acrylonitrile	5.37	53	56943	104.39	ug/l	99
16) Acetone	4.14	43	57542	117.39	ug/l	95
17) Carbon Disulfide	4.37	76	157764	23.71	ug/l	99
18) Methyl Acetate	4.68	43	28188	20.40	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	89133	21.25	ug/l	99
20) Methylene Chloride	4.91	84	71602	28.05	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	53885	22.43	ug/l	97
22) Diisopropyl ether	6.31	45	171872	22.16	ug/l	98
23) Vinyl Acetate	6.26	43	494776	104.48	ug/l	100
24) 1,1-Dichloroethane	6.21	63	102418	21.83	ug/l	100
25) 2-Butanone	7.18	43	78879	102.74	ug/l	99
26) 2,2-Dichloropropane	7.17	77	63876	25.10	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	57153	21.51	ug/l	97
28) Bromochloromethane	7.51	49	42603	20.38	ug/l	99
29) Tetrahydrofuran	7.54	42	48071	97.40	ug/l	98
30) Chloroform	7.68	83	103443	21.61	ug/l	97
31) Cyclohexane	7.95	56	94861	23.01	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	82131	22.55	ug/l	100
36) 1,1-Dichloropropene	8.08	75	84113	23.45	ug/l	100
37) Ethyl Acetate	7.26	43	33995	19.47	ug/l	98
38) Carbon Tetrachloride	8.07	117	78380	22.98	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	94676	24.10	ug/l	98
40) Benzene	8.32	78	230460	22.47	ug/l	100
41) Methacrylonitrile	7.49	41	21041	20.95	ug/l	92
42) 1,2-Dichloroethane	8.40	62	70144	21.13	ug/l	99
43) Isopropyl Acetate	8.43	43	65782	19.88	ug/l	99
44) Trichloroethene	9.09	130	57926	22.40	ug/l	96
45) 1,2-Dichloropropane	9.37	63	57696	21.63	ug/l	99
46) Dibromomethane	9.46	93	28752	20.50	ug/l	99
47) Bromodichloromethane	9.65	83	72246	20.94	ug/l	99
48) Methyl methacrylate	9.44	41	31408	19.93	ug/l	99
49) 1,4-Dioxane	9.48	88	8201	391.32	ug/l #	95
51) 4-Methyl-2-Pentanone	10.21	43	172308	100.65	ug/l	99
52) Toluene	10.39	92	146639	23.06	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	74184	21.54	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	86300	22.20	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	40279	20.68	ug/l	95
56) Ethyl methacrylate	10.65	69	48361	20.35	ug/l	97
57) 1,3-Dichloropropane	10.93	76	71624	21.10	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	104797	92.51	ug/l	99
59) 2-Hexanone	10.98	43	116840	99.39	ug/l	100
60) Dibromochloromethane	11.13	129	46395	20.41	ug/l	99
61) 1,2-Dibromoethane	11.24	107	38584	20.72	ug/l	98
64) Tetrachloroethene	10.87	164	50354	22.25	ug/l	96
65) Chlorobenzene	11.66	112	152762	22.65	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	51431	21.82	ug/l	99
67) Ethyl Benzene	11.74	91	268439	23.28	ug/l	99
68) m/p-Xylenes	11.85	106	209908	47.54	ug/l	99
69) o-Xylene	12.17	106	96227	23.62	ug/l	100
70) Styrene	12.19	104	159530	23.02	ug/l	99
71) Bromoform	12.35	173	27177	20.90	ug/l #	100
73) Isopropylbenzene	12.47	105	269512	24.18	ug/l	100
74) N-amyl acetate	12.28	43	62873	20.81	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	47976	21.23	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	38820m	24.02	ug/l	
77) Bromobenzene	12.75	156	62555	22.60	ug/l	98
78) n-propylbenzene	12.81	91	340206	24.31	ug/l	100
79) 2-Chlorotoluene	12.90	91	187114	23.28	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	229423	23.88	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	14388	21.78	ug/l	99
82) 4-Chlorotoluene	12.99	91	205903	23.82	ug/l	99
83) tert-Butylbenzene	13.21	119	190940	24.10	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	235648	23.61	ug/l	99
85) sec-Butylbenzene	13.39	105	287636	24.27	ug/l	100
86) p-Isopropyltoluene	13.51	119	254821	24.60	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	128153	22.86	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	126764	22.48	ug/l	98
89) n-Butylbenzene	13.83	91	241987	23.75	ug/l	99
90) Hexachloroethane	14.10	117	45024	22.57	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	112219	22.24	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7822	20.00	ug/l	99

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MSVOA_W
ClientSampleId :
VW0713SBSD01

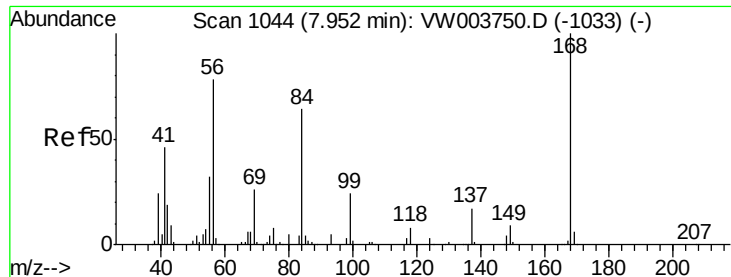
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Sat Jul 07 05:07:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	78891	23.10	ug/l	99
94) Hexachlorobutadiene	15.24	225	45837	23.46	ug/l	99
95) Naphthalene	15.38	128	132944	21.78	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	69184	22.62	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003923.D

Acq: 13 Jul 2018 18:54

Instrument :

MSVOA_W

ClientSampleId :

VW0713SBS01

Tot Ion:168 Resp: 216045

Ion Ratio Lower Upper

168 100

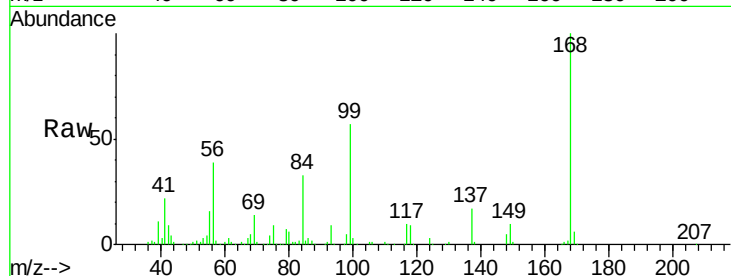
99 57.0 45.0 67.6

Manual Integrations

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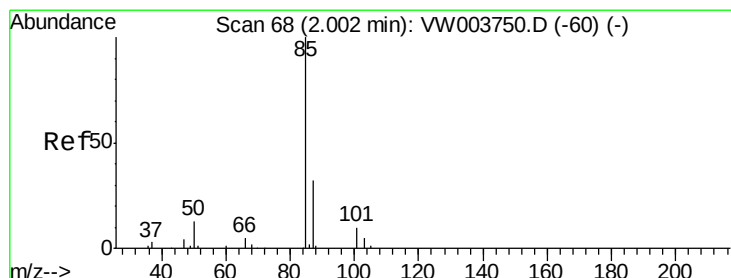
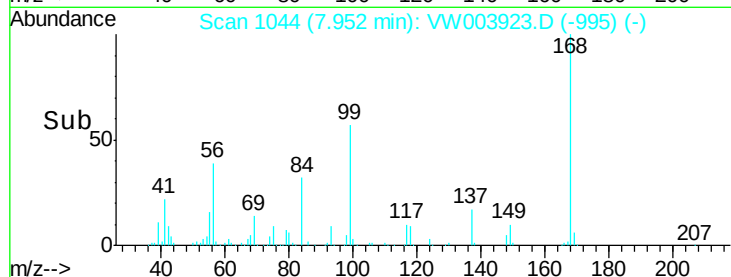
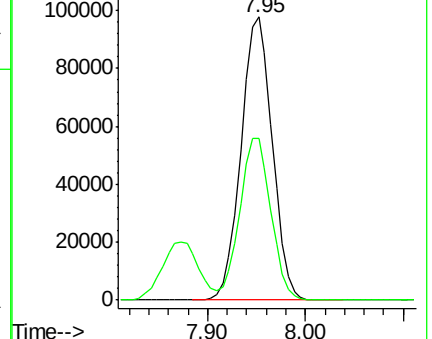
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 19.46 ug/l

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW003923.D

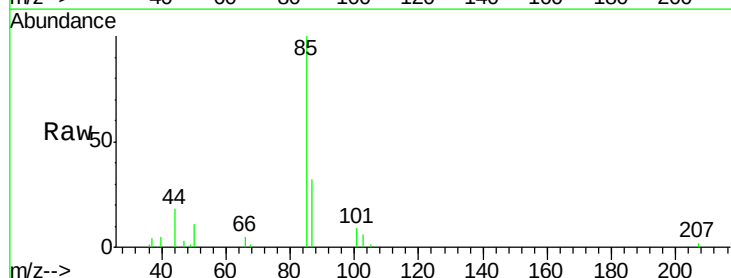
Acq: 13 Jul 2018 18:54

Tgt Ion: 85 Resp: 20447

Ion Ratio Lower Upper

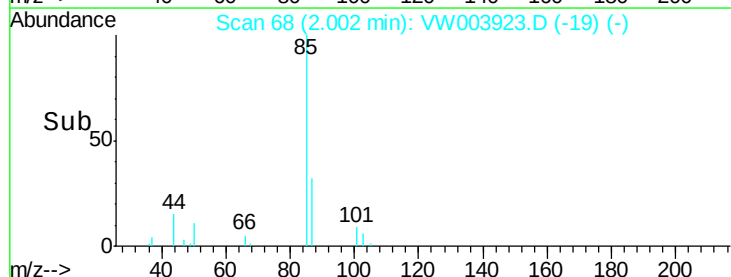
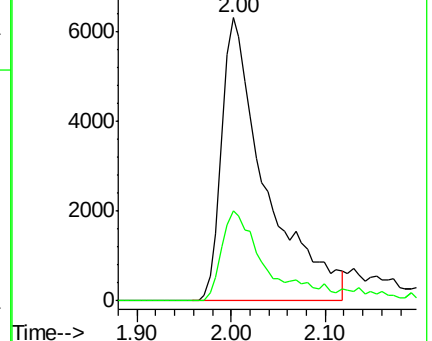
85 100

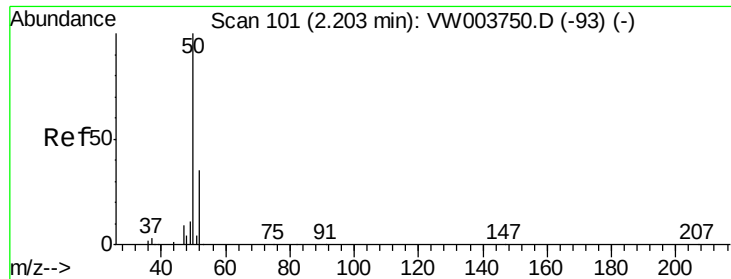
87 31.7 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 20.27 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.01 min

Lab File: VW003923.D

Acq: 13 Jul 2018 18:54

Instrument :

MSVOA_W

ClientSampleId :

VW0713SBSD01

Tot Ion: 50 Resp: 40436

Ion Ratio Lower Upper

50 100

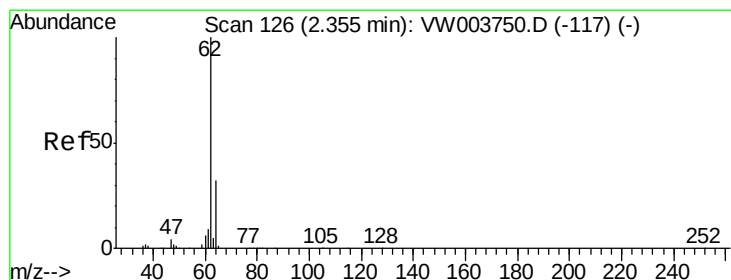
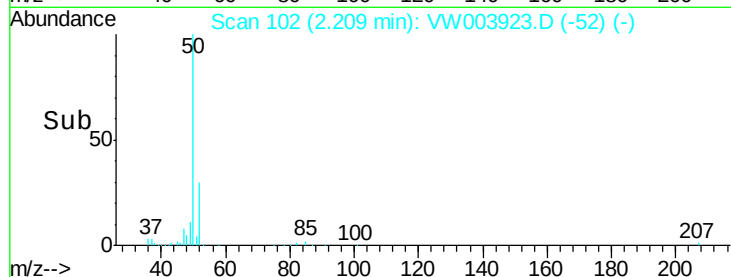
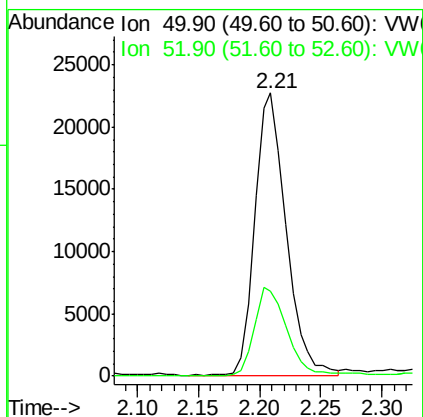
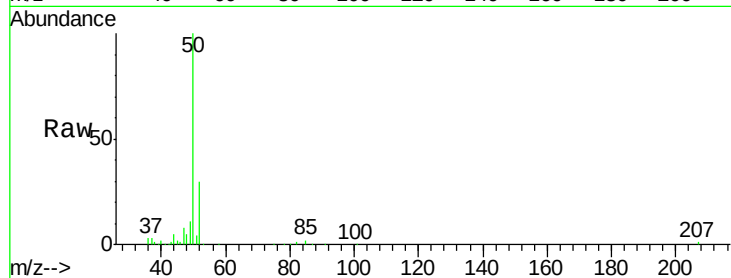
52 30.3 27.8 41.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 21.44 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW003923.D

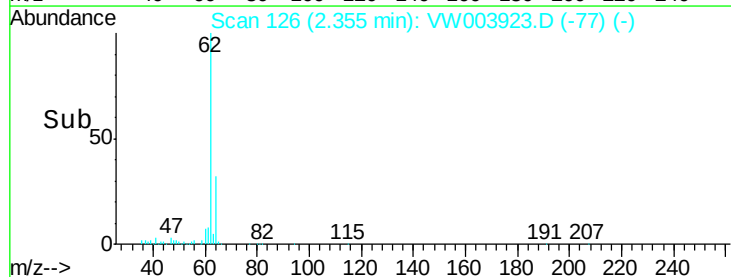
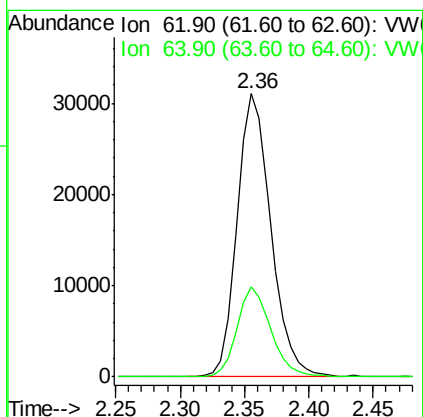
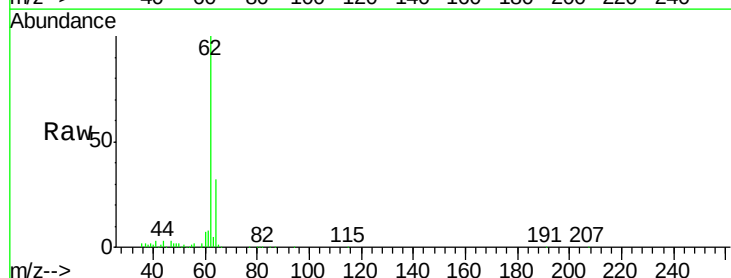
Acq: 13 Jul 2018 18:54

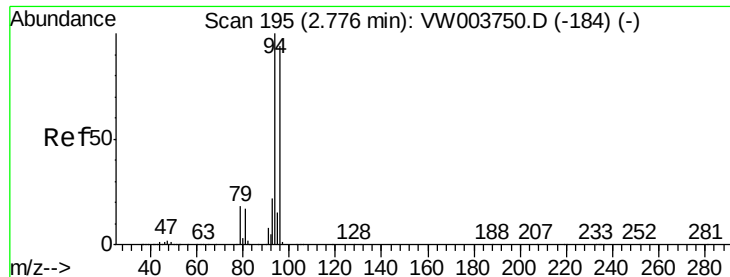
Tgt Ion: 62 Resp: 56399

Ion Ratio Lower Upper

62 100

64 31.6 25.8 38.8





#5

Bromomethane

Concen: 18.78 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.01 min

Lab File: VW003923.D

Acq: 13 Jul 2018 18:54

Instrument :

MSVOA_W

ClientSampleId :

VW0713SBSD01

Tot Ion: 94 Resp: 34869

Ion Ratio Lower Upper

94 100

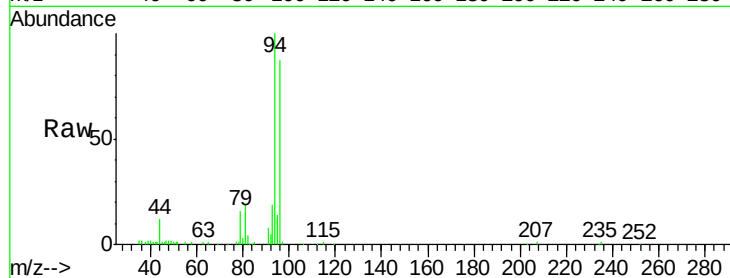
96 86.7 74.8 112.2

Manual Integrations

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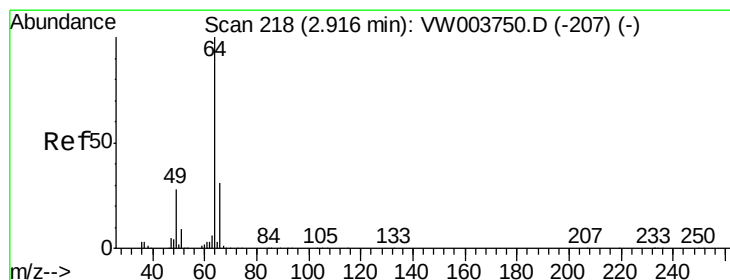
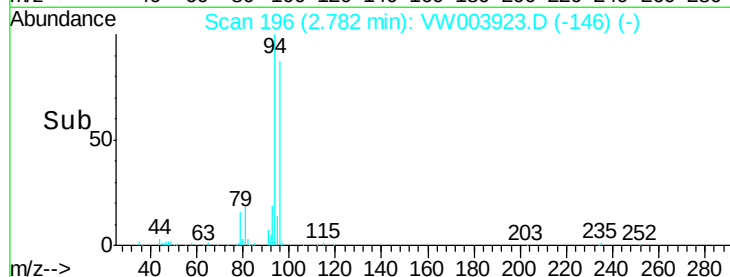
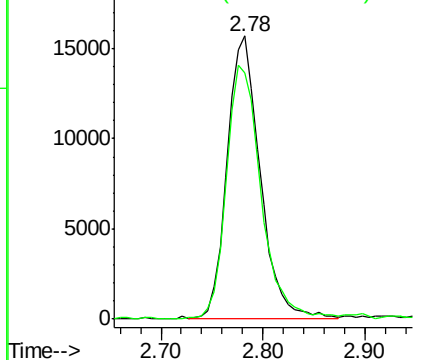
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Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 22.27 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.01 min

Lab File: VW003923.D

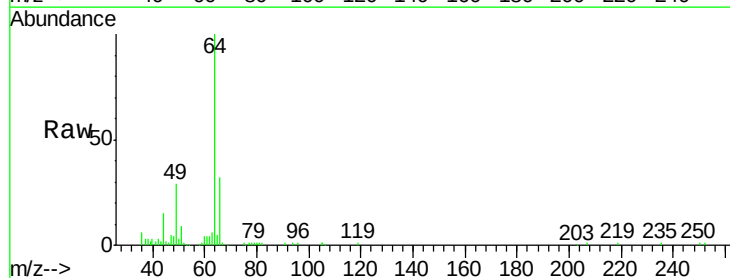
Acq: 13 Jul 2018 18:54

Tgt Ion: 64 Resp: 35132

Ion Ratio Lower Upper

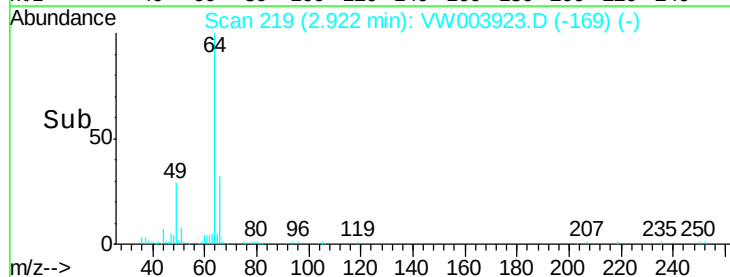
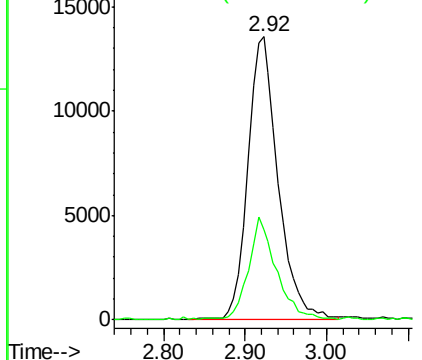
64 100

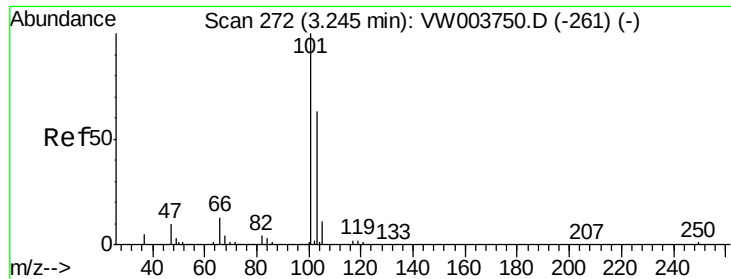
66 32.0 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW





#7

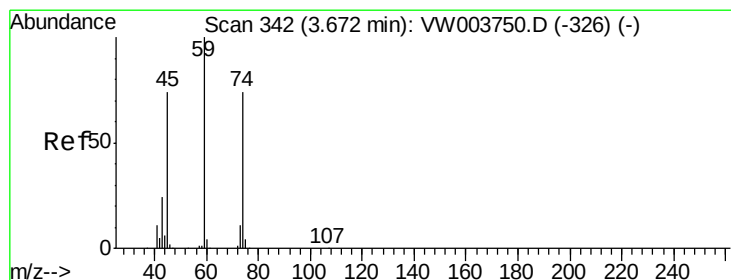
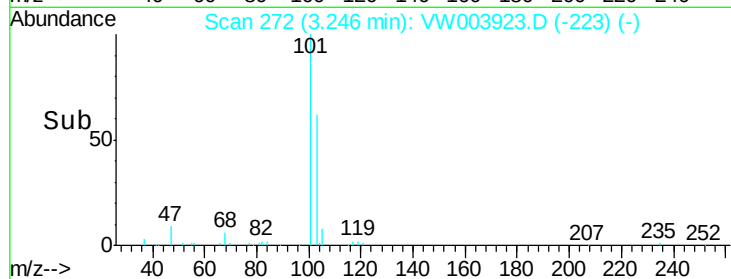
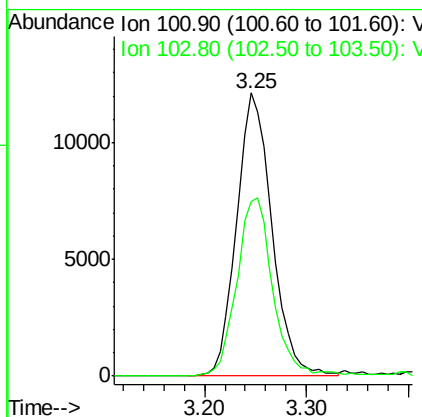
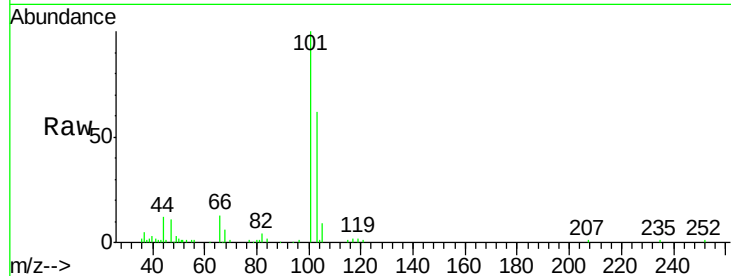
Trichlorofluoromethane
Concen: 27.48 ug/l
RT: 3.25 min Scan# 272
Delta R.T. 0.00 min
Lab File: VW003923.D
Acq: 13 Jul 2018 18:54

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ClientSampleId :
VW0713SBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	61.7	50.7	76.1

Manual Integrations
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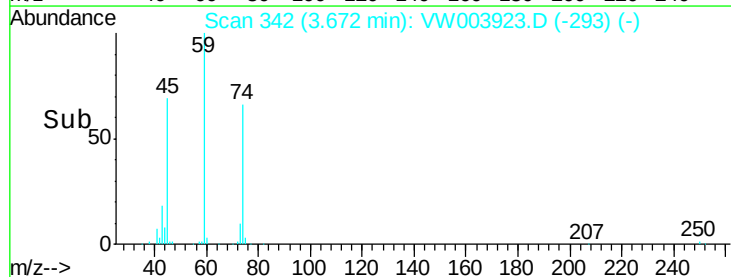
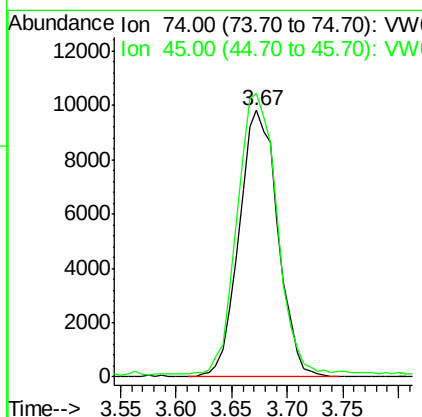
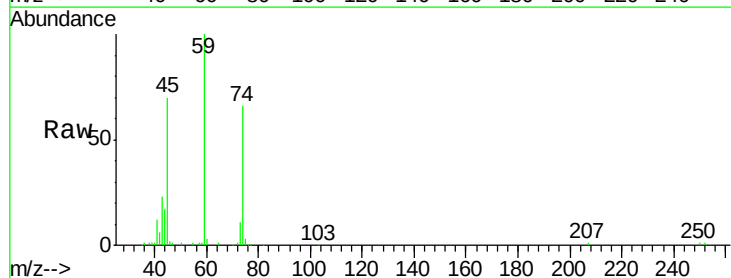
apatel
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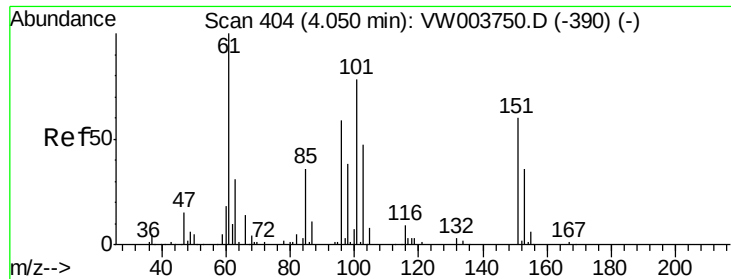


#8

Diethyl Ether
Concen: 21.83 ug/l
RT: 3.67 min Scan# 342
Delta R.T. 0.00 min
Lab File: VW003923.D
Acq: 13 Jul 2018 18:54

Tgt Ion	Ratio	Lower	Upper
74	100		
45	107.9	52.4	157.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 24.80 ug/l

RT: 4.06 min Scan# 405

Delta R.T. 0.01 min

Lab File: VW003923.D

Acq: 13 Jul 2018 18:54

Instrument :

MSVOA_W

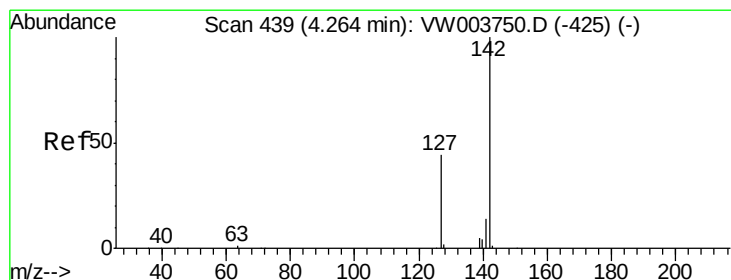
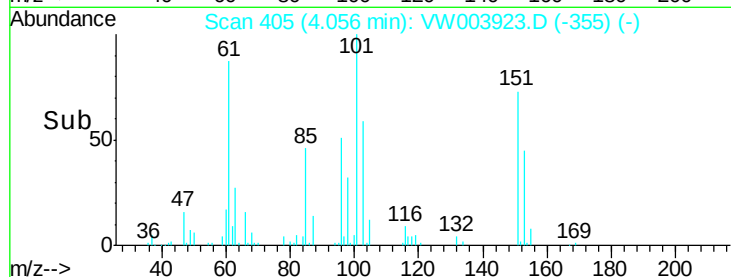
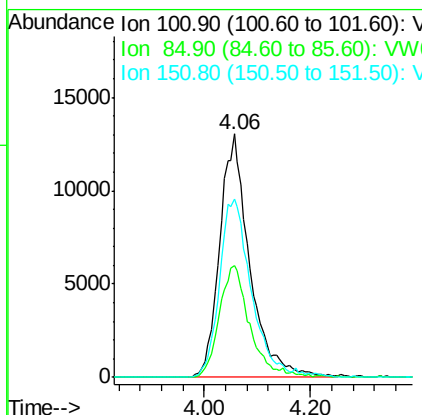
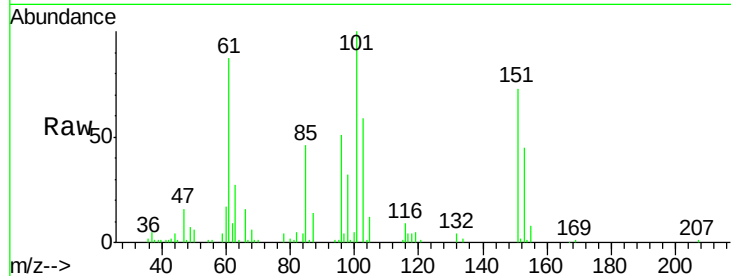
ClientSampleId :

VW0713SBSD01

Tot Ion:	101	Resp:	51262
Ion Ratio	Lower	Upper	
101	100		
85	46.4	37.1	55.7
151	76.8	62.3	93.5

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#10

Methyl Iodide

Concen: 23.33 ug/l

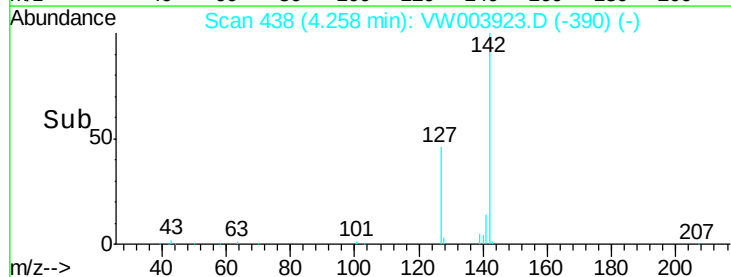
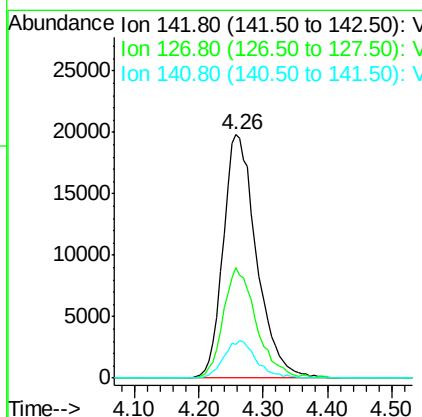
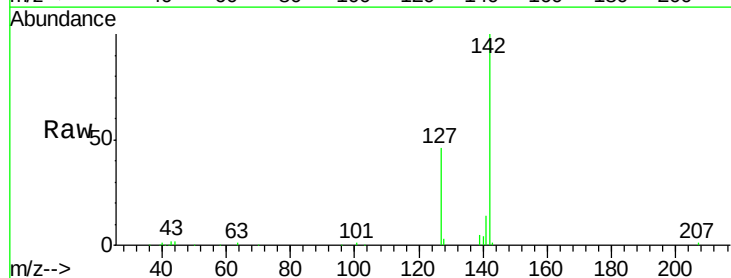
RT: 4.26 min Scan# 438

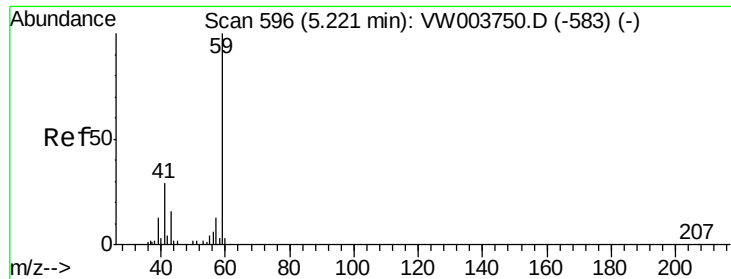
Delta R.T. -0.01 min

Lab File: VW003923.D

Acq: 13 Jul 2018 18:54

Tgt Ion:	142	Resp:	71779
Ion Ratio	Lower	Upper	
142	100		
127	44.8	36.1	54.1
141	15.0	11.6	17.4





#11

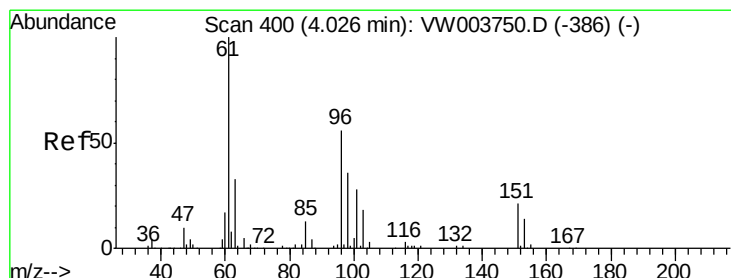
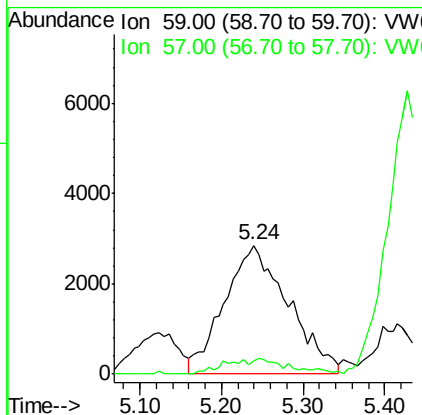
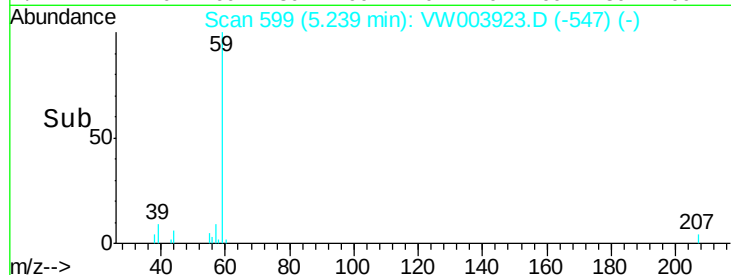
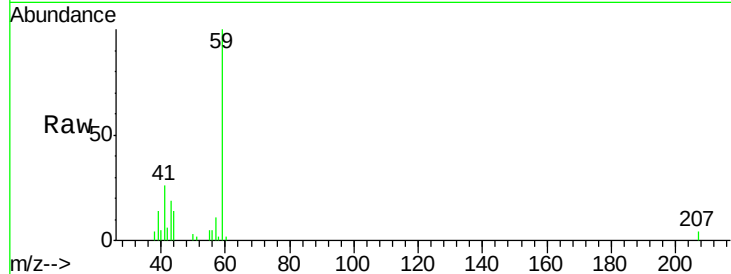
Tert butyl alcohol
Concen: 101.32 ug/l
RT: 5.24 min Scan# 599
Delta R.T. 0.02 min
Lab File: VW003923.D
Acq: 13 Jul 2018 18:54

Instrument :
MSVOA_W
ClientSampled :
VW0713SBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	4.4	9.3	13.9#

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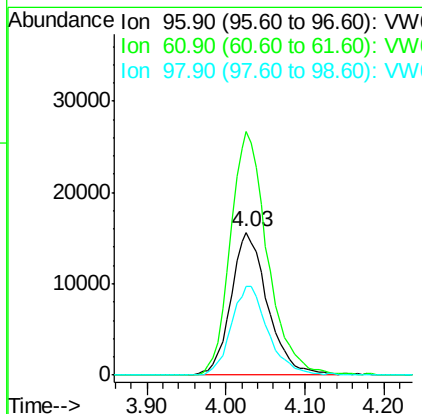
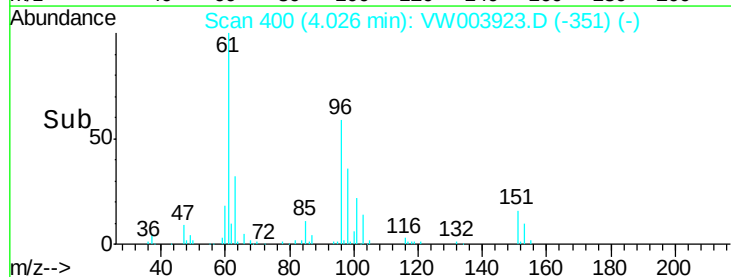
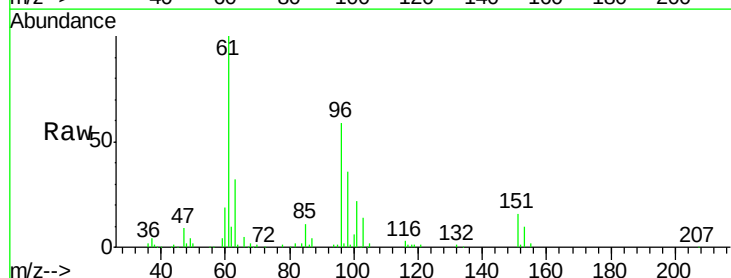
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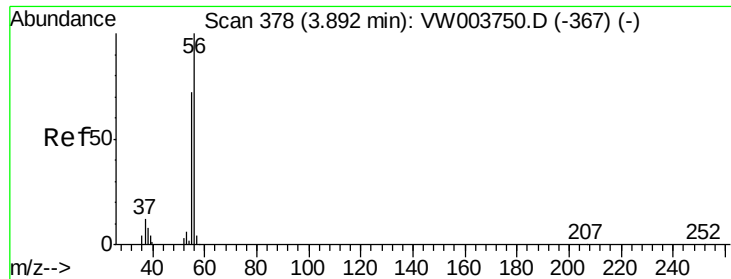


#12

1,1-Dichloroethene
Concen: 24.80 ug/l
RT: 4.03 min Scan# 400
Delta R.T. 0.00 min
Lab File: VW003923.D
Acq: 13 Jul 2018 18:54

Tgt Ion	Ratio	Lower	Upper
96	100		
61	170.4	143.2	214.8
98	61.8	51.4	77.0





#13

Acrolein

Concen: 72.46 ug/l

RT: 3.89 min Scan# 378

Delta R.T. 0.00 min

Lab File: VW003923.D

Acq: 13 Jul 2018 18:54

Instrument :

MSVOA_W

ClientSampleId :

VW0713SBSD01

Tot Ion: 56 Resp: 16618

Ion Ratio Lower Upper

56 100

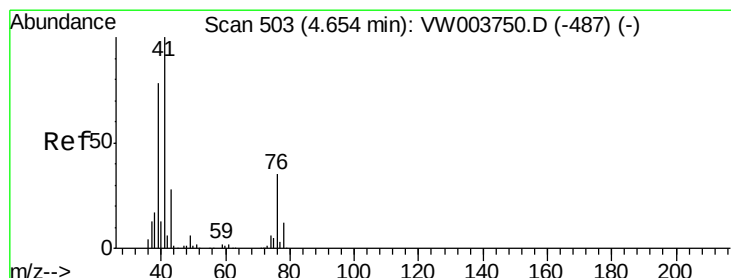
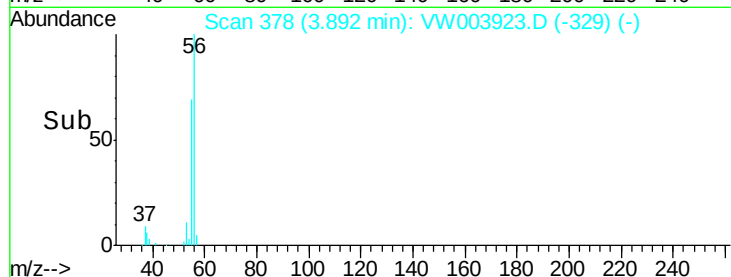
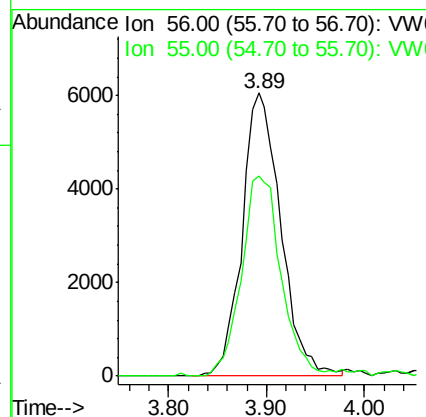
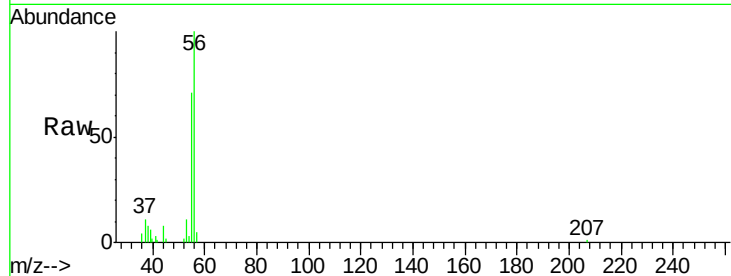
55 72.1 57.5 86.3

Manual Integrations

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#14

Allyl chloride

Concen: 24.54 ug/l

RT: 4.66 min Scan# 504

Delta R.T. 0.01 min

Lab File: VW003923.D

Acq: 13 Jul 2018 18:54

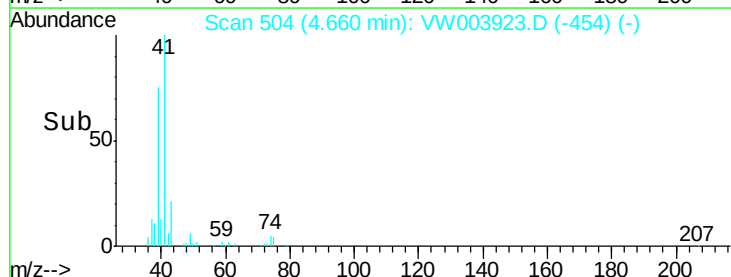
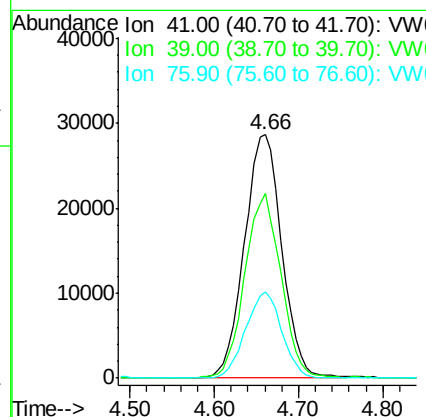
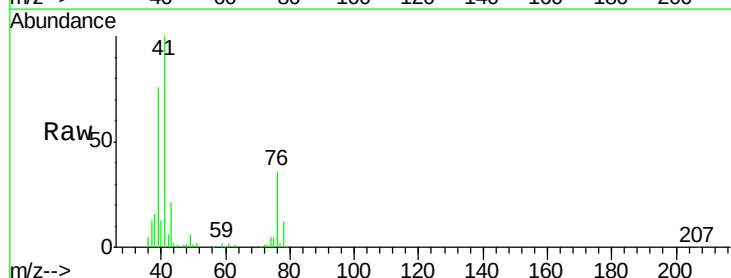
Tgt Ion: 41 Resp: 86595

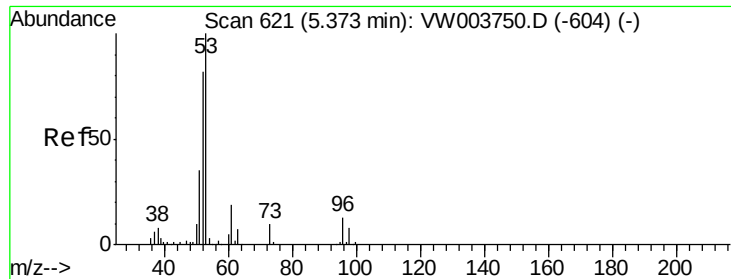
Ion Ratio Lower Upper

41 100

39 73.1 60.9 91.3

76 34.1 27.5 41.3





#15

Acrylonitrile

Concen: 104.39 ug/l

RT: 5.37 min Scan# 621

Delta R.T. 0.00 min

Lab File: VW003923.D

Acq: 13 Jul 2018 18:54

Instrument :

MSVOA_W

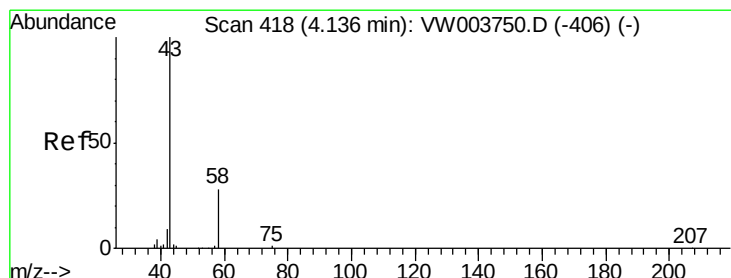
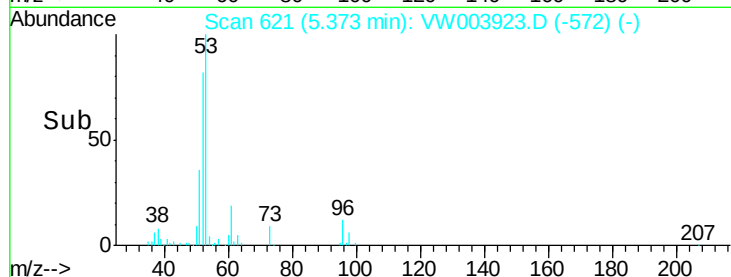
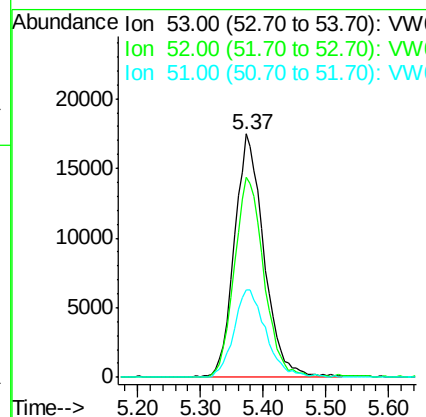
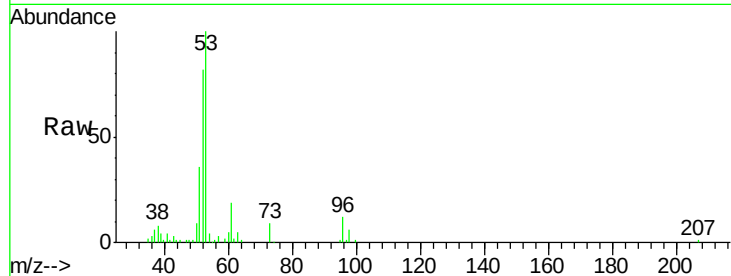
ClientSampleId :

VW0713SBS01

Tot Ion:	53	Resp:	56943
Ion Ratio	Lower	Upper	
53	100		
52	81.8	66.2	99.2
51	38.9	30.2	45.4

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#16

Acetone

Concen: 117.39 ug/l

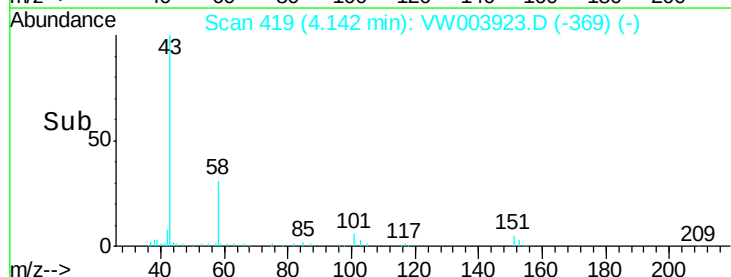
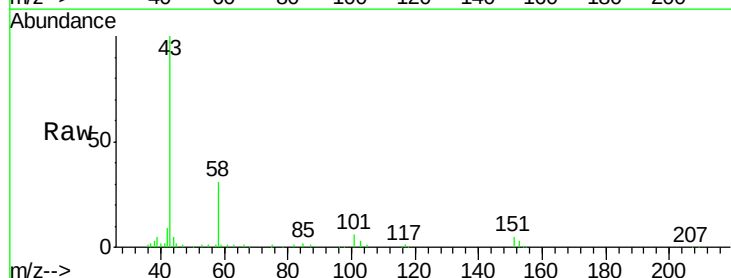
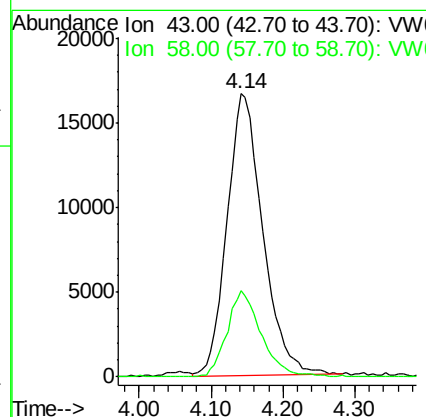
RT: 4.14 min Scan# 419

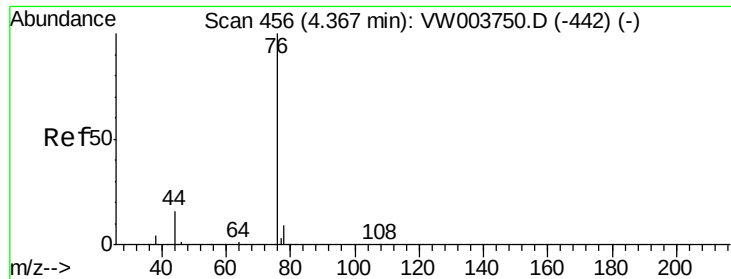
Delta R.T. 0.01 min

Lab File: VW003923.D

Acq: 13 Jul 2018 18:54

Tgt Ion:	43	Resp:	57542
Ion Ratio	Lower	Upper	
43	100		
58	31.0	22.6	34.0





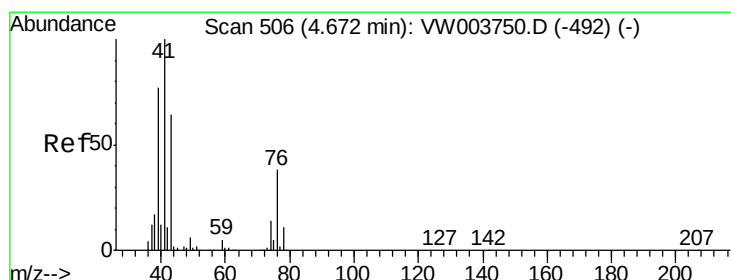
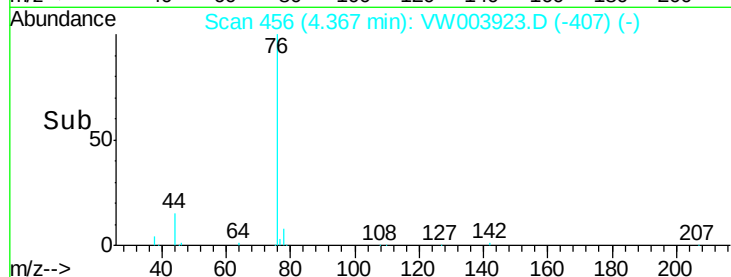
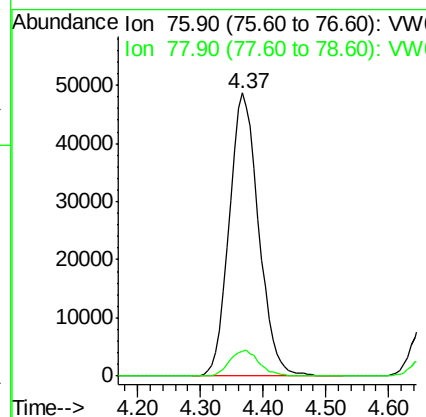
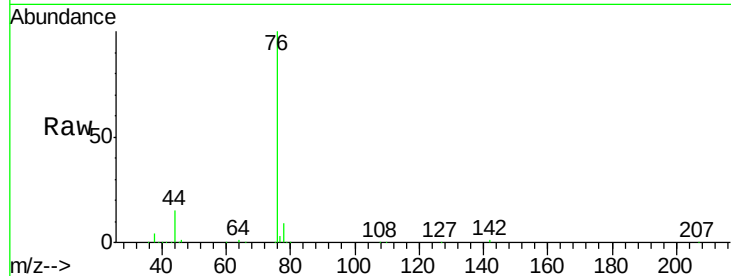
#17
Carbon Disulfide
Concen: 23.71 ug/l
RT: 4.37 min Scan# 456
Delta R.T. 0.00 min
Lab File: VW003923.D
Acq: 13 Jul 2018 18:54

Instrument :
MSVOA_W
ClientSampleId :
VW0713SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.4	11.2

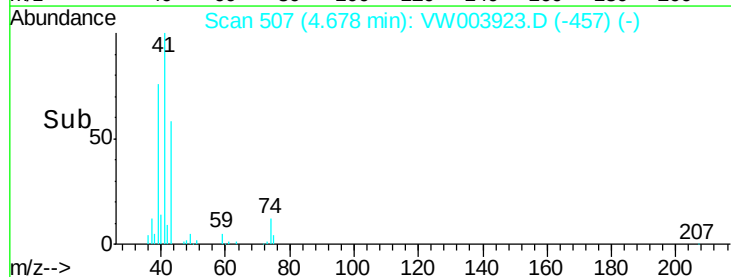
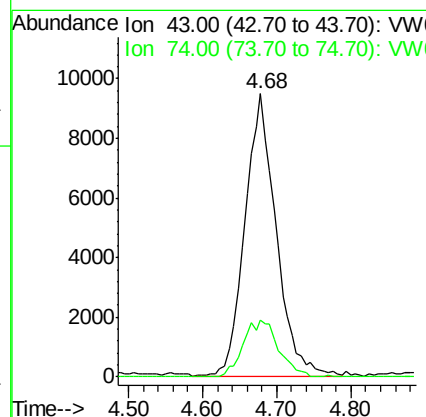
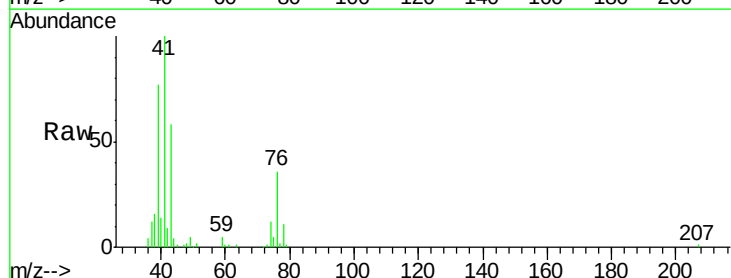
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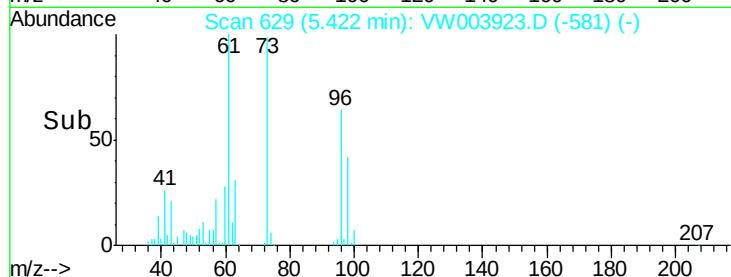
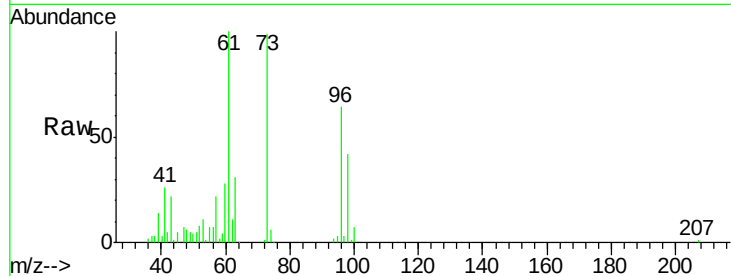
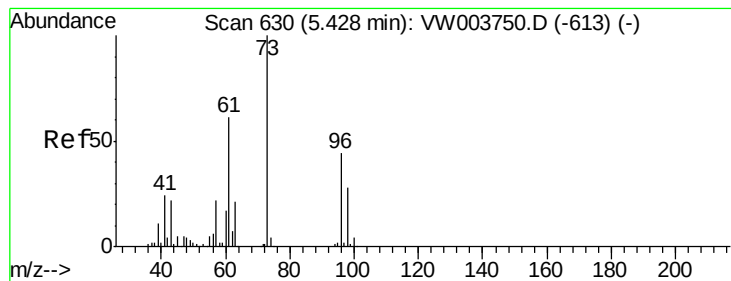
apatel
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#18
Methyl Acetate
Concen: 20.40 ug/l
RT: 4.68 min Scan# 507
Delta R.T. 0.01 min
Lab File: VW003923.D
Acq: 13 Jul 2018 18:54

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.3	17.3	25.9





#19

Methyl tert-butyl Ether

Concen: 21.25 ug/l

RT: 5.42 min Scan# 629

Delta R.T. -0.01 min

Lab File: VW003923.D

Acq: 13 Jul 2018 18:54

Tot Ion: 73 Resp: 89133

Ion Ratio Lower Upper

73 100

57 22.1 17.9 26.9

Instrument :

MSVOA_W

ClientSampleId :

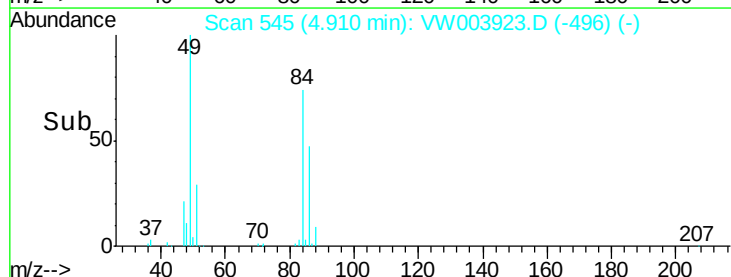
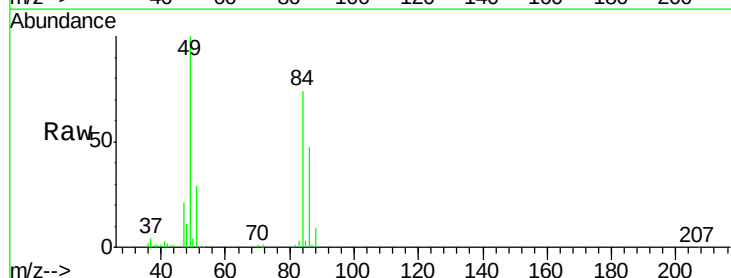
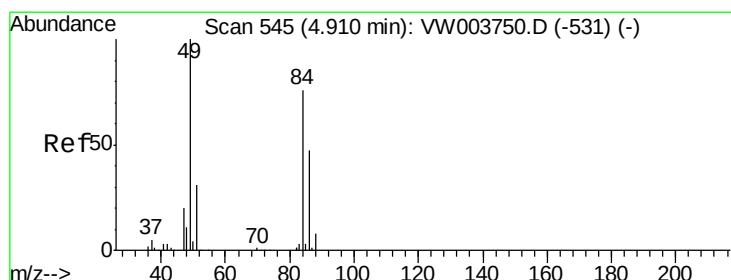
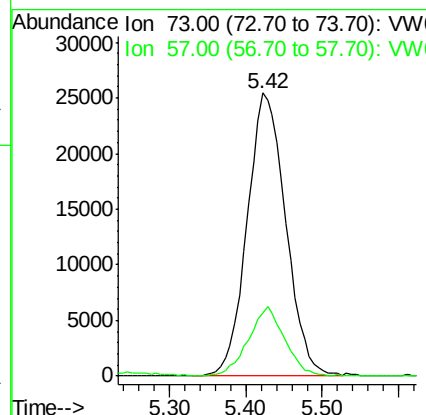
VW0713SBS01

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#20

Methylene Chloride

Concen: 28.05 ug/l

RT: 4.91 min Scan# 545

Delta R.T. 0.00 min

Lab File: VW003923.D

Acq: 13 Jul 2018 18:54

Tgt Ion: 84 Resp: 71602

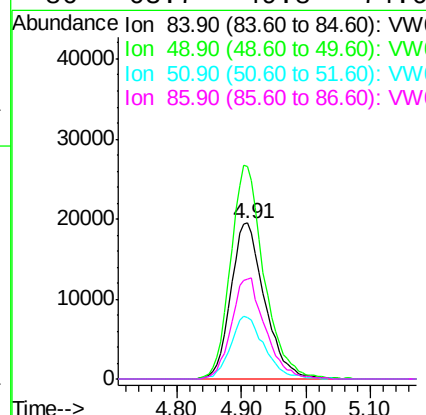
Ion Ratio Lower Upper

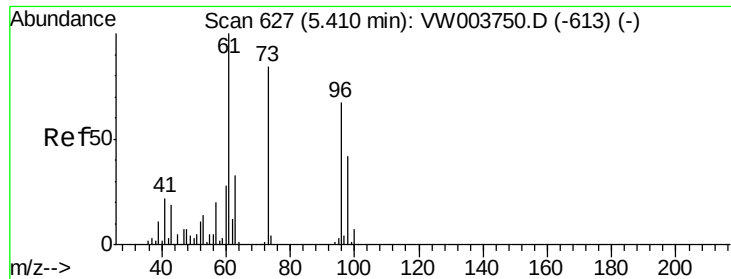
84 100

49 135.8 105.1 157.7

51 39.7 32.5 48.7

86 63.7 49.8 74.6





#21

trans-1,2-Dichloroethene

Concen: 22.43 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.01 min

Lab File: VW003923.D

Acq: 13 Jul 2018 18:54

Instrument :

MSVOA_W

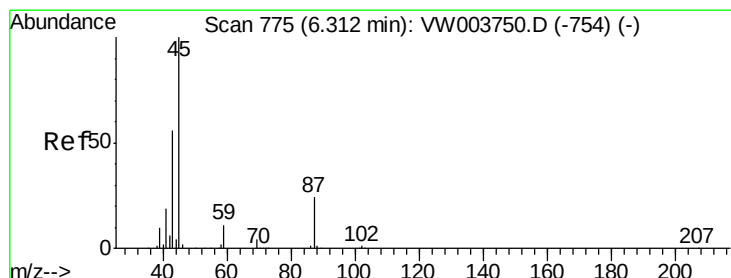
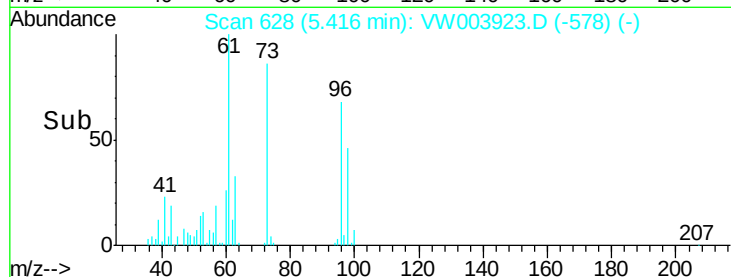
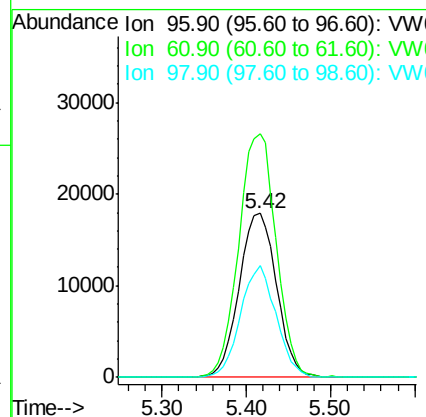
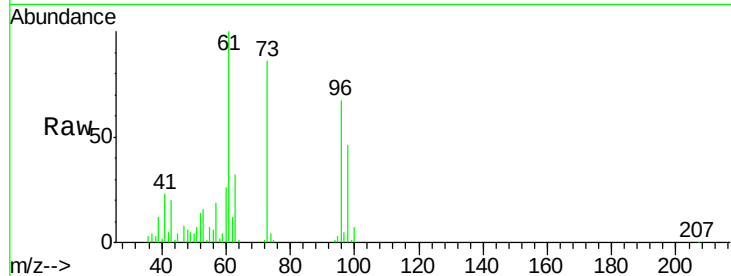
ClientSampled :

VW0713SBSD01

Tot Ion:	96	Resp:	53885
Ion	Ratio	Lower	Upper
96	100		
61	148.5	119.0	178.6
98	68.5	49.8	74.8

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#22

Diisopropyl ether

Concen: 22.16 ug/l

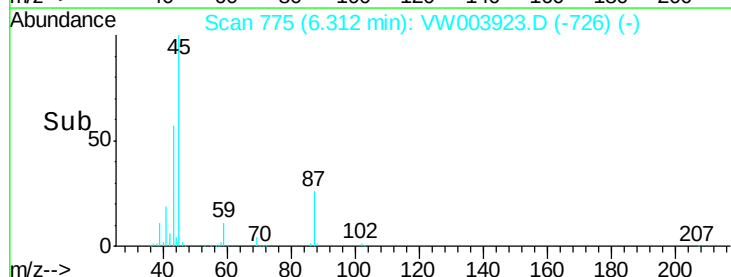
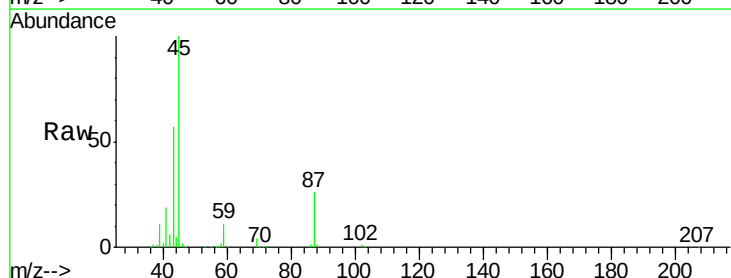
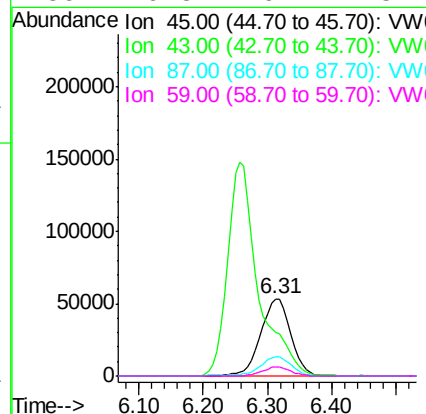
RT: 6.31 min Scan# 775

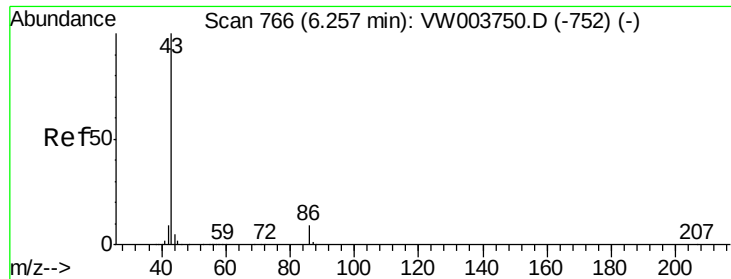
Delta R.T. 0.00 min

Lab File: VW003923.D

Acq: 13 Jul 2018 18:54

Tgt Ion:	45	Resp:	171872
Ion	Ratio	Lower	Upper
45	100		
43	57.1	44.5	66.7
87	25.5	19.6	29.4
59	10.8	9.1	13.7





#23

Vinyl Acetate

Concen: 104.48 ug/l

RT: 6.26 min Scan# 766

Delta R.T. 0.00 min

Lab File: VW003923.D

Acq: 13 Jul 2018 18:54

Instrument :

MSVOA_W

ClientSampleId :

VW0713SBS01

Tot Ion: 43 Resp: 494776

Ion Ratio Lower Upper

43 100

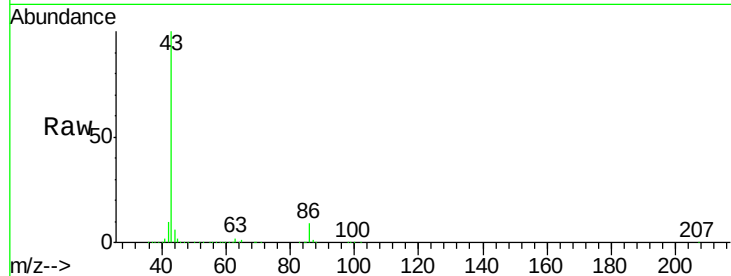
86 9.3 7.3 10.9

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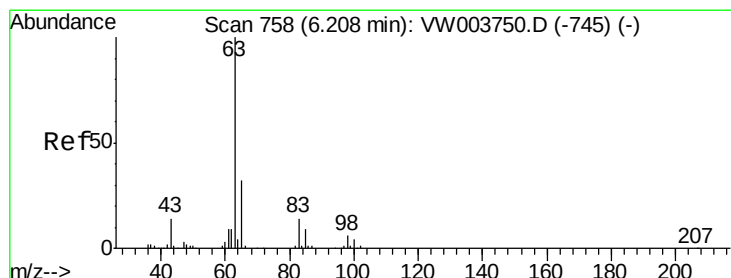
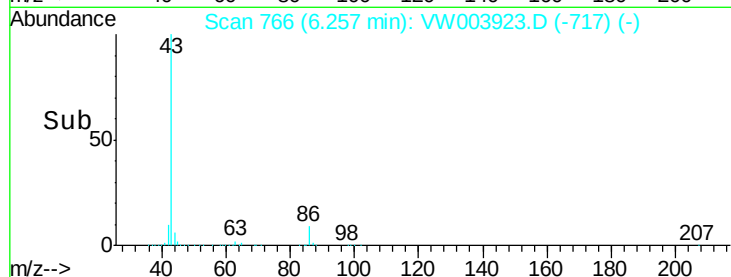
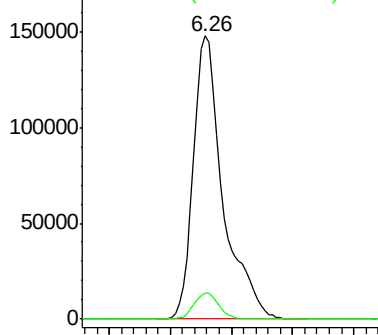
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 21.83 ug/l

RT: 6.21 min Scan# 759

Delta R.T. 0.01 min

Lab File: VW003923.D

Acq: 13 Jul 2018 18:54

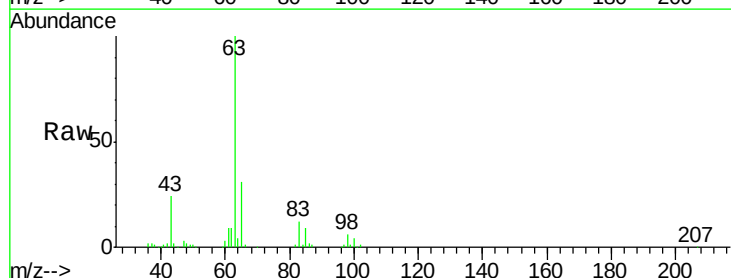
Tgt Ion: 63 Resp: 102418

Ion Ratio Lower Upper

63 100

98 6.2 3.2 9.6

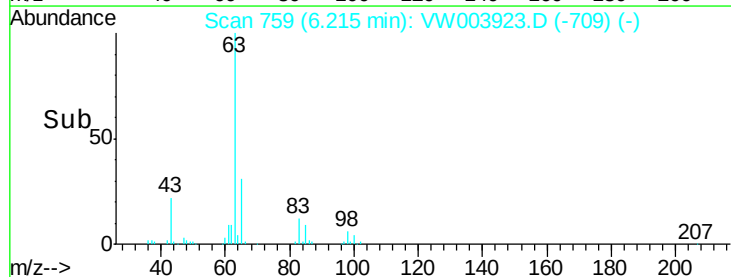
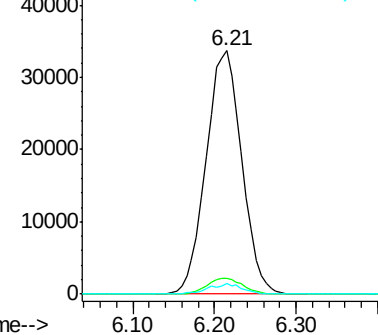
100 4.1 2.1 6.2

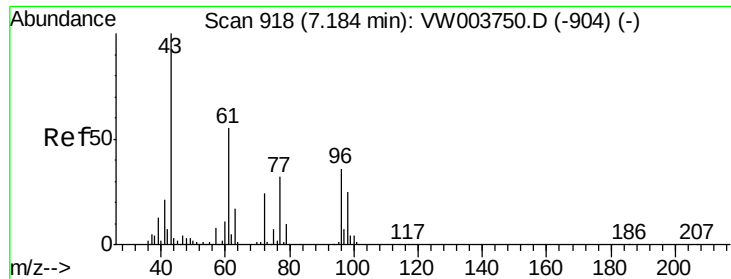


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 102.74 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.00 min

Lab File: VW003923.D

Acq: 13 Jul 2018 18:54

Instrument :

MSVOA_W

ClientSampleId :

VW0713SBS01

Tot Ion: 43 Resp: 78879

Ion Ratio Lower Upper

43 100

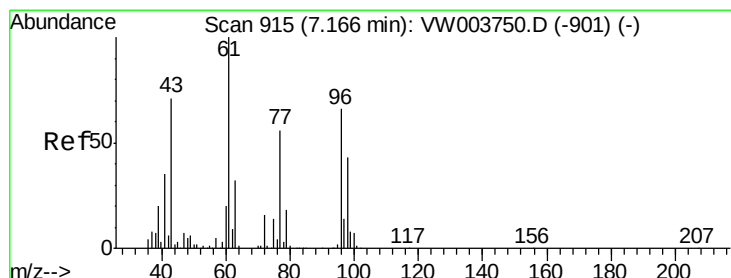
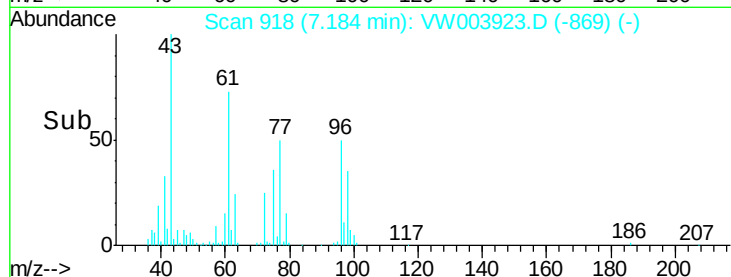
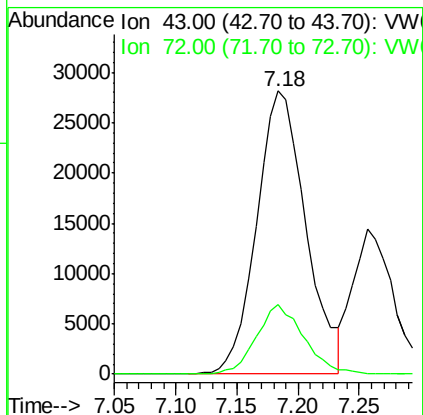
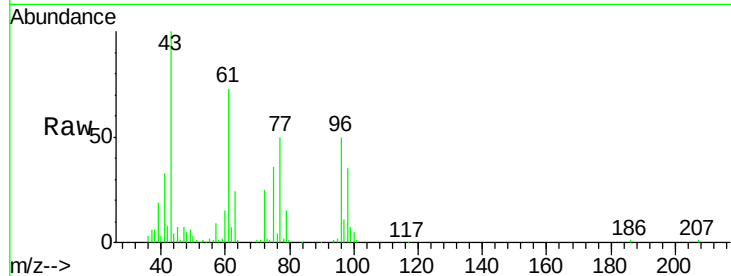
72 24.6 19.4 29.2

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#26

2,2-Dichloropropane

Concen: 25.10 ug/l

RT: 7.17 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW003923.D

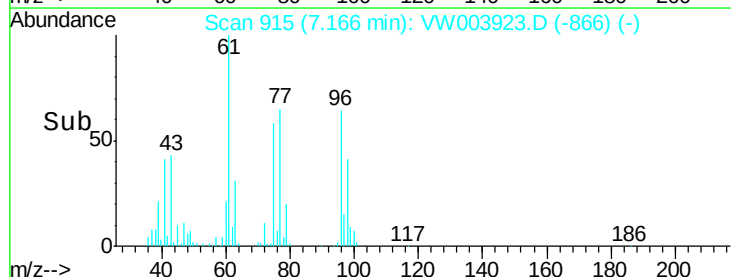
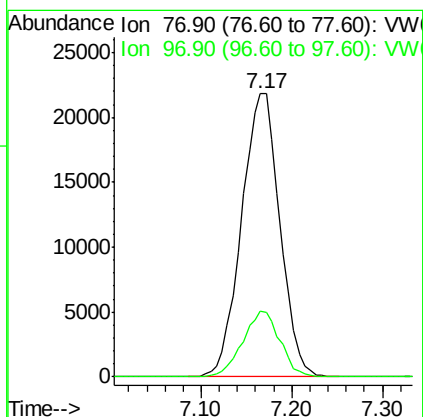
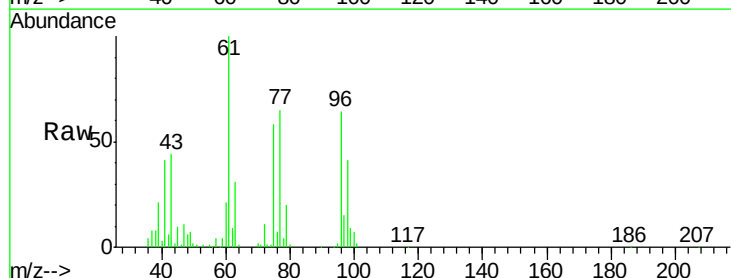
Acq: 13 Jul 2018 18:54

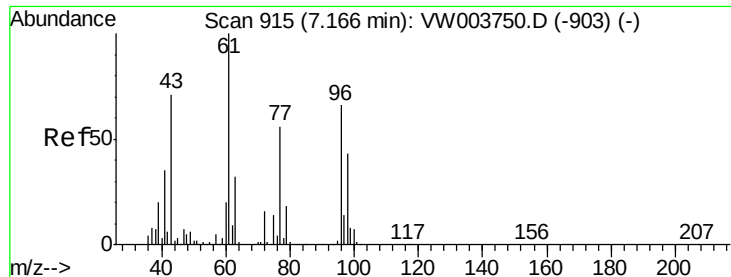
Tgt Ion: 77 Resp: 63876

Ion Ratio Lower Upper

77 100

97 22.4 11.5 34.5





#27

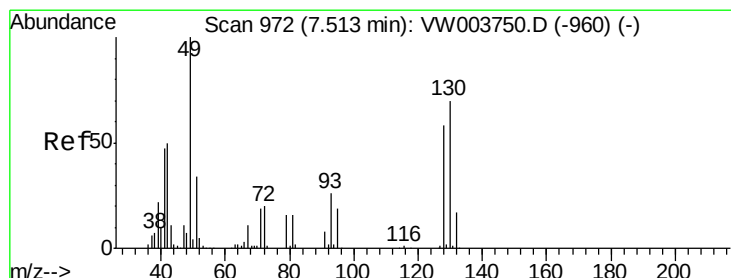
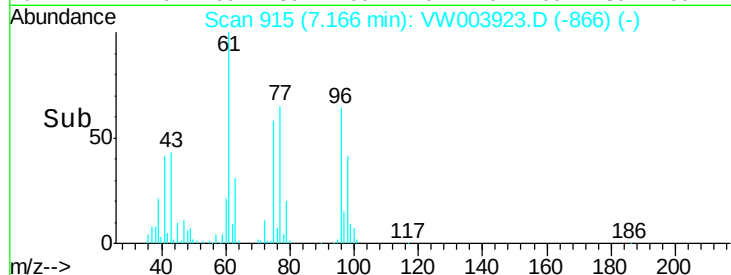
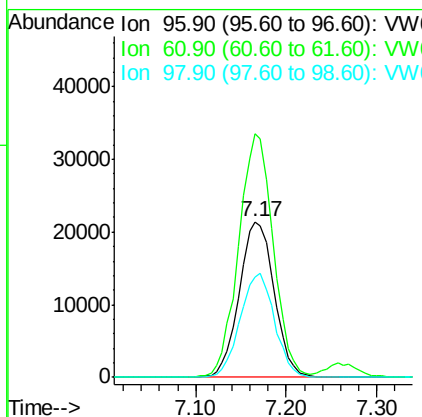
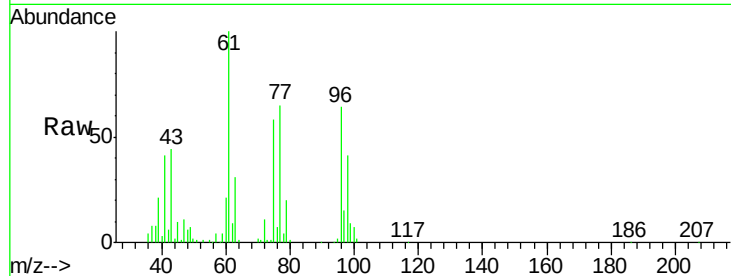
cis-1,2-Dichloroethene
Concen: 21.51 ug/l
RT: 7.17 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW003923.D
Acq: 13 Jul 2018 18:54

Instrument :
MSVOA_W
ClientSampleId :
VW0713SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	154.6	0.0	300.8
98	65.3	0.0	128.6

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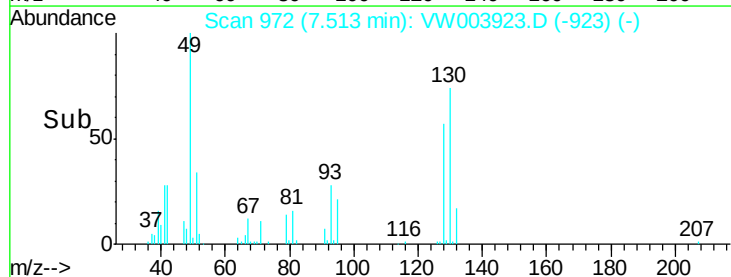
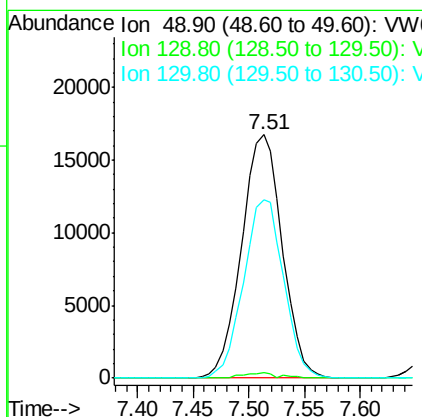
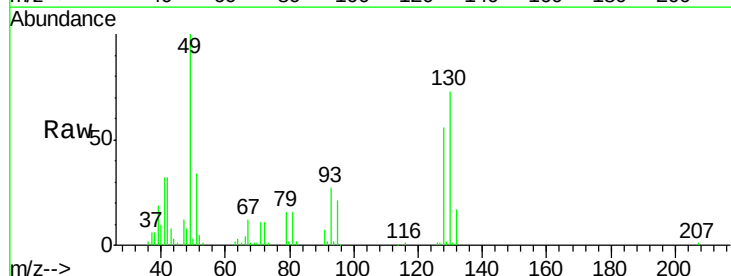
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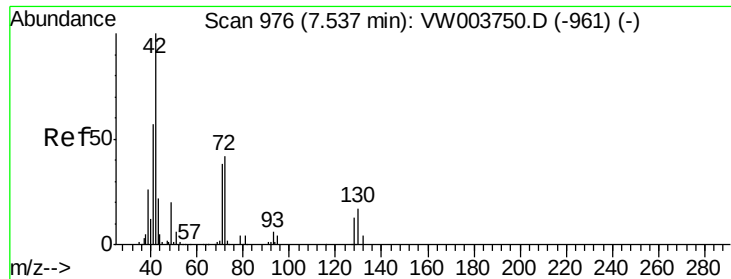


#28

Bromochloromethane
Concen: 20.38 ug/l
RT: 7.51 min Scan# 972
Delta R.T. 0.00 min
Lab File: VW003923.D
Acq: 13 Jul 2018 18:54

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	4.4
130	72.0	56.9	85.3





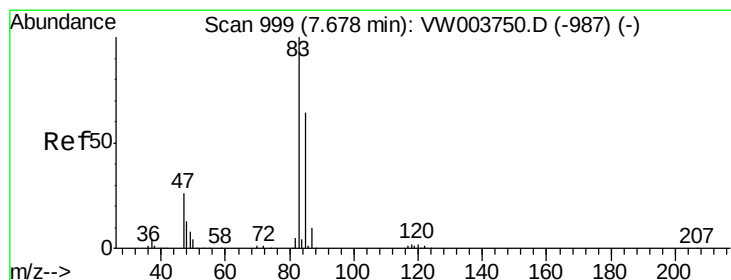
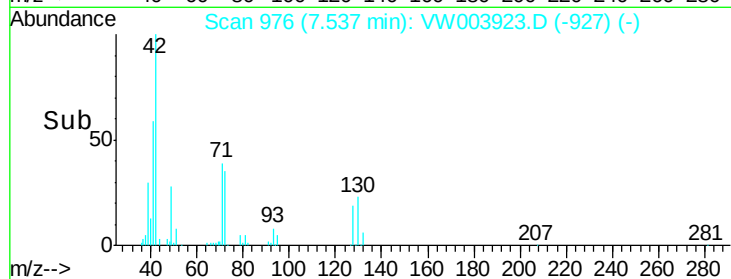
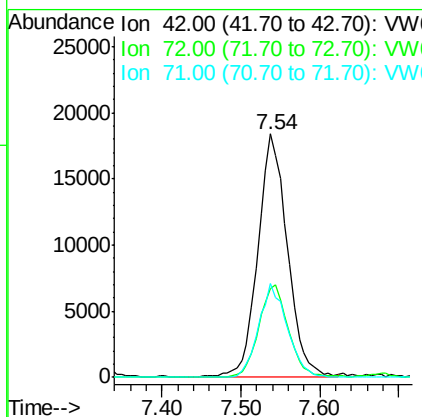
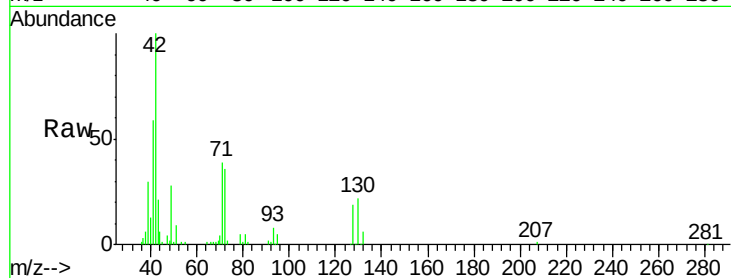
#29
Tetrahydrofuran
Concen: 97.40 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.00 min
Lab File: VW003923.D
Acq: 13 Jul 2018 18:54

Instrument :
MSVOA_W
ClientSampleId :
VW0713SBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	37.6	31.8	47.8
71	37.2	30.3	45.5

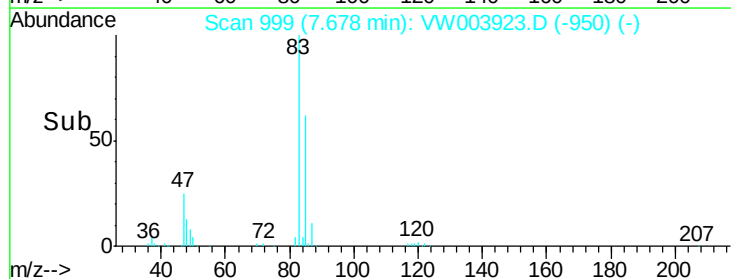
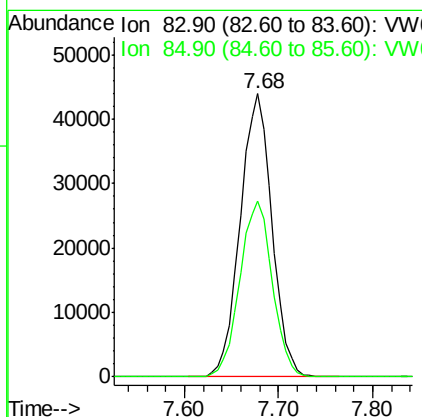
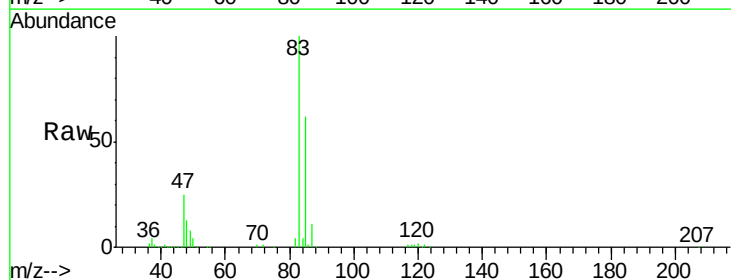
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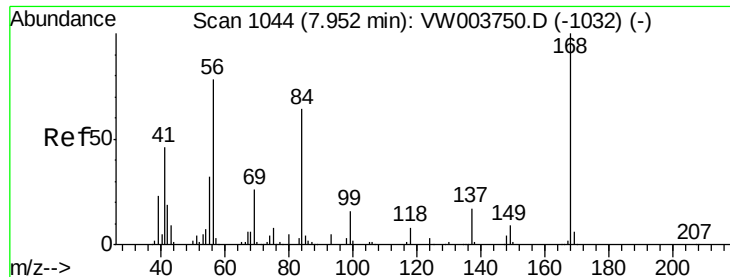
apatel
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#30
Chloroform
Concen: 21.61 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW003923.D
Acq: 13 Jul 2018 18:54

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.0	51.5	77.3





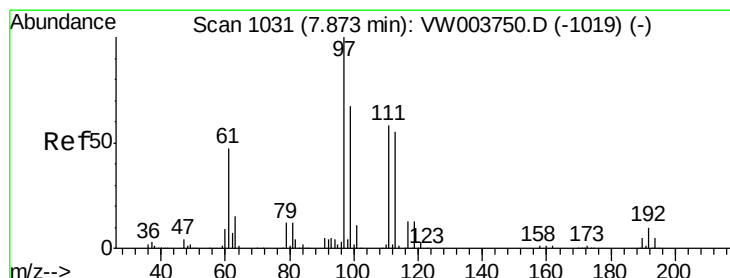
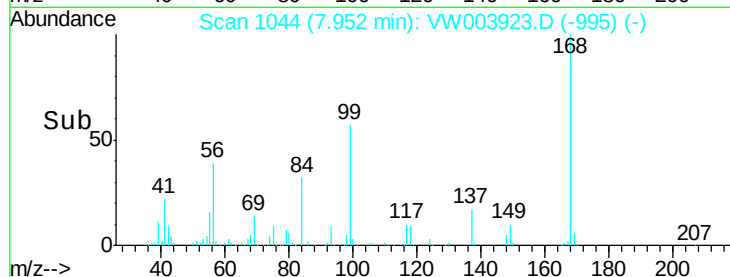
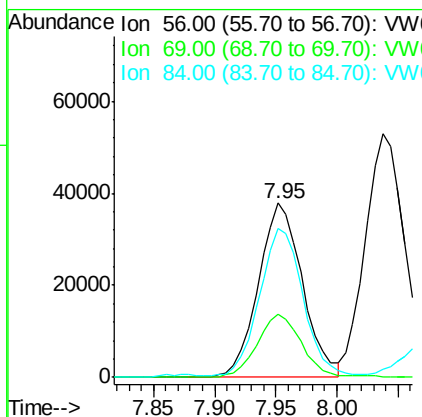
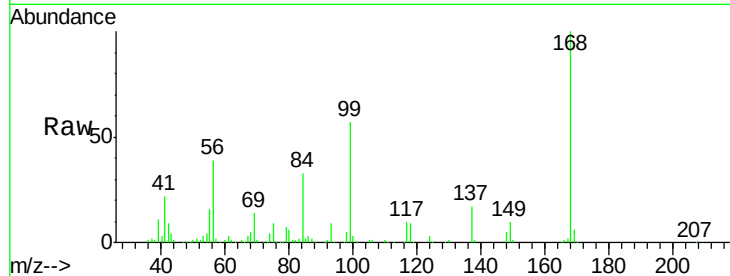
#31
Cyclohexane
Concen: 23.01 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. 0.00 min
Lab File: VW003923.D
Acq: 13 Jul 2018 18:54

Instrument :
MSVOA_W
ClientSampled :
VW0713SBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	36.2	26.2	39.4
84	83.8	65.5	98.3

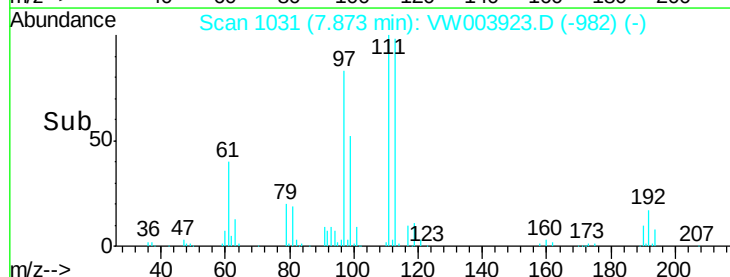
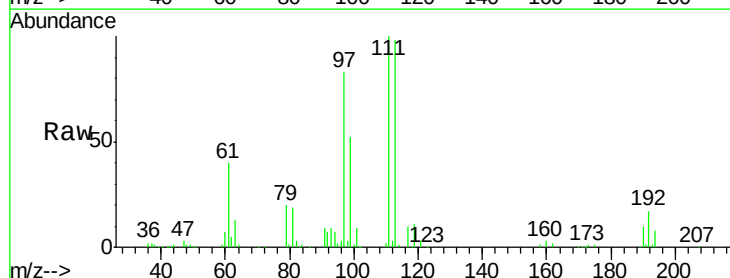
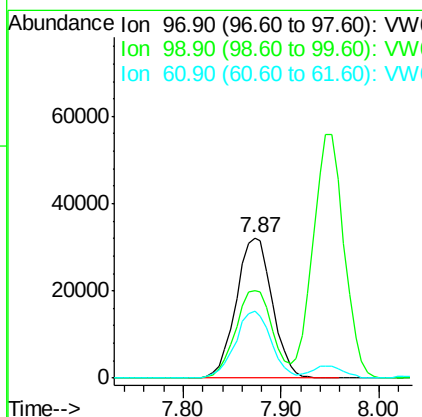
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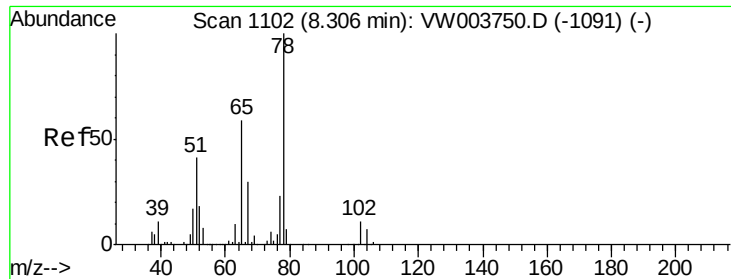
apatel
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#32
1,1,1-Trichloroethane
Concen: 22.55 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VW003923.D
Acq: 13 Jul 2018 18:54

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.2	76.8
61	47.4	37.6	56.4





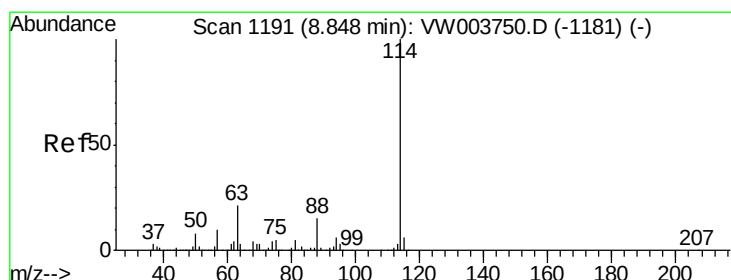
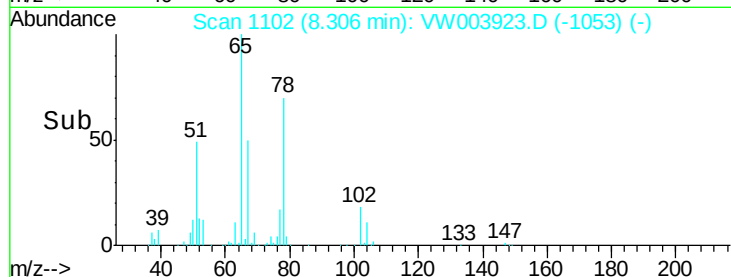
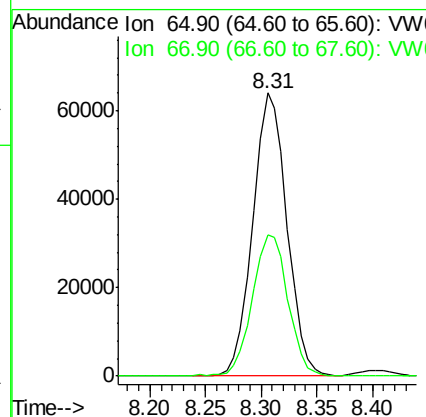
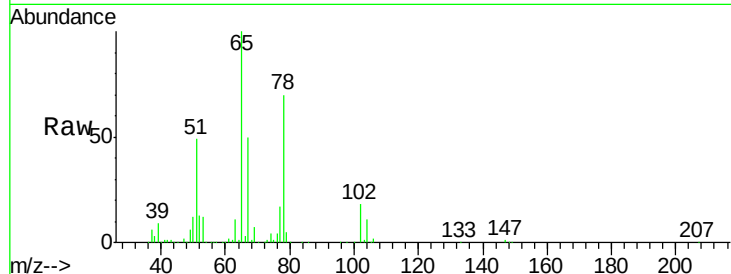
#33
 1,2-Dichloroethane-d4
 Concen: 48.44 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: VW003923.D
 Acq: 13 Jul 2018 18:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0713SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.3	0.0	103.8	

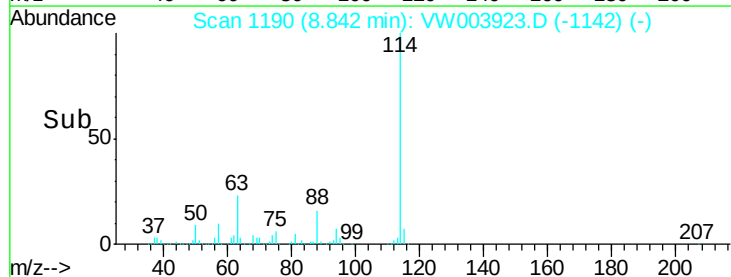
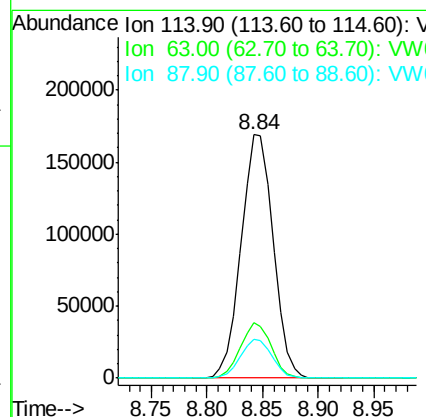
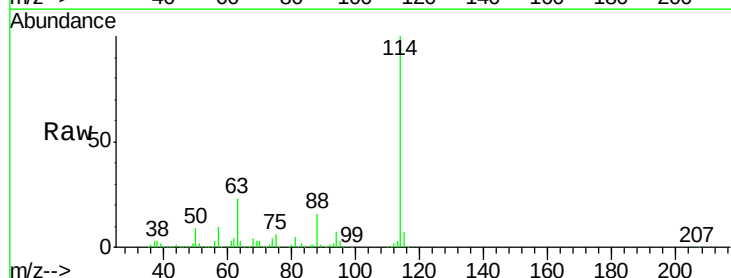
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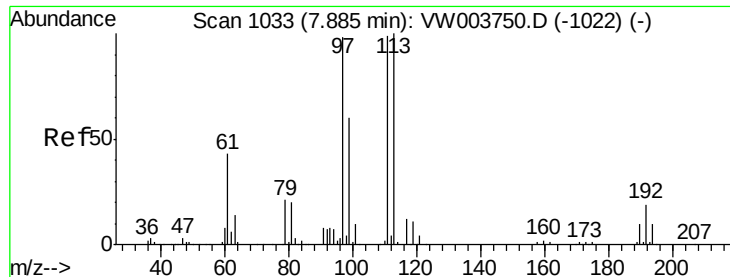
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.84 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: VW003923.D
 Acq: 13 Jul 2018 18:54

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	22.8	0.0	41.8	
88	15.7	0.0	30.2	





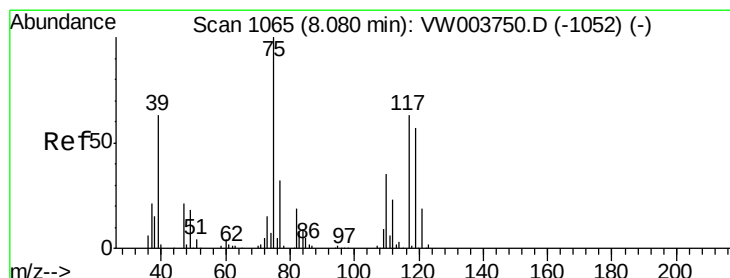
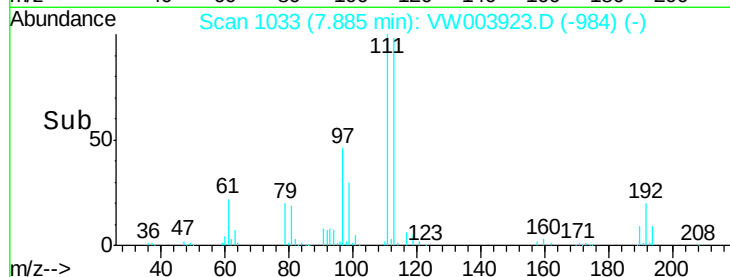
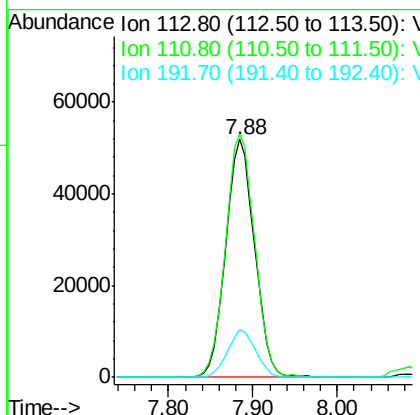
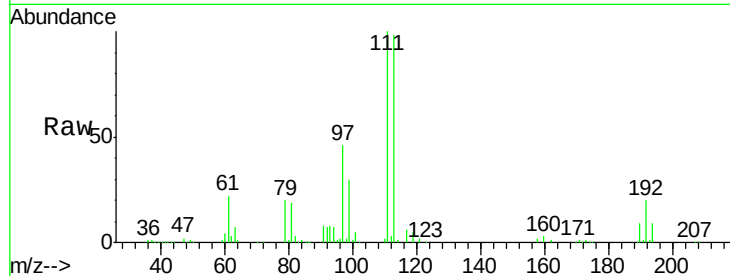
#35
 Dibromofluoromethane
 Concen: 51.04 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003923.D
 Acq: 13 Jul 2018 18:54

Instrument :
 MSVOA_W
 ClientSampled :
 VW0713SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	120790		
111	103.7	81.7	122.5	
192	19.5	15.8	23.8	

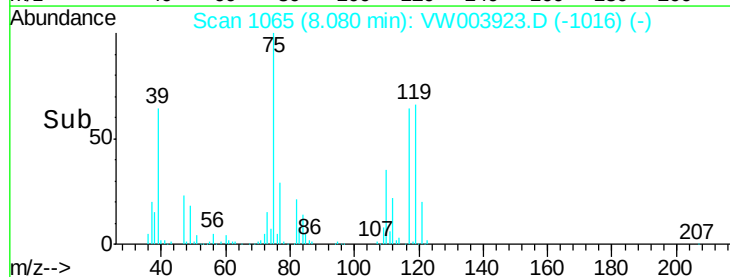
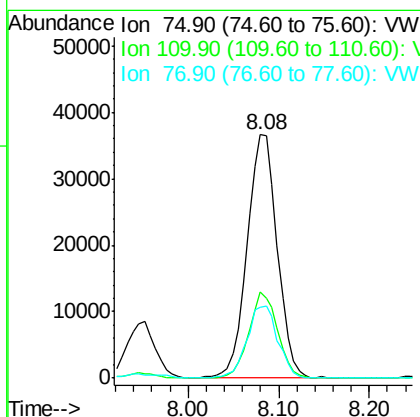
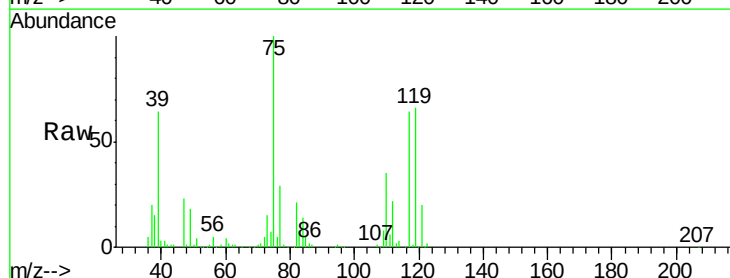
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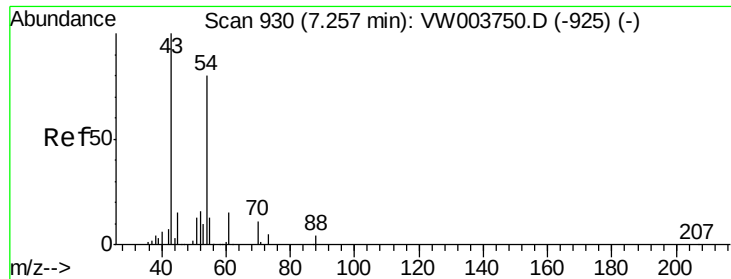
apatel
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#36
 1,1-Dichloropropene
 Concen: 23.45 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. 0.00 min
 Lab File: VW003923.D
 Acq: 13 Jul 2018 18:54

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	84113		
110	33.4	16.9	50.6	
77	30.8	24.8	37.2	





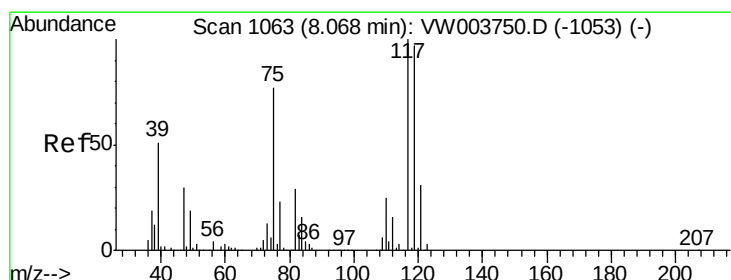
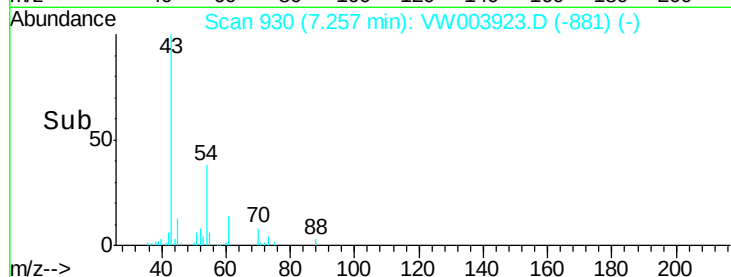
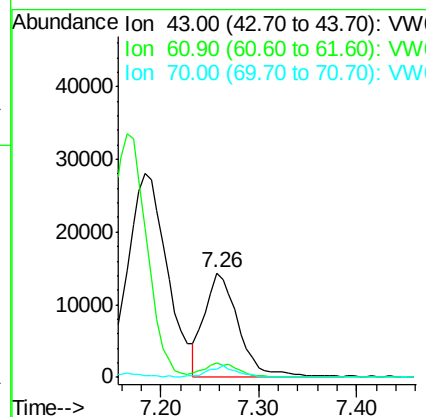
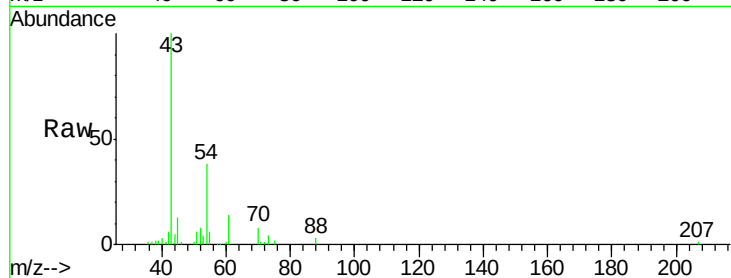
#37
Ethyl Acetate
Concen: 19.47 ug/l
RT: 7.26 min Scan# 930
Delta R.T. 0.00 min
Lab File: VW003923.D
Acq: 13 Jul 2018 18:54

Instrument :
MSVOA_W
ClientSampleId :
VW0713SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.2	10.6	15.8
70	9.8	7.5	11.3

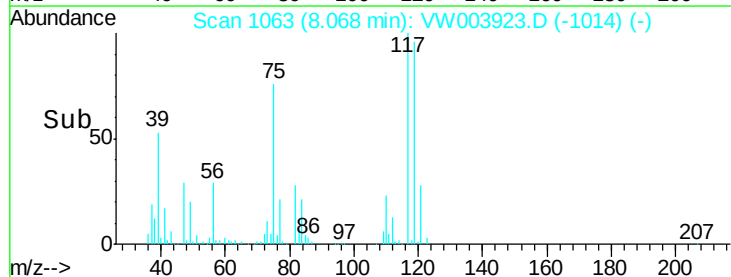
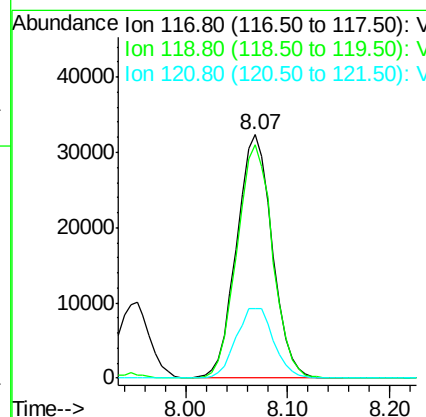
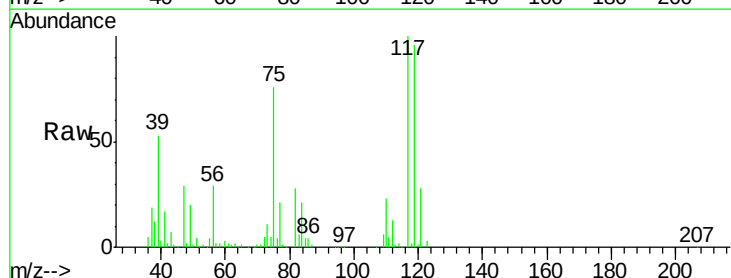
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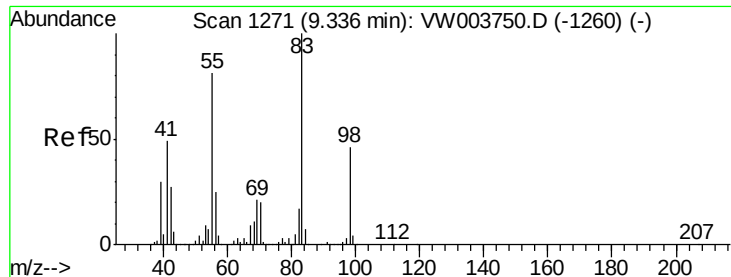
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#38
Carbon Tetrachloride
Concen: 22.98 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW003923.D
Acq: 13 Jul 2018 18:54

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.0	77.4	116.2
121	28.3	24.6	37.0





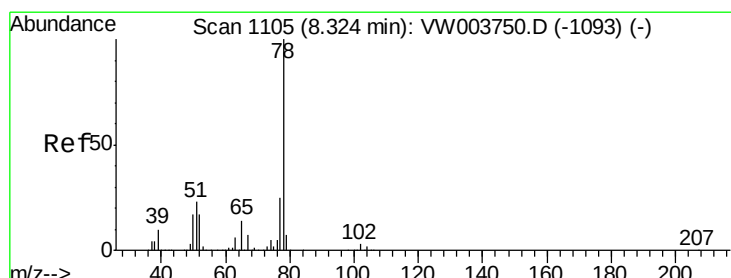
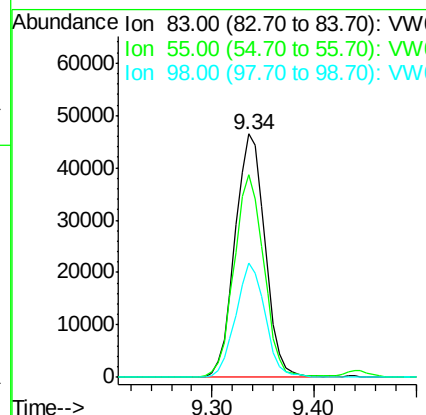
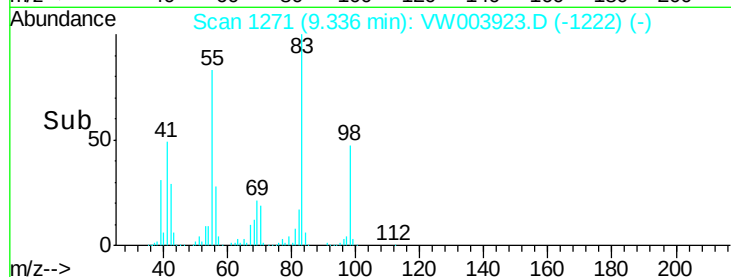
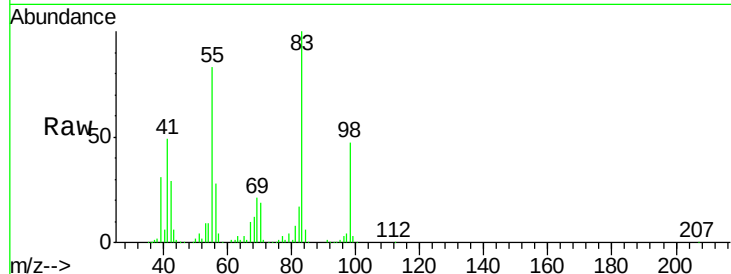
#39
Methylvlcyclohexane
Concen: 24.10 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VW003923.D
Acq: 13 Jul 2018 18:54

Instrument :
MSVOA_W
ClientSampleId :
VW0713SBSD01

Tot Ion	83	Resp	94676
Ion Ratio	Lower	Upper	
83	100		
55	83.4	65.1	97.7
98	46.9	36.7	55.1

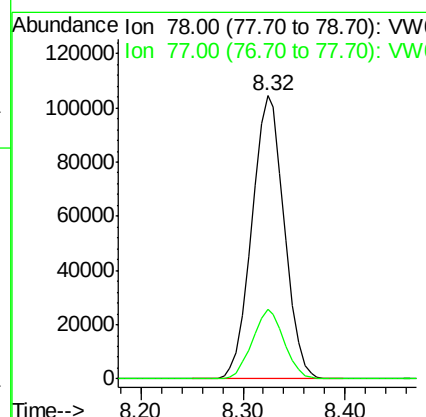
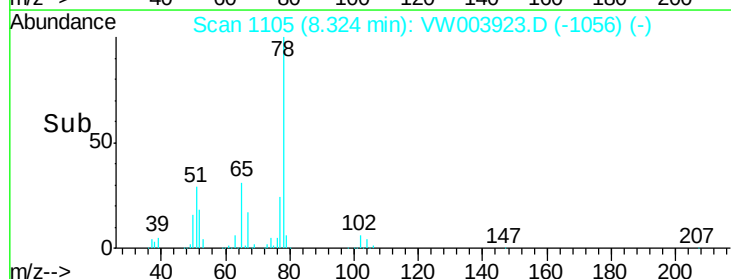
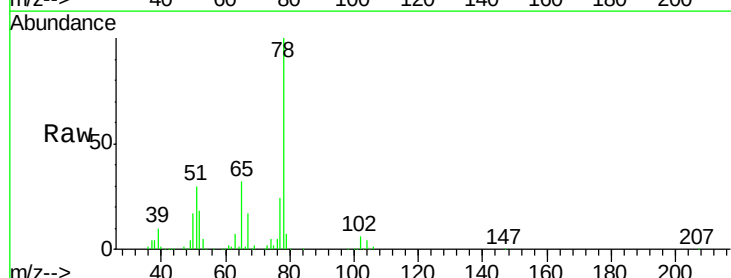
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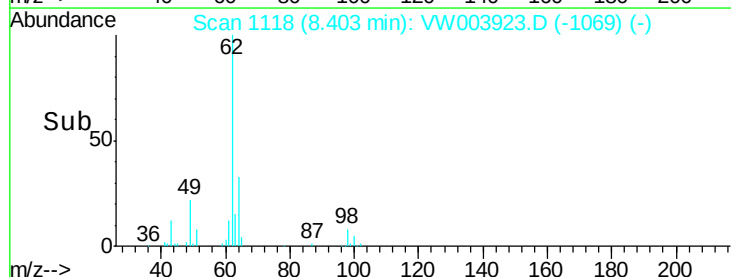
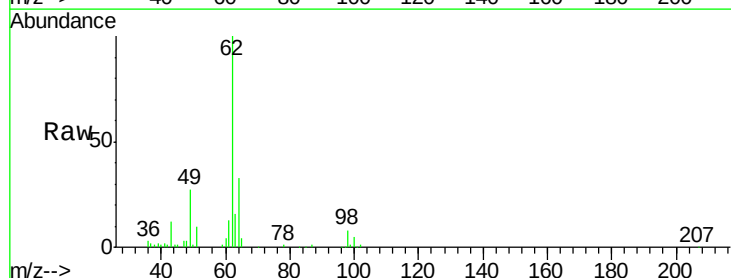
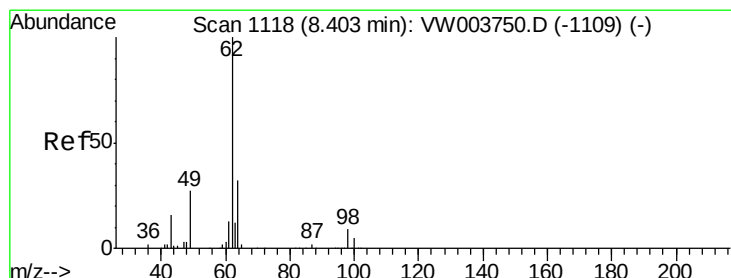
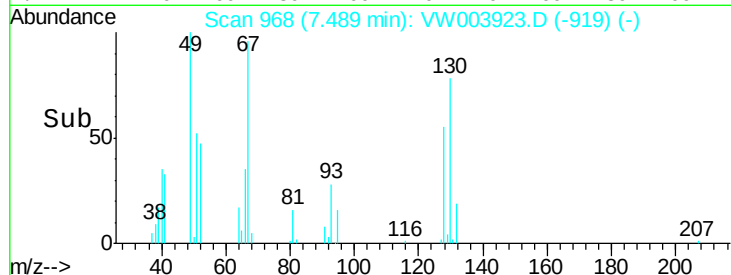
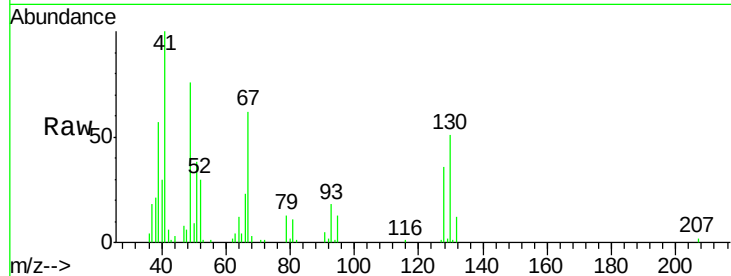
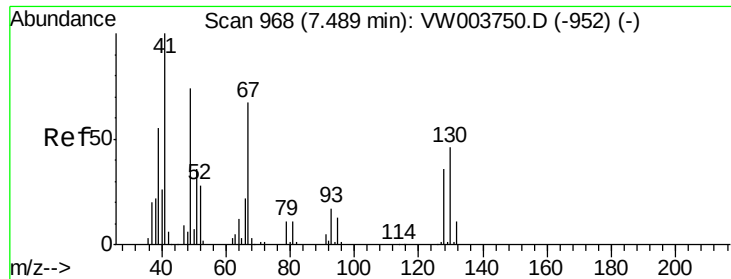
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#40
Benzene
Concen: 22.47 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VW003923.D
Acq: 13 Jul 2018 18:54

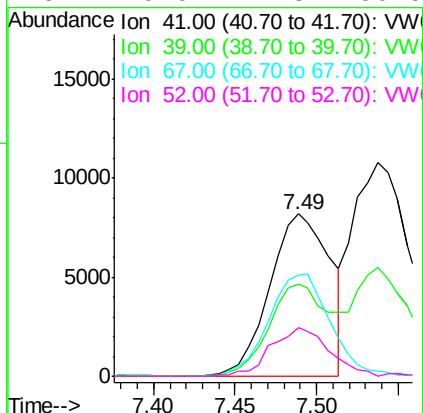
Tgt Ion	78	Resp	230460
Ion Ratio	Lower	Upper	
78	100		
77	24.4	19.7	29.5





#41
Methacrylonitrile
Concen: 20.95 ug/l
RT: 7.49 min Scan# 968
Delta R.T. 0.00 min
Lab File: VW003923.D
Acq: 13 Jul 2018 18:54

Tot Ion	41	Resp	21041
Ion Ratio	Lower	Upper	
41	100		
39	51.2	49.5	74.3
67	64.2	53.8	80.8
52	29.0	24.3	36.5



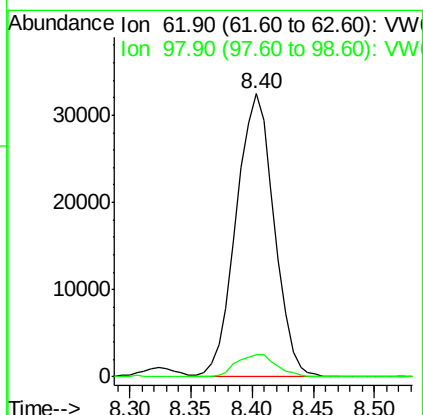
Instrument :
MSVOA_W
ClientSampleId :
VW0713SBSD01

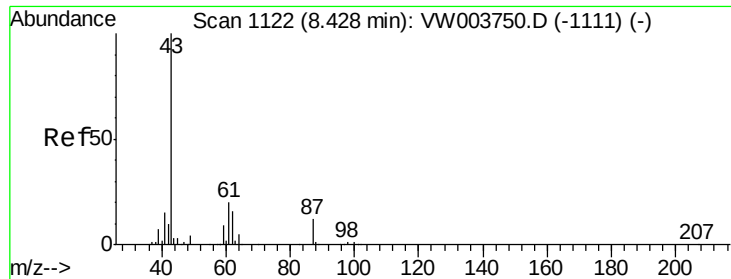
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#42
1,2-Dichloroethane
Concen: 21.13 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW003923.D
Acq: 13 Jul 2018 18:54

Tgt Ion	62	Resp	70144
Ion Ratio	Lower	Upper	
62	100		
98	8.4	0.0	16.4





#43

Isopropyl Acetate

Concen: 19.88 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. 0.00 min

Lab File: VW003923.D

Acq: 13 Jul 2018 18:54

Instrument :

MSVOA_W

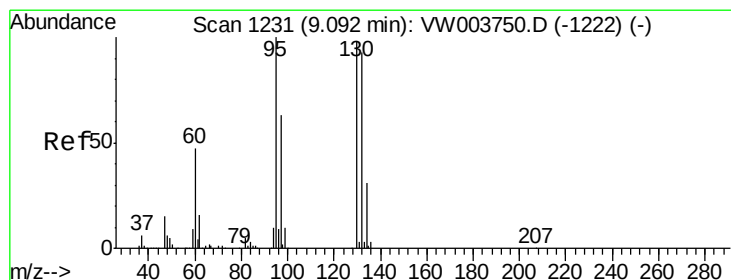
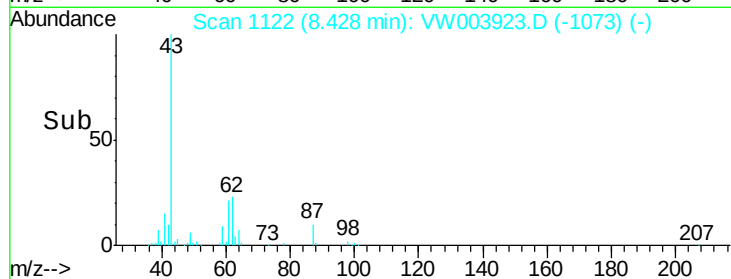
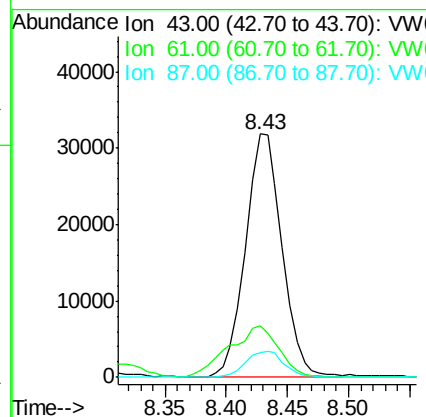
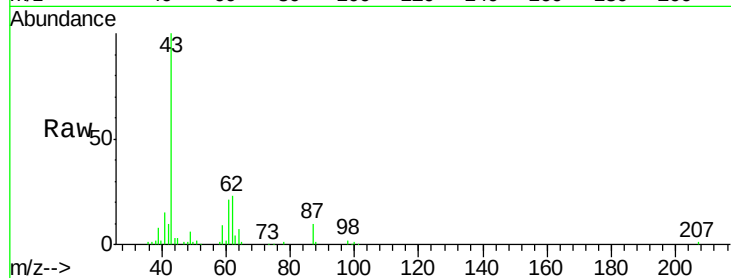
ClientSampleId :

VW0713SBS01

Tot Ion:	43	Resp:	65782
Ion	Ratio	Lower	Upper
43	100		
61	29.3	22.8	34.2
87	11.4	9.5	14.3

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#44

Trichloroethene

Concen: 22.40 ug/l

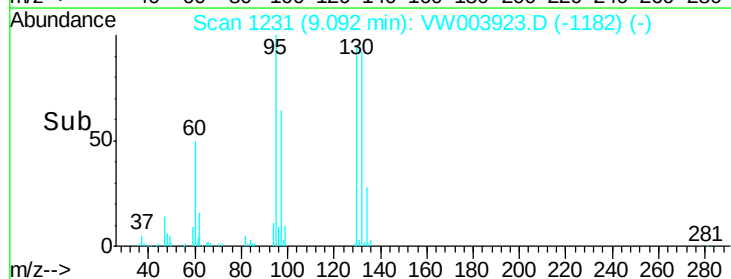
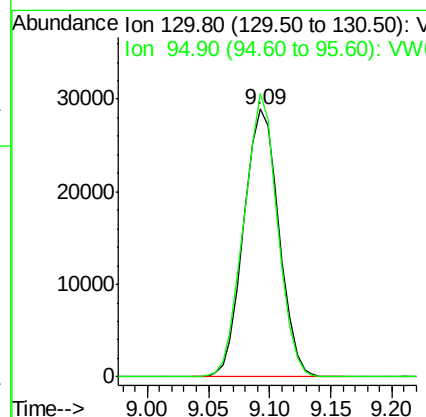
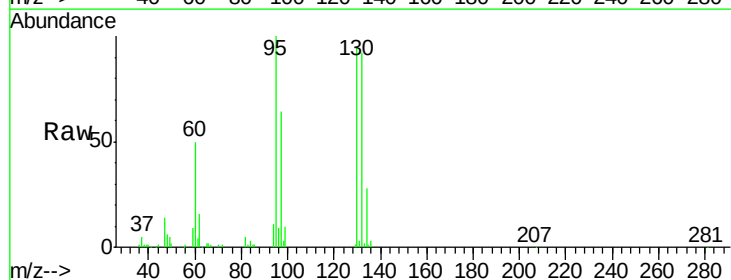
RT: 9.09 min Scan# 1231

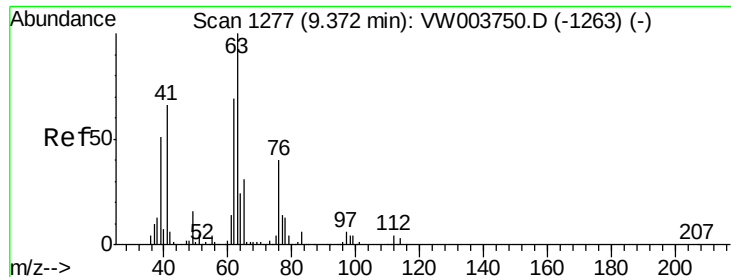
Delta R.T. 0.00 min

Lab File: VW003923.D

Acq: 13 Jul 2018 18:54

Tgt Ion:	130	Resp:	57926
Ion	Ratio	Lower	Upper
130	100		
95	105.7	0.0	203.8





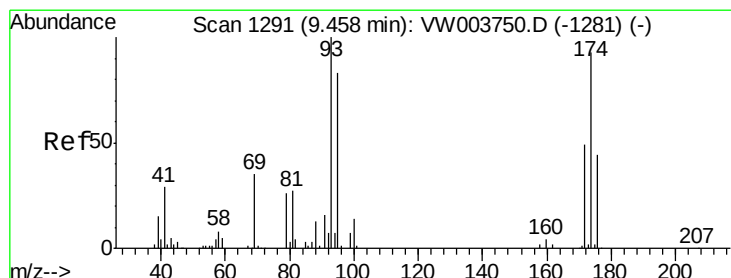
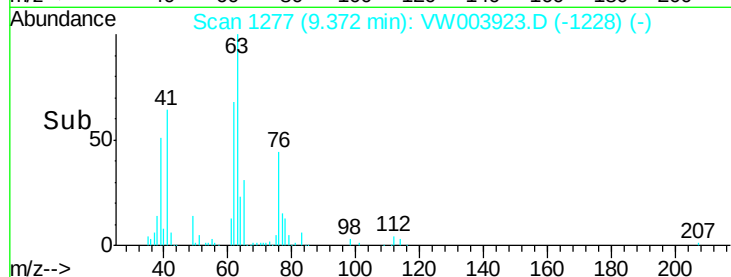
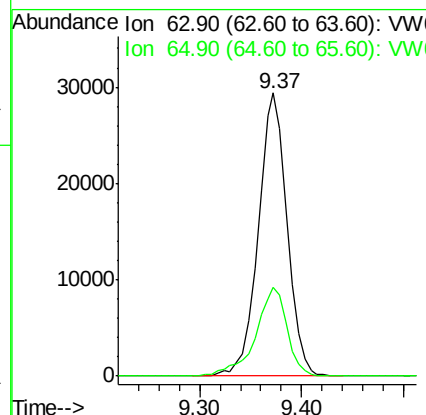
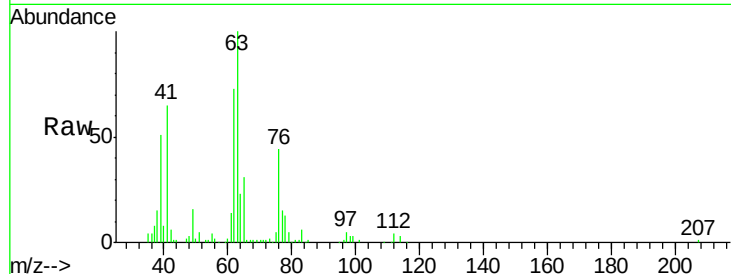
#45
 1,2-Dichloropropane
 Concen: 21.63 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW003923.D
 Acq: 13 Jul 2018 18:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0713BSD01

Tot Ion: 63 Resp: 57696
 Ion Ratio Lower Upper
 63 100
 65 31.4 24.9 37.3

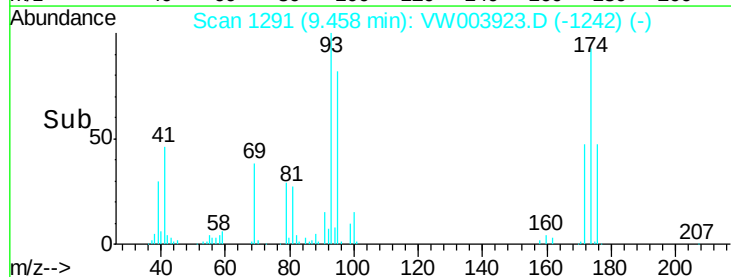
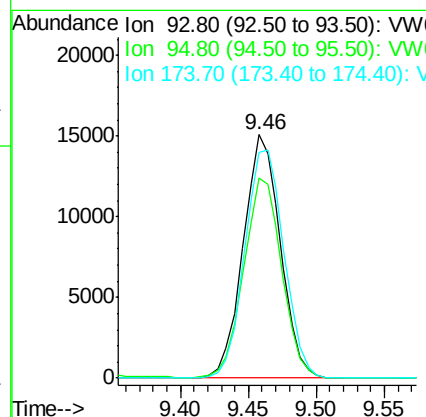
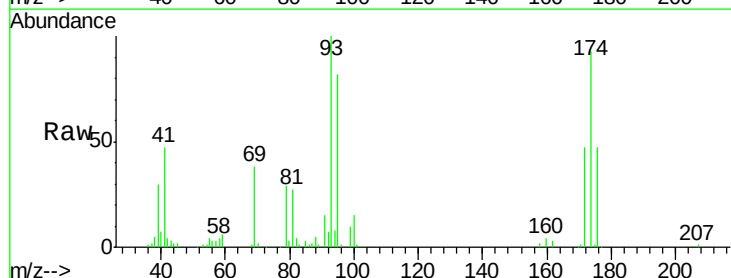
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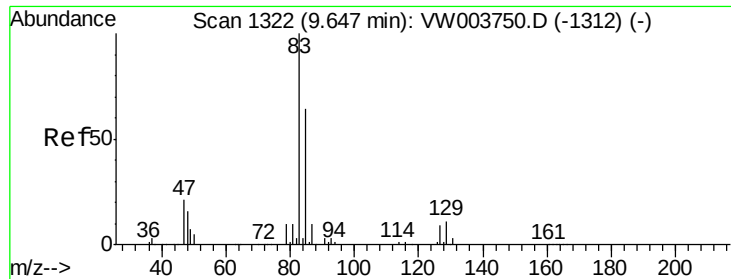
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#46
 Dibromomethane
 Concen: 20.50 ug/l
 RT: 9.46 min Scan# 1291
 Delta R.T. 0.00 min
 Lab File: VW003923.D
 Acq: 13 Jul 2018 18:54

Tgt Ion: 93 Resp: 28752
 Ion Ratio Lower Upper
 93 100
 95 84.5 67.2 100.8
 174 99.1 78.1 117.1





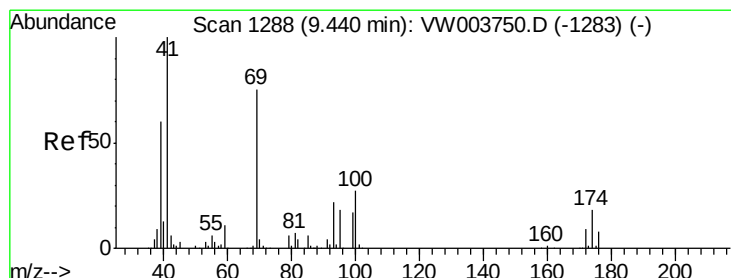
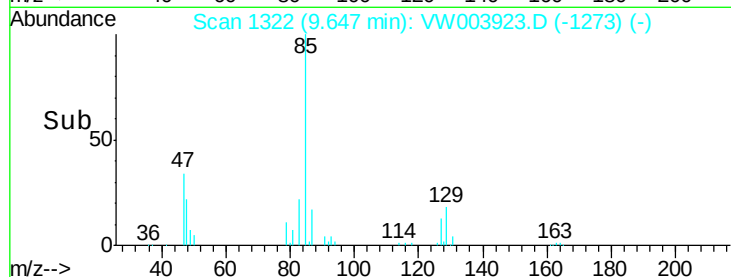
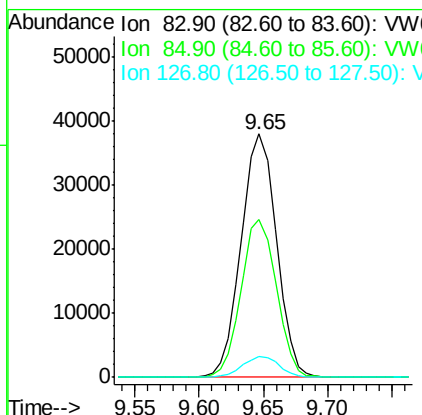
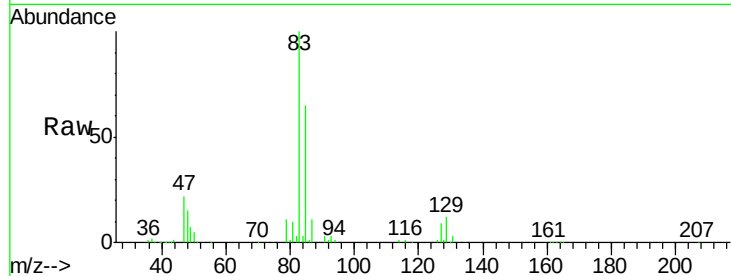
#47
Bromodichloromethane
Concen: 20.94 ug/l
RT: 9.65 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VW003923.D
Acq: 13 Jul 2018 18:54

Instrument :
MSVOA_W
ClientSampleId :
VW0713SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	72246		
85	64.8		51.4	77.0
127	8.5		6.8	10.2

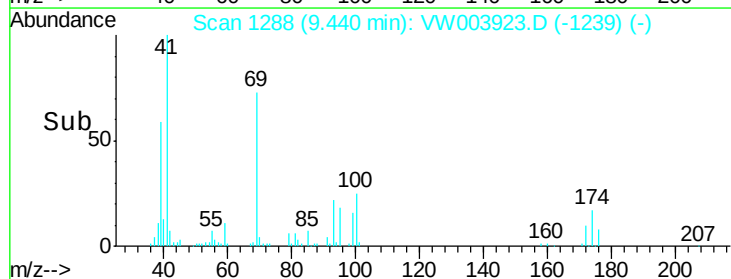
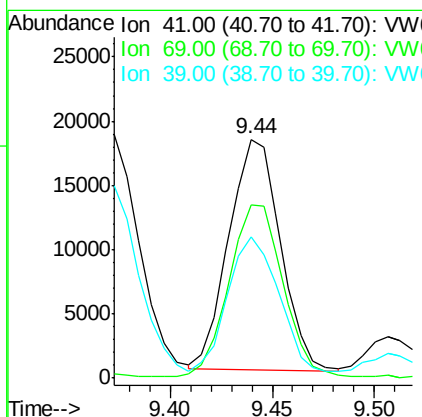
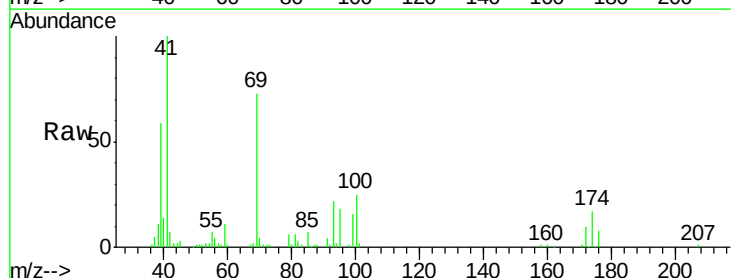
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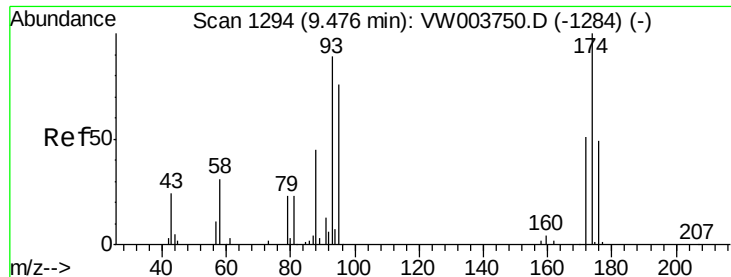
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#48
Methyl methacrylate
Concen: 19.93 ug/l
RT: 9.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VW003923.D
Acq: 13 Jul 2018 18:54

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	31408		
69	79.7		63.8	95.8
39	63.5		50.2	75.2





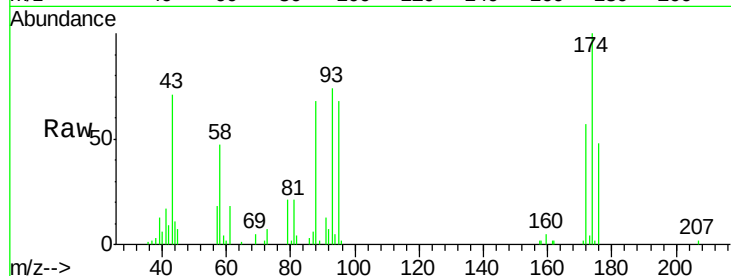
#49
1,4-Dioxane
Concen: 391.32 ug/l
RT: 9.48 min Scan# 1295
Delta R.T. 0.01 min
Lab File: VW003923.D
Acq: 13 Jul 2018 18:54

Instrument :
MSVOA_W
ClientSampleId :
VW0713SBSD01

Tot Ion	88	Resp	8201
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	79.1	59.7	89.5

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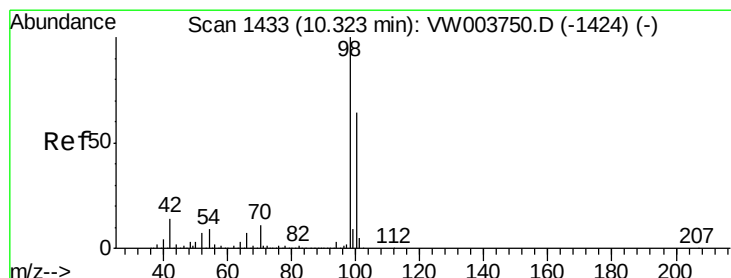
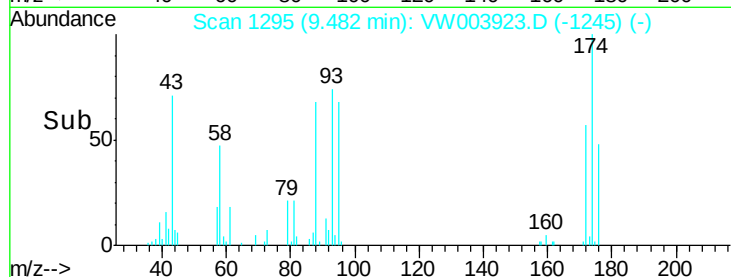
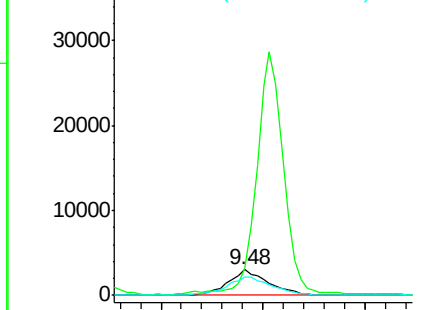


Abundance

Ion 88.00 (87.70 to 88.70): VW

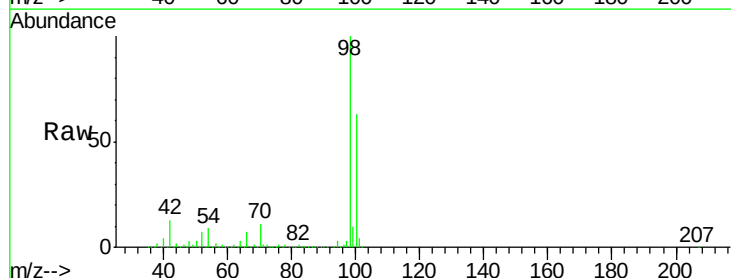
Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50
Toluene-d8
Concen: 52.83 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.01 min
Lab File: VW003923.D
Acq: 13 Jul 2018 18:54

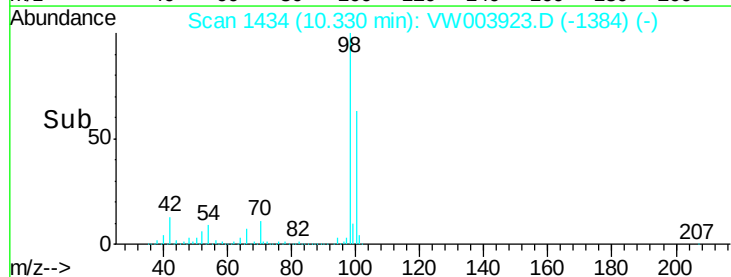
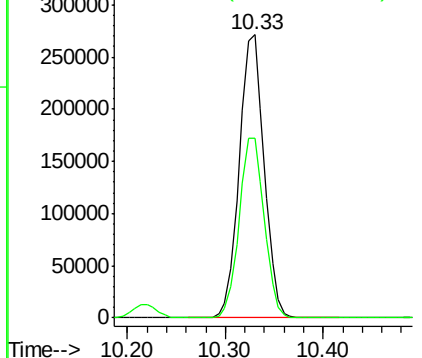
Tgt Ion	98	Resp	478195
Ion	Ratio	Lower	Upper
98	100		
100	64.1	50.8	76.2

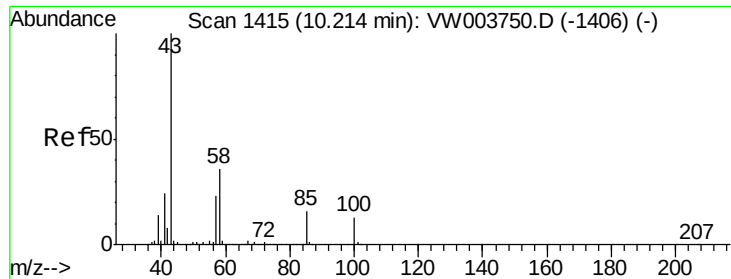


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 100.65 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. 0.00 min

Lab File: VW003923.D

Acq: 13 Jul 2018 18:54

Instrument :

MSVOA_W

ClientSampleId :

VW0713SBS01

Tot Ion: 43 Resp: 172308

Ion Ratio Lower Upper

43 100

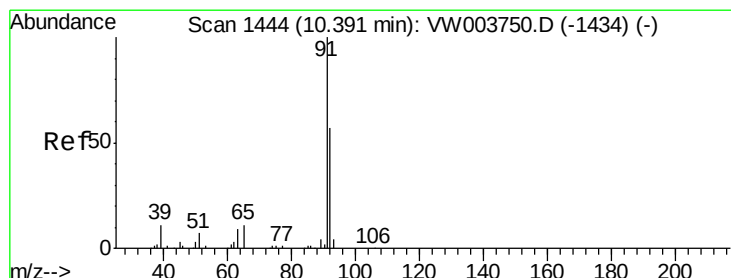
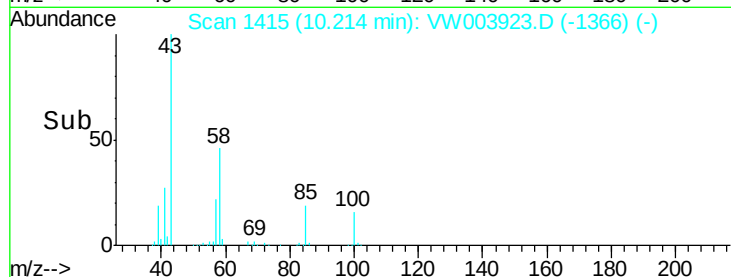
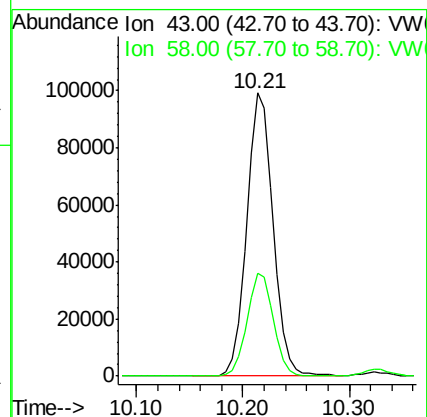
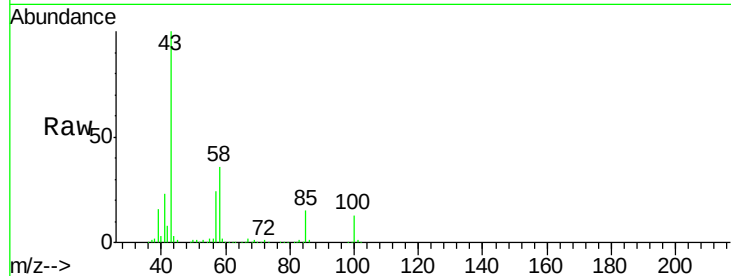
58 36.3 29.3 43.9

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#52

Toluene

Concen: 23.06 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW003923.D

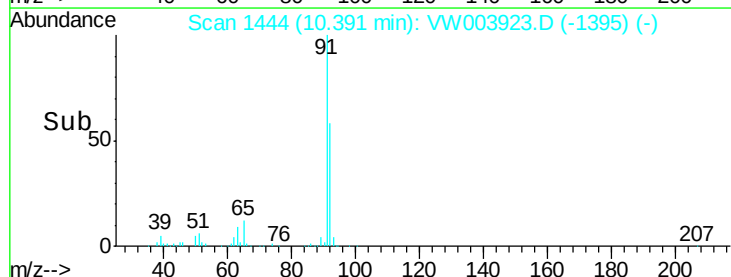
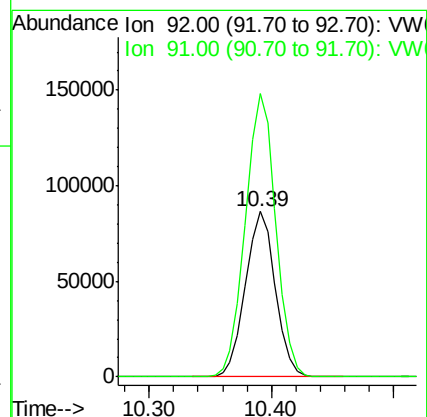
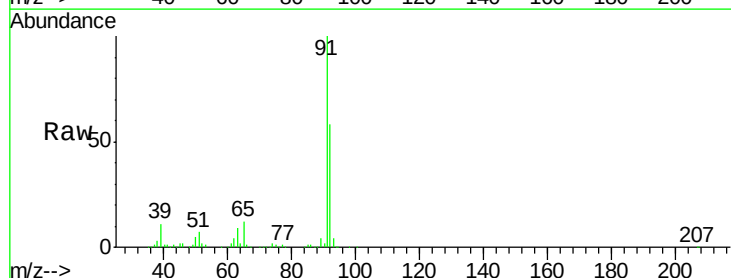
Acq: 13 Jul 2018 18:54

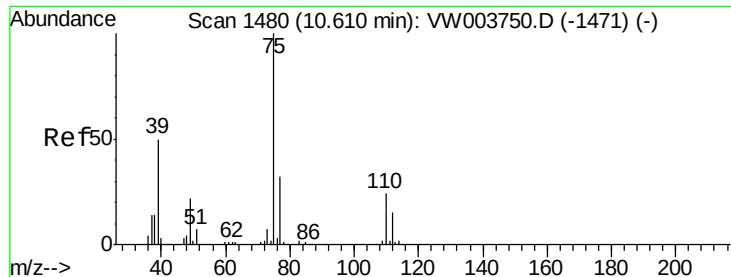
Tgt Ion: 92 Resp: 146639

Ion Ratio Lower Upper

92 100

91 173.8 140.6 211.0





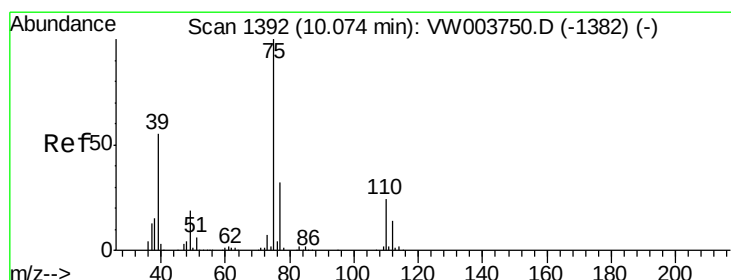
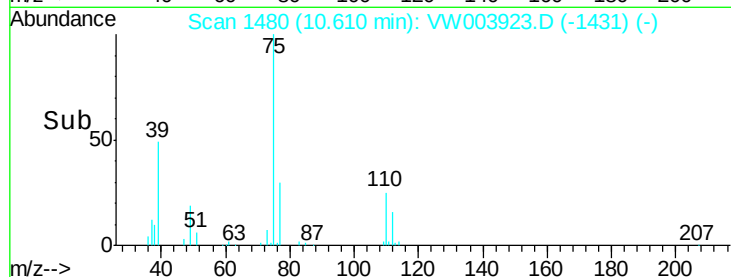
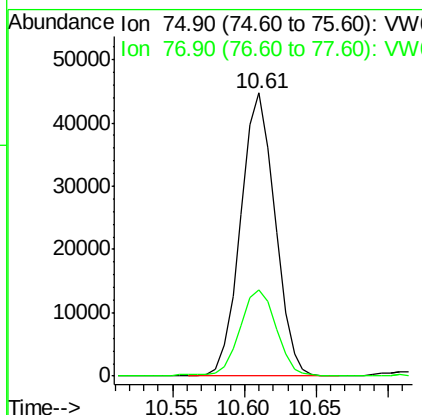
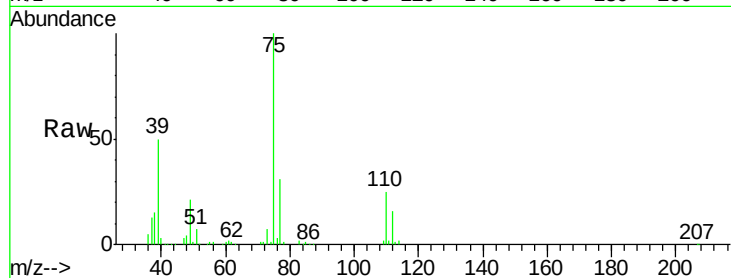
#53
t-1,3-Dichloropropene
Concen: 21.54 ug/l
RT: 10.61 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VW003923.D
Acq: 13 Jul 2018 18:54

Instrument :
MSVOA_W
ClientSampleId :
VW0713BSD01

Tot Ion: 75 Resp: 74184
Ion Ratio Lower Upper
75 100
77 30.3 25.5 38.3

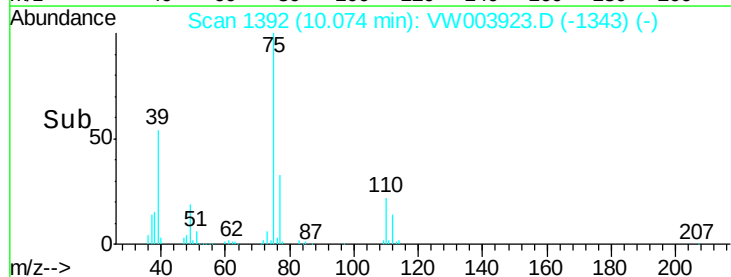
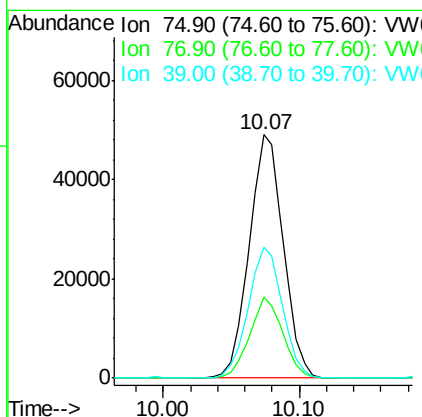
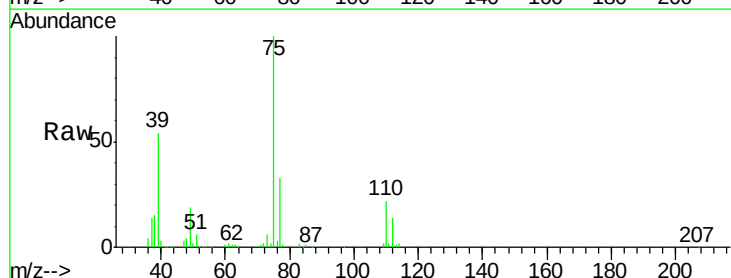
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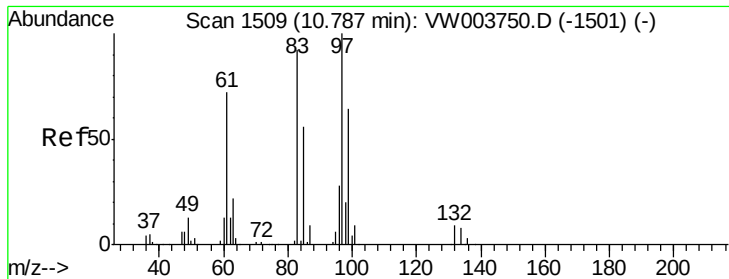
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#54
cis-1,3-Dichloropropene
Concen: 22.20 ug/l
RT: 10.07 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW003923.D
Acq: 13 Jul 2018 18:54

Tgt Ion: 75 Resp: 86300
Ion Ratio Lower Upper
75 100
77 33.1 25.6 38.4
39 53.8 43.6 65.4





#55

1,1,2-Trichloroethane

Concen: 20.68 ug/l

RT: 10.79 min Scan# 1509

Delta R.T. 0.00 min

Lab File: VW003923.D

Acq: 13 Jul 2018 18:54

Instrument :

MSVOA_W

ClientSampleId :

VW0713SBSD01

Tot Ion: 97 Resp: 40279

Ion Ratio Lower Upper

97 100

83 85.4 73.8 110.6

85 55.7 45.0 67.4

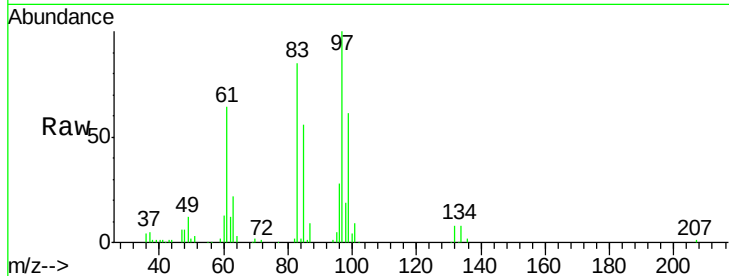
99 60.8 51.2 76.8

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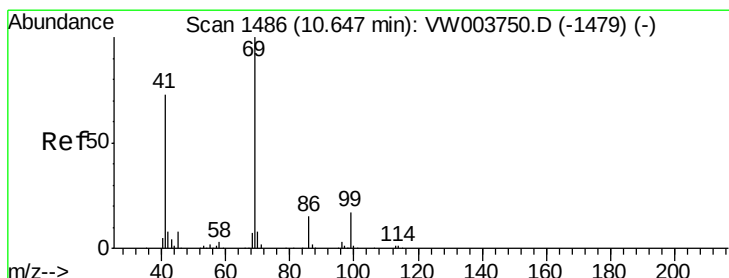
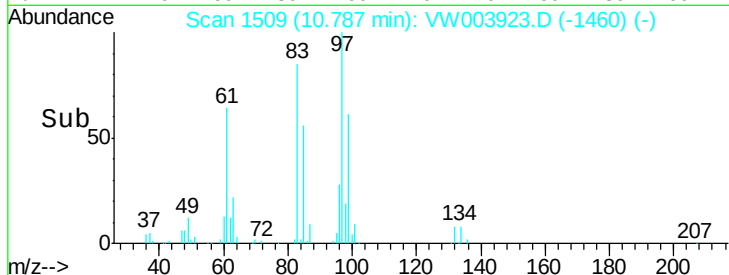
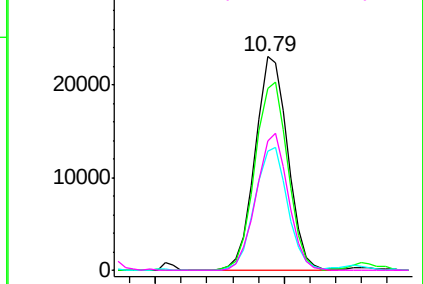


Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 20.35 ug/l

RT: 10.65 min Scan# 1487

Delta R.T. 0.01 min

Lab File: VW003923.D

Acq: 13 Jul 2018 18:54

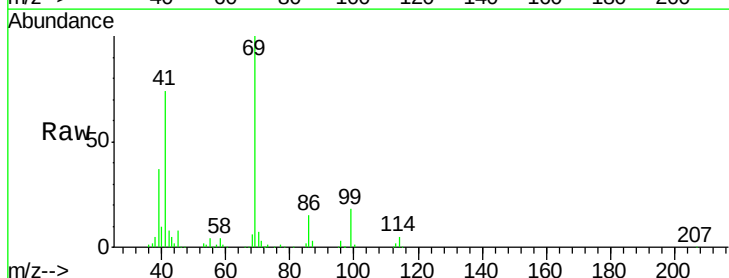
Tgt Ion: 69 Resp: 48361

Ion Ratio Lower Upper

69 100

41 74.1 59.0 88.4

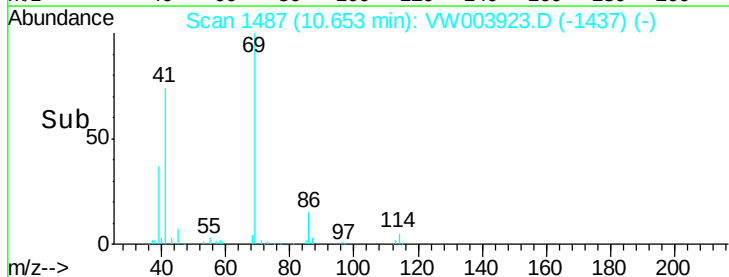
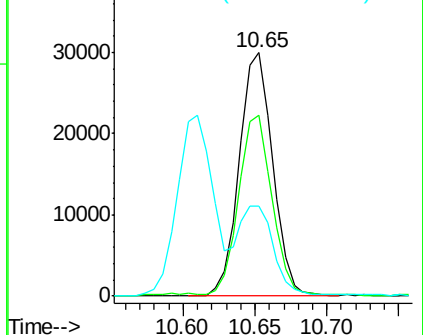
39 35.6 32.8 49.2

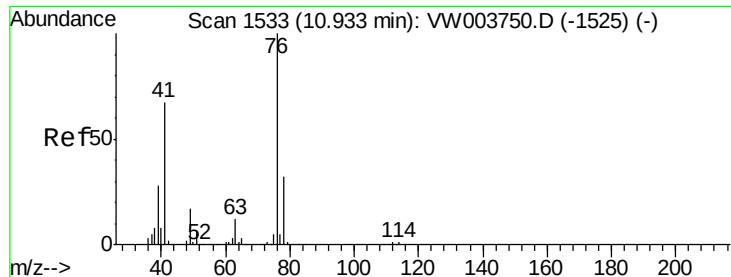


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW





#57

1,3-Dichloropropane

Concen: 21.10 ug/l

RT: 10.93 min Scan# 1533

Delta R.T. 0.00 min

Lab File: VW003923.D

Acq: 13 Jul 2018 18:54

Instrument :

MSVOA_W

ClientSampleId :

VW0713BSD01

Tot Ion: 76 Resp: 71624

Ion Ratio Lower Upper

76 100

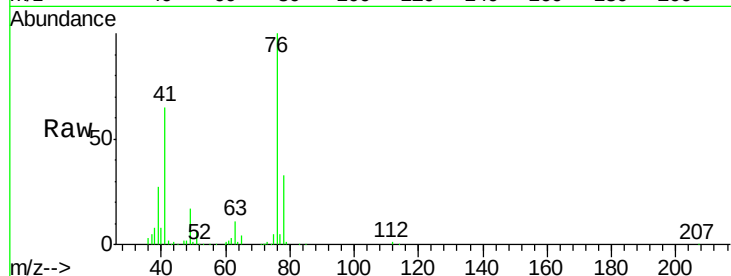
78 31.7 25.6 38.4

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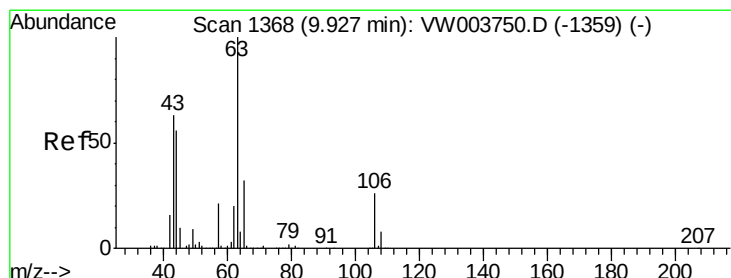
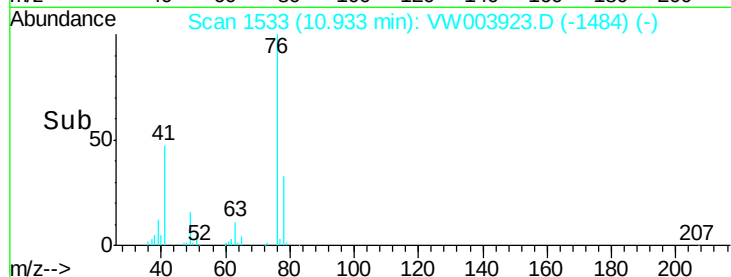
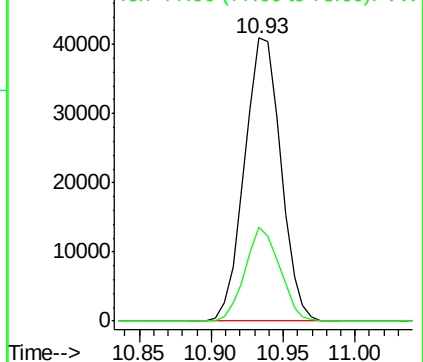
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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#58

2-Chloroethyl Vinyl ether

Concen: 92.51 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VW003923.D

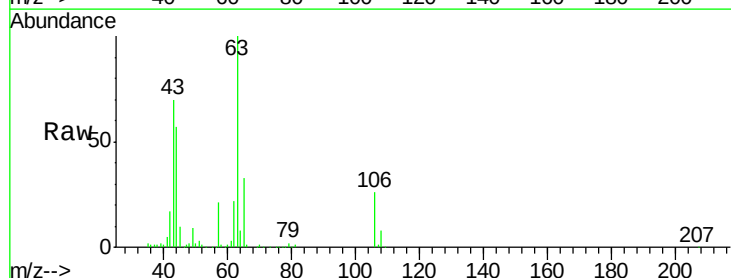
Acq: 13 Jul 2018 18:54

Tgt Ion: 63 Resp: 104797

Ion Ratio Lower Upper

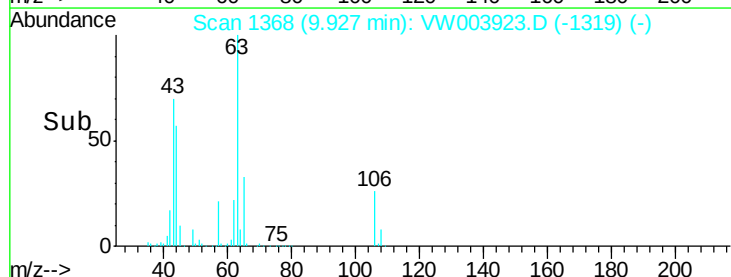
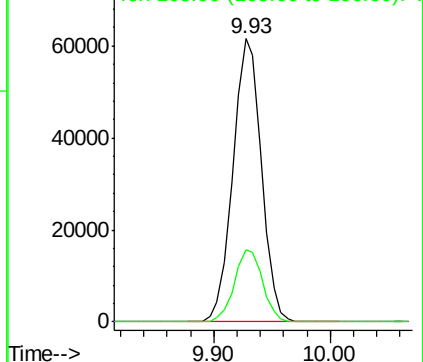
63 100

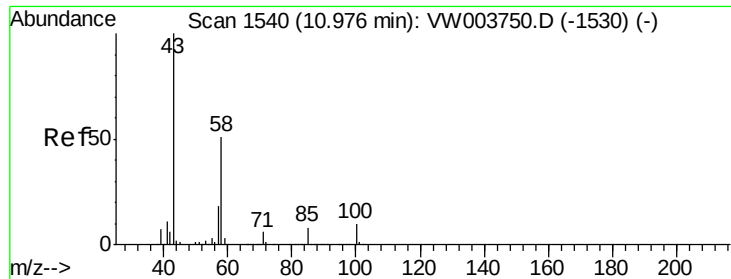
106 25.5 20.9 31.3



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 105.90 (105.60 to 106.60): V





#59

2-Hexanone

Concen: 99.39 ug/l

RT: 10.98 min Scan# 1540

Delta R.T. 0.00 min

Lab File: VW003923.D

Acq: 13 Jul 2018 18:54

Instrument :

MSVOA_W

ClientSampleId :

VW0713SBSD01

Tot Ion: 43 Resp: 116840

Ion Ratio Lower Upper

43 100

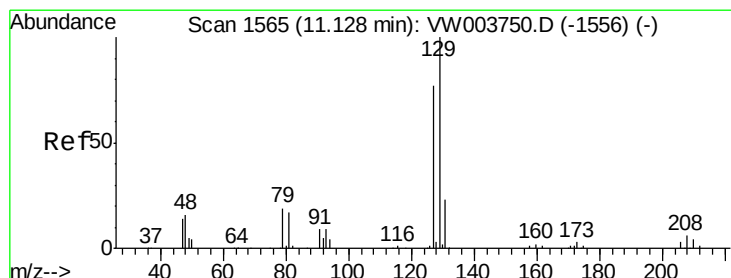
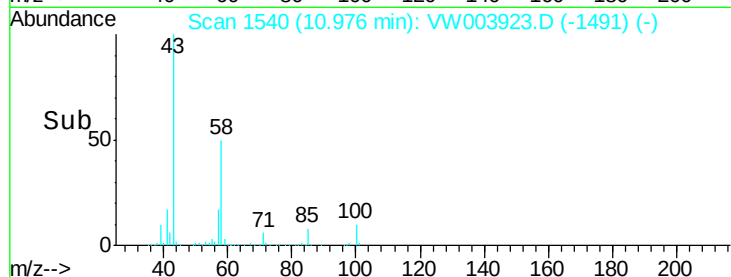
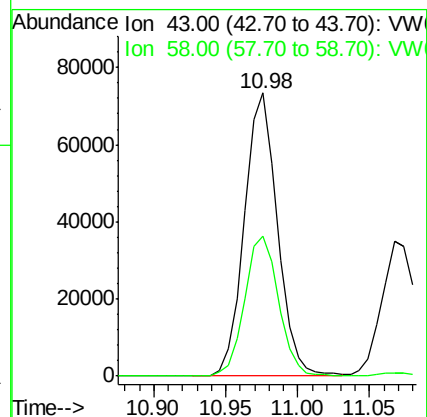
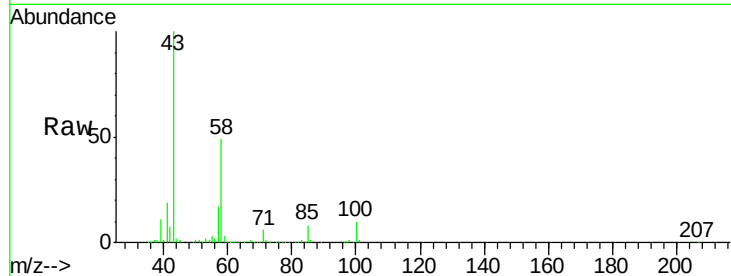
58 50.5 25.4 76.2

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#60

Dibromochloromethane

Concen: 20.41 ug/l

RT: 11.13 min Scan# 1565

Delta R.T. 0.00 min

Lab File: VW003923.D

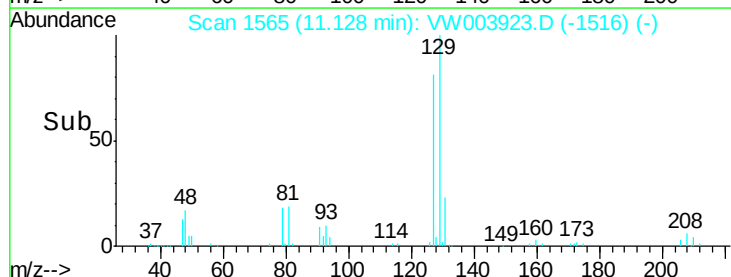
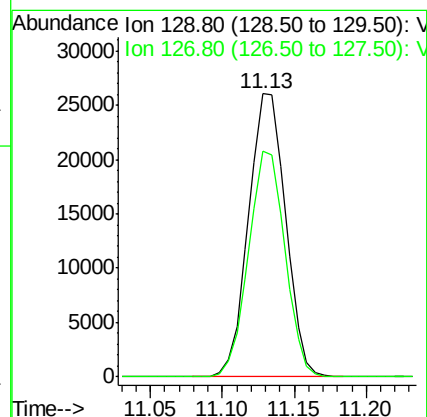
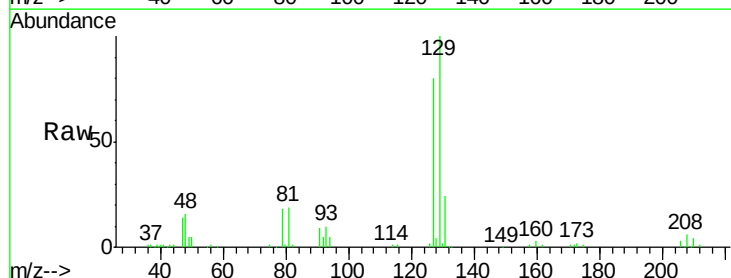
Acq: 13 Jul 2018 18:54

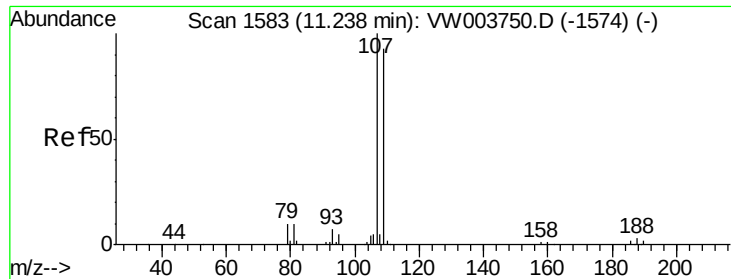
Tgt Ion: 129 Resp: 46395

Ion Ratio Lower Upper

129 100

127 78.4 38.9 116.6





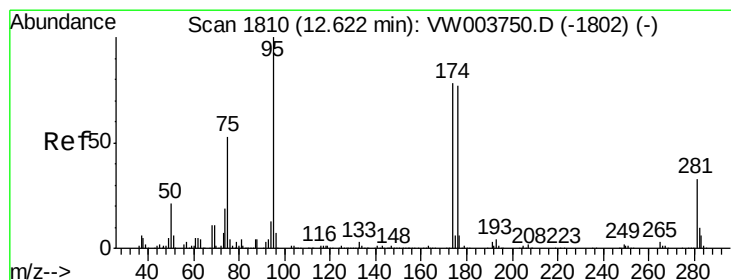
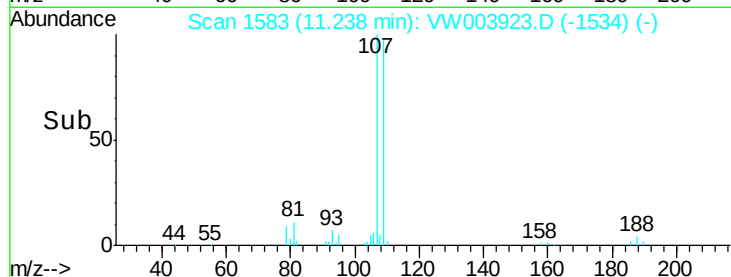
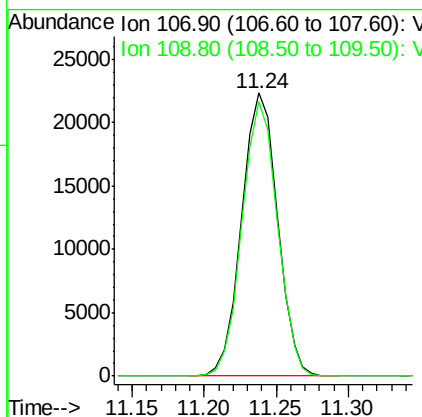
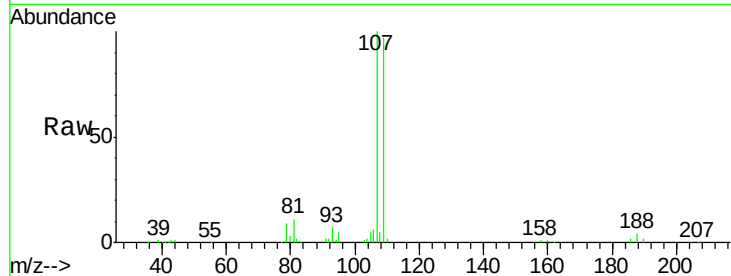
#61
 1,2-Dibromoethane
 Concen: 20.72 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW003923.D
 Acq: 13 Jul 2018 18:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0713SBSD01

Tot Ion: 107 Resp: 38584
 Ion Ratio Lower Upper
 107 100
 109 95.5 75.1 112.7

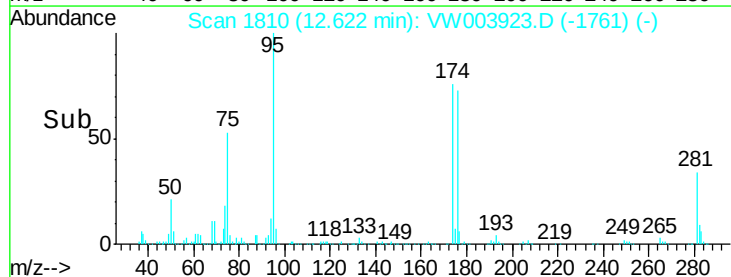
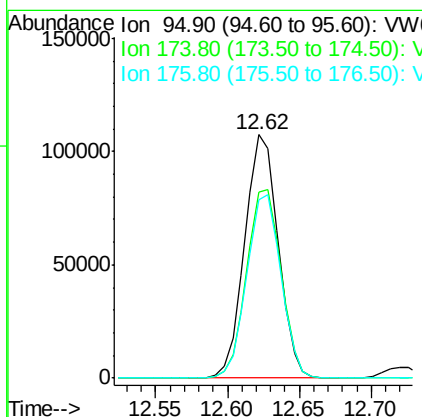
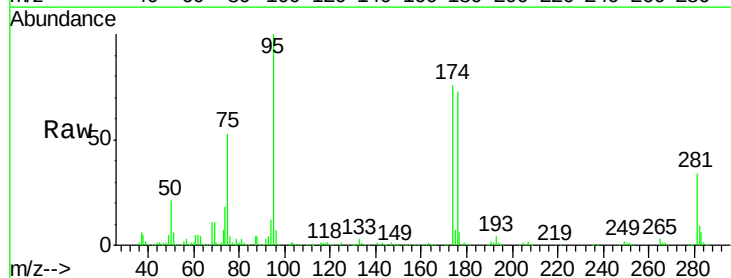
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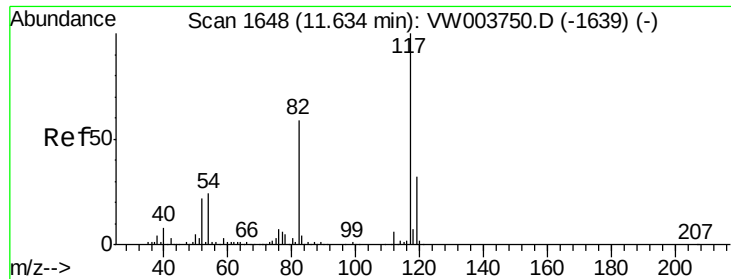
apatel
 7/16/2018 10:43:45 AM



#62
 4-Bromofluorobenzene
 Concen: 52.56 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VW003923.D
 Acq: 13 Jul 2018 18:54

Tgt Ion: 95 Resp: 172135
 Ion Ratio Lower Upper
 95 100
 174 80.2 0.0 163.4
 176 76.9 0.0 156.8





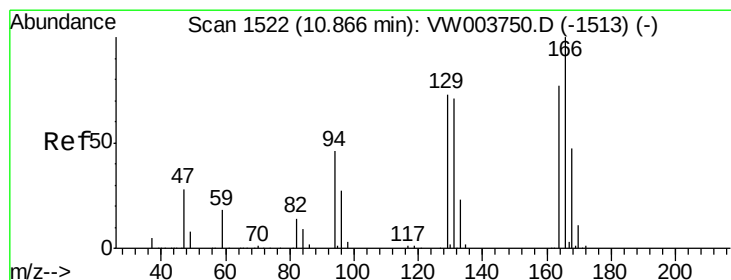
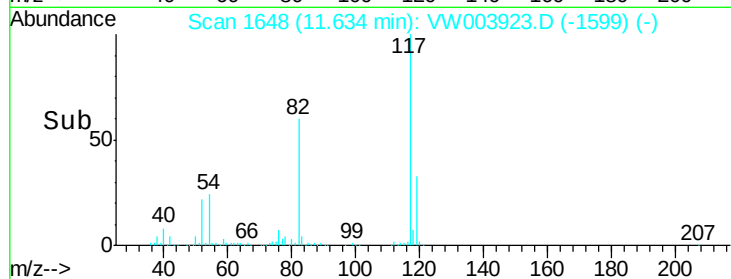
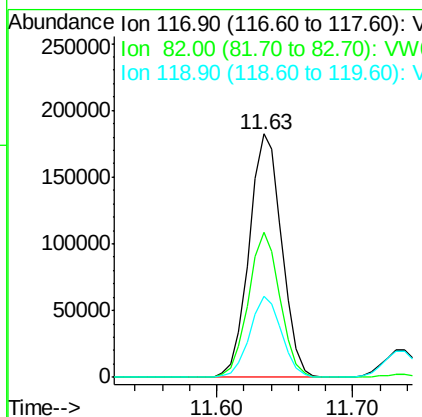
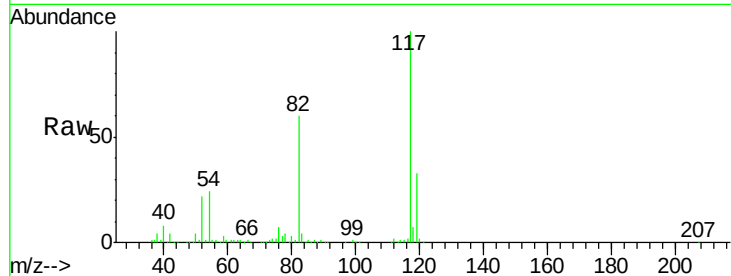
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW003923.D
Acq: 13 Jul 2018 18:54

Instrument :
MSVOA_W
ClientSampleId :
VW0713SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	305912		
82	59.5	46.9	70.3	
119	33.4	25.5	38.3	

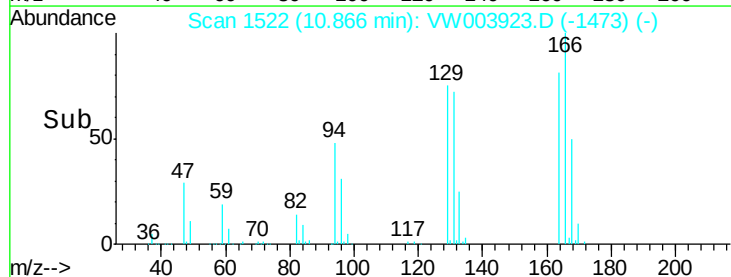
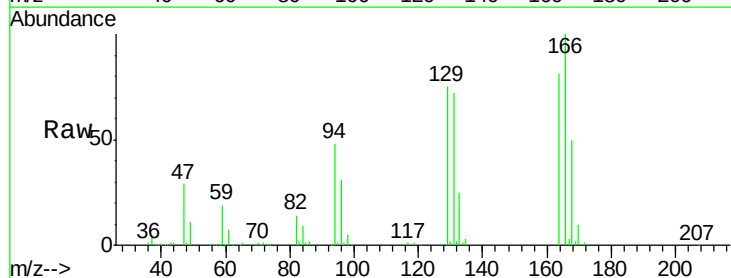
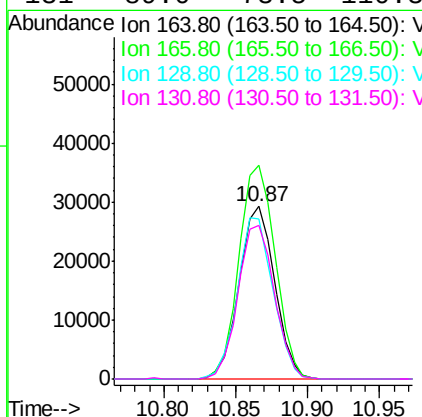
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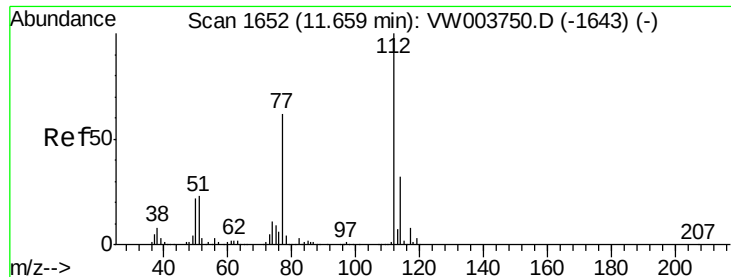
apatel
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#64
Tetrachloroethene
Concen: 22.25 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003923.D
Acq: 13 Jul 2018 18:54

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	50354		
166	123.6	104.2	156.4	
129	92.4	75.8	113.8	
131	89.0	73.5	110.3	





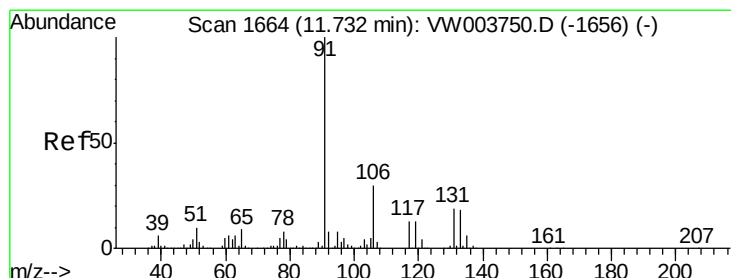
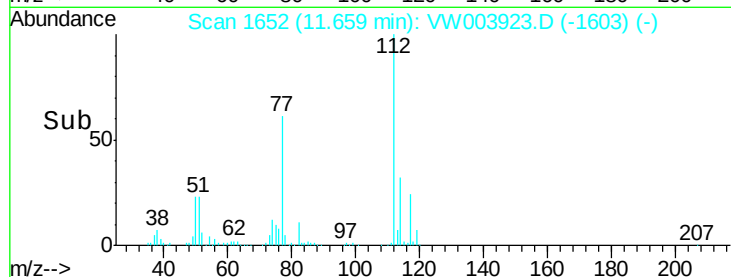
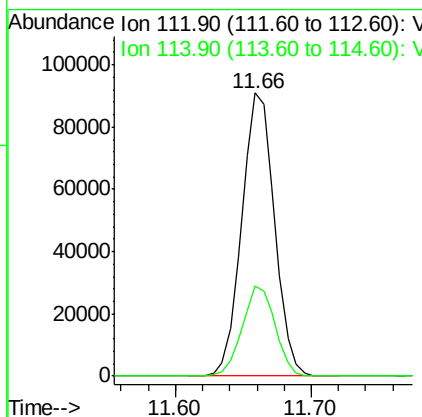
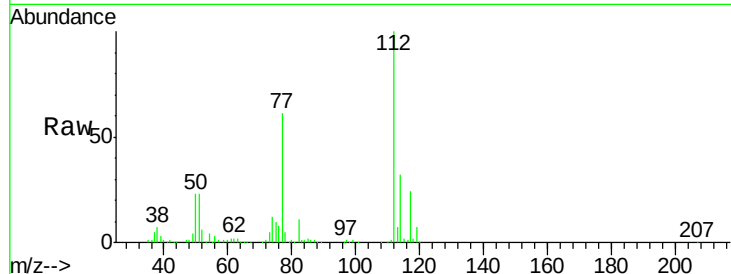
#65
Chlorobenzene
Concen: 22.65 ug/l
RT: 11.66 min Scan# 1652
Delta R.T. 0.00 min
Lab File: VW003923.D
Acq: 13 Jul 2018 18:54

Instrument :
MSVOA_W
ClientSampleId :
VW0713BSD01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.7	26.0	39.0

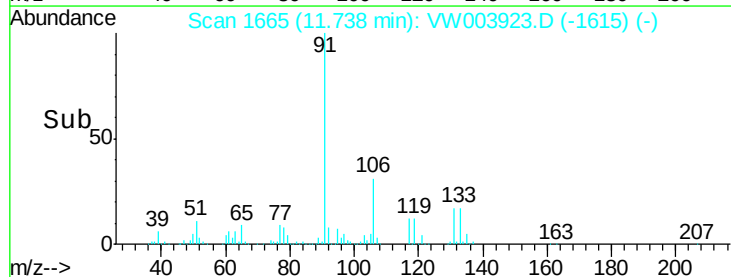
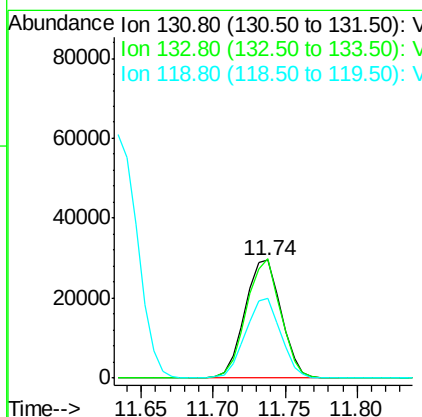
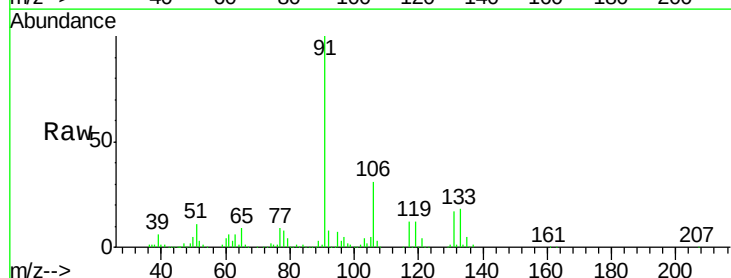
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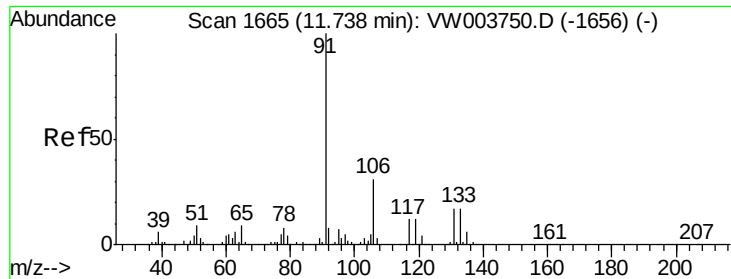
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.82 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.01 min
Lab File: VW003923.D
Acq: 13 Jul 2018 18:54

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.5	48.0	144.2
119	65.6	33.2	99.6





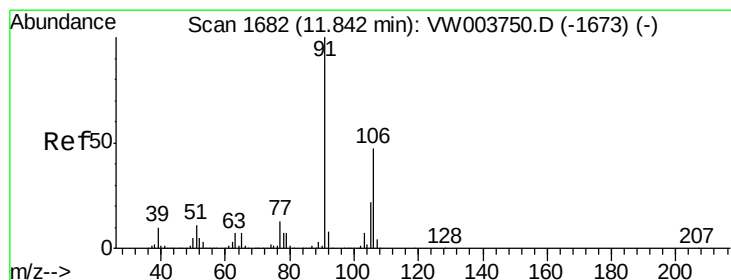
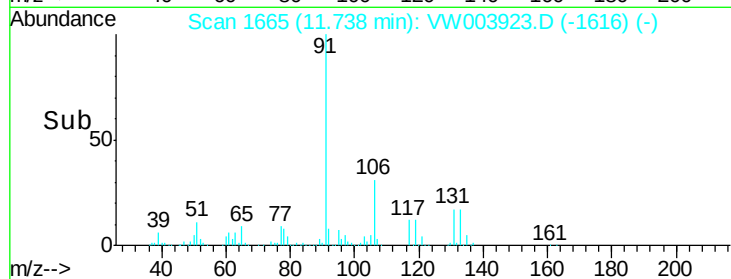
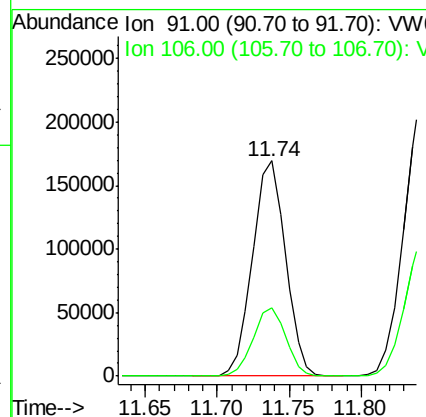
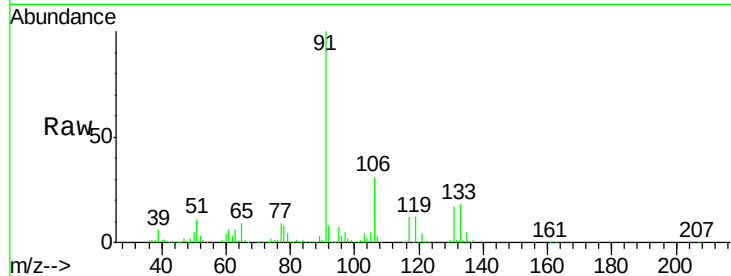
#67
Ethyl Benzene
Concen: 23.28 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003923.D
Acq: 13 Jul 2018 18:54

Instrument :
MSVOA_W
ClientSampleId :
VW0713SBSD01

Tot Ion: 91 Resp: 268439
Ion Ratio Lower Upper
91 100
106 31.4 24.6 37.0

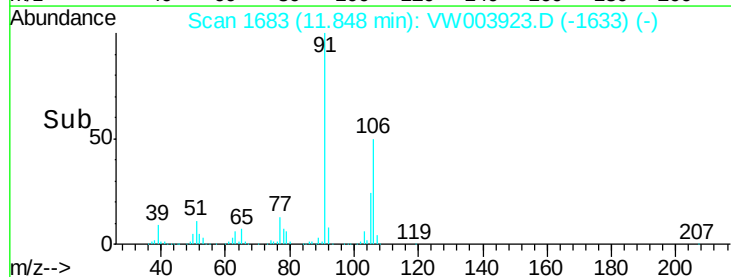
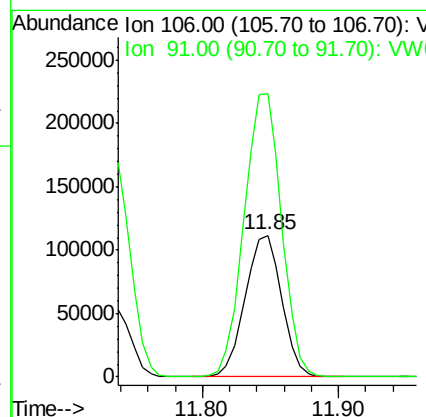
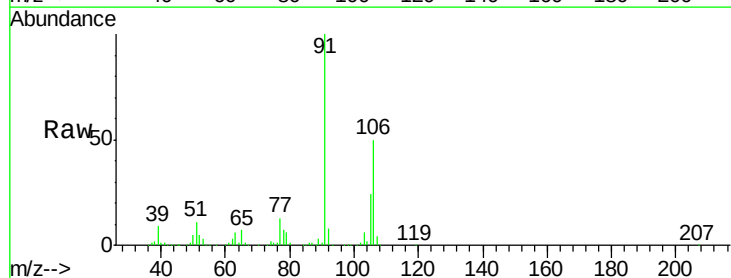
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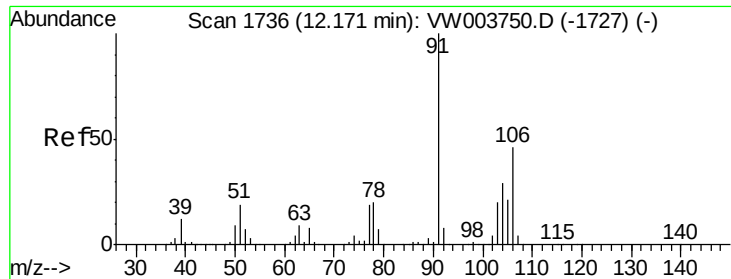
apatel
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#68
m/p-Xylenes
Concen: 47.54 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.01 min
Lab File: VW003923.D
Acq: 13 Jul 2018 18:54

Tgt Ion: 106 Resp: 209908
Ion Ratio Lower Upper
106 100
91 204.4 164.3 246.5





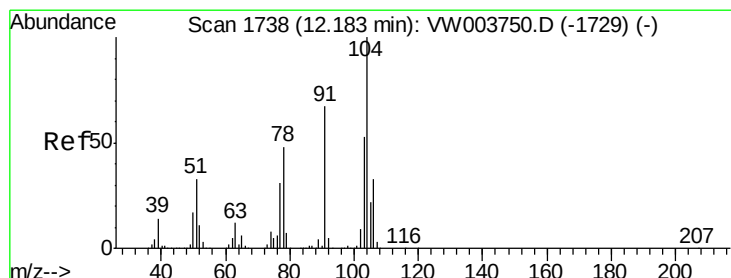
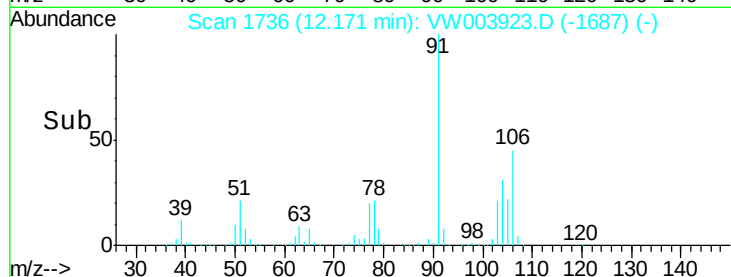
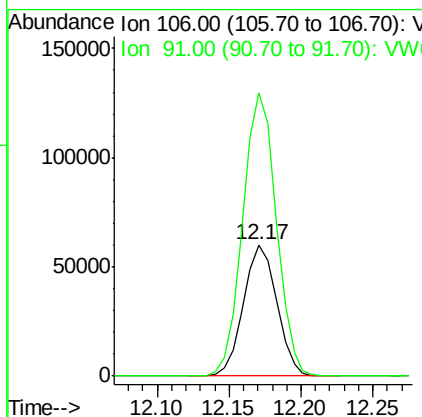
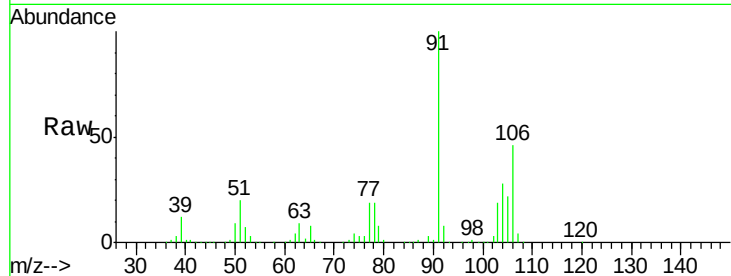
#69
o-Xylene
Concen: 23.62 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003923.D
Acq: 13 Jul 2018 18:54

Instrument :
MSVOA_W
ClientSampleId :
VW0713SBSD01

Tot Ion:106 Resp: 96227
Ion Ratio Lower Upper
106 100
91 217.6 109.1 327.2

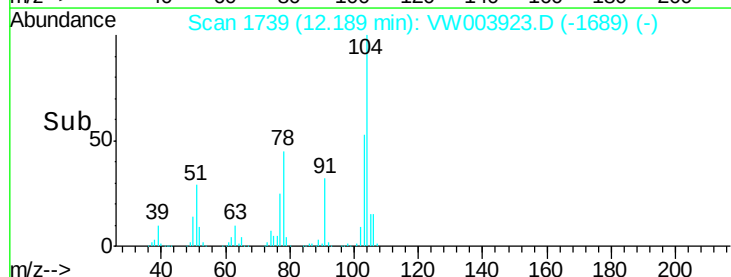
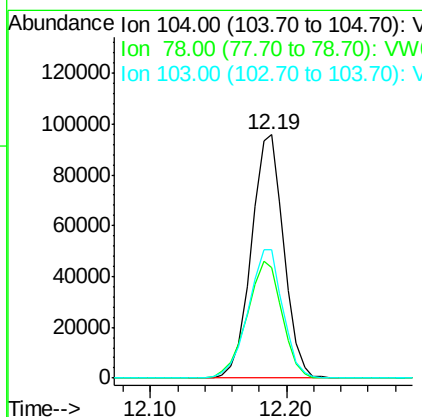
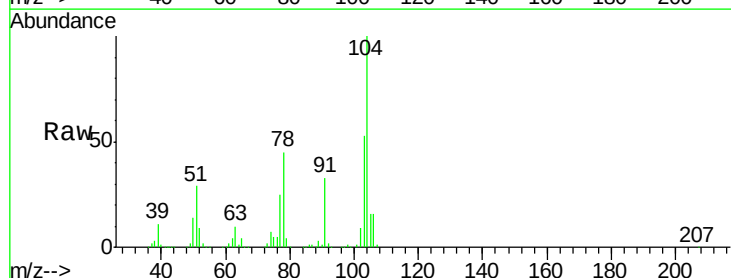
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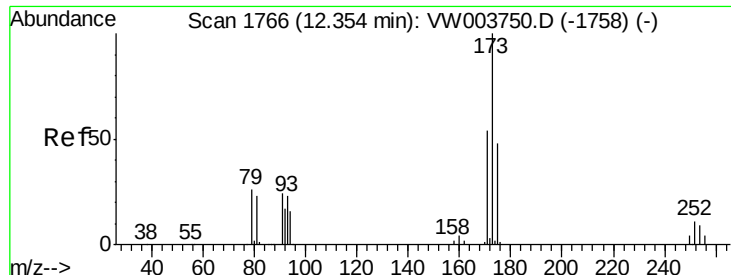
apatel
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#70
Styrene
Concen: 23.02 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.01 min
Lab File: VW003923.D
Acq: 13 Jul 2018 18:54

Tgt Ion:104 Resp: 159530
Ion Ratio Lower Upper
104 100
78 52.2 41.1 61.7
103 56.7 44.6 67.0





#71

Bromoform

Concen: 20.90 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW003923.D

Acq: 13 Jul 2018 18:54

Instrument :

MSVOA_W

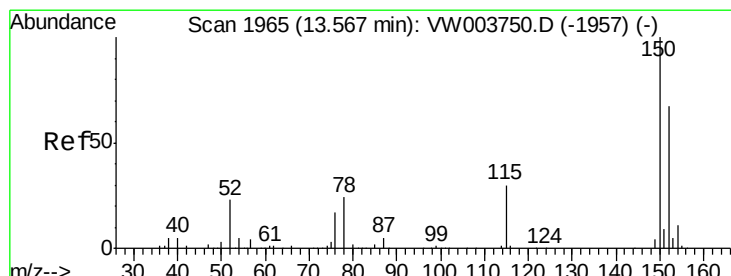
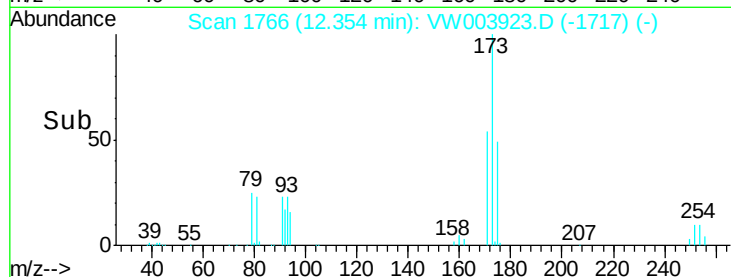
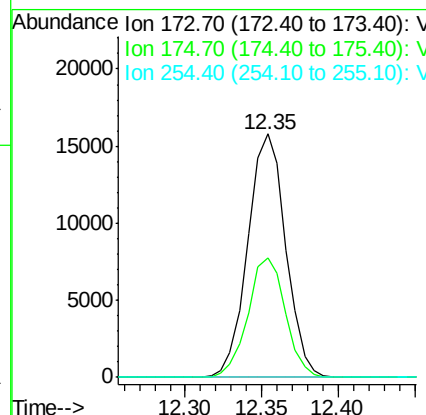
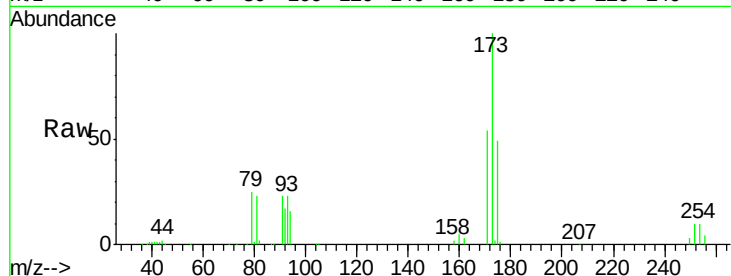
ClientSampleId :

VW0713SBSD01

Tot Ion:	173	Resp:	27177
Ion Ratio	Lower	Upper	
173	100		
175	48.5	24.1	72.4
254	0.0	0.0	0.0

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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

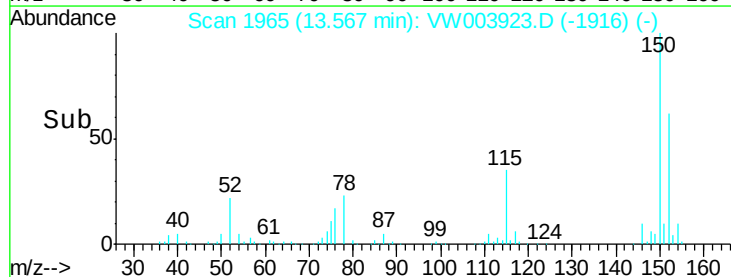
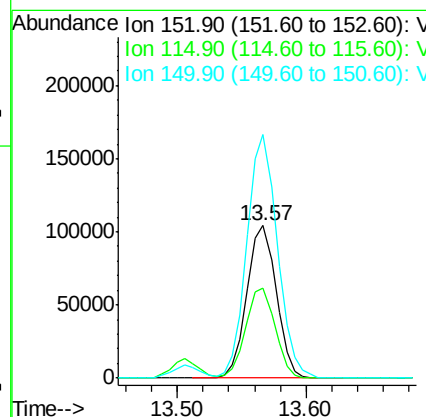
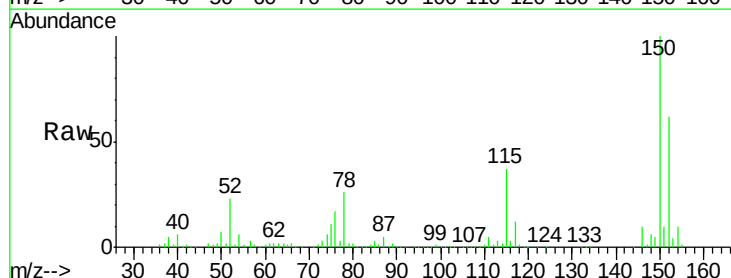
RT: 13.57 min Scan# 1965

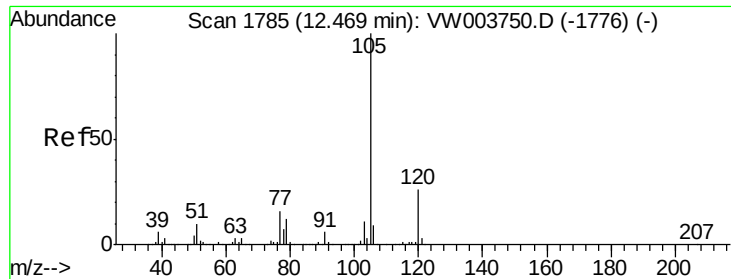
Delta R.T. 0.00 min

Lab File: VW003923.D

Acq: 13 Jul 2018 18:54

Tgt Ion:	152	Resp:	164601
Ion Ratio	Lower	Upper	
152	100		
115	59.0	28.9	86.8
150	165.2	0.0	342.4





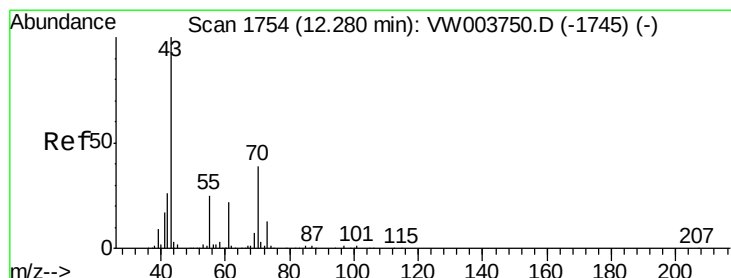
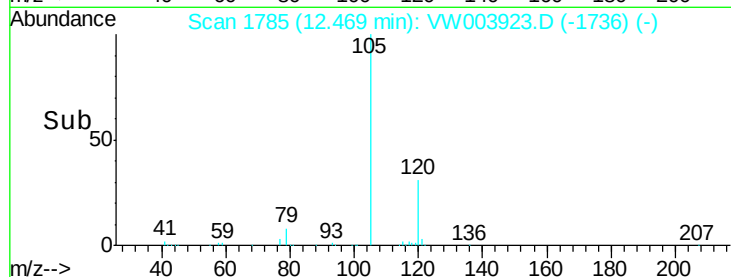
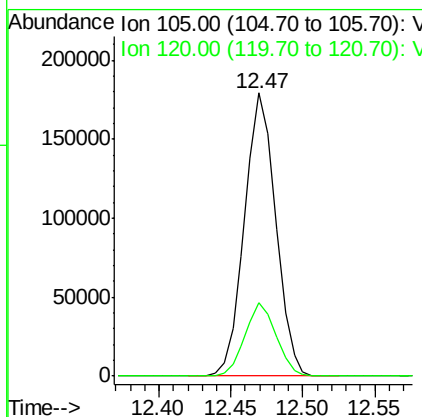
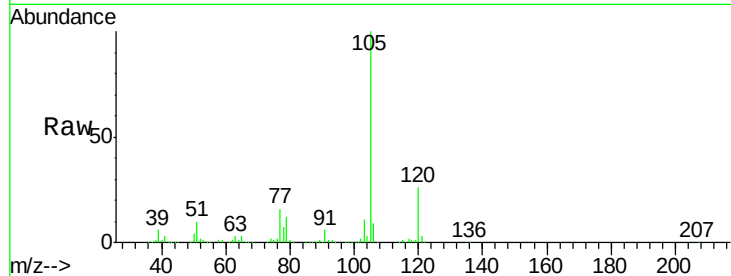
#73
Isopropylbenzene
Concen: 24.18 ug/l
RT: 12.47 min Scan# 1785
Delta R.T. 0.00 min
Lab File: VW003923.D
Acq: 13 Jul 2018 18:54

Instrument :
MSVOA_W
ClientSampleId :
VW0713SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	269512		
120	26.0	13.1	39.3	

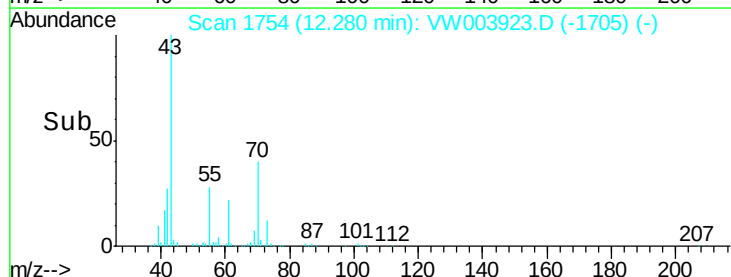
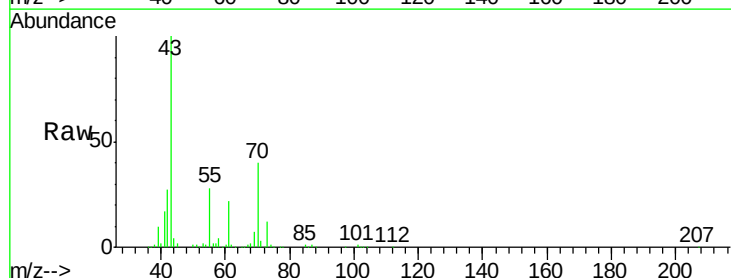
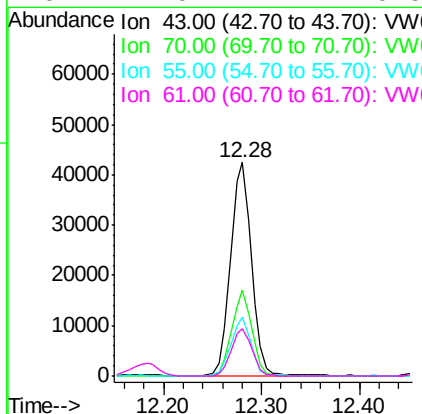
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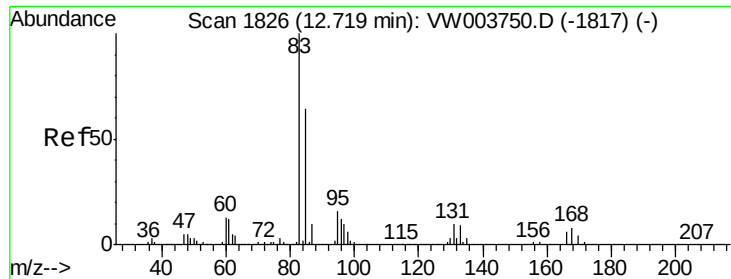
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#74
N-ethyl acetate
Concen: 20.81 ug/l
RT: 12.28 min Scan# 1754
Delta R.T. 0.00 min
Lab File: VW003923.D
Acq: 13 Jul 2018 18:54

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	62873		
70	38.8	31.3	46.9	
55	26.8	20.1	30.1	
61	22.0	17.7	26.5	





#75

1,1,2,2-Tetrachloroethane

Concen: 21.23 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW003923.D

Acq: 13 Jul 2018 18:54

Instrument :

MSVOA_W

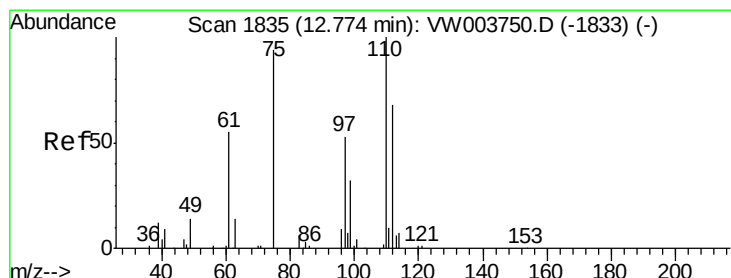
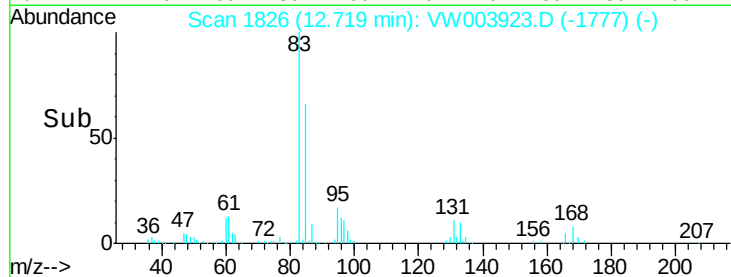
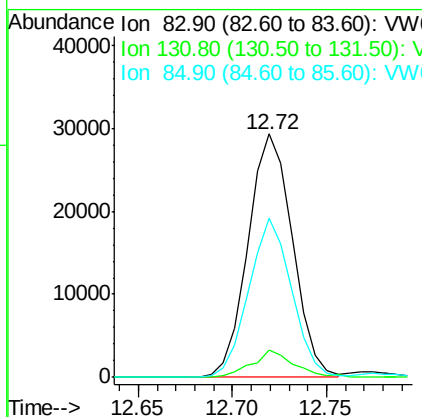
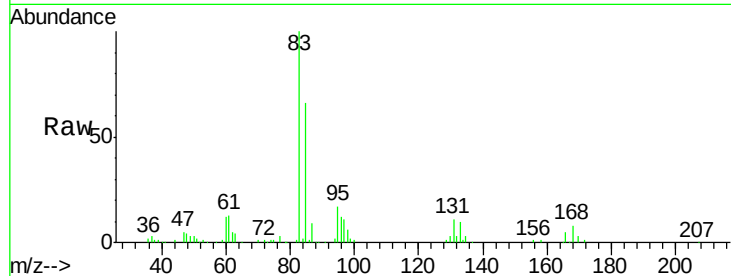
ClientSampleId :

VW0713SBS01

Tot Ion:	83	Resp:	47976
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.1	15.4
85	63.3	32.1	96.3

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#76

1,2,3-Trichloropropane

Concen: 24.02 ug/l m

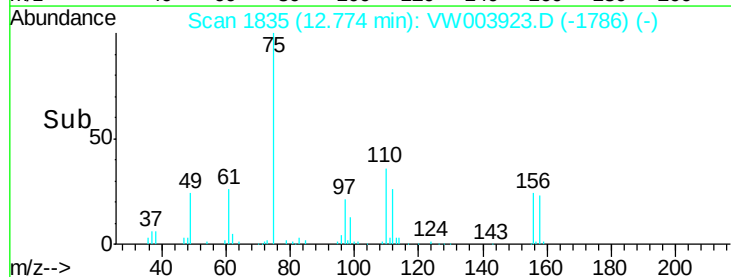
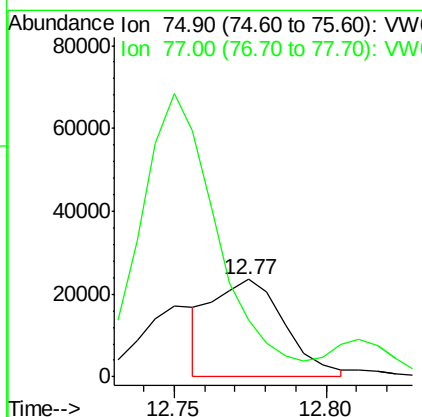
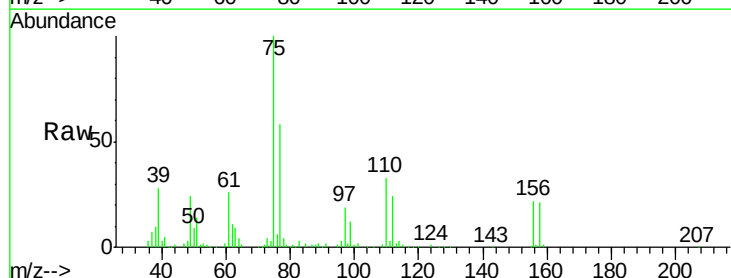
RT: 12.77 min Scan# 1835

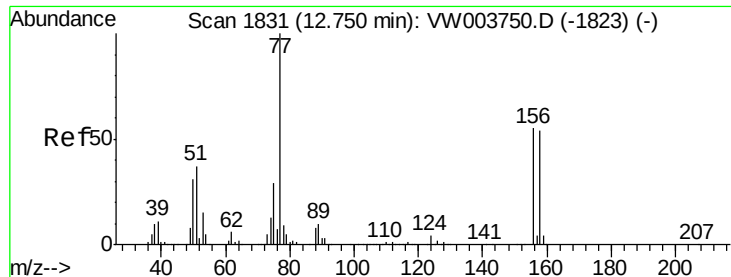
Delta R.T. 0.00 min

Lab File: VW003923.D

Acq: 13 Jul 2018 18:54

Tgt Ion:	75	Resp:	38820
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 22.60 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VW003923.D

Acq: 13 Jul 2018 18:54

Instrument :

MSVOA_W

ClientSampleId :

VW0713SBSD01

Tot Ion:156 Resp: 62555

Ion Ratio Lower Upper

156 100

77 193.7 98.7 296.0

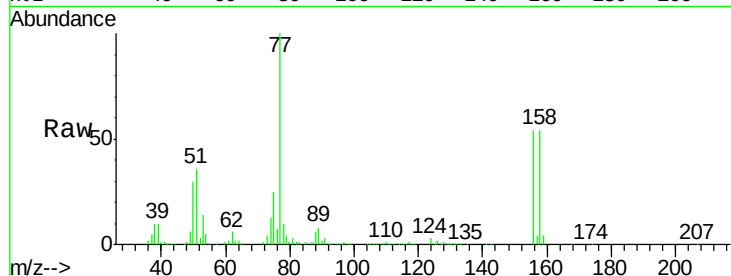
158 96.4 49.0 147.0

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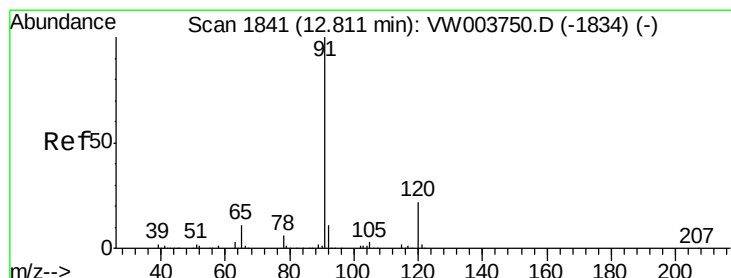
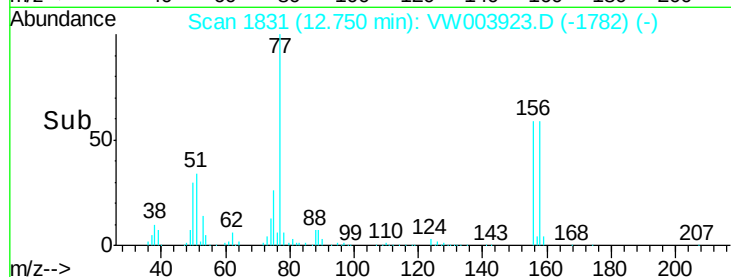
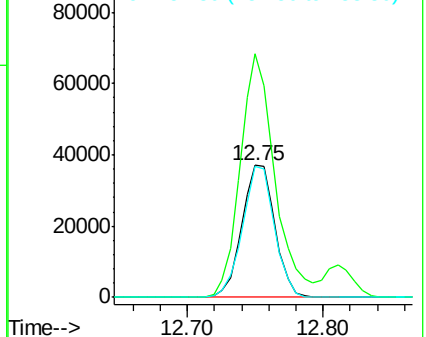
7/16/2018 10:43:45 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 24.31 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VW003923.D

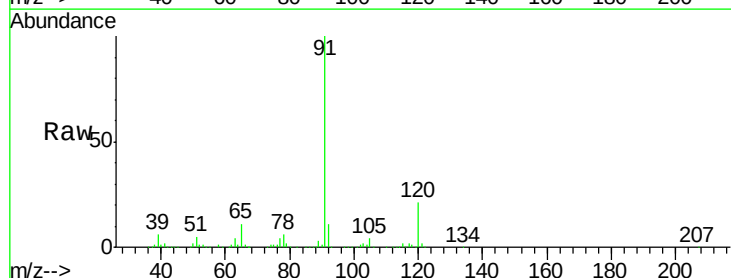
Acq: 13 Jul 2018 18:54

Tgt Ion: 91 Resp: 340206

Ion Ratio Lower Upper

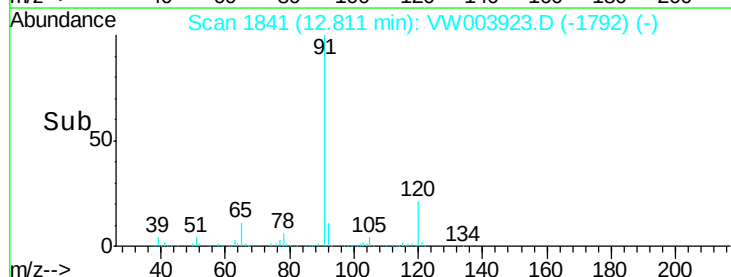
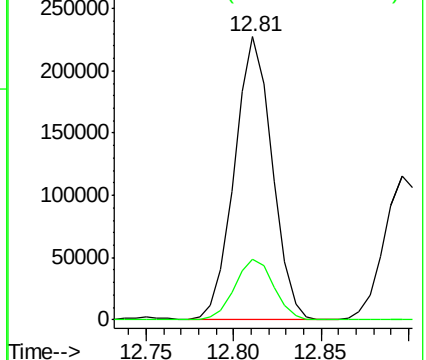
91 100

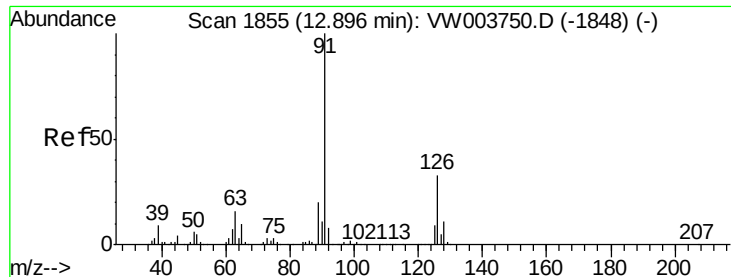
120 22.2 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 23.28 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW003923.D

Acq: 13 Jul 2018 18:54

Instrument :

MSVOA_W

ClientSampleId :

VW0713SBSD01

Tot Ion: 91 Resp: 187114

Ion Ratio Lower Upper

91 100

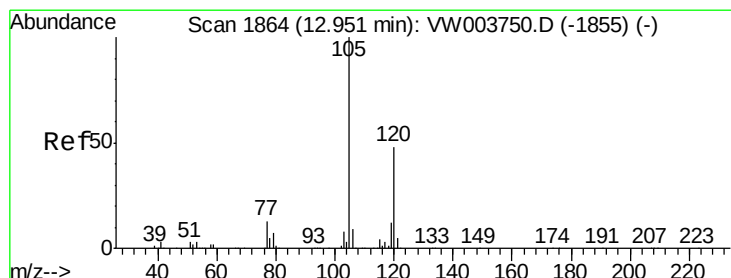
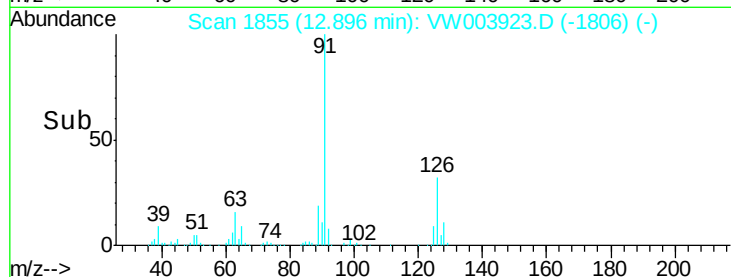
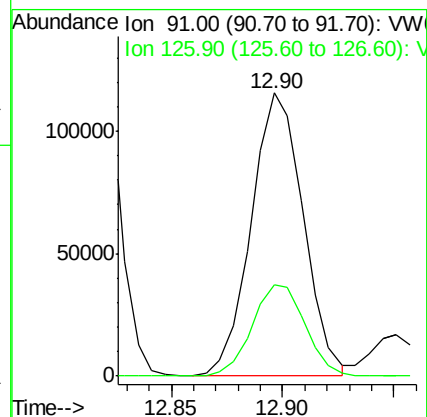
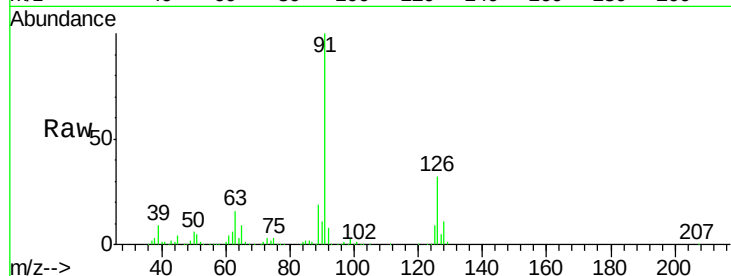
126 33.1 17.0 51.0

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#80

1,3,5-Trimethylbenzene

Concen: 23.88 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW003923.D

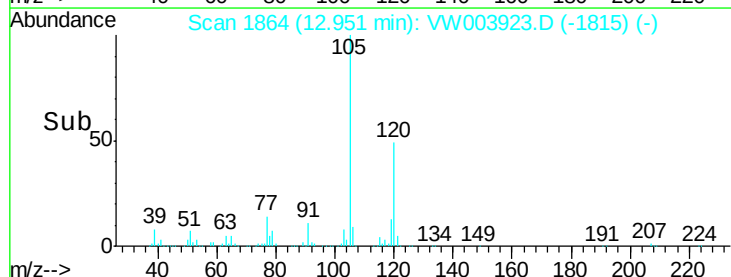
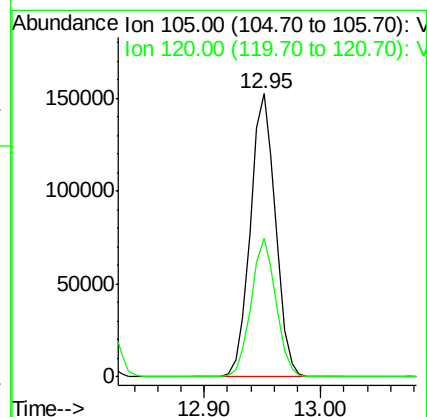
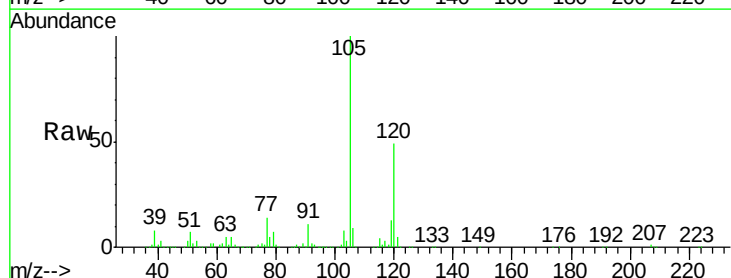
Acq: 13 Jul 2018 18:54

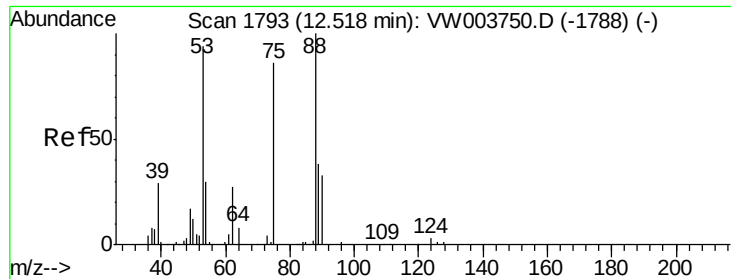
Tgt Ion:105 Resp: 229423

Ion Ratio Lower Upper

105 100

120 48.3 24.2 72.6





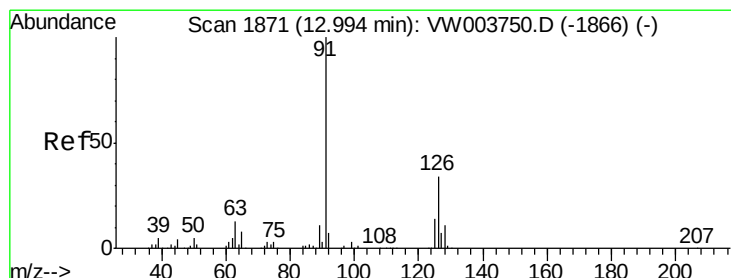
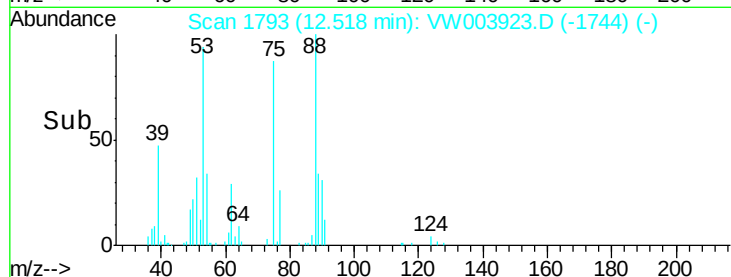
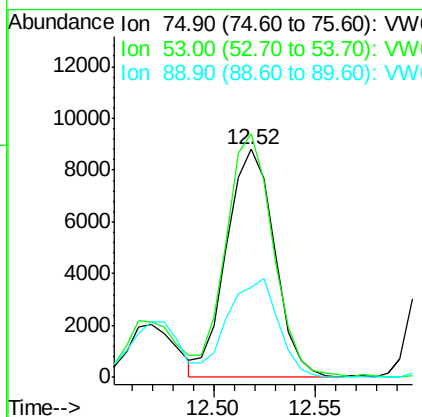
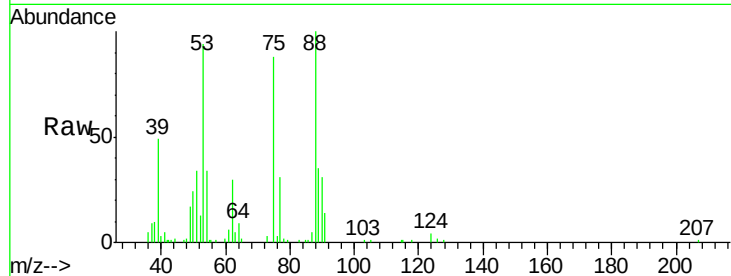
#81
trans-1,4-Dichloro-2-butene
Concen: 21.78 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VW003923.D
Acq: 13 Jul 2018 18:54

Instrument :
MSVOA_W
ClientSampleId :
VW0713SBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	105.5	85.0	127.6
89	45.0	36.3	54.5

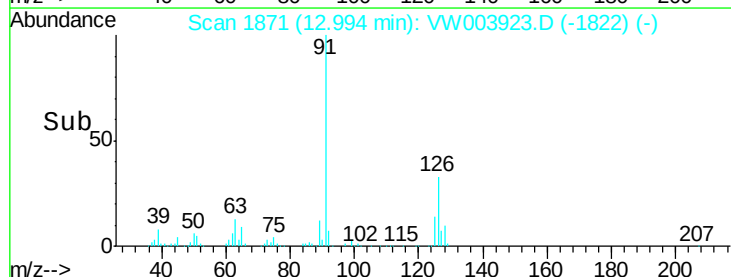
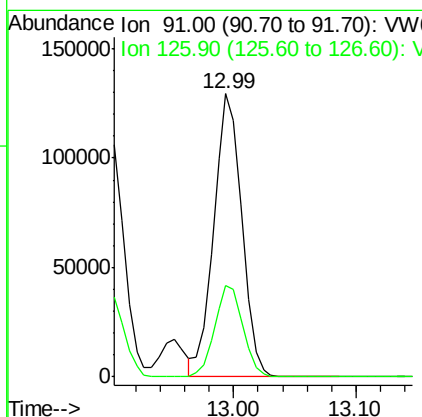
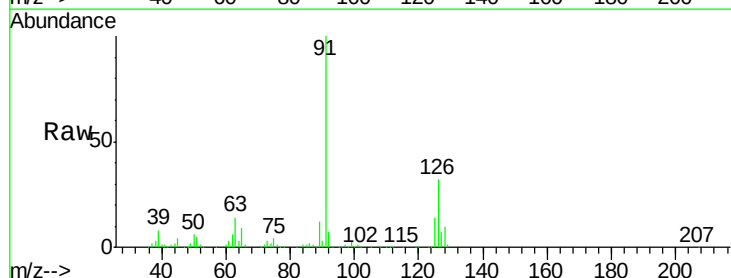
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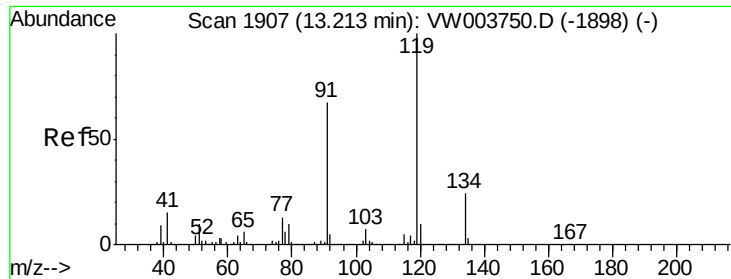
apatel
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#82
4-Chlorotoluene
Concen: 23.82 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. 0.00 min
Lab File: VW003923.D
Acq: 13 Jul 2018 18:54

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.7	16.5	49.5





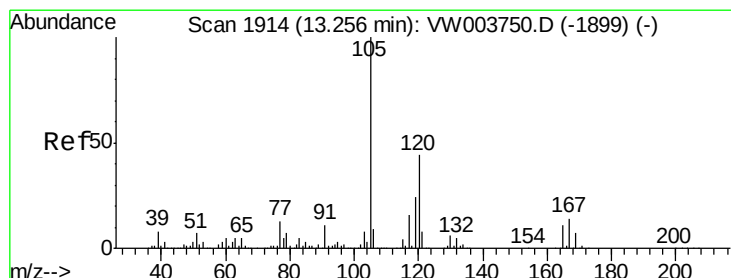
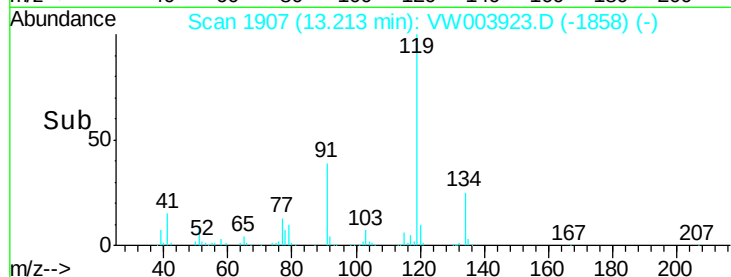
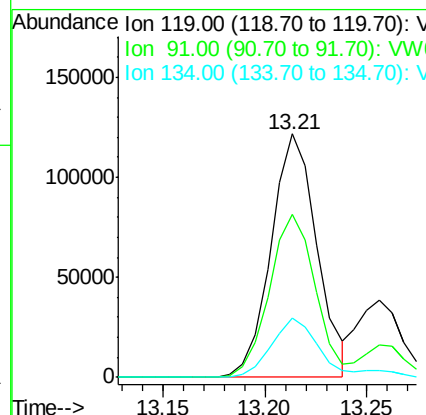
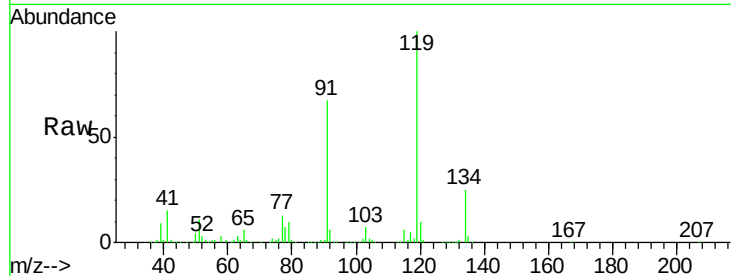
#83
tert-Butylbenzene
Concen: 24.10 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. 0.00 min
Lab File: VW003923.D
Acq: 13 Jul 2018 18:54

Instrument :
MSVOA_W
ClientSampleId :
VW0713SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	66.7	33.0	98.9
134	26.7	12.8	38.4

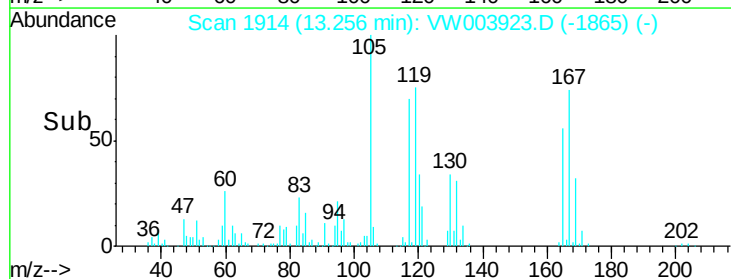
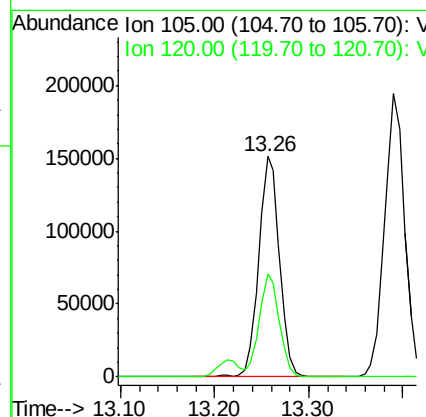
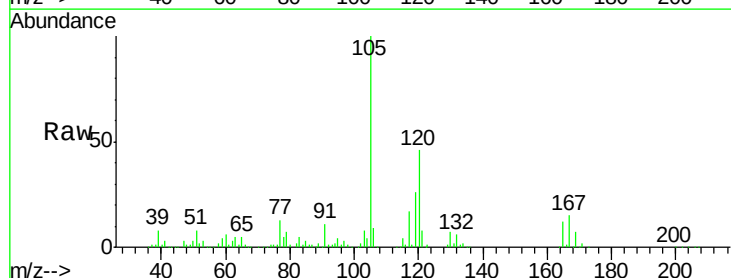
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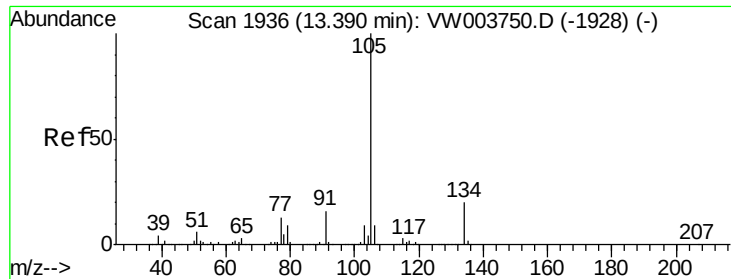
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#84
1,2,4-Trimethylbenzene
Concen: 23.61 ug/l
RT: 13.26 min Scan# 1914
Delta R.T. 0.00 min
Lab File: VW003923.D
Acq: 13 Jul 2018 18:54

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.9	22.0	66.0





#85

sec-Butylbenzene

Concen: 24.27 ug/l

RT: 13.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VW003923.D

Acq: 13 Jul 2018 18:54

Instrument :

MSVOA_W

ClientSampleId :

VW0713BSD01

Tot Ion:105 Resp: 287636

Ion Ratio Lower Upper

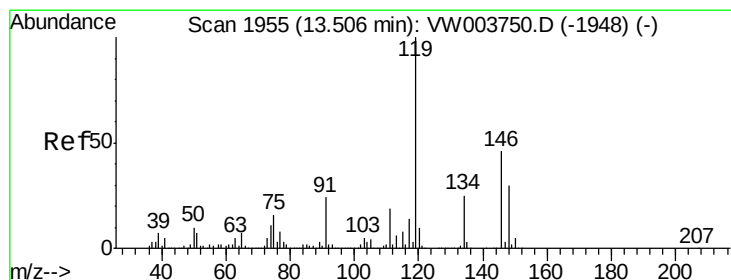
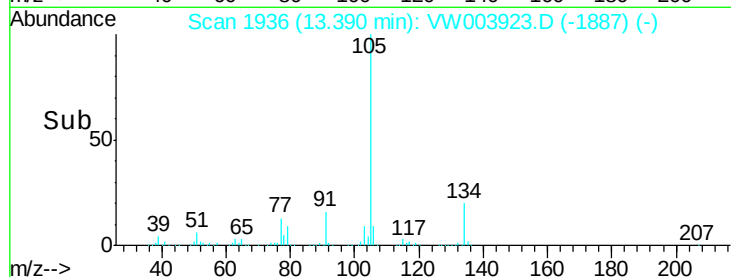
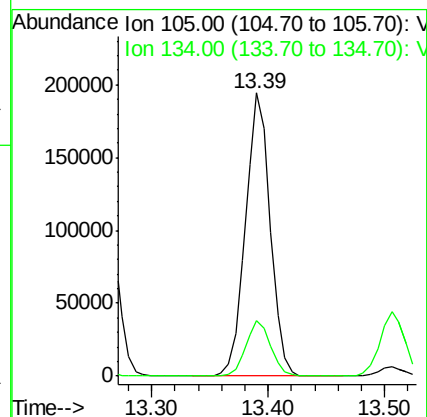
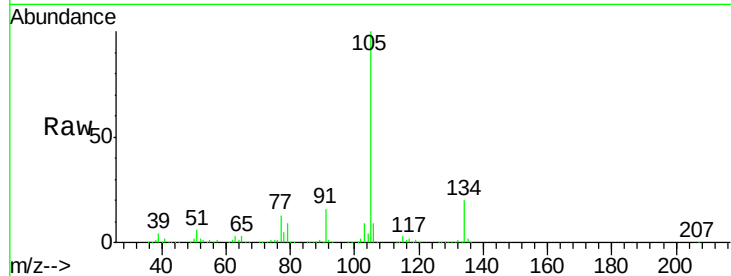
105 100

134 19.6 9.8 29.4

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#86

p-Isopropyltoluene

Concen: 24.60 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW003923.D

Acq: 13 Jul 2018 18:54

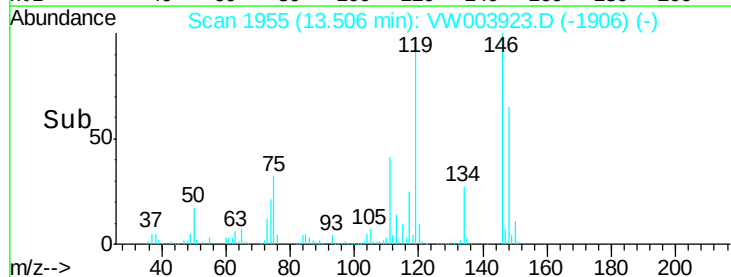
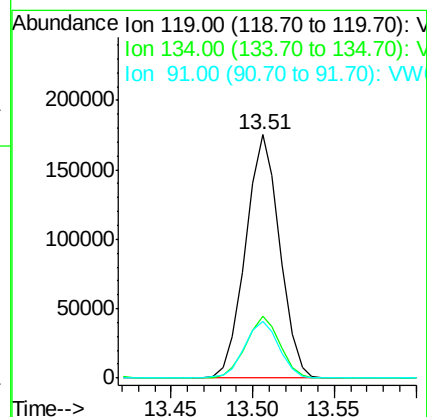
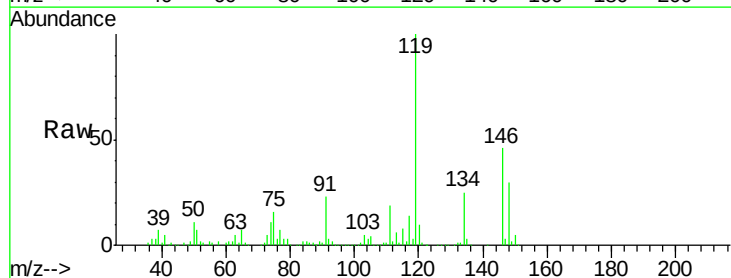
Tgt Ion:119 Resp: 254821

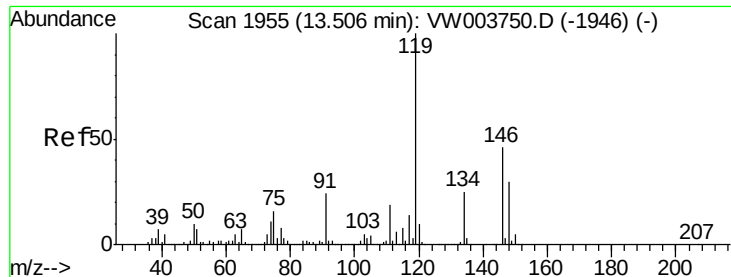
Ion Ratio Lower Upper

119 100

134 25.4 13.1 39.1

91 23.8 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 22.86 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW003923.D

Acq: 13 Jul 2018 18:54

Instrument :

MSVOA_W

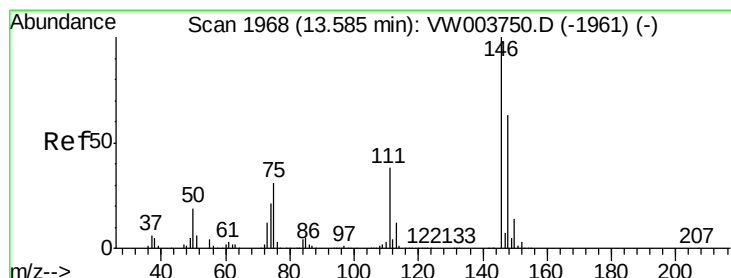
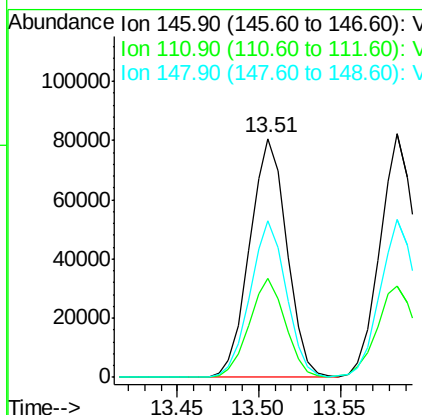
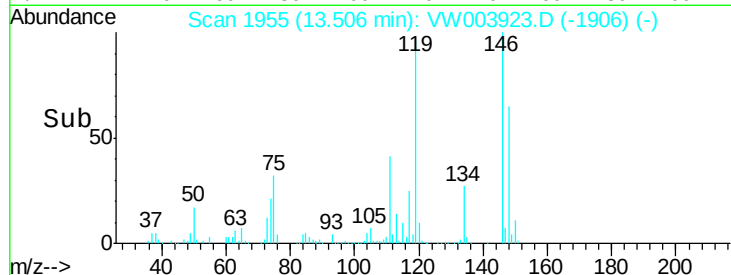
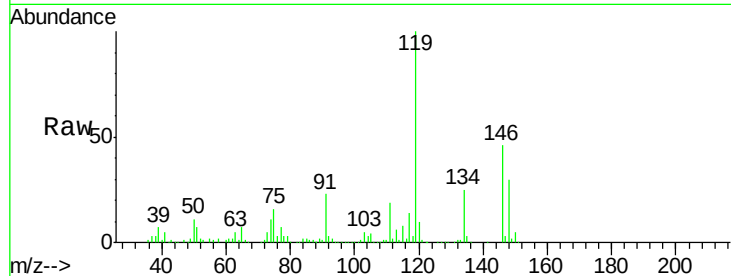
ClientSampleId :

VW0713SBSD01

Tot Ion:	146	Resp:	128153
Ion Ratio	Lower	Upper	
146	100		
111	40.3	20.2	60.5
148	63.5	31.9	95.7

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#88

1,4-Dichlorobenzene

Concen: 22.48 ug/l

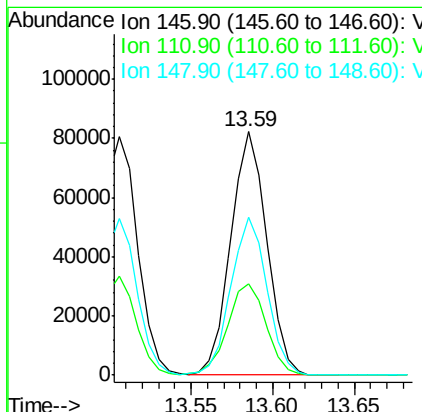
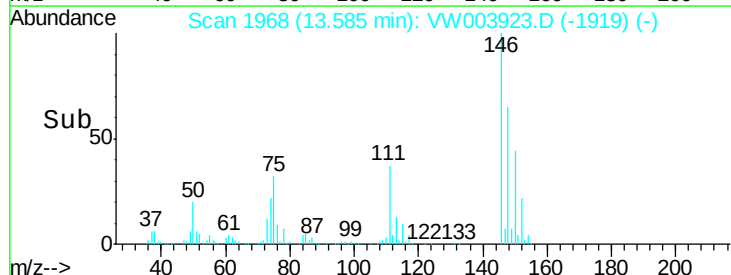
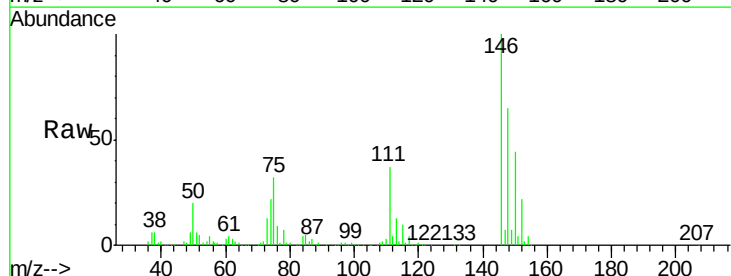
RT: 13.59 min Scan# 1968

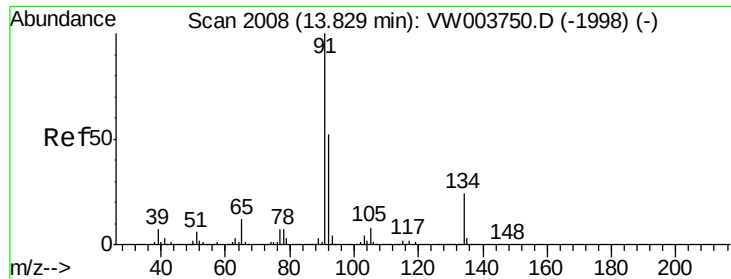
Delta R.T. 0.00 min

Lab File: VW003923.D

Acq: 13 Jul 2018 18:54

Tgt Ion:	146	Resp:	126764
Ion Ratio	Lower	Upper	
146	100		
111	40.0	19.4	58.4
148	65.0	31.9	95.7





#89

n-Butylbenzene

Concen: 23.75 ug/l

RT: 13.83 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VW003923.D

Acq: 13 Jul 2018 18:54

Instrument :

MSVOA_W

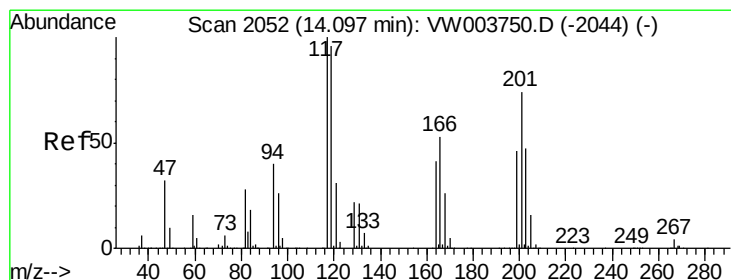
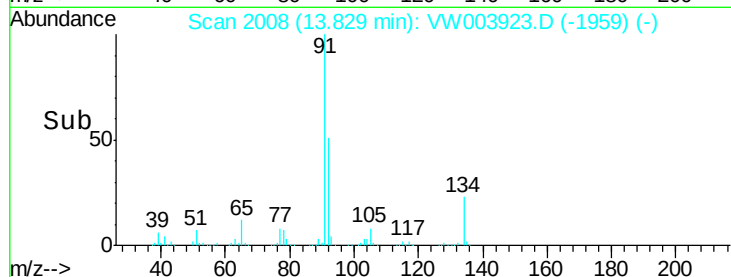
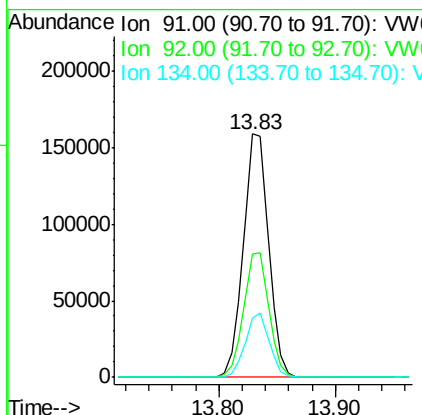
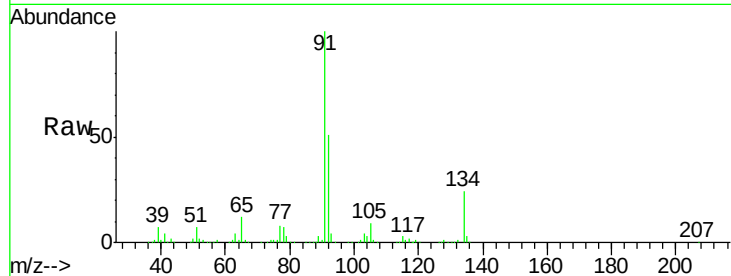
ClientSampleId :

VW0713SBS01

Tot Ion:	91	Resp:	241987
Ion	Ratio	Lower	Upper
91	100		
92	51.0	26.1	78.3
134	25.0	12.4	37.4

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#90

Hexachloroethane

Concen: 22.57 ug/l

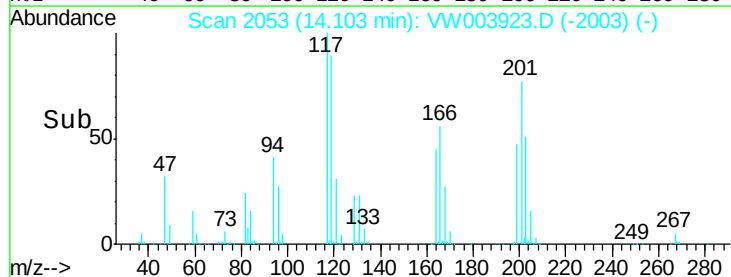
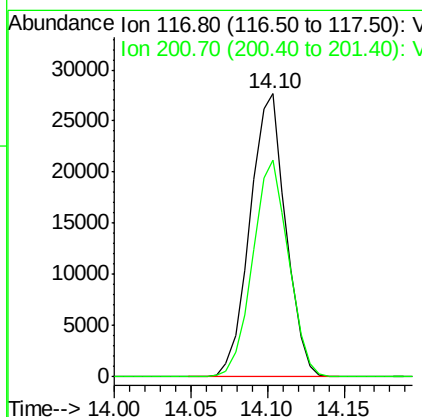
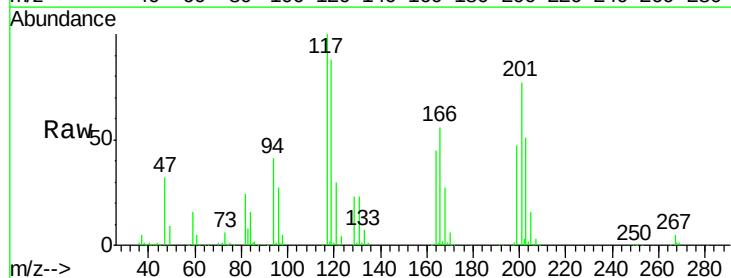
RT: 14.10 min Scan# 2053

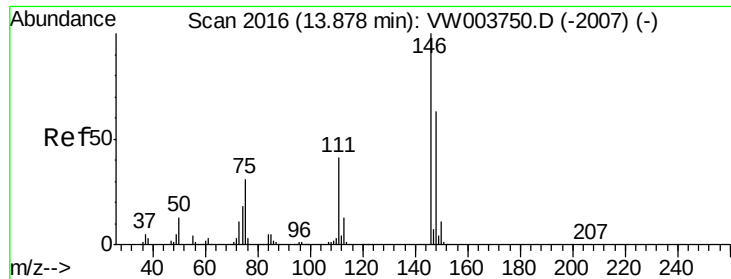
Delta R.T. 0.01 min

Lab File: VW003923.D

Acq: 13 Jul 2018 18:54

Tgt Ion:	117	Resp:	45024
Ion	Ratio	Lower	Upper
117	100		
201	76.7	39.2	117.6





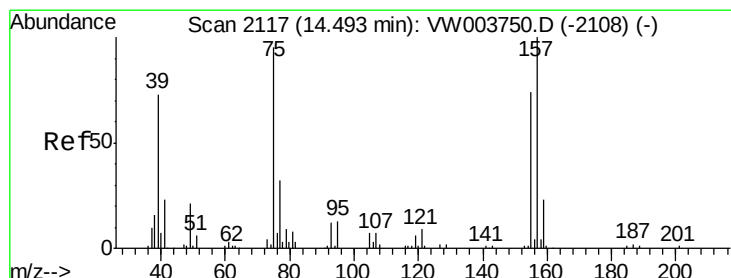
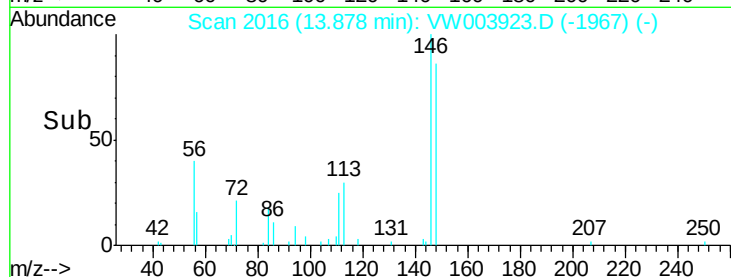
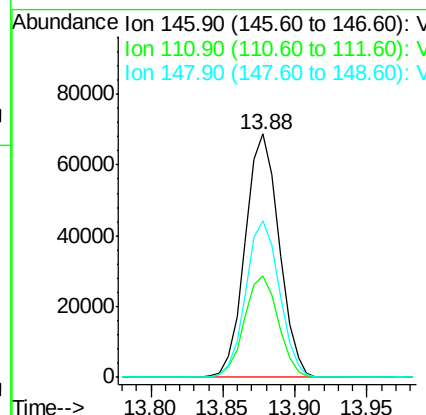
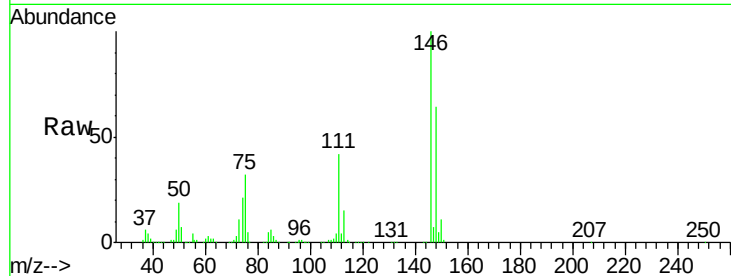
#91
 1,2-Dichlorobenzene
 Concen: 22.24 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW003923.D
 Acq: 13 Jul 2018 18:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0713SBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.6	20.7	62.1
148	63.7	31.9	95.9

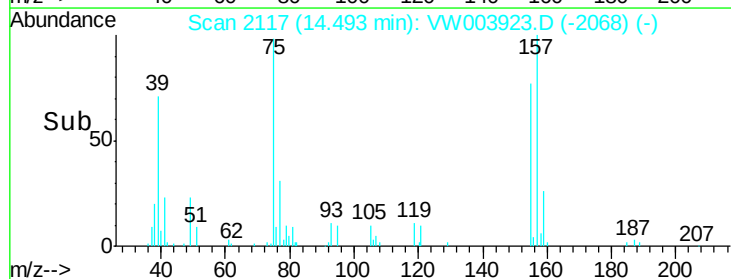
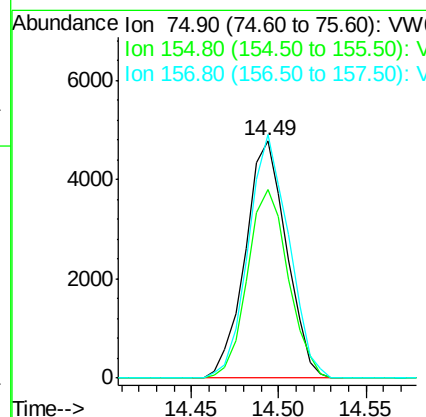
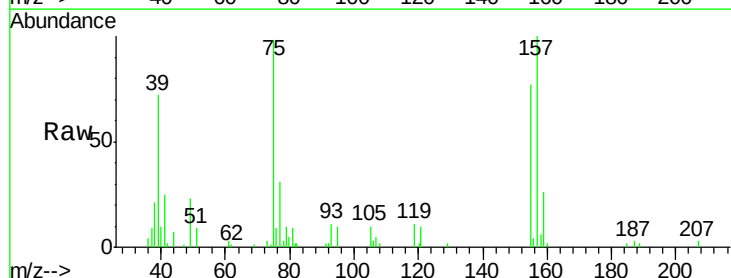
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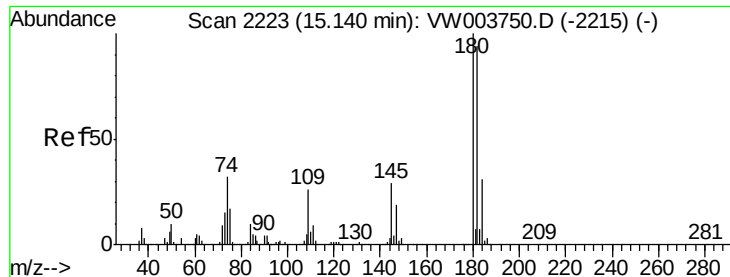
apatel
 7/16/2018 10:43:45 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.00 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW003923.D
 Acq: 13 Jul 2018 18:54

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.9	39.2	117.6
157	100.7	50.7	152.1





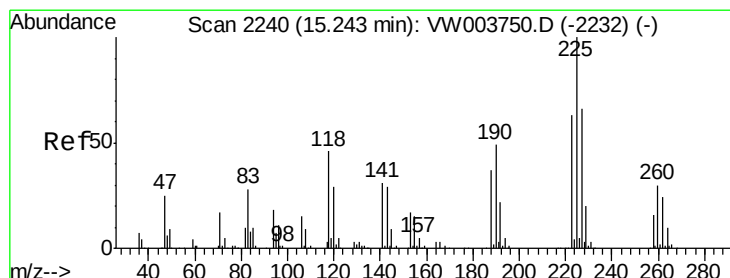
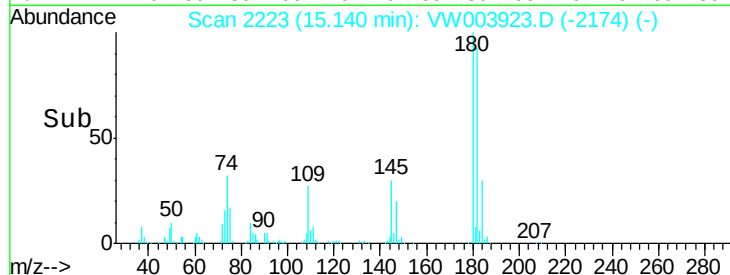
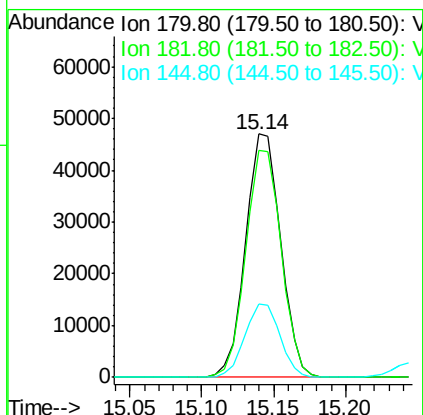
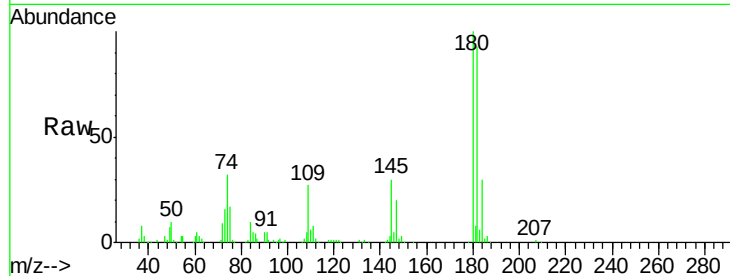
#93
 1,2,4-Trichlorobenzene
 Concen: 23.10 ug/l
 RT: 15.14 min Scan# 2223
 Delta R.T. 0.00 min
 Lab File: VW003923.D
 Acq: 13 Jul 2018 18:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0713SBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.4	142.2
145	30.7	15.0	45.0

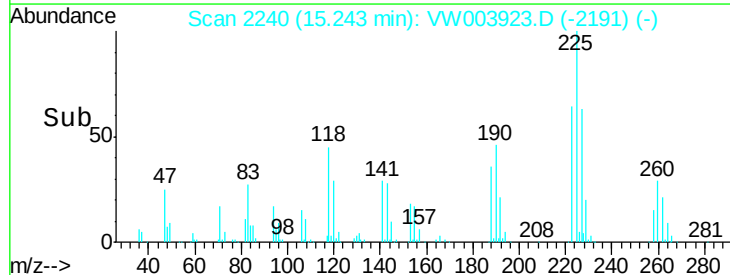
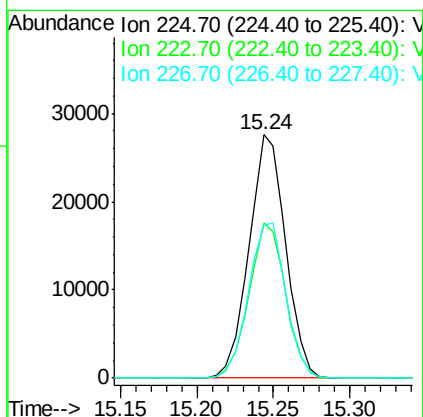
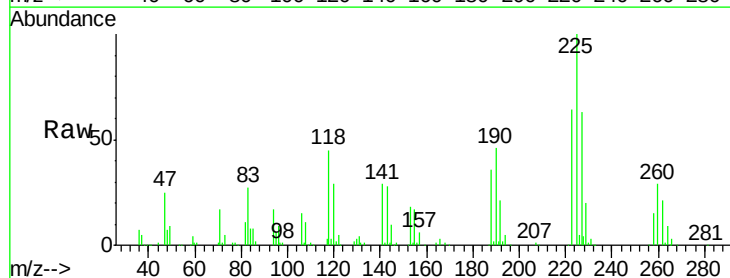
Manual Integrations
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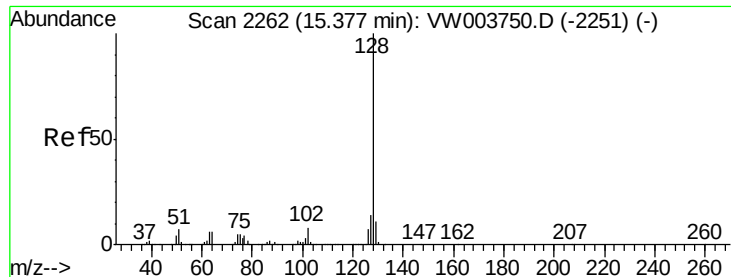
apatel
 7/16/2018 10:43:45 AM



#94
 Hexachlorobutadiene
 Concen: 23.46 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. 0.00 min
 Lab File: VW003923.D
 Acq: 13 Jul 2018 18:54

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	32.6	97.7
227	65.1	32.5	97.5





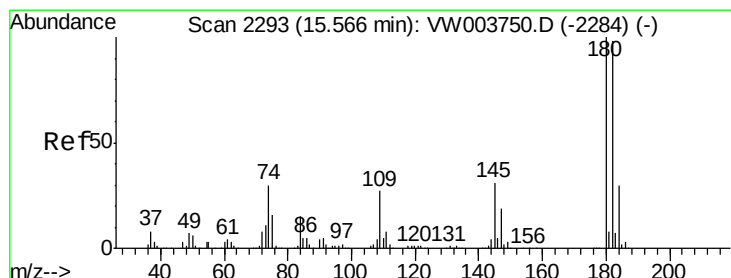
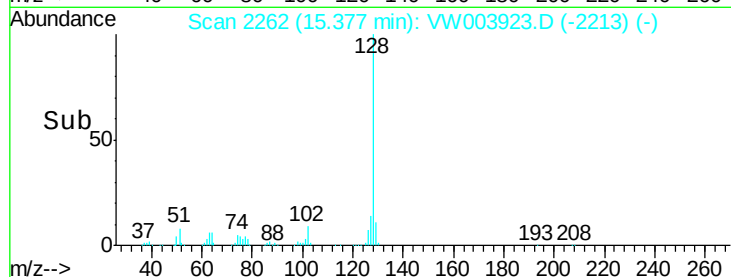
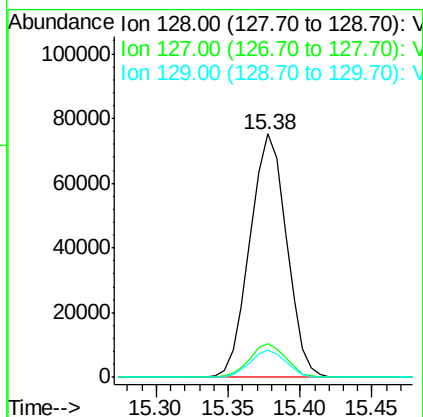
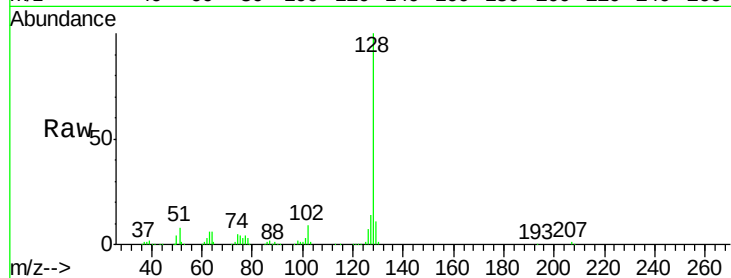
#95
Naphthalene
Concen: 21.78 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW003923.D
Acq: 13 Jul 2018 18:54

Instrument :
MSVOA_W
ClientSampleId :
VW0713BSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.8	16.2
129	11.0	8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 22.62 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VW003923.D
Acq: 13 Jul 2018 18:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.8	47.4	142.3
145	31.1	15.8	47.4

