

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072318\
 Data File : VW004130.D
 Acq On : 23 Jul 2018 12:10
 Operator : SY/AP
 Sample : VW0723SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0723SBS01

Manual Integrations
 APPROVED

apatel
 7/24/2018 11:49:38 AM

Quant Time: Jul 23 15:16:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 15:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	282085	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	429568	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	397840	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	207821	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	154975	49.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.30%	
35) Dibromofluoromethane	7.88	113	142038	51.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.06%	
50) Toluene-d8	10.33	98	566516	52.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.94%	
62) 4-Bromofluorobenzene	12.62	95	199915	51.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	26893	16.98	ug/l	97
3) Chloromethane	2.21	50	46032	22.08	ug/l	99
4) Vinyl Chloride	2.36	62	58741	20.48	ug/l	98
5) Bromomethane	2.78	94	36475	20.35	ug/l	95
6) Chloroethane	2.92	64	32737	20.09	ug/l	100
7) Trichlorofluoromethane	3.25	101	28607	23.76	ug/l	93
8) Diethyl Ether	3.67	74	26905	19.25	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.05	101	57977	20.87	ug/l	98
10) Methyl Iodide	4.26	142	83173	20.84	ug/l	99
11) Tert butyl alcohol	5.21	59	16732	76.87	ug/l #	86
12) 1,1-Dichloroethene	4.03	96	57286	20.90	ug/l	94
13) Acrolein	3.89	56	18684	83.54	ug/l	97
14) Allyl chloride	4.66	41	96401	21.30	ug/l	99
15) Acrylonitrile	5.37	53	63643	88.87	ug/l	100
16) Acetone	4.14	43	64684	85.37	ug/l	100
17) Carbon Disulfide	4.37	76	182427	21.32	ug/l	99
18) Methyl Acetate	4.67	43	29482	16.21	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	98227	18.70	ug/l	99
20) Methylene Chloride	4.91	84	70603	15.72	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	60969	20.29	ug/l	96
22) Diisopropyl ether	6.31	45	189196	20.69	ug/l	99
23) Vinyl Acetate	6.26	43	531922	91.80	ug/l	100
24) 1,1-Dichloroethane	6.21	63	115282	20.66	ug/l	99
25) 2-Butanone	7.18	43	85430	83.78	ug/l	95
26) 2,2-Dichloropropane	7.17	77	70198	21.92	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	64617	19.89	ug/l	99
28) Bromochloromethane	7.51	49	45941	20.12	ug/l	99
29) Tetrahydrofuran	7.54	42	51527	81.13	ug/l	100
30) Chloroform	7.68	83	113465	20.44	ug/l	100
31) Cyclohexane	7.95	56	107837	20.62	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	92284	21.29	ug/l	100
36) 1,1-Dichloropropene	8.08	75	92802	21.00	ug/l	99
37) Ethyl Acetate	7.26	43	37047	17.38	ug/l	99
38) Carbon Tetrachloride	8.07	117	87246	21.13	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	105622	20.41	ug/l	95
40) Benzene	8.32	78	259130	21.13	ug/l	100
41) Methacrylonitrile	7.49	41	23398	19.81	ug/l #	85
42) 1,2-Dichloroethane	8.40	62	74405	19.89	ug/l	100
43) Isopropyl Acetate	8.43	43	68007	17.06	ug/l	98
44) Trichloroethene	9.09	130	66826	21.02	ug/l	91
45) 1,2-Dichloropropane	9.37	63	64935	20.75	ug/l	100
46) Dibromomethane	9.46	93	31258	19.25	ug/l	98
47) Bromodichloromethane	9.65	83	80389	20.08	ug/l	97
48) Methyl methacrylate	9.44	41	33080	17.16	ug/l	95
49) 1,4-Dioxane	9.47	88	9607	384.86	ug/l #	79
51) 4-Methyl-2-Pentanone	10.21	43	181079	85.25	ug/l	100
52) Toluene	10.39	92	162156	21.39	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	80755	19.29	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	95554	19.95	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	45383	19.87	ug/l	97
56) Ethyl methacrylate	10.65	69	50313	17.44	ug/l	97
57) 1,3-Dichloropropane	10.93	76	77199	19.45	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	132480	97.78	ug/l	100
59) 2-Hexanone	10.98	43	128840	86.06	ug/l	97
60) Dibromochloromethane	11.13	129	52029	19.56	ug/l	99
61) 1,2-Dibromoethane	11.24	107	42342	19.48	ug/l	98
64) Tetrachloroethene	10.87	164	55092	20.18	ug/l	98
65) Chlorobenzene	11.66	112	169263	20.01	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.74	131	58719	19.97	ug/l	100
67) Ethyl Benzene	11.74	91	293283	19.74	ug/l	99
68) m/p-Xylenes	11.85	106	231781	40.81	ug/l	97
69) o-Xylene	12.17	106	105388	20.00	ug/l	100
70) Styrene	12.19	104	176618	20.07	ug/l	100
71) Bromoform	12.35	173	30417	18.33	ug/l #	97
73) Isopropylbenzene	12.47	105	295444	20.12	ug/l	100
74) N-amyl acetate	12.28	43	64825	16.94	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	53333	18.78	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	43654m	21.16	ug/l	
77) Bromobenzene	12.76	156	69038	19.65	ug/l	100
78) n-propylbenzene	12.81	91	371656	20.63	ug/l	100
79) 2-Chlorotoluene	12.90	91	209744	20.64	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	253170	20.49	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	16201	17.37	ug/l	97
82) 4-Chlorotoluene	12.99	91	222751	20.43	ug/l	99
83) tert-Butylbenzene	13.21	119	209974	20.24	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	262990	20.68	ug/l	99
85) sec-Butylbenzene	13.39	105	316432	20.55	ug/l	100
86) p-Isopropyltoluene	13.51	119	278957	20.66	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	143144	20.40	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	140687	19.99	ug/l	99
89) n-Butylbenzene	13.83	91	267509	20.15	ug/l	100
90) Hexachloroethane	14.10	117	49841	20.02	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	126438	20.22	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8444	16.72	ug/l	99

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QLast Update : Mon Jul 16 15:06:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	86980	19.81	ug/l	100
94) Hexachlorobutadiene	15.25	225	52243	20.72	ug/l	100
95) Naphthalene	15.38	128	140753	17.36	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	74905	19.26	ug/l	99

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

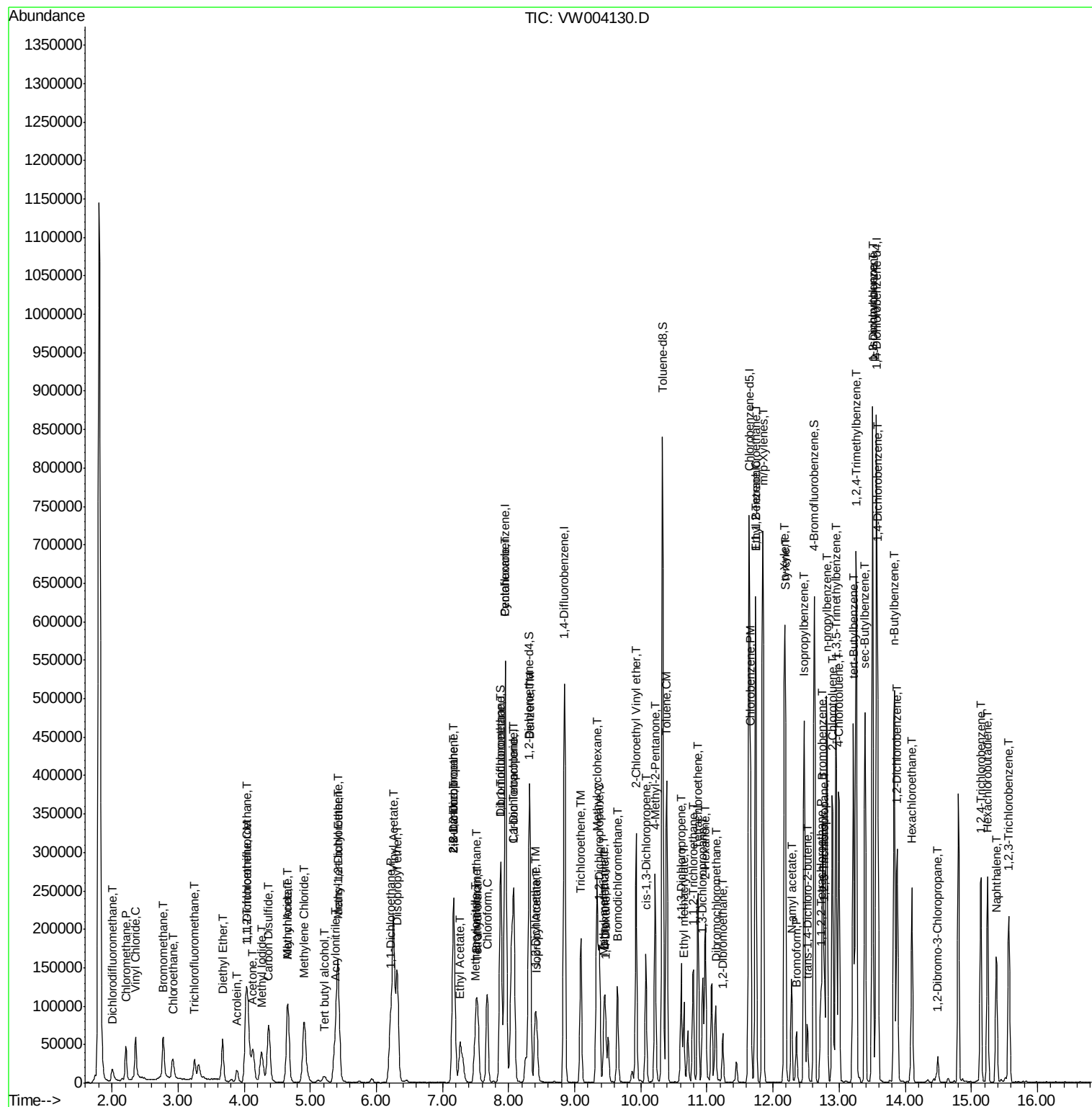
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Data File : VW004130.D
Acq On : 23 Jul 2018 12:10
Operator : SY/AP
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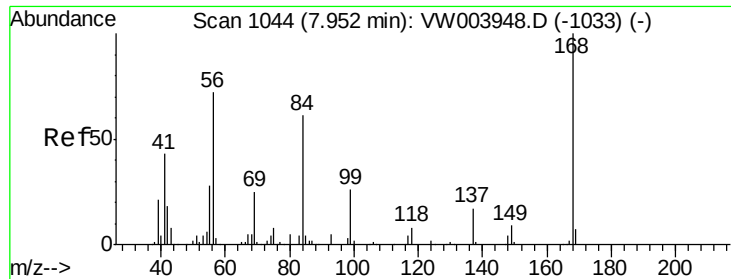
Instrument :
MSVOA_W
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004130.D

Acq: 23 Jul 2018 12:10

Instrument :

MSVOA_W

ClientSampleId :

VW0723SBS01

Tot Ion:168 Resp: 282085

Ion Ratio Lower Upper

168 100

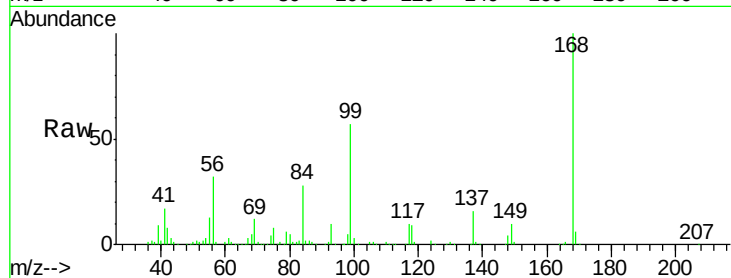
99 56.7 43.8 65.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

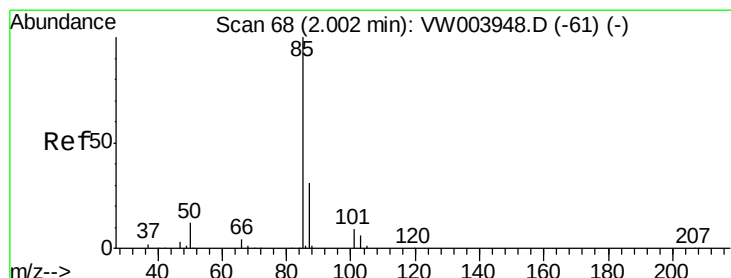
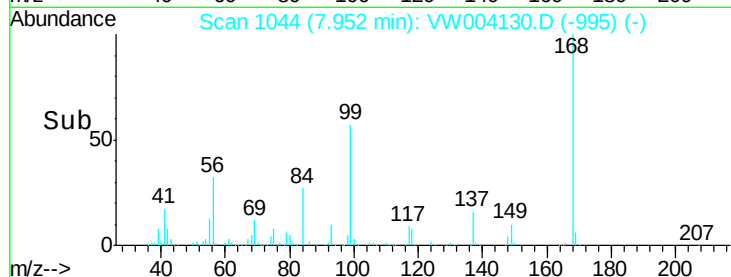
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50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 16.98 ug/l

RT: 2.01 min Scan# 69

Delta R.T. 0.01 min

Lab File: VW004130.D

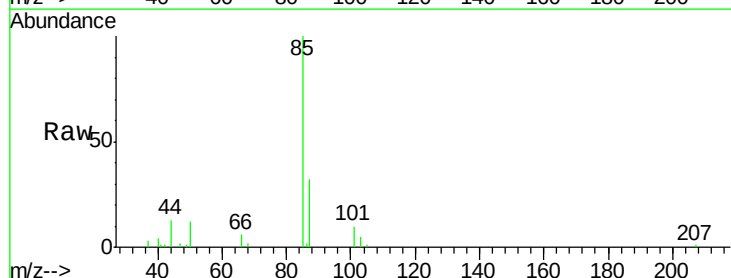
Acq: 23 Jul 2018 12:10

Tgt Ion: 85 Resp: 26893

Ion Ratio Lower Upper

85 100

87 32.2 15.4 46.2



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

10000

8000

6000

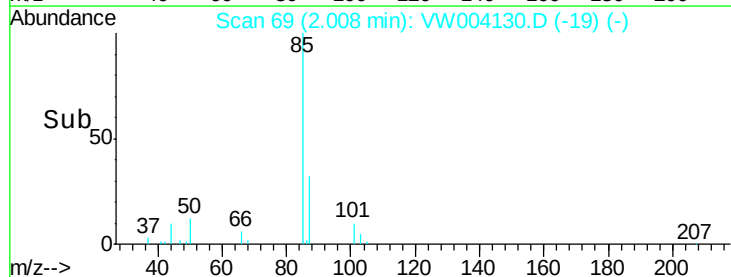
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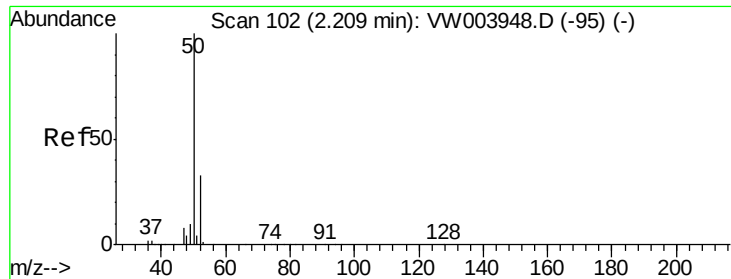
2000

0

1.90 1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 22.08 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW004130.D

Acq: 23 Jul 2018 12:10

Instrument :

MSVOA_W

ClientSampleId :

VW0723SBS01

Tot Ion: 50 Resp: 46032

Ion Ratio Lower Upper

50 100

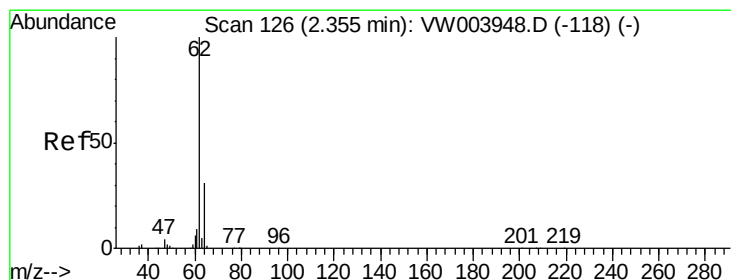
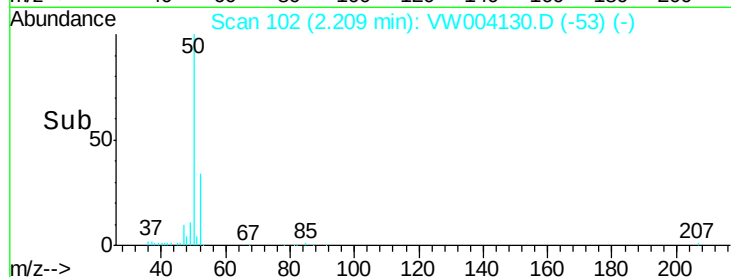
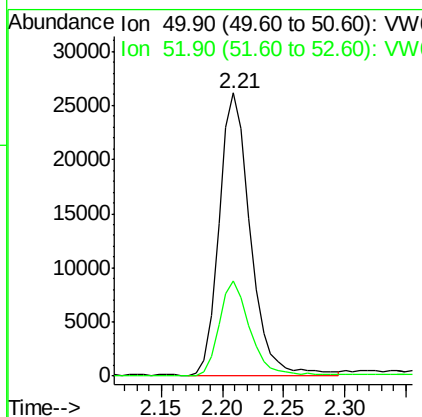
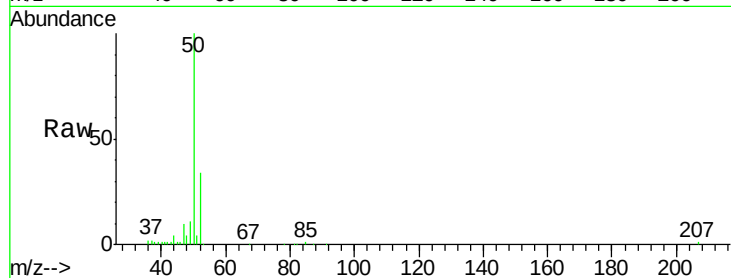
52 33.6 26.3 39.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.48 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW004130.D

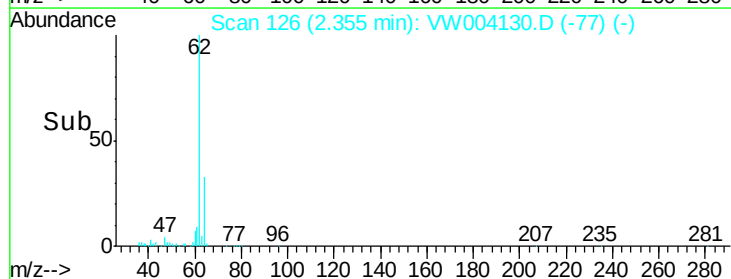
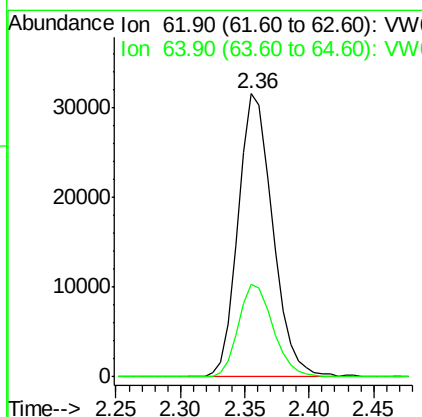
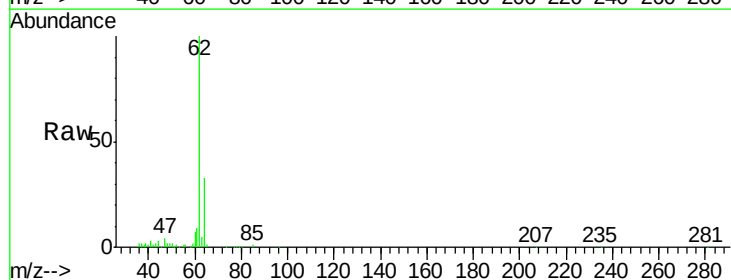
Acq: 23 Jul 2018 12:10

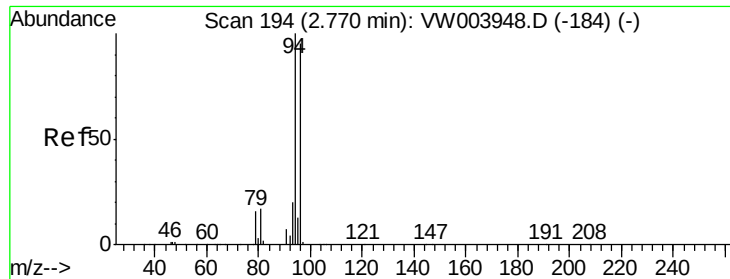
Tgt Ion: 62 Resp: 58741

Ion Ratio Lower Upper

62 100

64 32.5 25.0 37.6





#5

Bromomethane

Concen: 20.35 ug/l

RT: 2.78 min Scan# 195

Delta R.T. 0.01 min

Lab File: VW004130.D

Acq: 23 Jul 2018 12:10

Instrument :

MSVOA_W

ClientSampleId :

VW0723SBS01

Tot Ion: 94 Resp: 36475

Ion Ratio Lower Upper

94 100

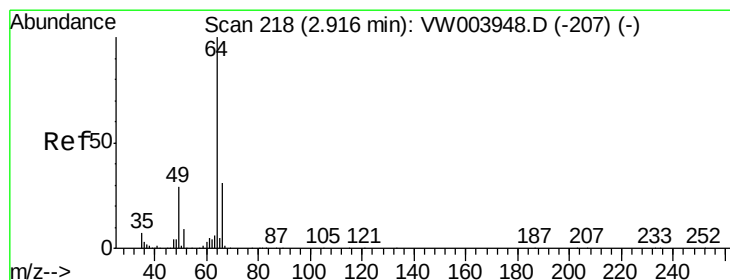
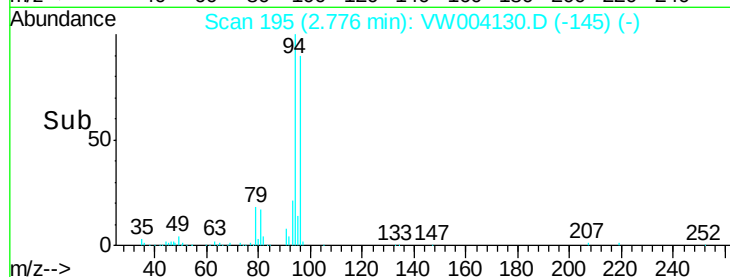
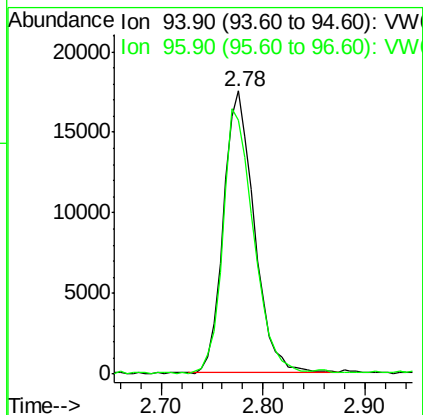
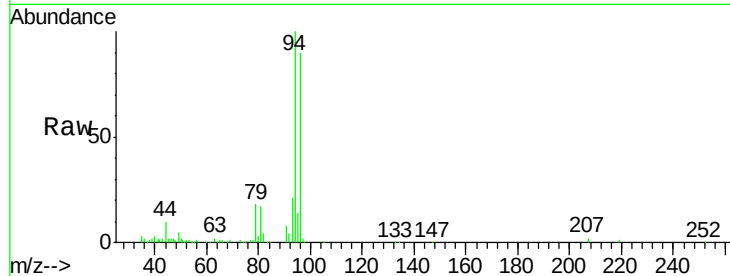
96 90.1 75.8 113.6

Manual Integrations

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#6

Chloroethane

Concen: 20.09 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.01 min

Lab File: VW004130.D

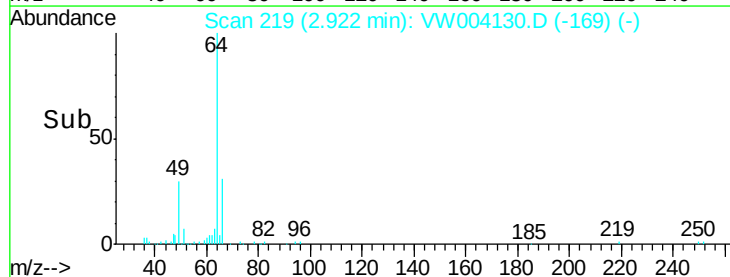
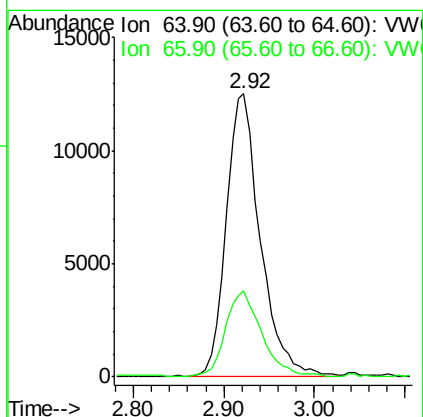
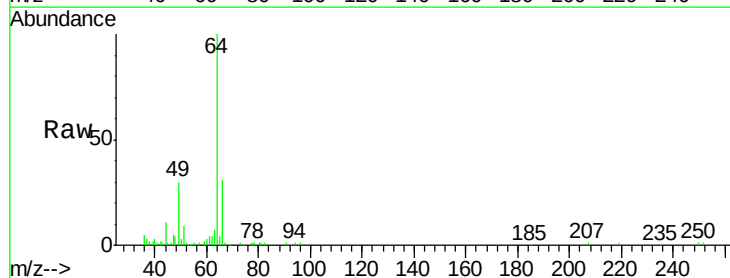
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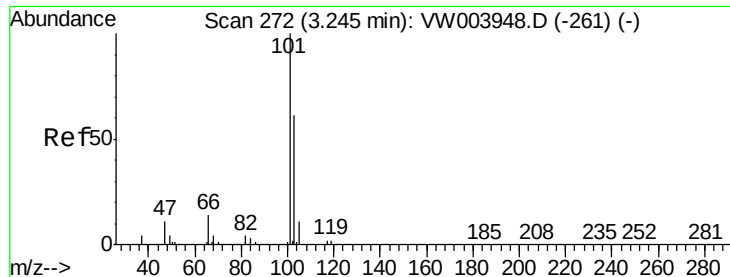
Tgt Ion: 64 Resp: 32737

Ion Ratio Lower Upper

64 100

66 30.5 24.5 36.7





#7

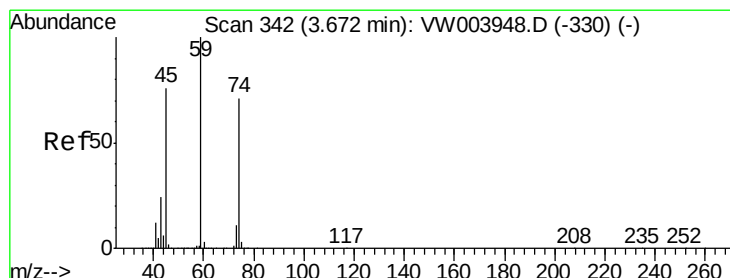
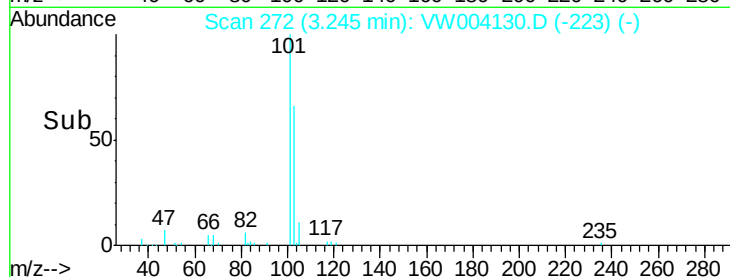
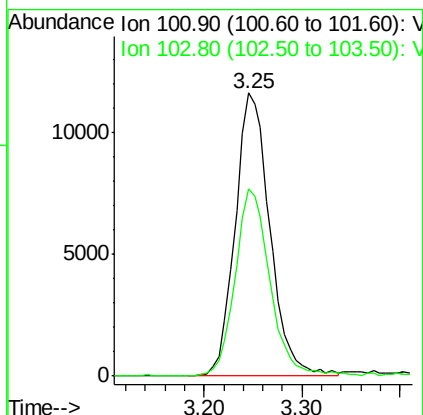
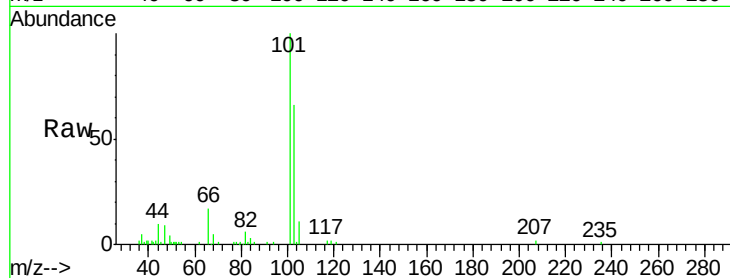
Trichlorofluoromethane
 Concen: 23.76 ug/l
 RT: 3.25 min Scan# 272
 Delta R.T. 0.00 min
 Lab File: VW004130.D
 Acq: 23 Jul 2018 12:10

Instrument :
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 ClientSampleId :
 VW0723SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.3	49.0	73.6

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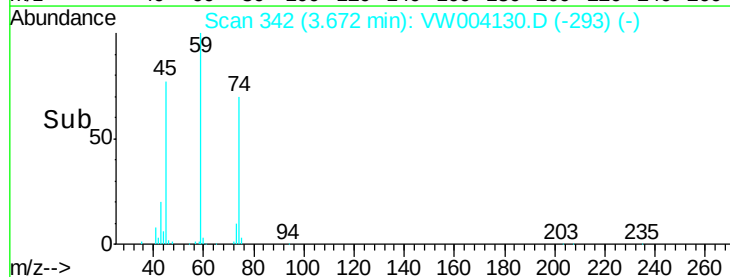
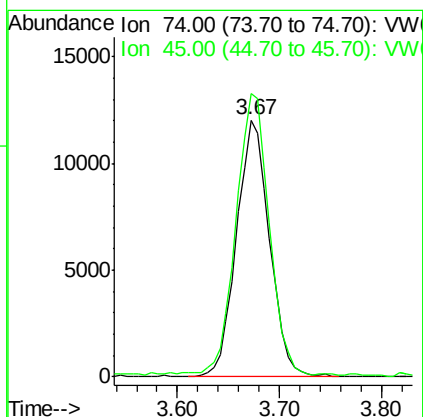
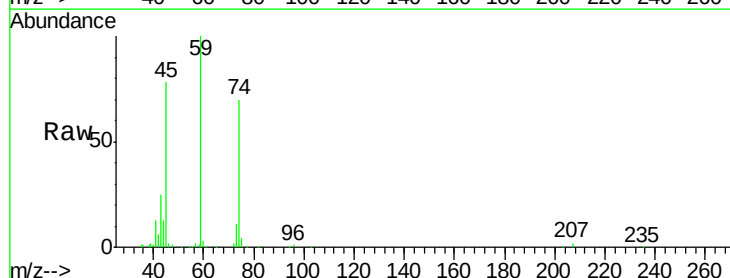
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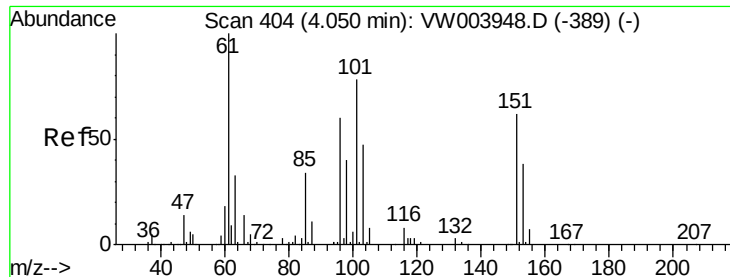


#8

Diethyl Ether
 Concen: 19.25 ug/l
 RT: 3.67 min Scan# 342
 Delta R.T. 0.00 min
 Lab File: VW004130.D
 Acq: 23 Jul 2018 12:10

Tgt Ion	Ratio	Lower	Upper
74	100		
45	111.9	53.8	161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.87 ug/l

RT: 4.05 min Scan# 404

Delta R.T. 0.00 min

Lab File: VW004130.D

Acq: 23 Jul 2018 12:10

Instrument :

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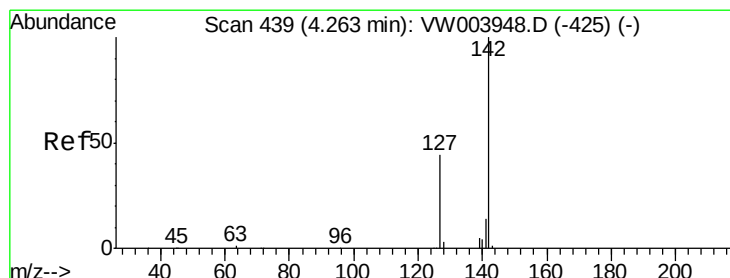
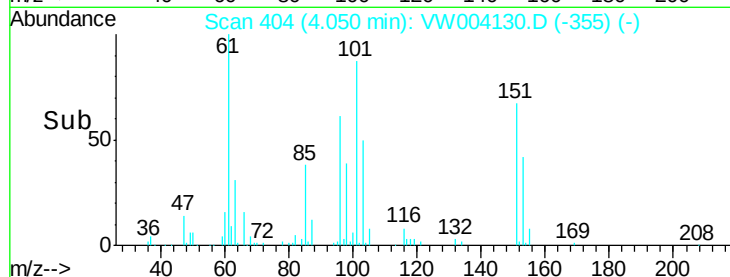
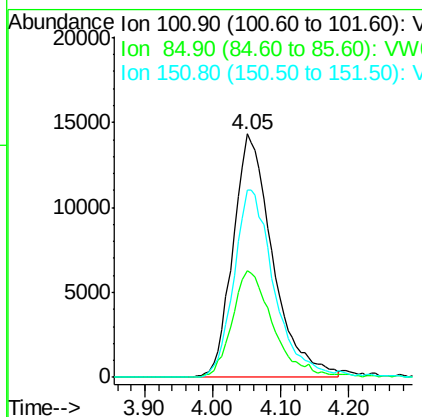
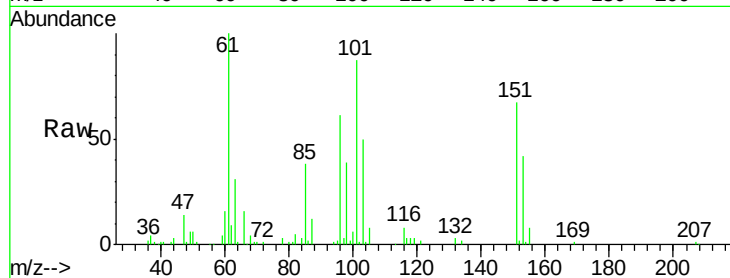
ClientSampled :

VW0723SBS01

Tot Ion:	101	Resp:	57977
Ion Ratio	Lower	Upper	
101	100		
85	45.1	35.8	53.6
151	77.7	63.6	95.4

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#10

Methyl Iodide

Concen: 20.84 ug/l

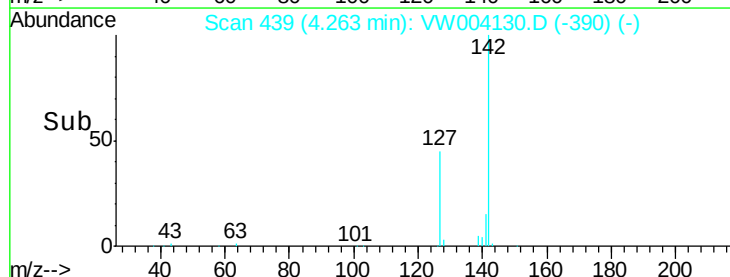
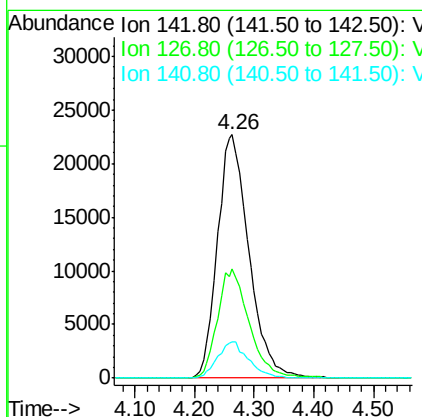
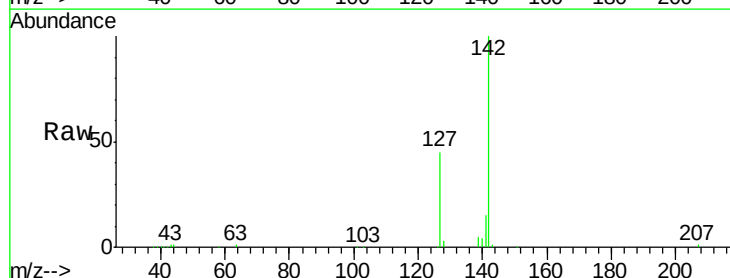
RT: 4.26 min Scan# 439

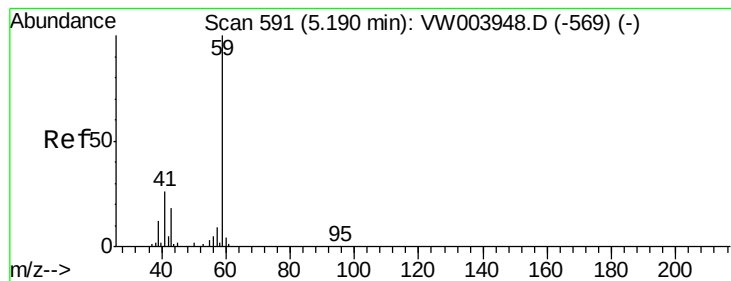
Delta R.T. 0.00 min

Lab File: VW004130.D

Acq: 23 Jul 2018 12:10

Tgt Ion:	142	Resp:	83173
Ion Ratio	Lower	Upper	
142	100		
127	45.1	35.4	53.2
141	14.7	11.7	17.5





#11

Tert butyl alcohol

Concen: 76.87 ug/l

RT: 5.21 min Scan# 595

Delta R.T. 0.02 min

Lab File: VW004130.D

Acq: 23 Jul 2018 12:10

Instrument :

MSVOA_W

ClientSampled :

VW0723SBS01

Tot Ion: 59 Resp: 16732

Ion Ratio Lower Upper

59 100

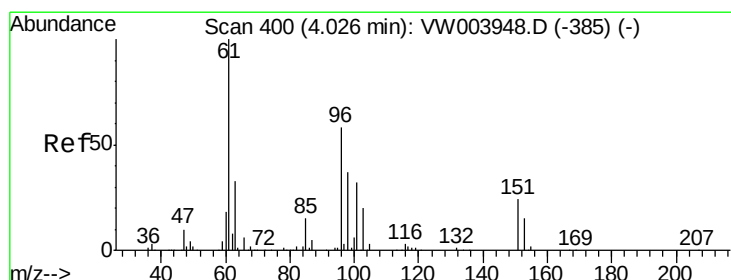
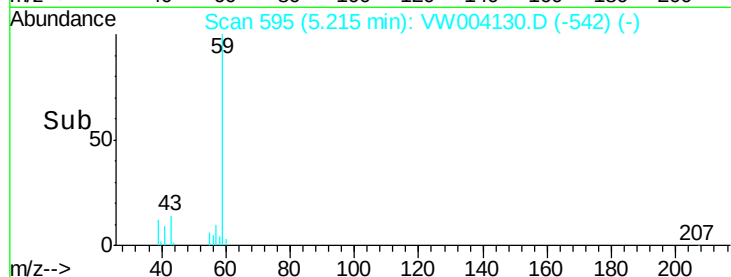
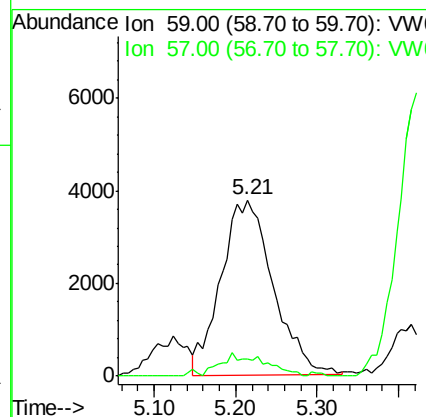
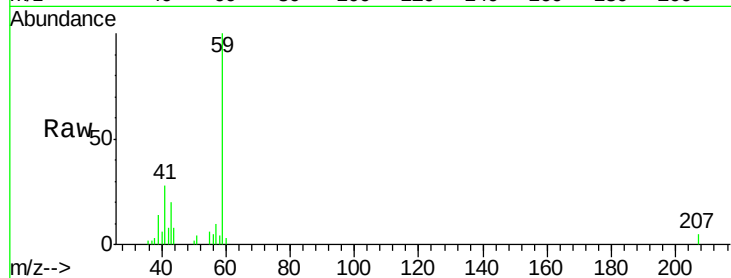
57 5.3 8.5 12.7#

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#12

1,1-Dichloroethene

Concen: 20.90 ug/l

RT: 4.03 min Scan# 401

Delta R.T. 0.01 min

Lab File: VW004130.D

Acq: 23 Jul 2018 12:10

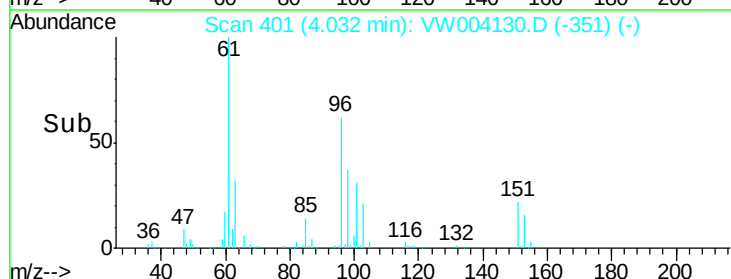
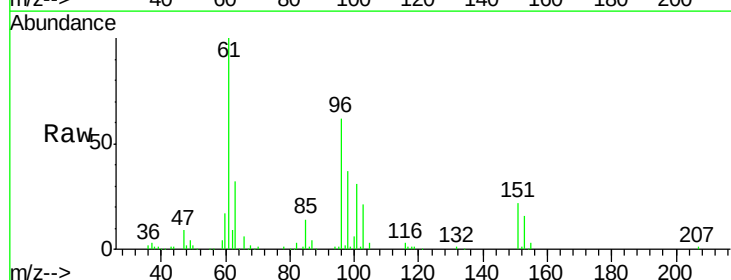
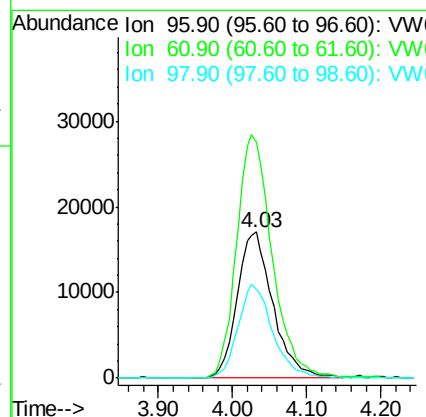
Tgt Ion: 96 Resp: 57286

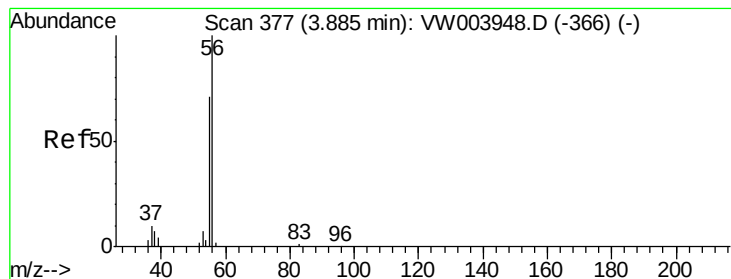
Ion Ratio Lower Upper

96 100

61 161.6 137.0 205.6

98 60.6 50.2 75.4





#13

Acrolein

Concen: 83.54 ug/l

RT: 3.89 min Scan# 378

Delta R.T. 0.01 min

Lab File: VW004130.D

Acq: 23 Jul 2018 12:10

Instrument :

MSVOA_W

ClientSampleId :

VW0723SBS01

Tot Ion: 56 Resp: 18684

Ion Ratio Lower Upper

56 100

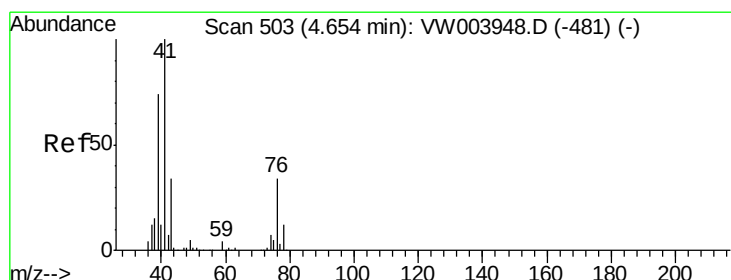
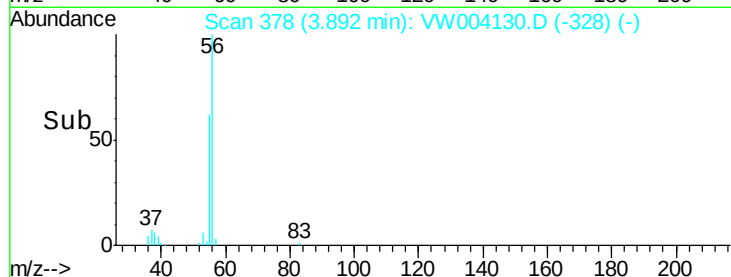
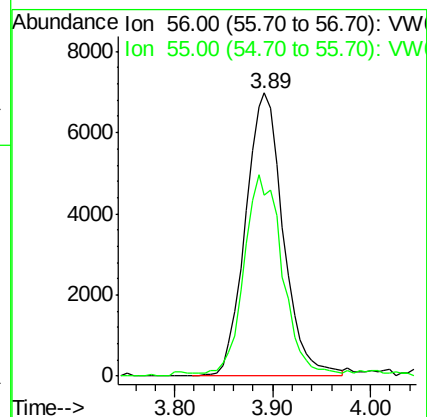
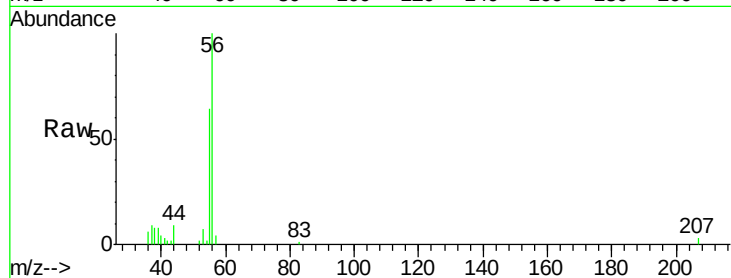
55 70.7 58.2 87.4

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#14

Allyl chloride

Concen: 21.30 ug/l

RT: 4.66 min Scan# 504

Delta R.T. 0.01 min

Lab File: VW004130.D

Acq: 23 Jul 2018 12:10

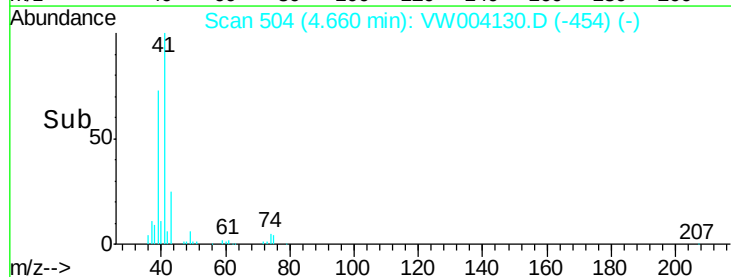
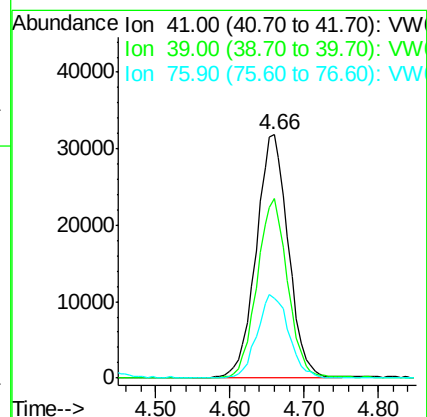
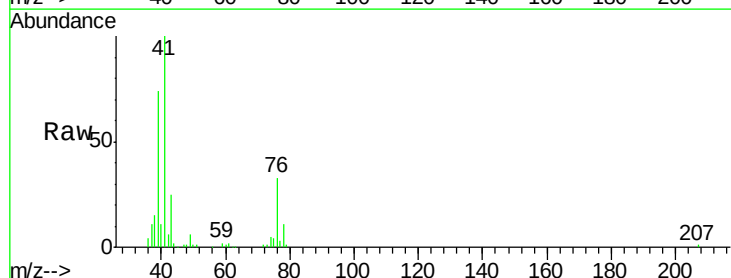
Tgt Ion: 41 Resp: 96401

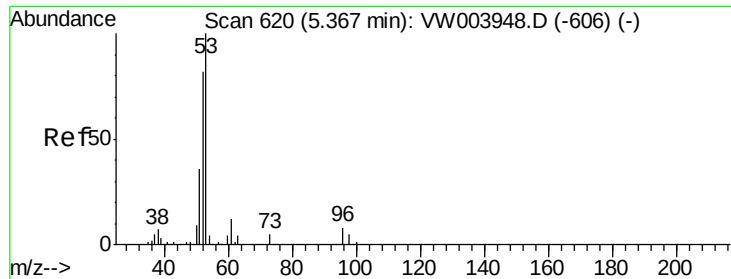
Ion Ratio Lower Upper

41 100

39 70.4 57.0 85.4

76 33.7 26.5 39.7





#15

Acrylonitrile

Concen: 88.87 ug/l

RT: 5.37 min Scan# 621

Delta R.T. 0.01 min

Lab File: VW004130.D

Acq: 23 Jul 2018 12:10

Instrument :

MSVOA_W

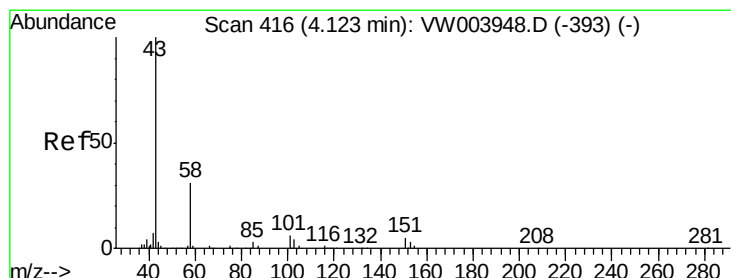
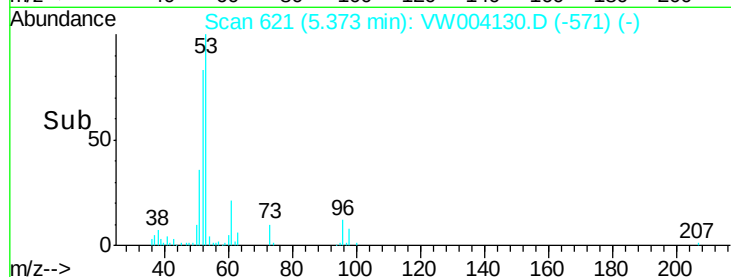
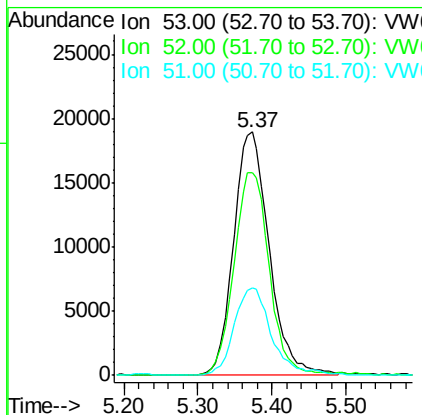
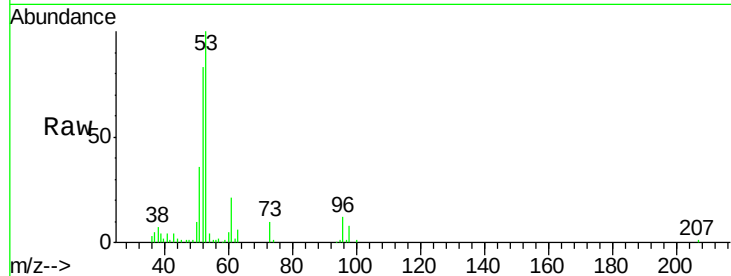
ClientSampleId :

VW0723SBS01

Tot Ion:	53	Resp:	63643
Ion	Ratio	Lower	Upper
53	100		
52	82.3	66.1	99.1
51	37.7	29.8	44.6

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#16

Acetone

Concen: 85.37 ug/l

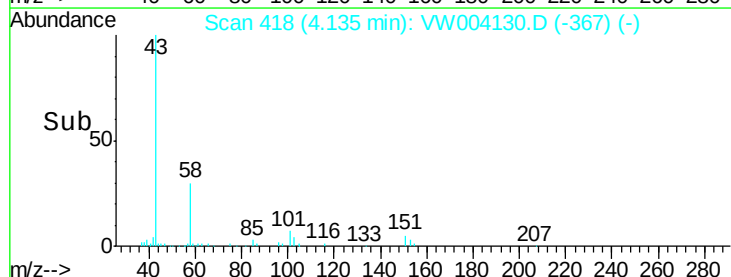
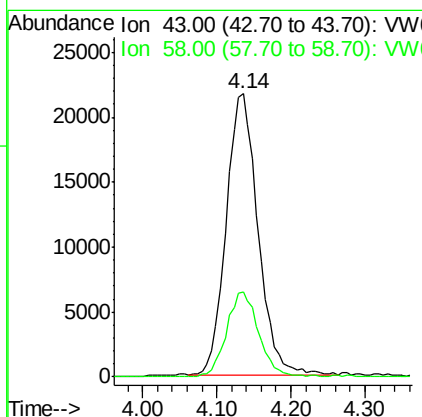
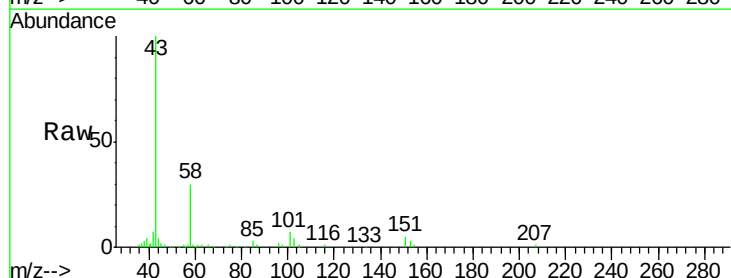
RT: 4.14 min Scan# 418

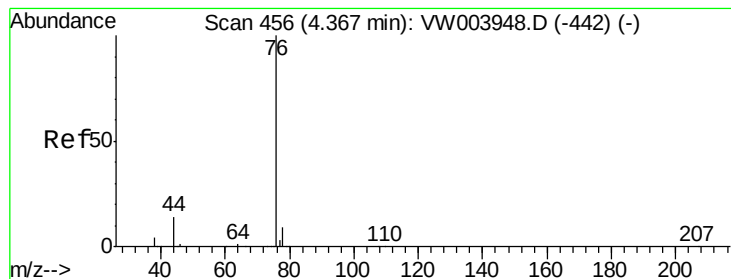
Delta R.T. 0.01 min

Lab File: VW004130.D

Acq: 23 Jul 2018 12:10

Tgt Ion:	43	Resp:	64684
Ion	Ratio	Lower	Upper
43	100		
58	30.3	24.5	36.7





#17

Carbon Disulfide

Concen: 21.32 ug/l

RT: 4.37 min Scan# 456

Delta R.T. 0.00 min

Lab File: VW004130.D

Acq: 23 Jul 2018 12:10

Instrument :

MSVOA_W

ClientSampleId :

VW0723SBS01

Tot Ion: 76 Resp: 182427

Ion Ratio Lower Upper

76 100

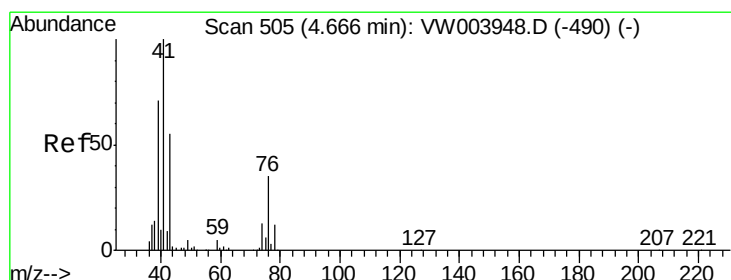
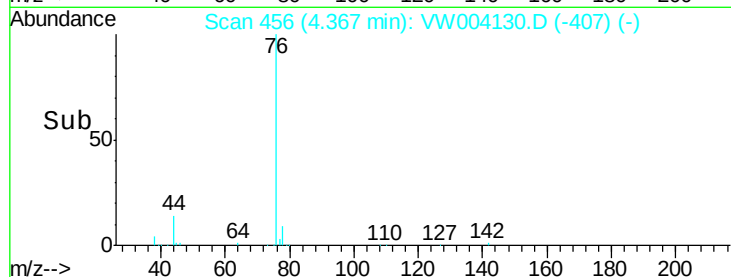
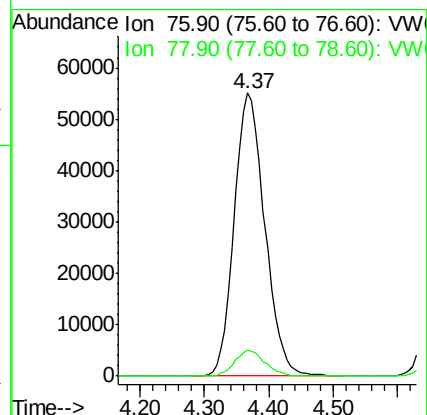
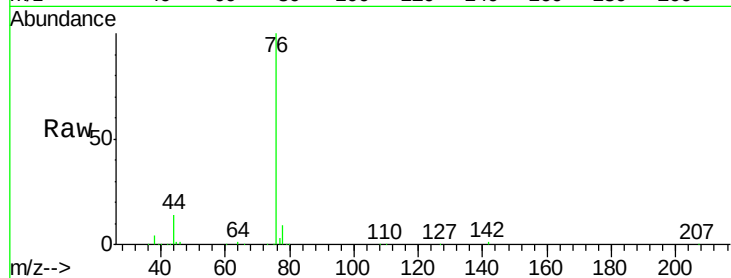
78 9.3 7.1 10.7

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#18

Methyl Acetate

Concen: 16.21 ug/l

RT: 4.67 min Scan# 505

Delta R.T. 0.00 min

Lab File: VW004130.D

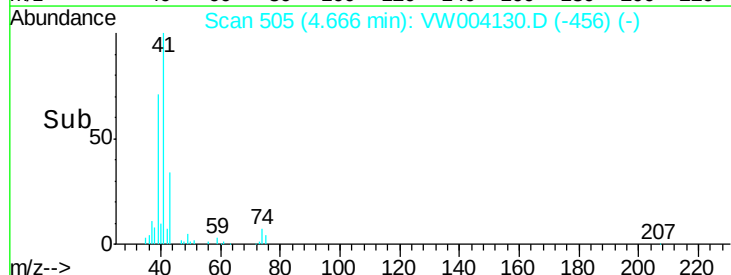
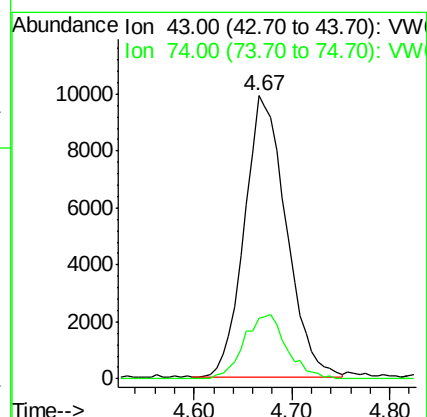
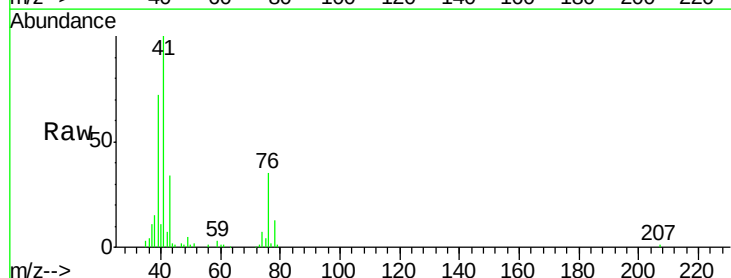
Acq: 23 Jul 2018 12:10

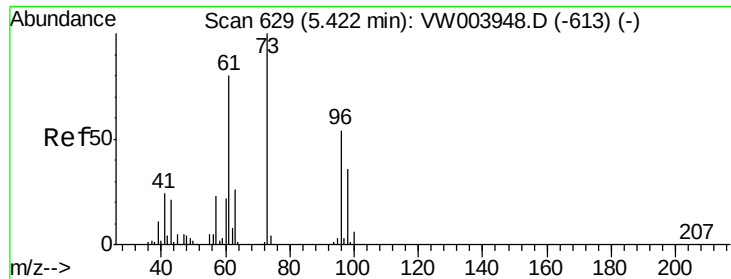
Tgt Ion: 43 Resp: 29482

Ion Ratio Lower Upper

43 100

74 23.2 17.7 26.5





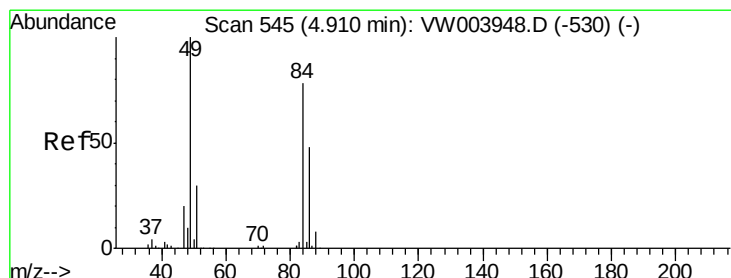
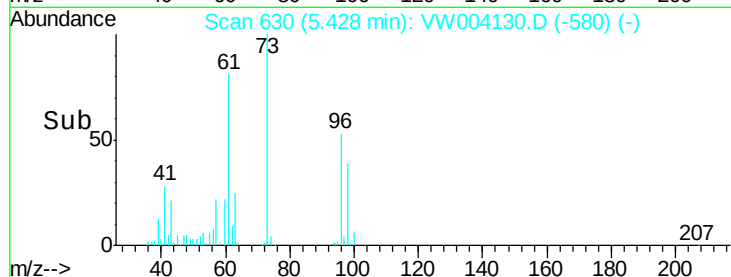
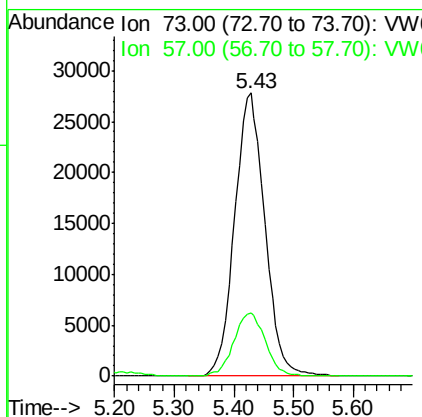
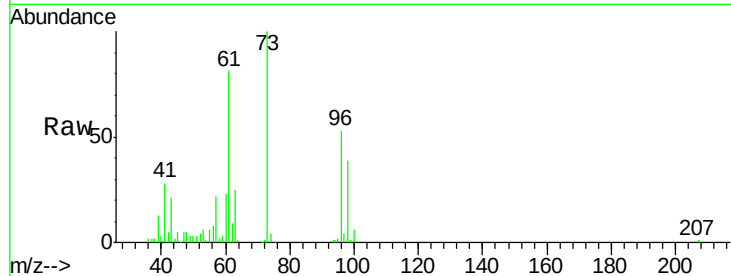
#19
Methyl tert-butyl Ether
Concen: 18.70 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.01 min
Lab File: VW004130.D
Acq: 23 Jul 2018 12:10

Instrument :
MSVOA_W
ClientSampleId :
VW0723SBS01

Tot Ion: 73 Resp: 98227
Ion Ratio Lower Upper
73 100
57 22.4 18.2 27.4

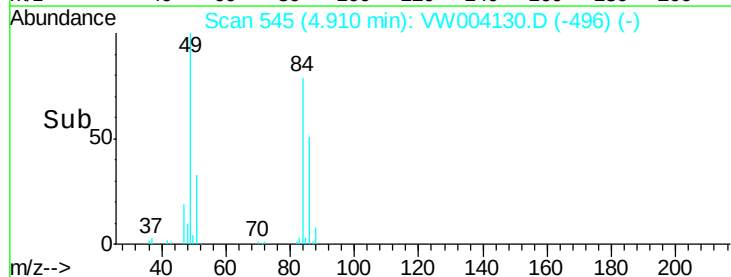
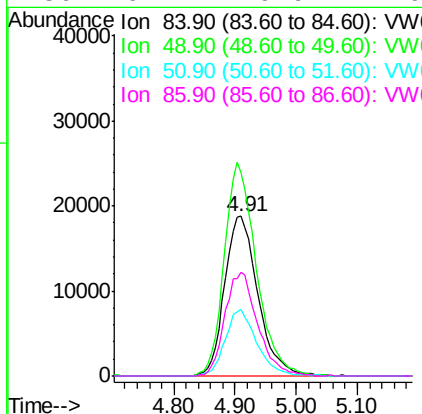
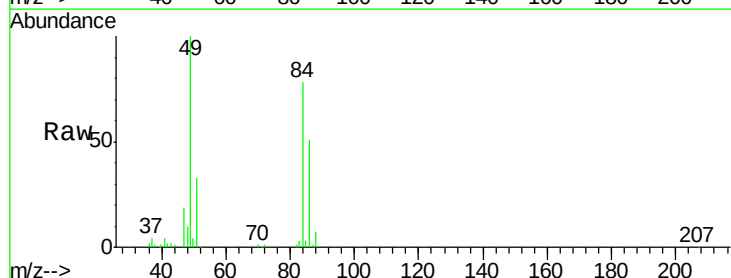
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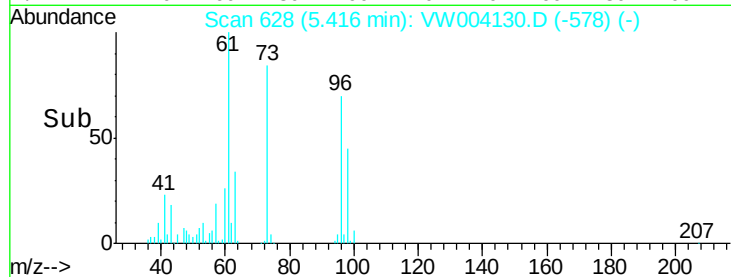
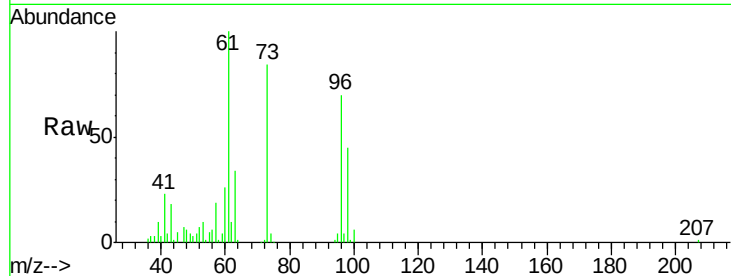
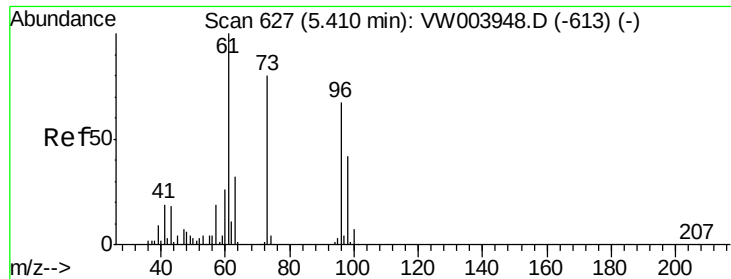
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#20
Methylene Chloride
Concen: 15.72 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW004130.D
Acq: 23 Jul 2018 12:10

Tgt Ion: 84 Resp: 70603
Ion Ratio Lower Upper
84 100
49 127.7 102.9 154.3
51 41.5 30.9 46.3
86 64.7 49.9 74.9





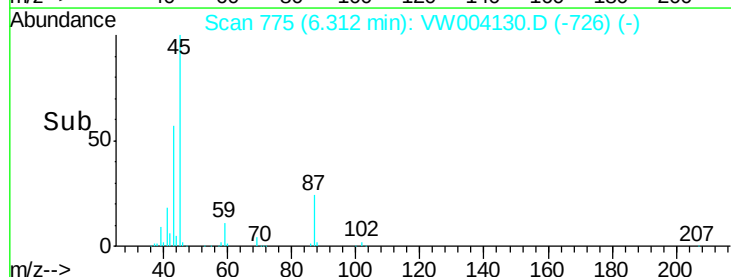
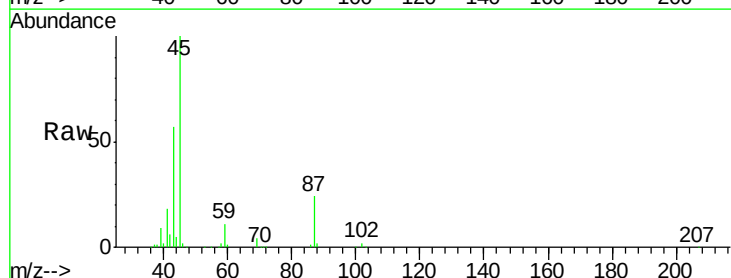
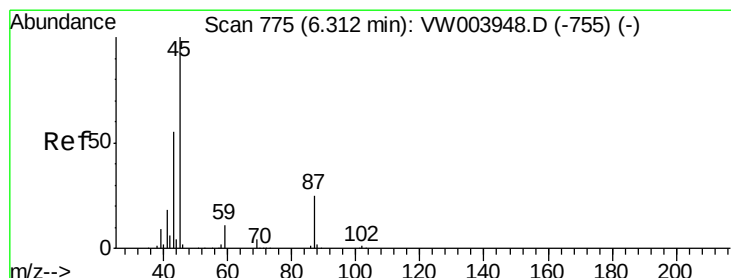
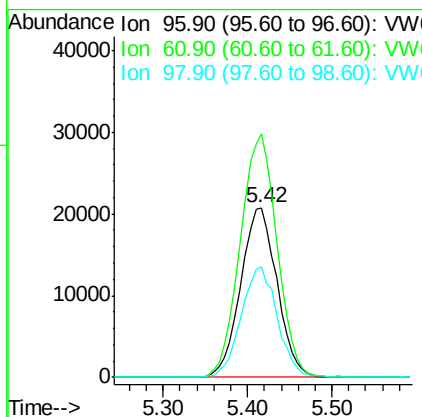
#21
trans-1,2-Dichloroethene
Concen: 20.29 ug/l
RT: 5.42 min Scan# 628
Delta R.T. 0.01 min
Lab File: VW004130.D
Acq: 23 Jul 2018 12:10

Tot Ion	Ratio	Resp	Lower	Upper
96	100	60969		
61	143.3		119.0	178.4
98	64.8		49.9	74.9

Instrument :
MSVOA_W
ClientSampleId :
VW0723SBS01

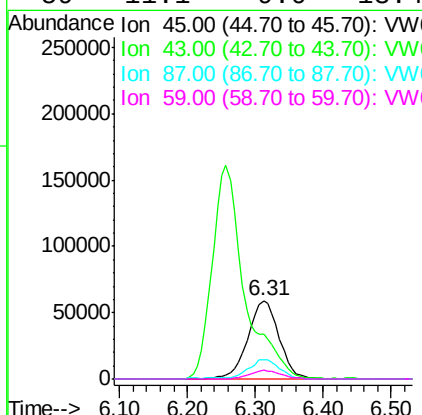
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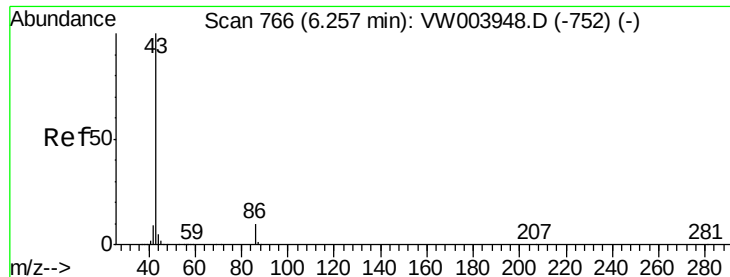
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#22
Diisopropyl ether
Concen: 20.69 ug/l
RT: 6.31 min Scan# 775
Delta R.T. 0.00 min
Lab File: VW004130.D
Acq: 23 Jul 2018 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	189196		
43	55.9		44.3	66.5
87	24.3		20.2	30.4
59	11.1		9.0	13.4





#23

Vinyl Acetate

Concen: 91.80 ug/l

RT: 6.26 min Scan# 766

Delta R.T. 0.00 min

Lab File: VW004130.D

Acq: 23 Jul 2018 12:10

Instrument :

MSVOA_W

ClientSampleId :

VW0723SBS01

Tot Ion: 43 Resp: 531922

Ion Ratio Lower Upper

43 100

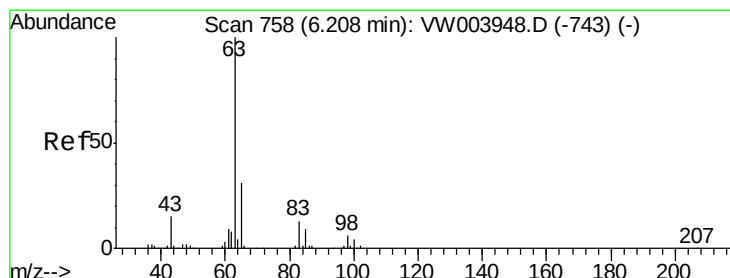
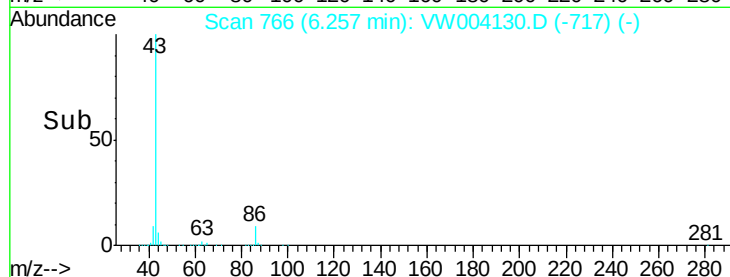
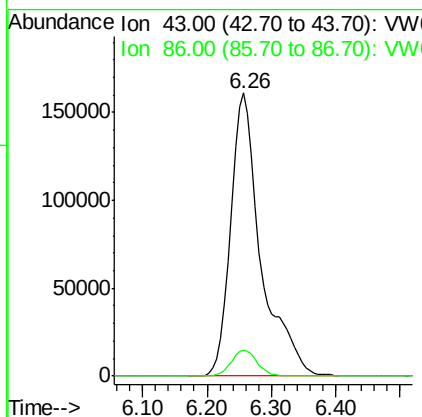
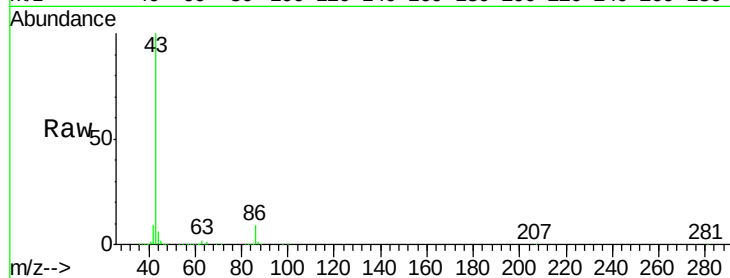
86 9.4 7.6 11.4

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#24

1,1-Dichloroethane

Concen: 20.66 ug/l

RT: 6.21 min Scan# 758

Delta R.T. 0.00 min

Lab File: VW004130.D

Acq: 23 Jul 2018 12:10

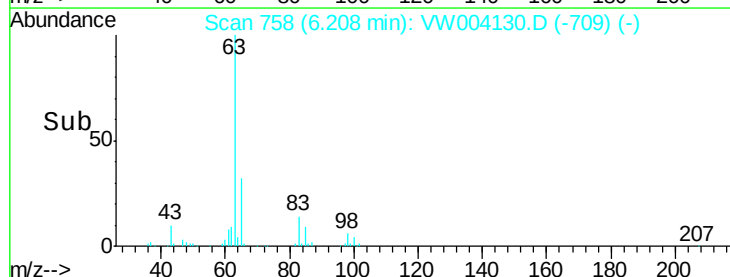
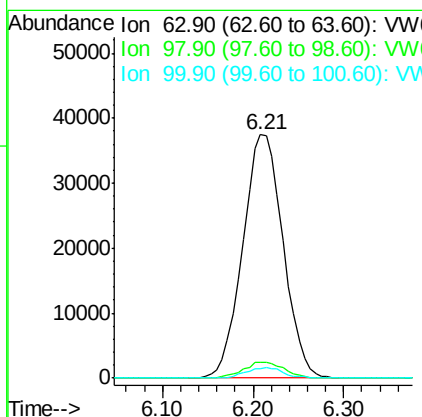
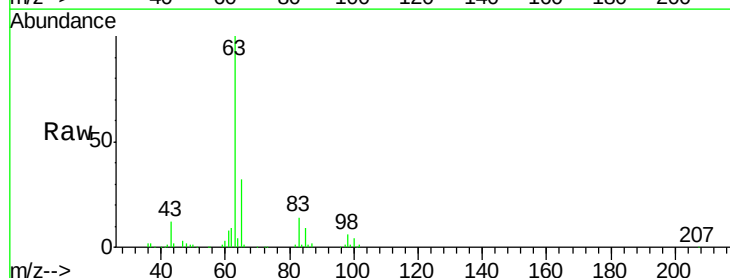
Tgt Ion: 63 Resp: 115282

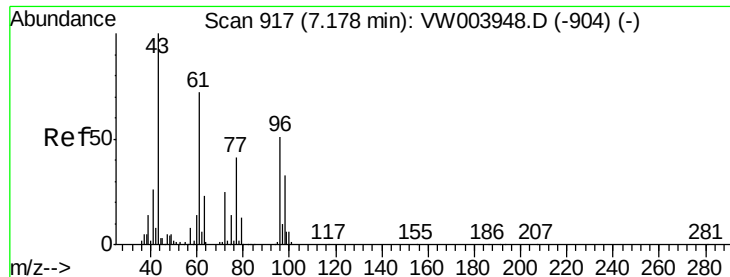
Ion Ratio Lower Upper

63 100

98 6.3 3.1 9.4

100 3.8 2.1 6.5





#25

2-Butanone

Concen: 83.78 ug/l

RT: 7.18 min Scan# 917

Delta R.T. 0.00 min

Lab File: VW004130.D

Acq: 23 Jul 2018 12:10

Instrument :

MSVOA_W

ClientSampleId :

VW0723SBS01

Tot Ion: 43 Resp: 85430

Ion Ratio Lower Upper

43 100

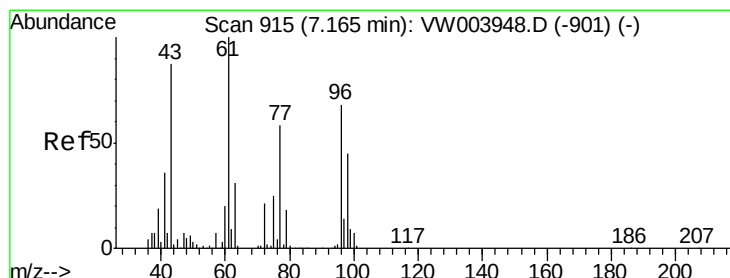
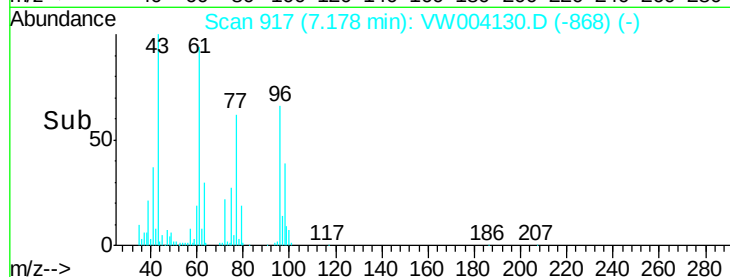
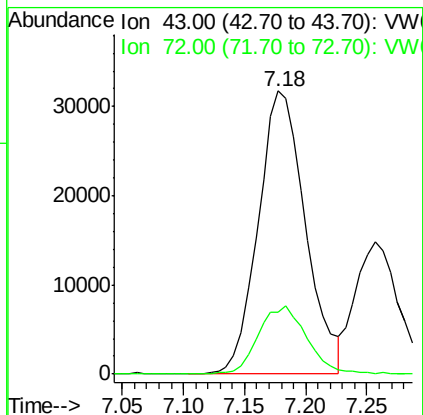
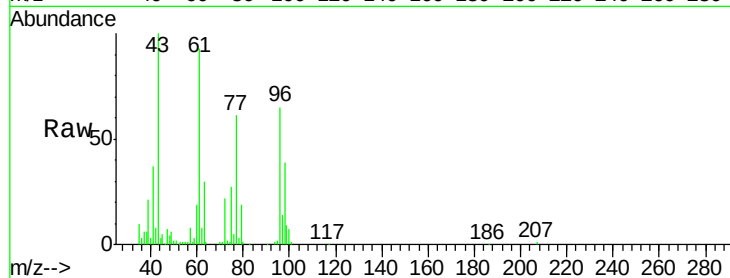
72 22.1 19.8 29.6

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#26

2,2-Dichloropropane

Concen: 21.92 ug/l

RT: 7.17 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW004130.D

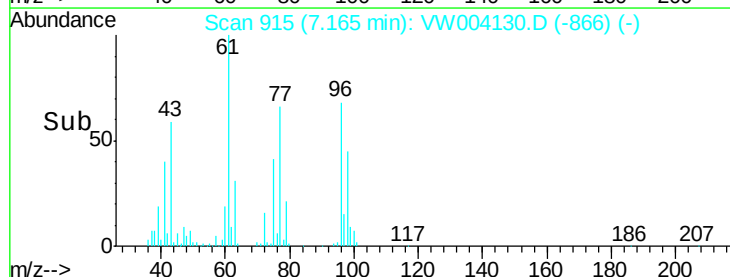
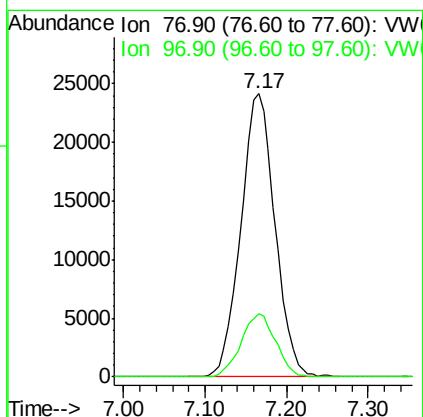
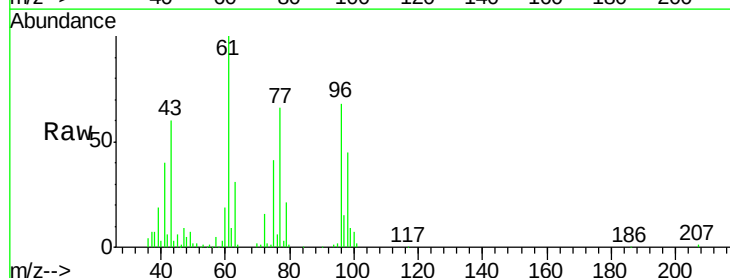
Acq: 23 Jul 2018 12:10

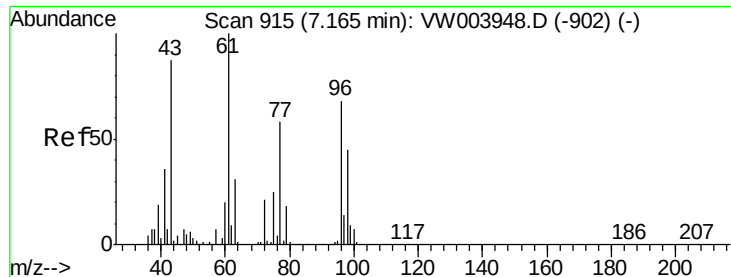
Tgt Ion: 77 Resp: 70198

Ion Ratio Lower Upper

77 100

97 22.6 11.8 35.3





#27

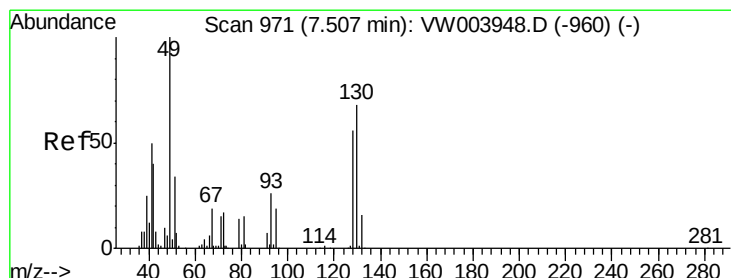
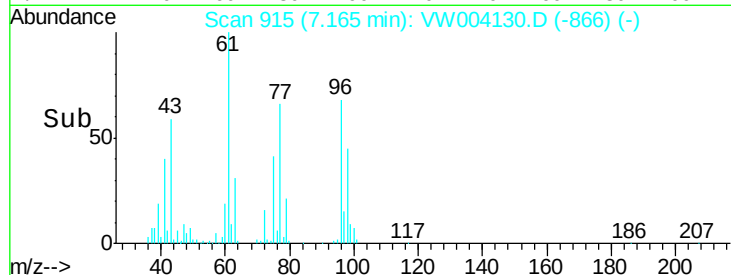
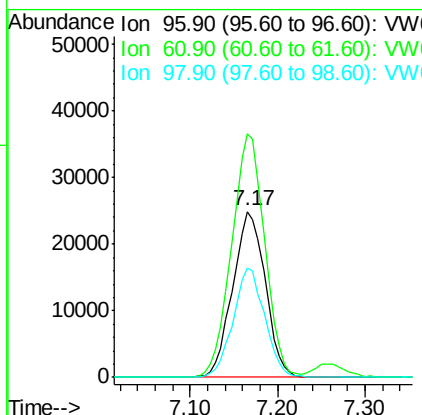
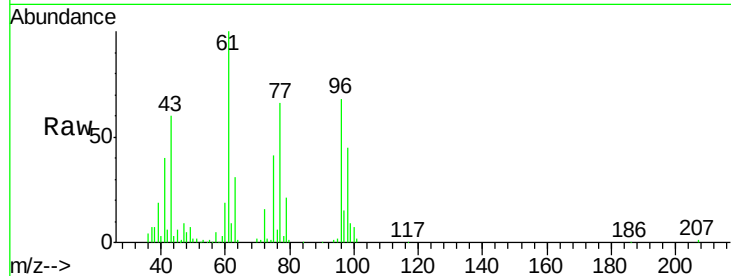
cis-1,2-Dichloroethene
Concen: 19.89 ug/l
RT: 7.17 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW004130.D
Acq: 23 Jul 2018 12:10

Instrument :
MSVOA_W
ClientSampleId :
VW0723SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	149.0	0.0	298.6
98	63.8	0.0	130.4

Manual Integrations
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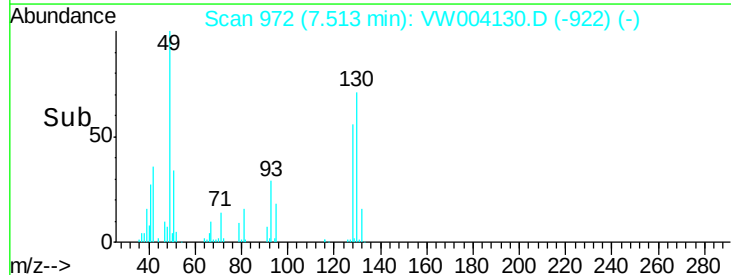
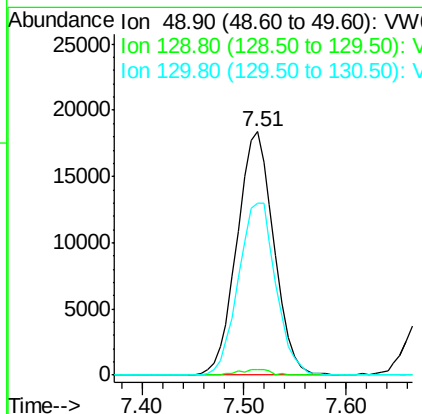
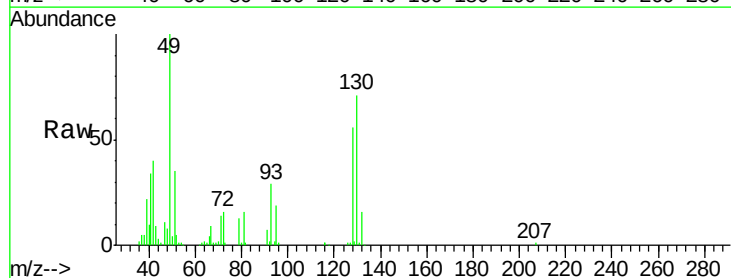
apatel
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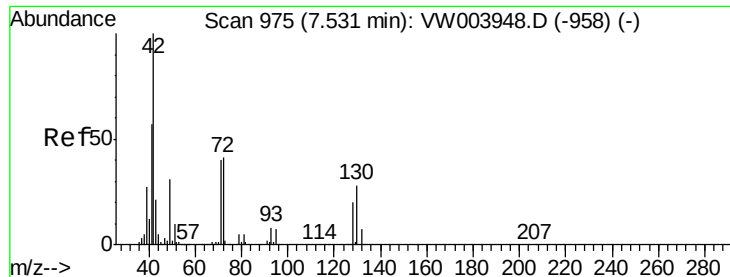


#28

Bromochloromethane
Concen: 20.12 ug/l
RT: 7.51 min Scan# 972
Delta R.T. 0.01 min
Lab File: VW004130.D
Acq: 23 Jul 2018 12:10

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	2.2
130	72.1	58.3	87.5





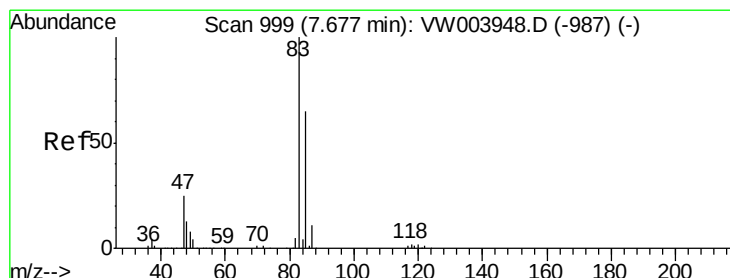
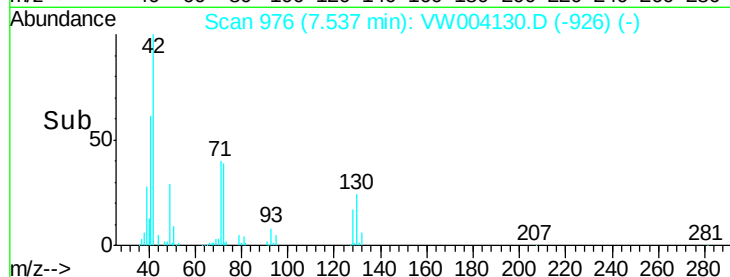
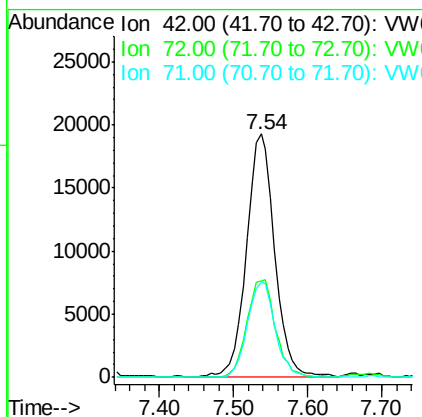
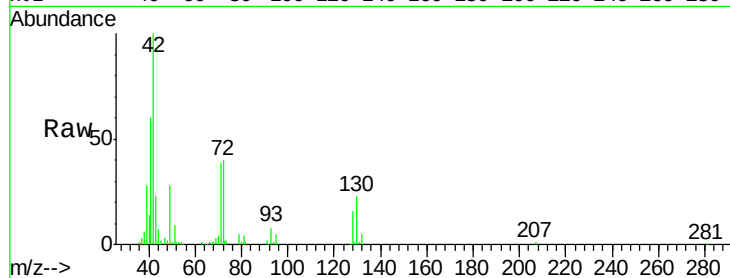
#29
Tetrahydrofuran
Concen: 81.13 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.01 min
Lab File: VW004130.D
Acq: 23 Jul 2018 12:10

Instrument :
MSVOA_W
ClientSampleId :
VW0723SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.3	32.6	48.8
71	38.3	30.5	45.7

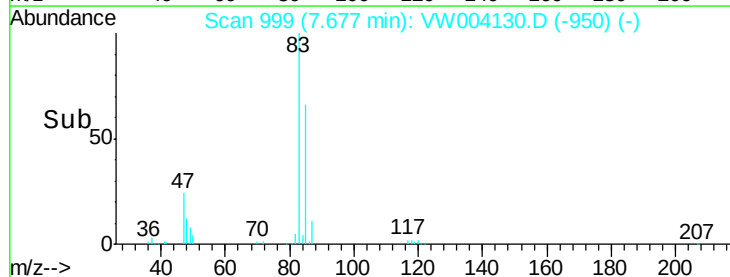
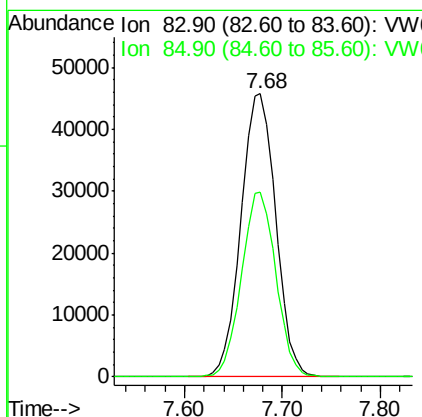
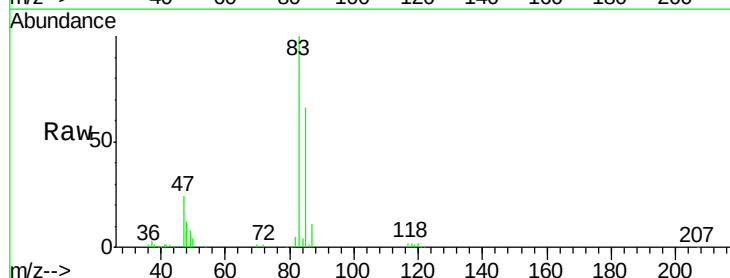
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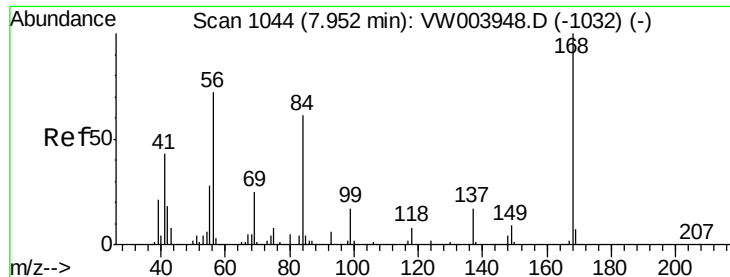
apatel
7/24/2018 11:49:38 AM



#30
Chloroform
Concen: 20.44 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW004130.D
Acq: 23 Jul 2018 12:10

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.5	52.2	78.4





#31

Cyclohexane

Concen: 20.62 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004130.D

Acq: 23 Jul 2018 12:10

Instrument :

MSVOA_W

ClientSampleId :

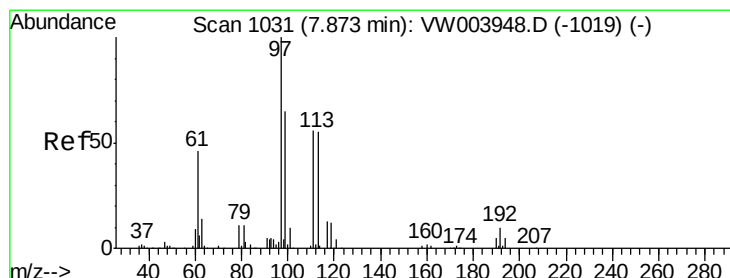
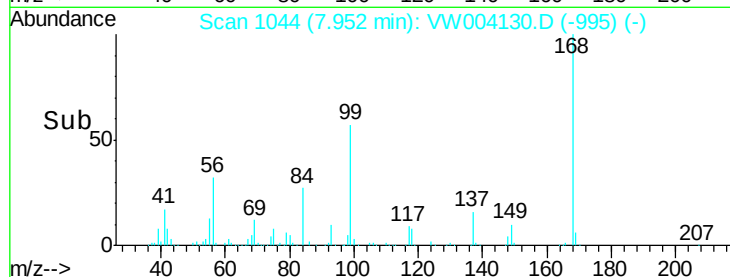
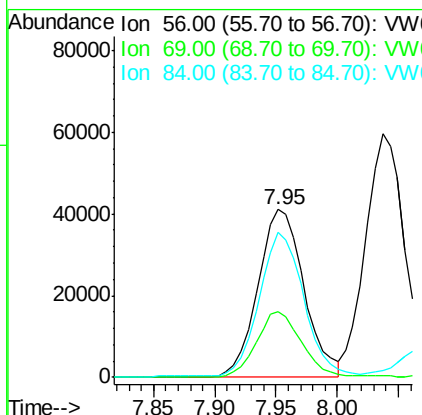
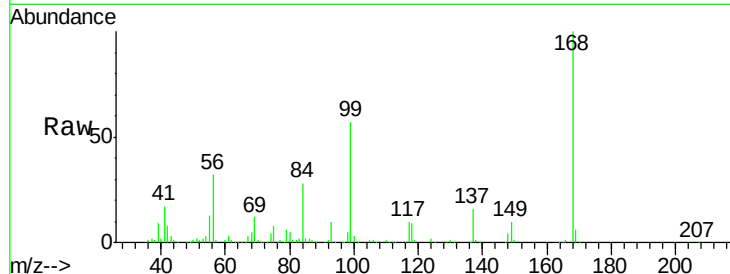
VW0723SBS01

Tot Ion:	56	Resp:	107837
Ion Ratio	Lower	Upper	
56	100		
69	38.8	27.8	41.8
84	85.3	67.2	100.8

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 21.29 ug/l

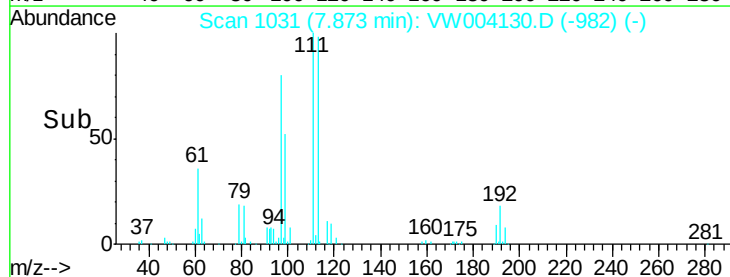
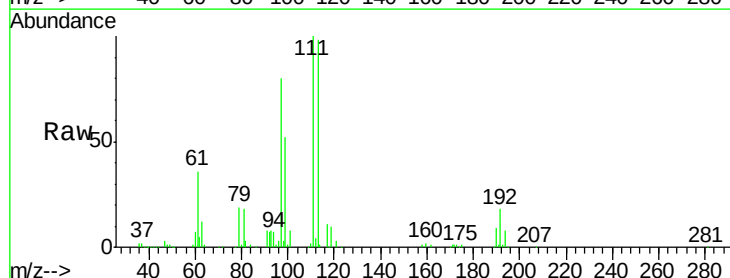
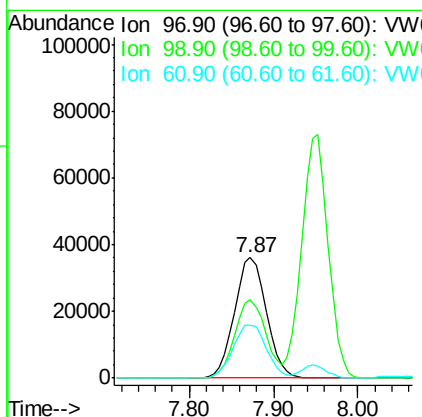
RT: 7.87 min Scan# 1031

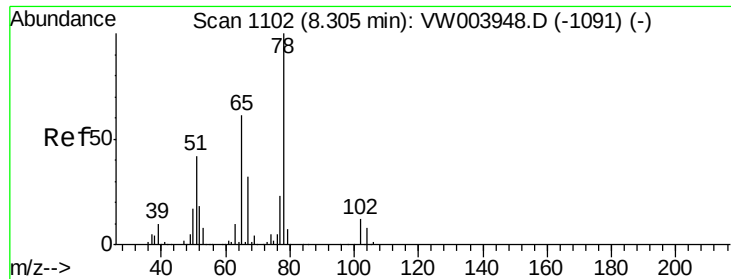
Delta R.T. 0.00 min

Lab File: VW004130.D

Acq: 23 Jul 2018 12:10

Tgt Ion:	97	Resp:	92284
Ion Ratio	Lower	Upper	
97	100		
99	63.9	51.3	76.9
61	45.9	36.8	55.2





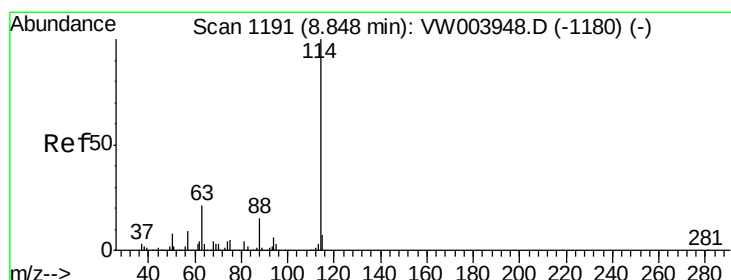
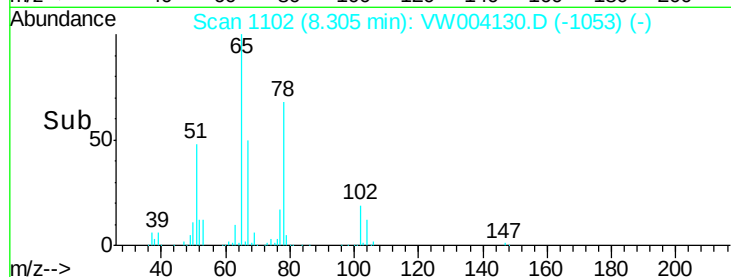
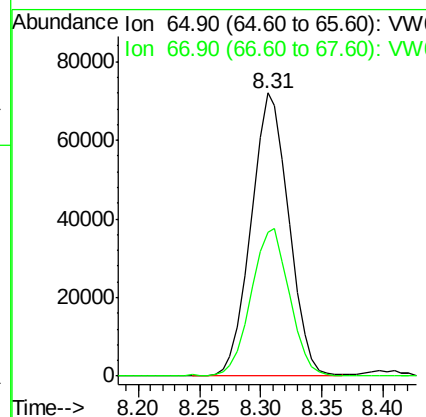
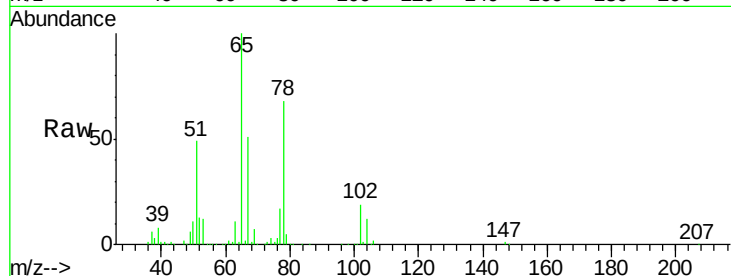
#33
 1,2-Dichloroethane-d4
 Concen: 49.15 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: VW004130.D
 Acq: 23 Jul 2018 12:10

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0723SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.8	0.0	105.0	

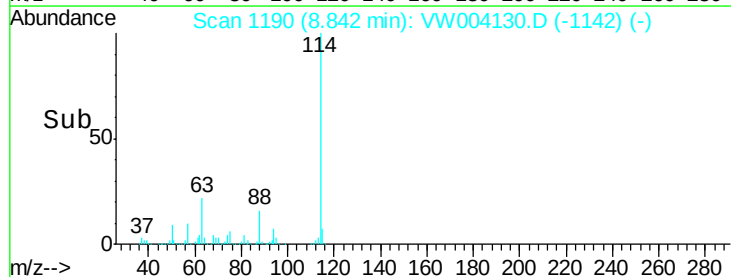
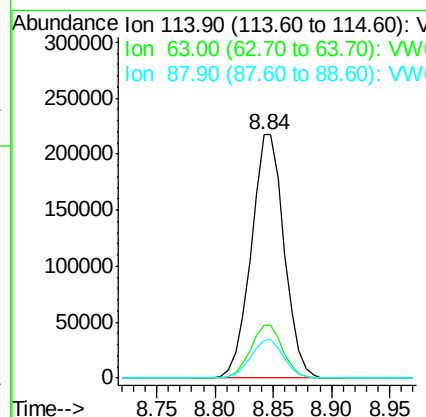
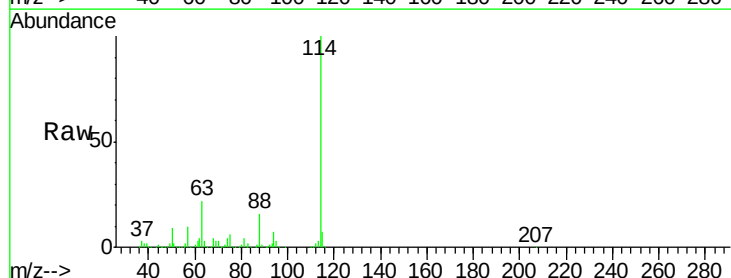
Manual Integrations
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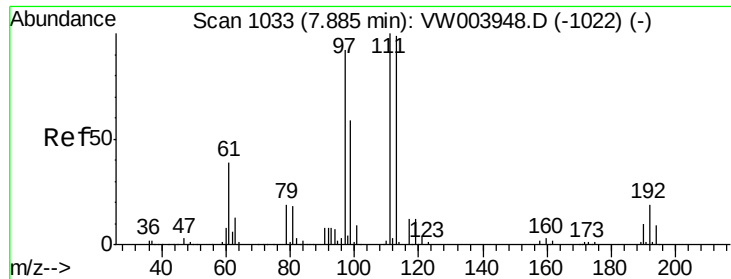
apatel
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.84 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: VW004130.D
 Acq: 23 Jul 2018 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	21.6	0.0	42.8	
88	15.7	0.0	30.4	





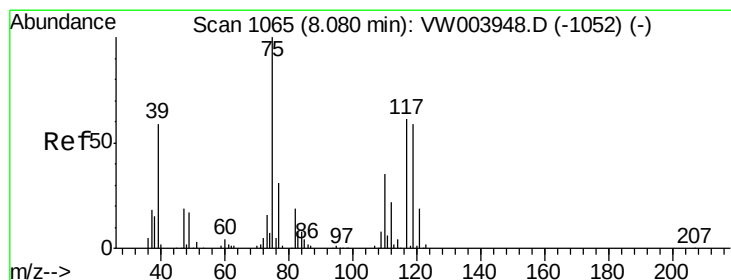
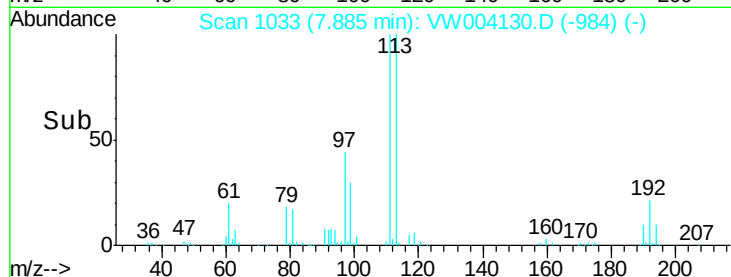
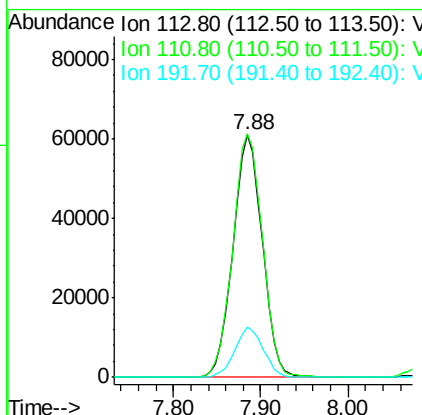
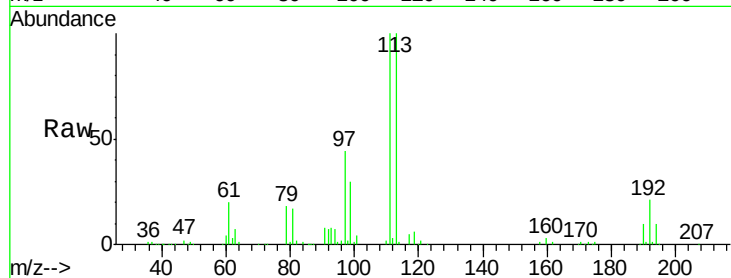
#35
 Dibromofluoromethane
 Concen: 51.53 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004130.D
 Acq: 23 Jul 2018 12:10

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0723SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	142038		
111	102.0	81.3	121.9	
192	20.2	15.8	23.6	

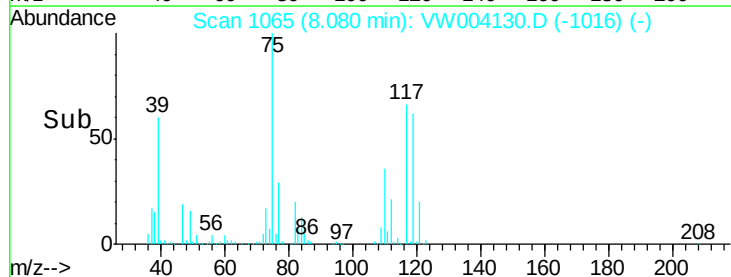
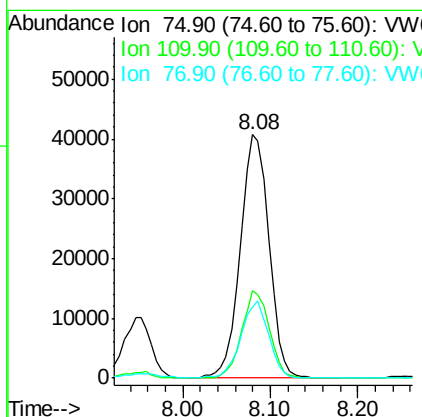
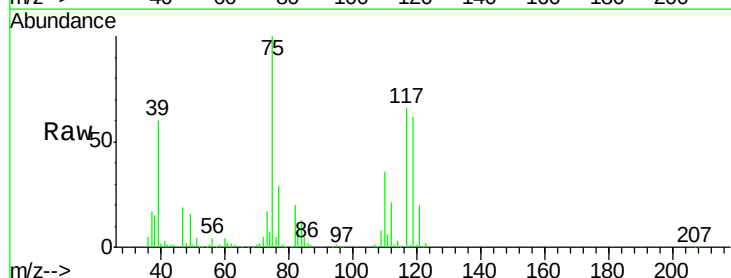
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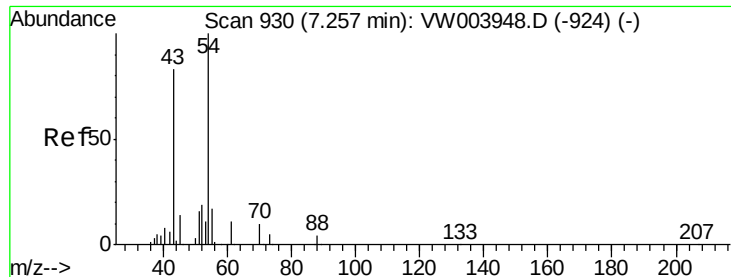
apatel
 7/24/2018 11:49:38 AM



#36
 1,1-Dichloropropene
 Concen: 21.00 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. 0.00 min
 Lab File: VW004130.D
 Acq: 23 Jul 2018 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	92802		
110	34.3	17.0	51.0	
77	30.6	24.9	37.3	





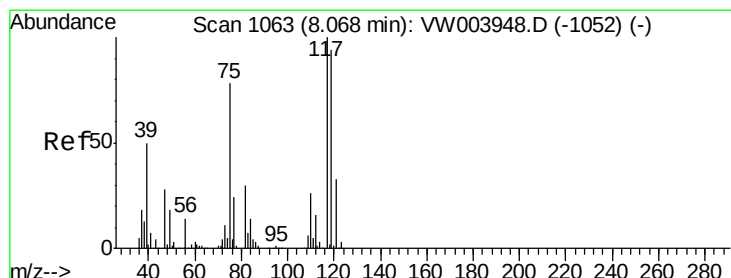
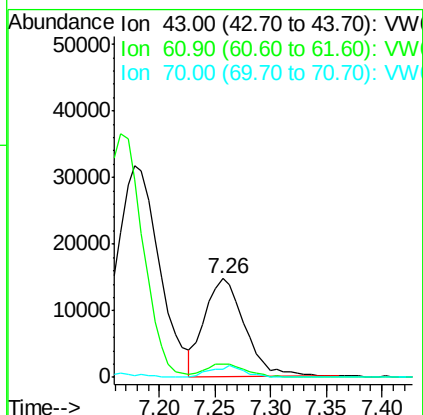
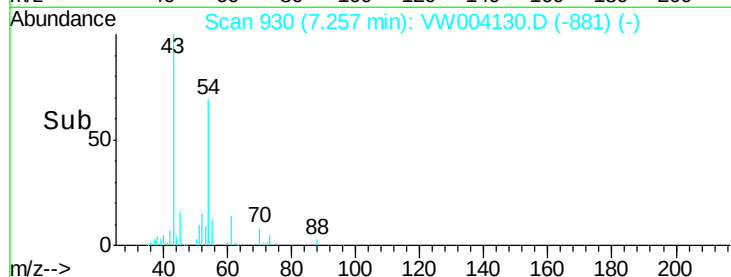
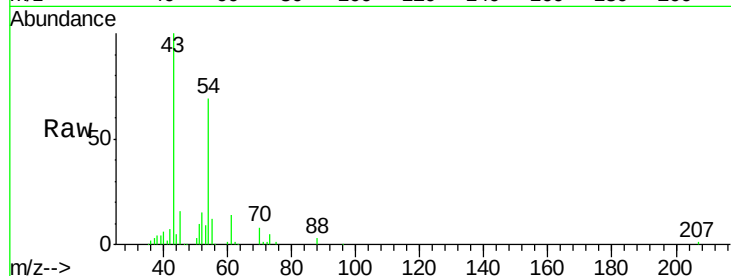
#37
Ethyl Acetate
Concen: 17.38 ug/l
RT: 7.26 min Scan# 930
Delta R.T. 0.00 min
Lab File: VW004130.D
Acq: 23 Jul 2018 12:10

Instrument :
MSVOA_W
ClientSampleId :
VW0723SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	10.7	16.1
70	9.7	7.7	11.5

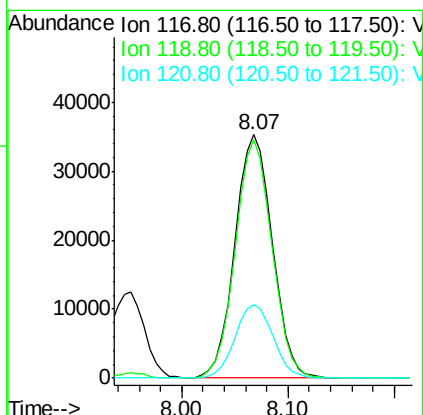
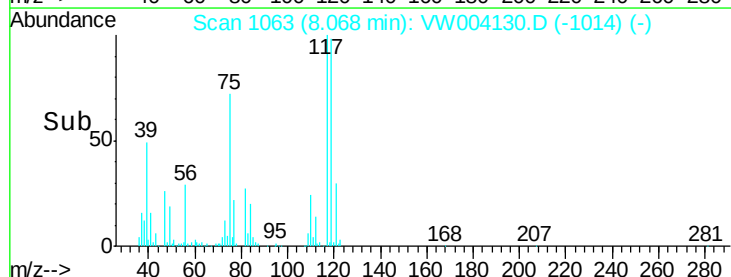
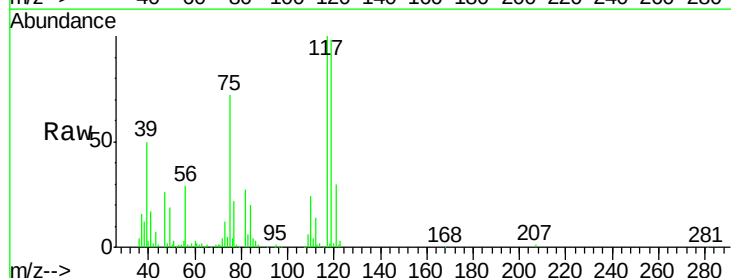
Manual Integrations
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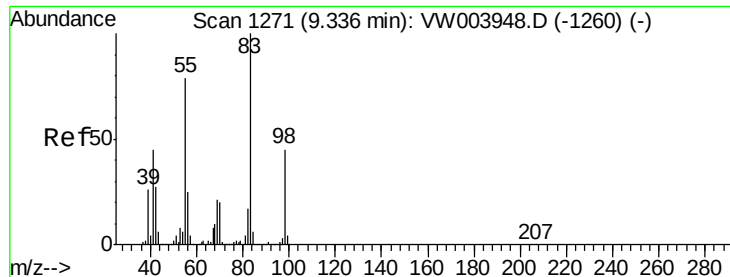
apatel
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#38
Carbon Tetrachloride
Concen: 21.13 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW004130.D
Acq: 23 Jul 2018 12:10

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.9	75.3	112.9
121	29.9	26.0	39.0





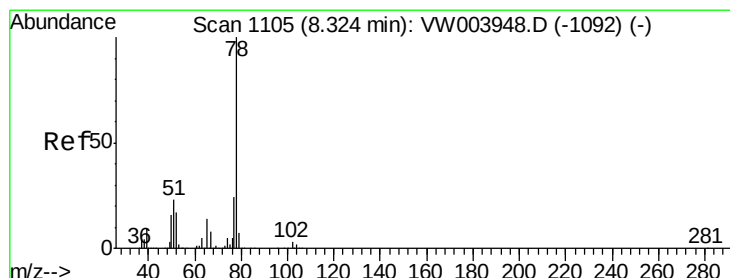
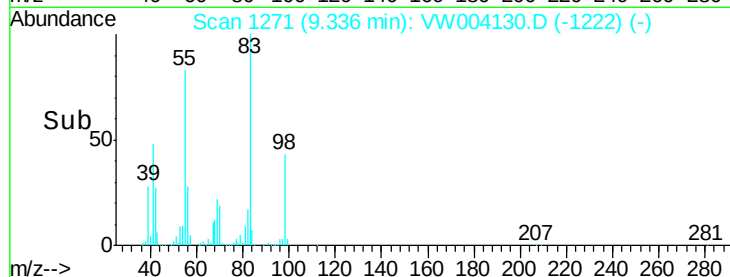
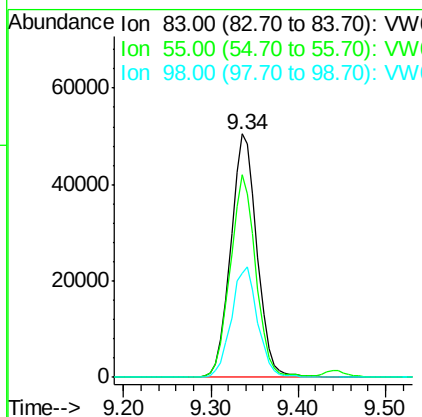
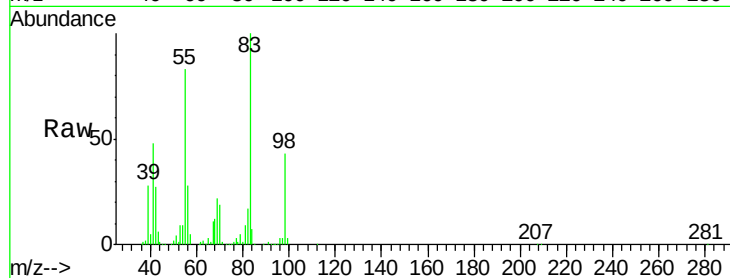
#39
Methylvlcyclohexane
Concen: 20.41 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VW004130.D
Acq: 23 Jul 2018 12:10

Instrument :
MSVOA_W
ClientSampleId :
VW0723SBS01

Tot Ion	83	Resp	105622
Ion Ratio	Lower	Upper	
83	100		
55	83.2	62.8	94.2
98	42.9	36.2	54.4

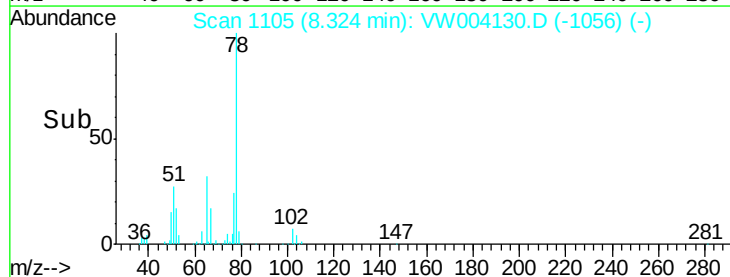
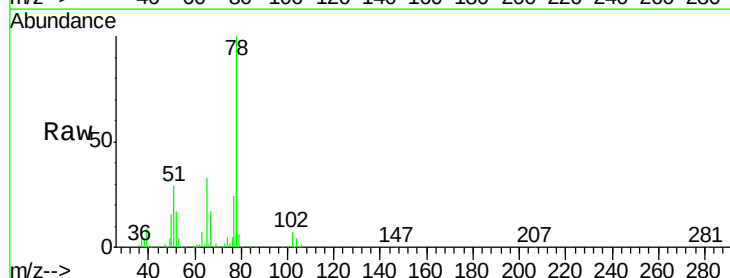
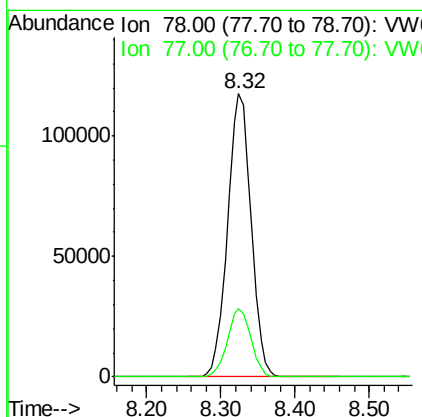
Manual Integrations
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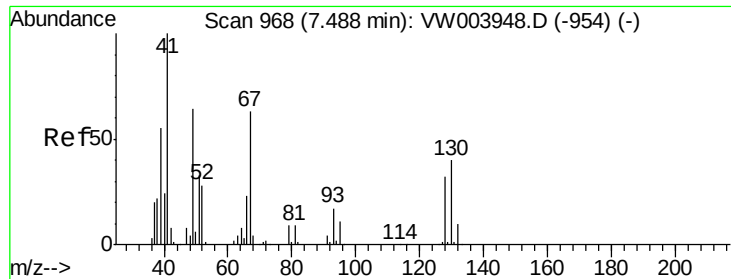
apatel
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#40
Benzene
Concen: 21.13 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VW004130.D
Acq: 23 Jul 2018 12:10

Tgt Ion	78	Resp	259130
Ion Ratio	Lower	Upper	
78	100		
77	24.3	19.5	29.3





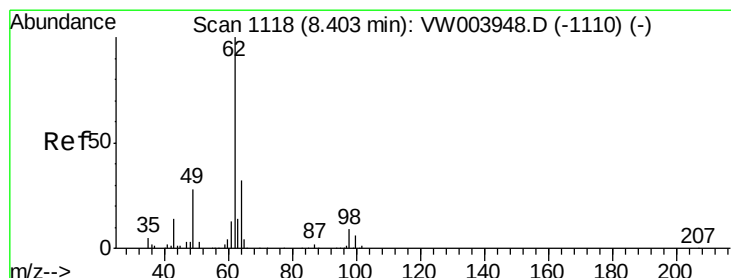
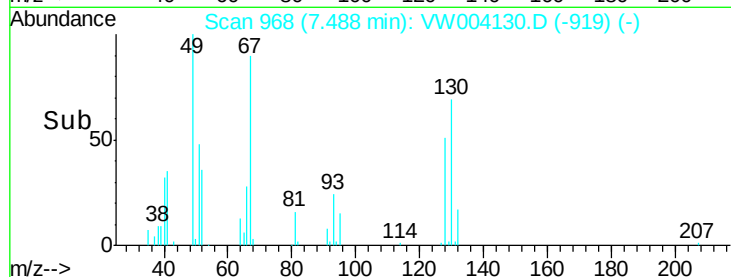
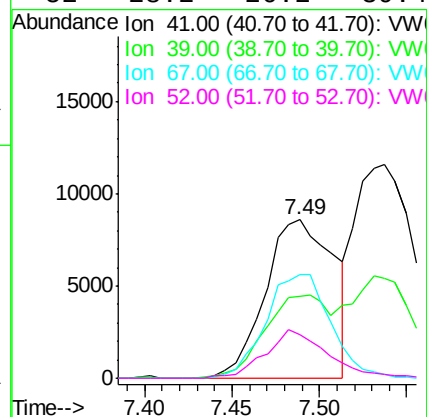
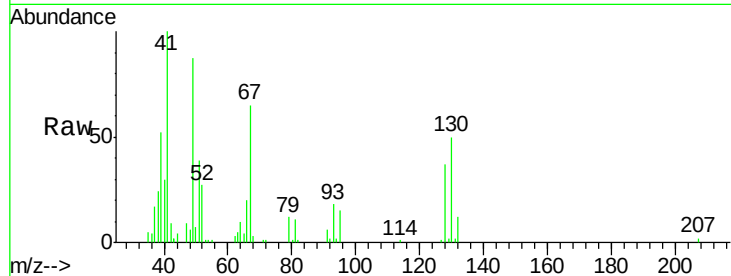
#41
Methacrylonitrile
Concen: 19.81 ug/l
RT: 7.49 min Scan# 968
Delta R.T. 0.00 min
Lab File: VW004130.D
Acq: 23 Jul 2018 12:10

Instrument :
MSVOA_W
ClientSampleId :
VW0723SBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	49.1	50.0	75.0#
67	62.4	60.8	91.2
52	28.2	26.2	39.4

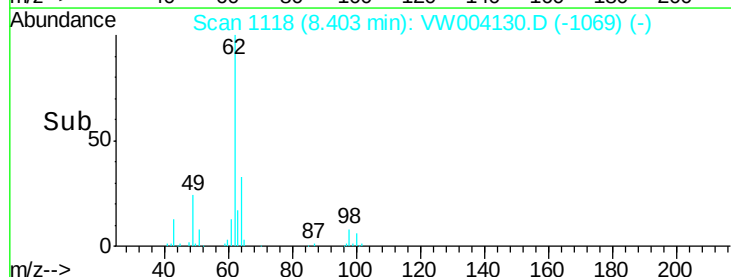
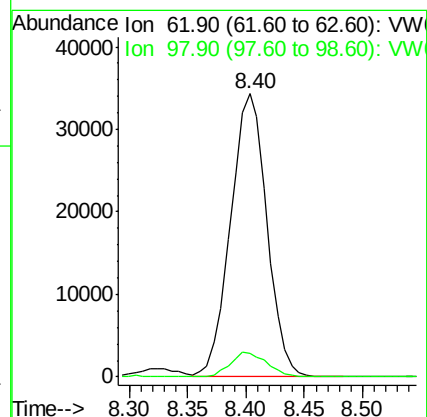
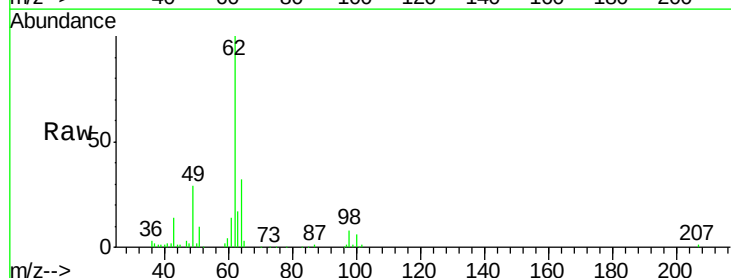
Manual Integrations
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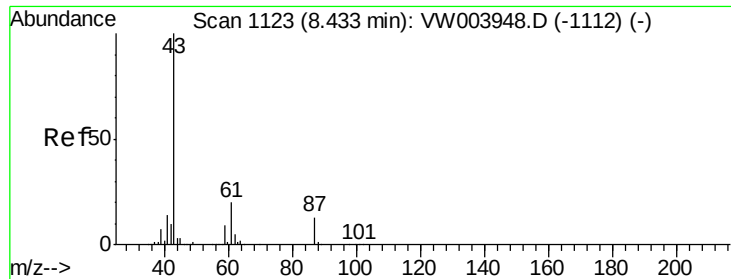
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#42
1,2-Dichloroethane
Concen: 19.89 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW004130.D
Acq: 23 Jul 2018 12:10

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.4





#43

Isopropyl Acetate

Concen: 17.06 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VW004130.D

Acq: 23 Jul 2018 12:10

Instrument :

MSVOA_W

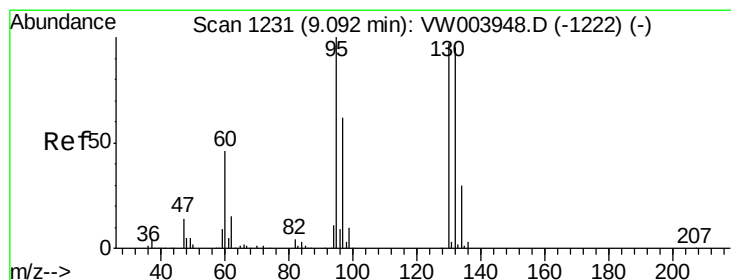
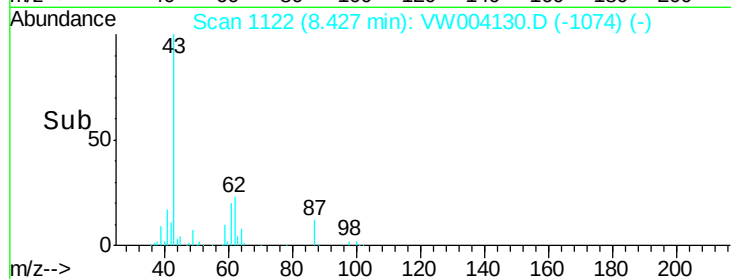
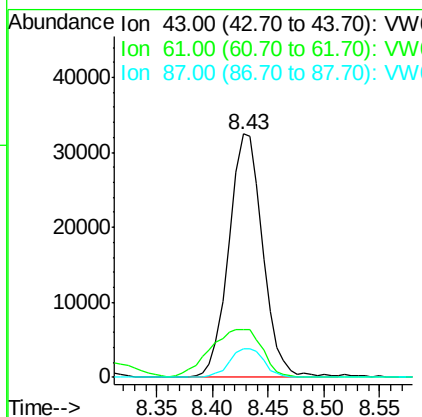
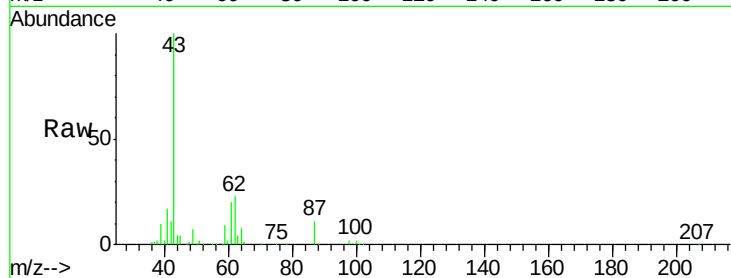
ClientSampleId :

VW0723SBS01

Tot Ion:	43	Resp:	68007
Ion	Ratio	Lower	Upper
43	100		
61	30.5	23.0	34.6
87	12.2	9.9	14.9

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#44

Trichloroethene

Concen: 21.02 ug/l

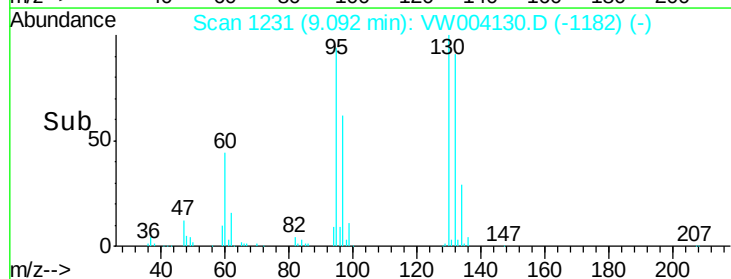
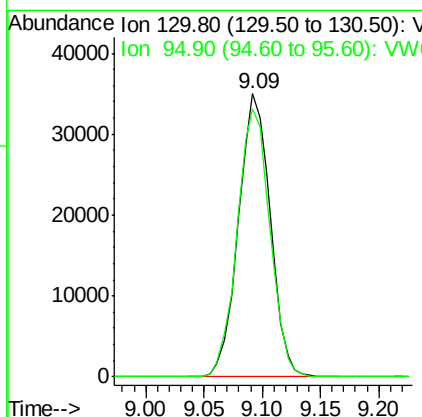
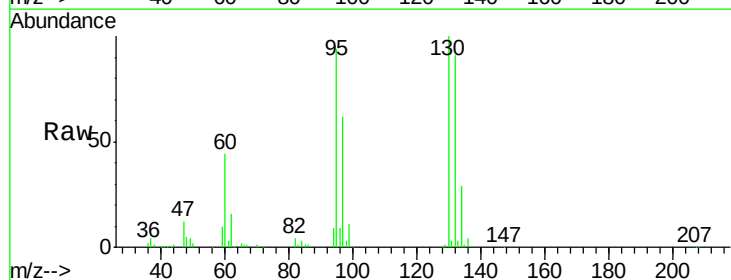
RT: 9.09 min Scan# 1231

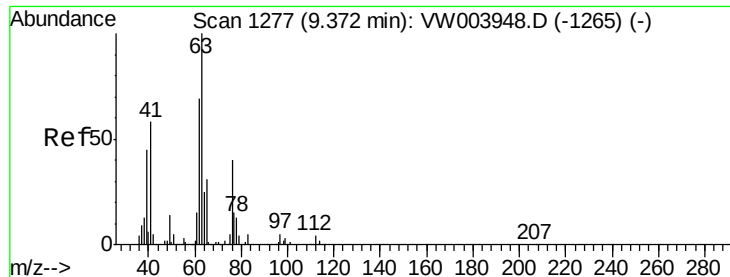
Delta R.T. 0.00 min

Lab File: VW004130.D

Acq: 23 Jul 2018 12:10

Tgt Ion:	130	Resp:	66826
Ion	Ratio	Lower	Upper
130	100		
95	94.5	0.0	206.8





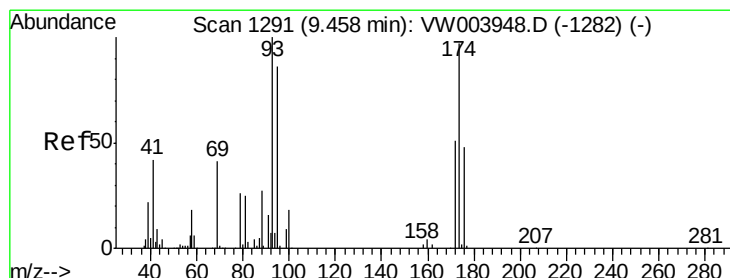
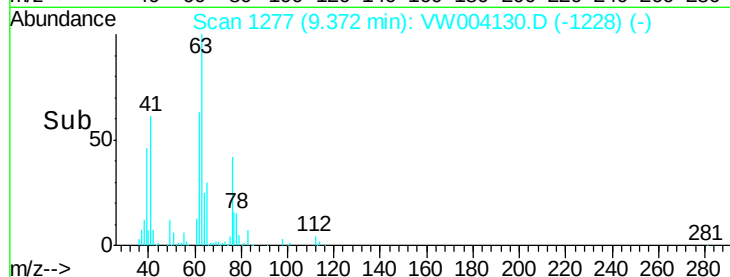
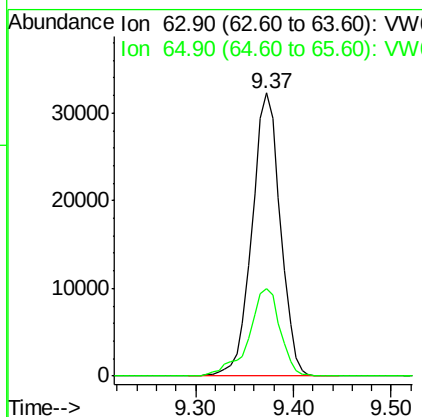
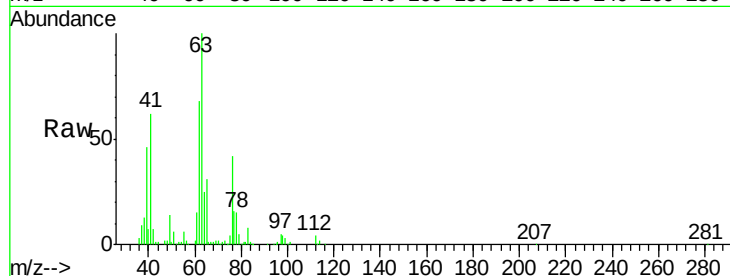
#45
 1,2-Dichloropropane
 Concen: 20.75 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW004130.D
 Acq: 23 Jul 2018 12:10

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0723SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.1	24.8	37.2

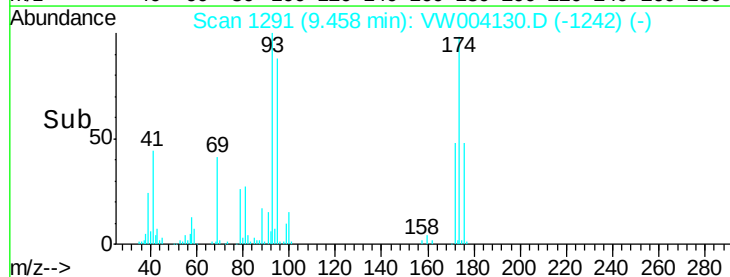
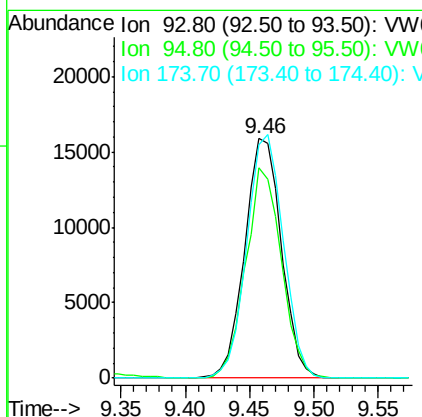
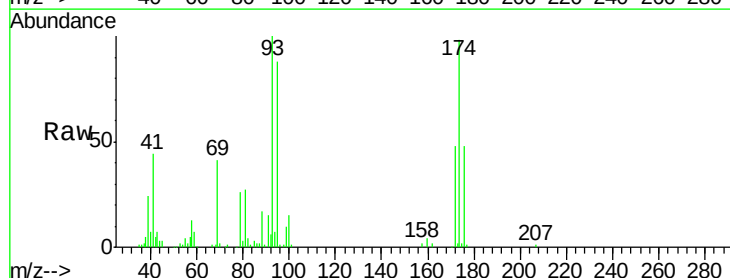
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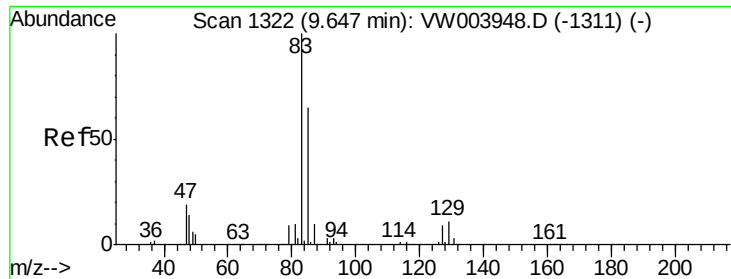
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#46
 Dibromomethane
 Concen: 19.25 ug/l
 RT: 9.46 min Scan# 1291
 Delta R.T. 0.00 min
 Lab File: VW004130.D
 Acq: 23 Jul 2018 12:10

Tgt Ion	Ratio	Lower	Upper
93	100		
95	85.7	66.9	100.3
174	101.4	80.2	120.2





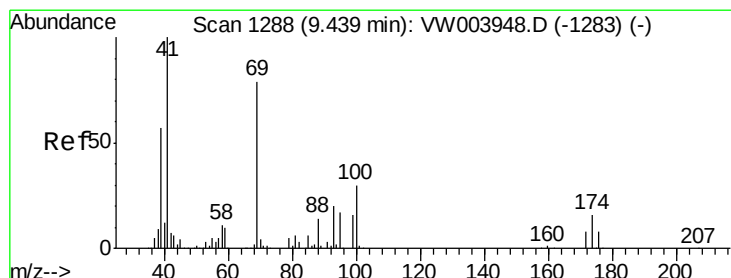
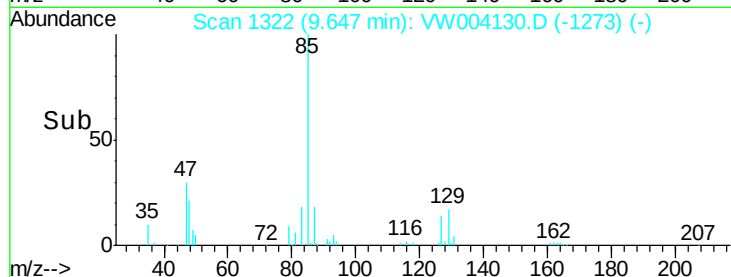
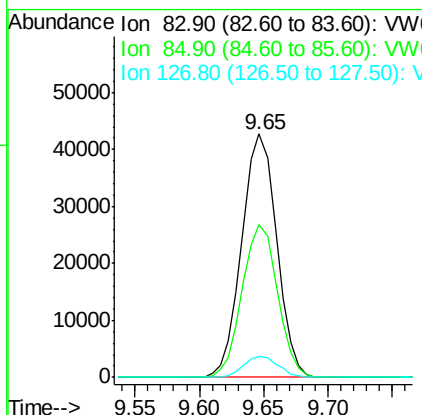
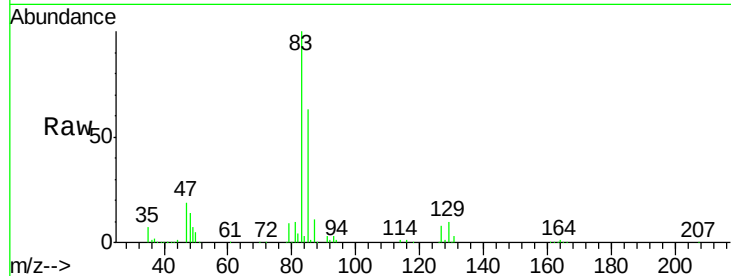
#47
 Bromodichloromethane
 Concen: 20.08 ug/l
 RT: 9.65 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VW004130.D
 Acq: 23 Jul 2018 12:10

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0723SBS01

Tot Ion	83	Resp	80389
Ion Ratio	100	Lower	Upper
83	100		
85	62.5	52.2	78.2
127	8.5	7.0	10.4

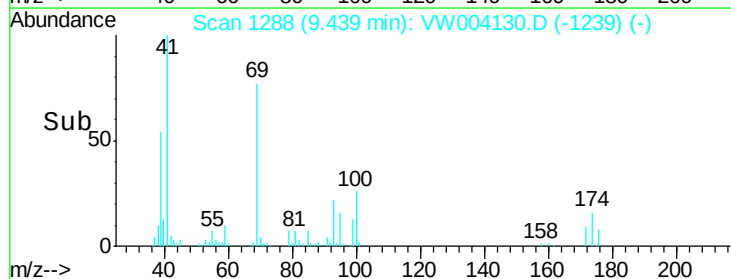
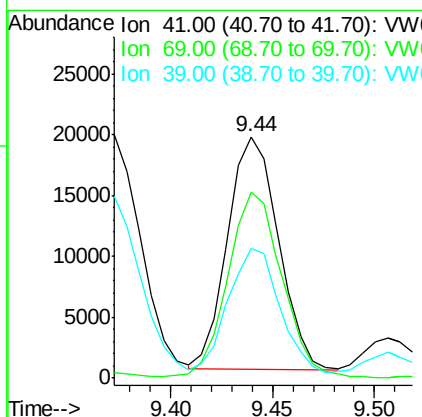
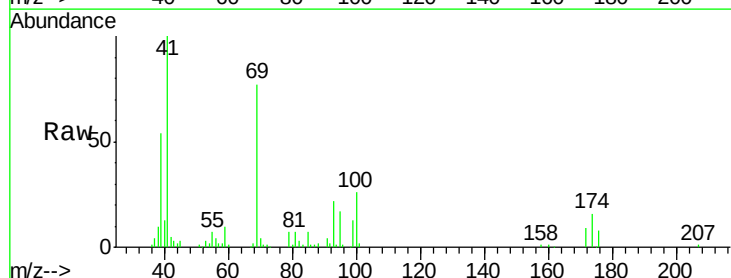
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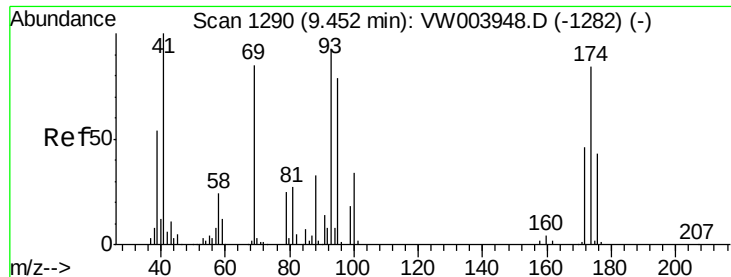
apatel
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#48
 Methyl methacrylate
 Concen: 17.16 ug/l
 RT: 9.44 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: VW004130.D
 Acq: 23 Jul 2018 12:10

Tgt Ion	41	Resp	33080
Ion Ratio	100	Lower	Upper
41	100		
69	84.7	67.0	100.6
39	53.8	48.8	73.2





#49

1,4-Dioxane

Concen: 384.86 ug/l

RT: 9.47 min Scan# 1293

Delta R.T. 0.02 min

Lab File: VW004130.D

Acq: 23 Jul 2018 12:10

Instrument :

MSVOA_W

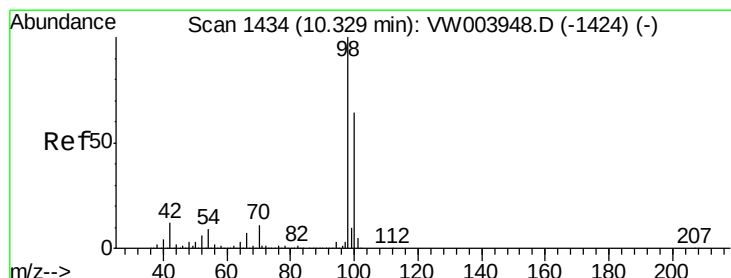
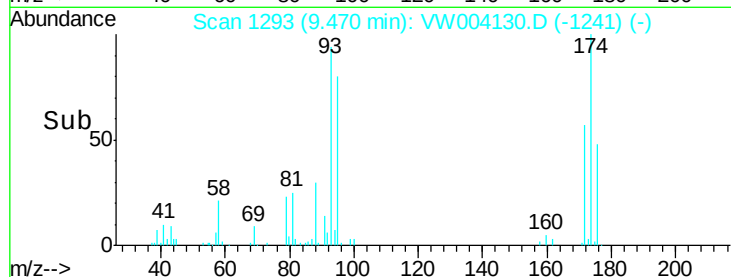
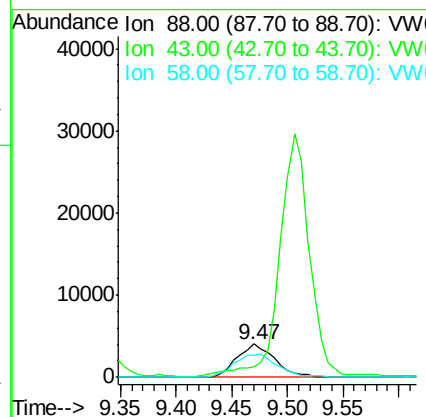
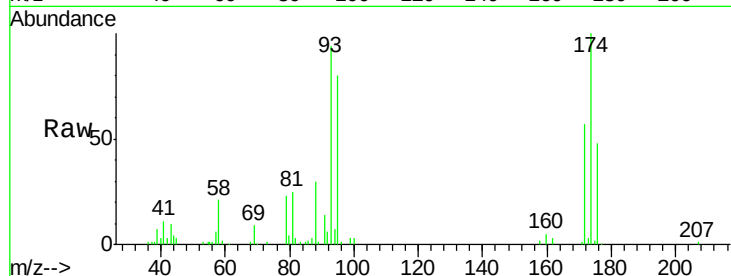
ClientSampleId :

VW0723SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	27.3	40.9#
58	80.0	61.1	91.7

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#50

Toluene-d8

Concen: 52.97 ug/l

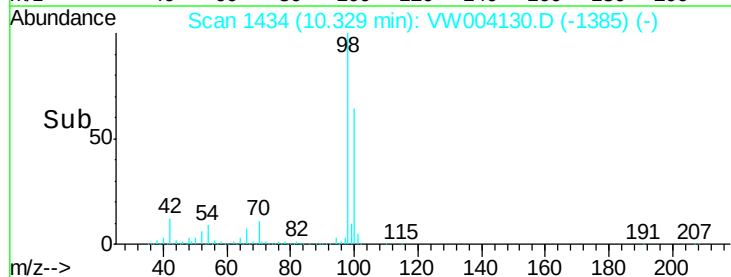
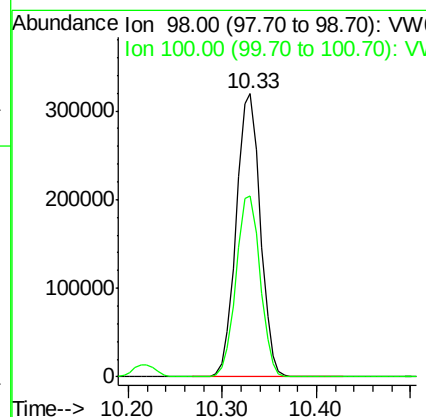
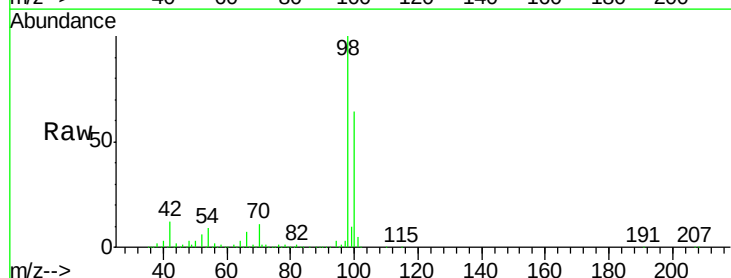
RT: 10.33 min Scan# 1434

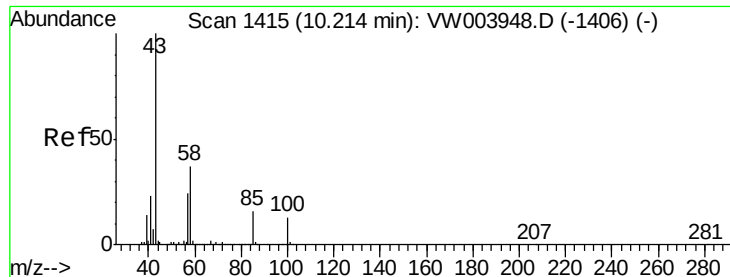
Delta R.T. 0.00 min

Lab File: VW004130.D

Acq: 23 Jul 2018 12:10

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 85.25 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. 0.00 min

Lab File: VW004130.D

Acq: 23 Jul 2018 12:10

Instrument :

MSVOA_W

ClientSampled :

VW0723SBS01

Tot Ion: 43 Resp: 181079

Ion Ratio Lower Upper

43 100

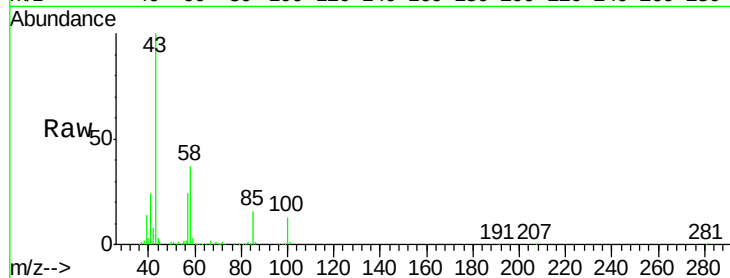
58 37.4 29.9 44.9

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

120000

100000

80000

60000

40000

20000

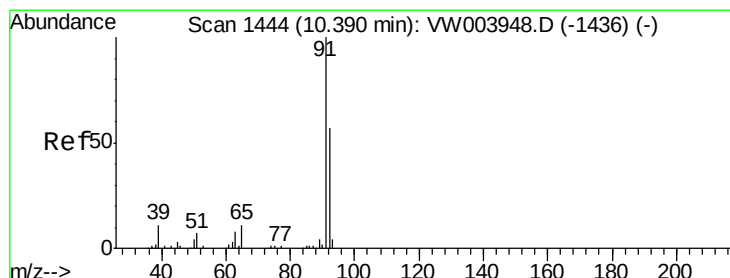
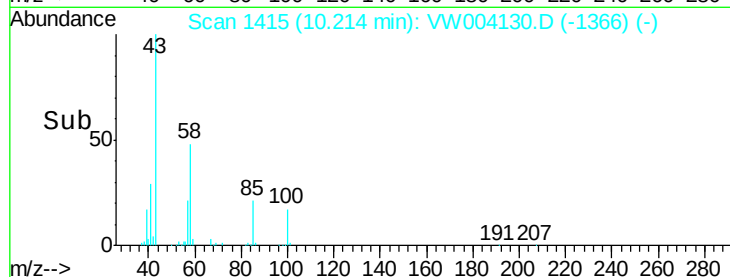
0

10.10

10.20

10.30

Time-->



#52

Toluene

Concen: 21.39 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW004130.D

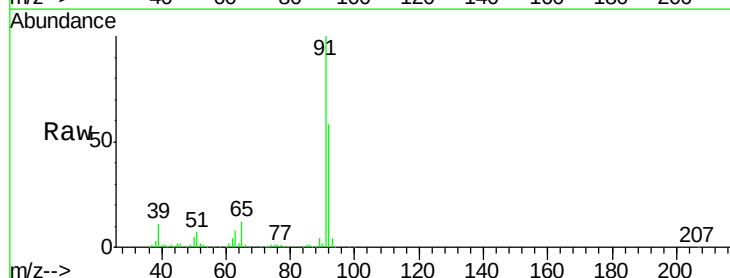
Acq: 23 Jul 2018 12:10

Tgt Ion: 92 Resp: 162156

Ion Ratio Lower Upper

92 100

91 171.6 139.6 209.4



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

150000

100000

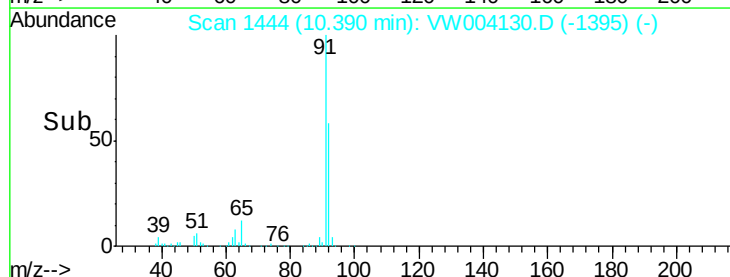
50000

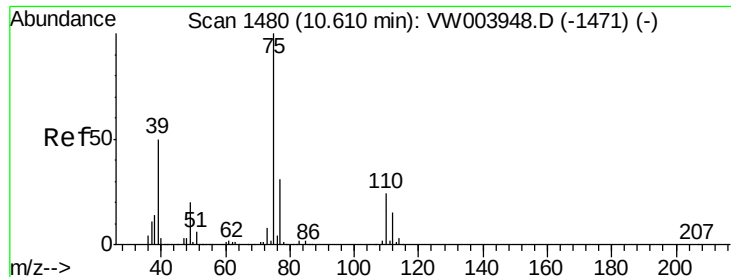
0

10.30

10.40

Time-->





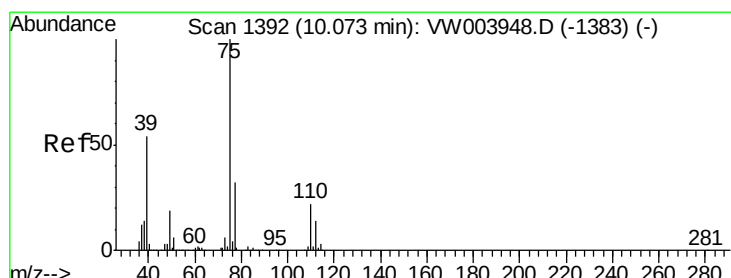
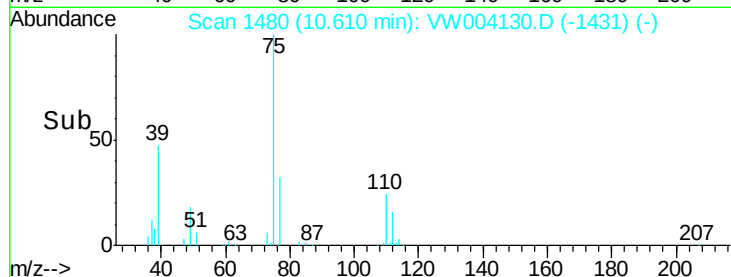
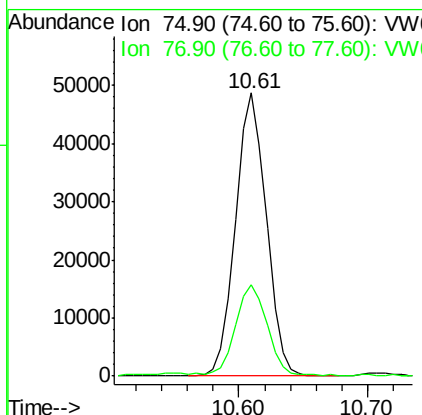
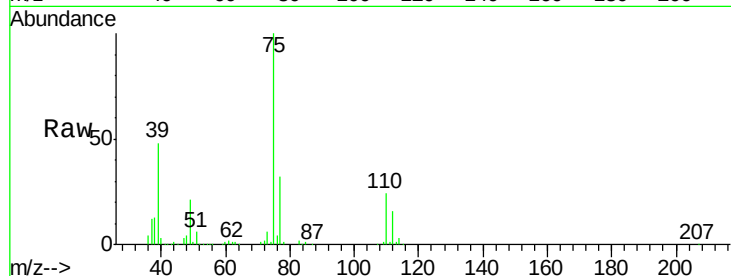
#53
 t-1,3-Dichloropropene
 Concen: 19.29 ug/l
 RT: 10.61 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: VW004130.D
 Acq: 23 Jul 2018 12:10

Instrument :
 MSVOA_W
 ClientSampled :
 VW0723SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.2	37.8

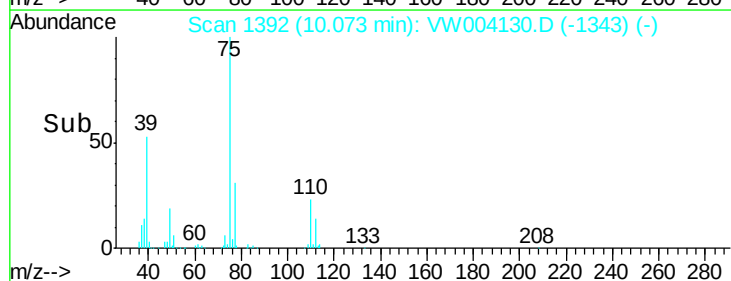
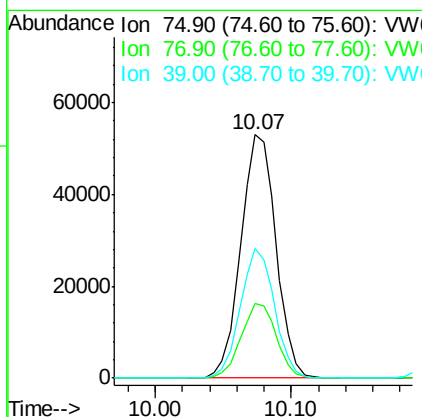
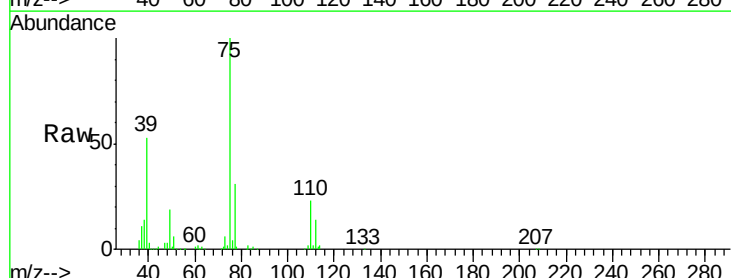
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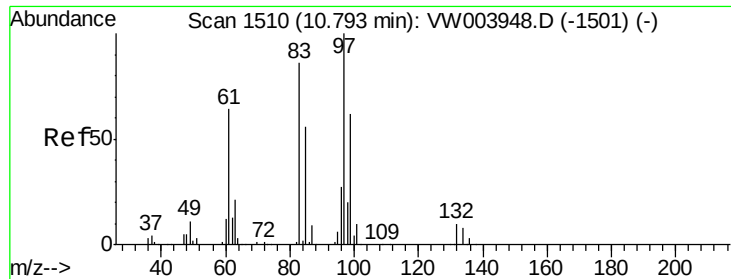
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#54
 cis-1,3-Dichloropropene
 Concen: 19.95 ug/l
 RT: 10.07 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW004130.D
 Acq: 23 Jul 2018 12:10

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.6	25.4	38.2
39	53.1	43.0	64.6





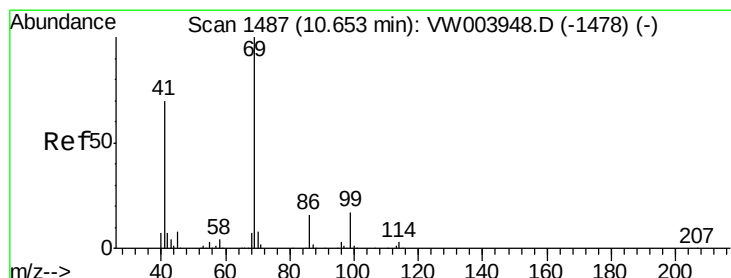
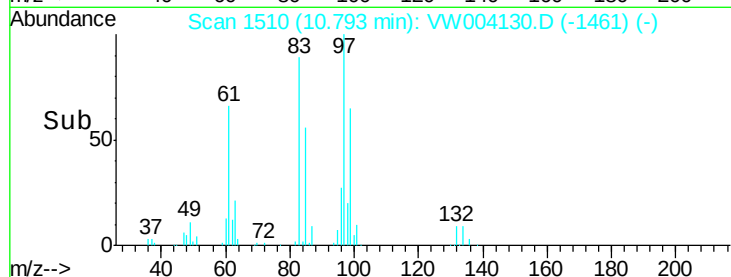
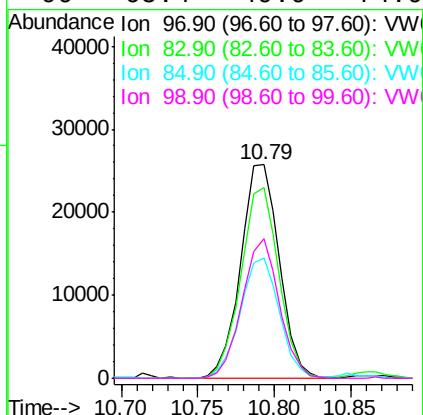
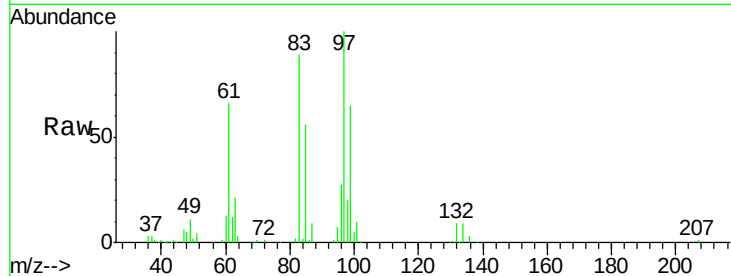
#55
 1,1,2-Trichloroethane
 Concen: 19.87 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW004130.D
 Acq: 23 Jul 2018 12:10

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0723SBS01

Tot Ion	Ratio	Lower	Upper
97	100		
83	89.1	69.0	103.4
85	56.1	45.0	67.6
99	65.4	49.9	74.9

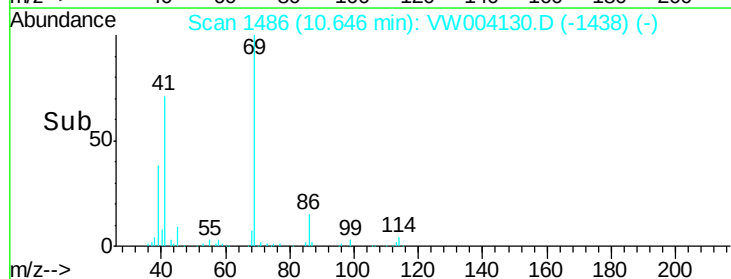
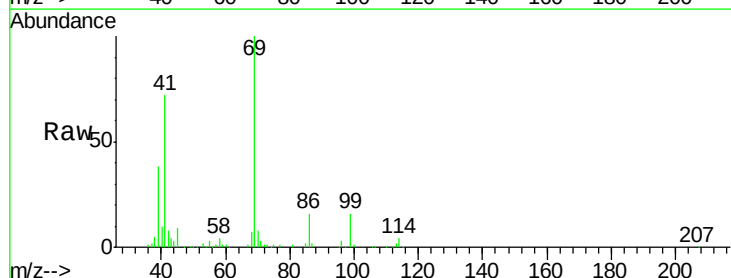
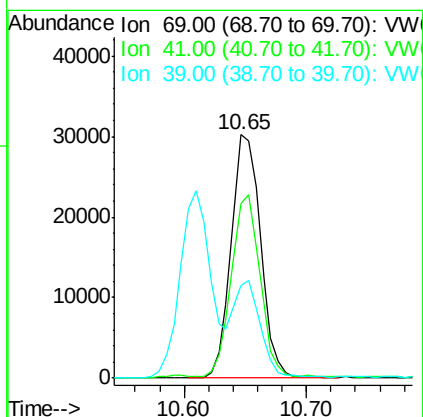
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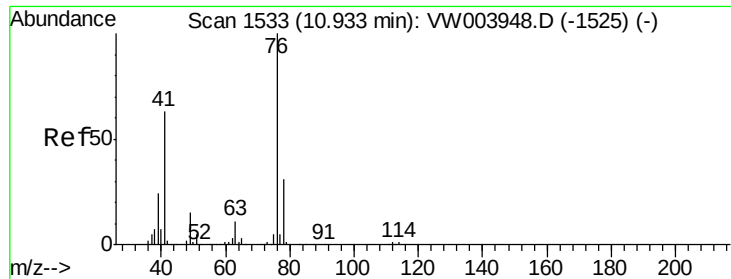
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#56
 Ethyl methacrylate
 Concen: 17.44 ug/l
 RT: 10.65 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: VW004130.D
 Acq: 23 Jul 2018 12:10

Tgt Ion	Ratio	Lower	Upper
69	100		
41	72.7	56.5	84.7
39	35.6	30.2	45.4





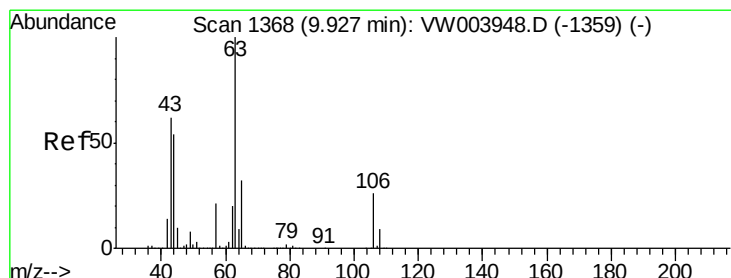
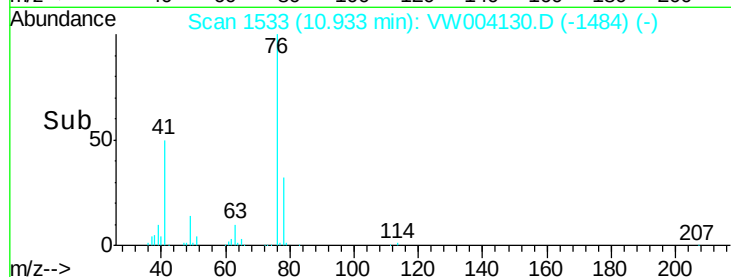
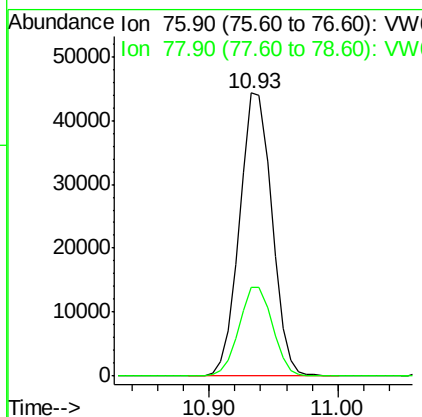
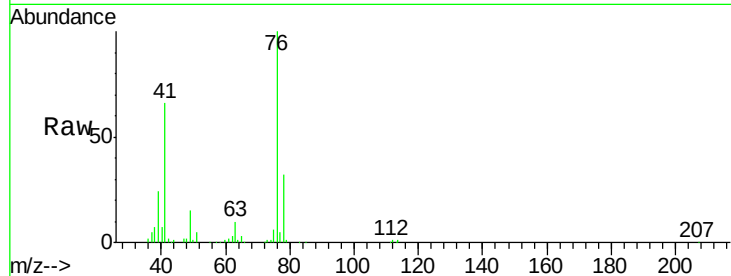
#57
 1,3-Dichloropropane
 Concen: 19.45 ug/l
 RT: 10.93 min Scan# 1533
 Delta R.T. 0.00 min
 Lab File: VW004130.D
 Acq: 23 Jul 2018 12:10

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0723SBS01

Tot Ion: 76 Resp: 77199
 Ion Ratio Lower Upper
 76 100
 78 32.7 25.2 37.8

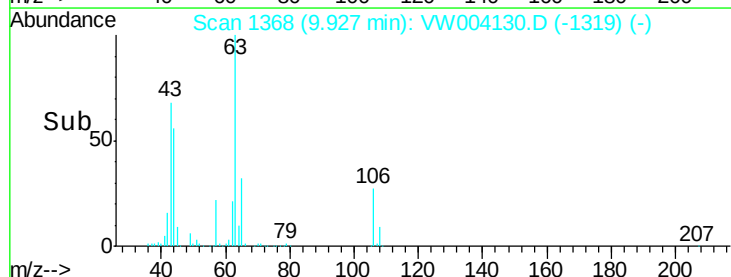
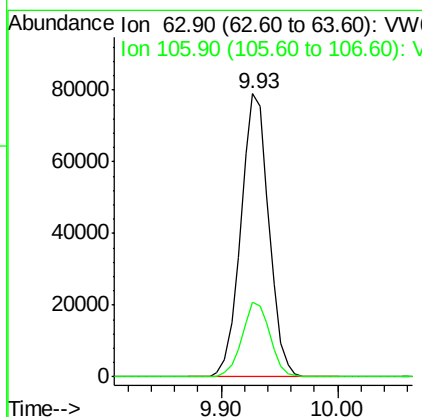
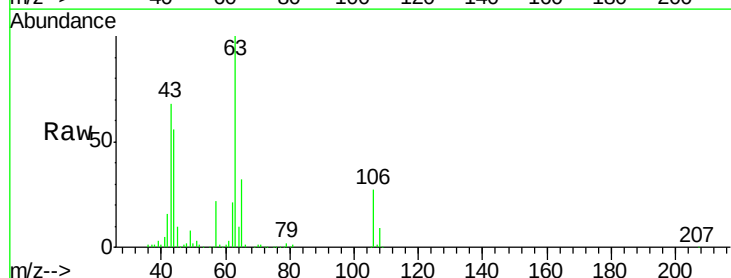
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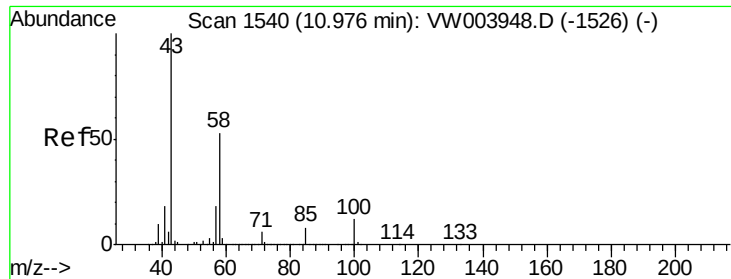
apatel
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#58
 2-Chloroethyl Vinyl ether
 Concen: 97.78 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VW004130.D
 Acq: 23 Jul 2018 12:10

Tgt Ion: 63 Resp: 132480
 Ion Ratio Lower Upper
 63 100
 106 26.5 21.2 31.8





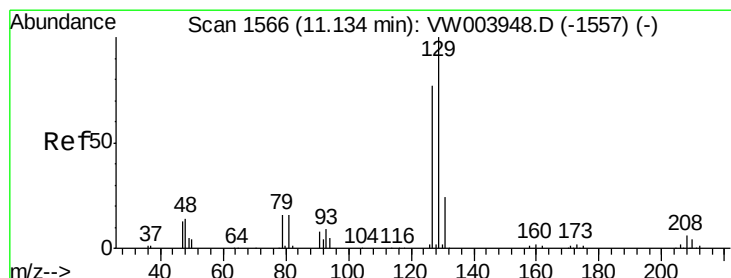
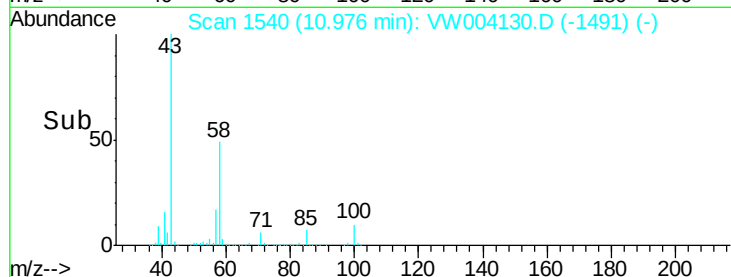
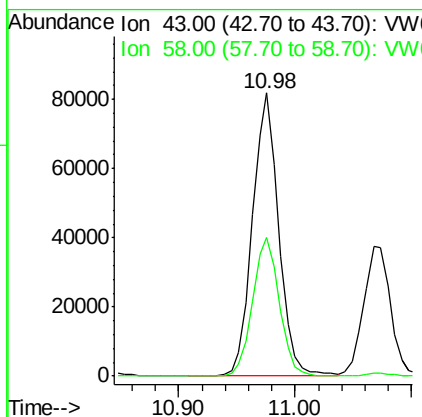
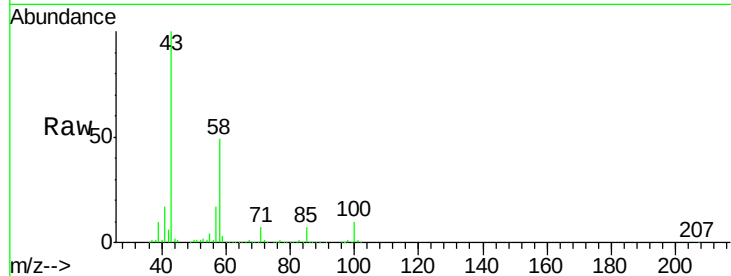
#59
2-Hexanone
Concen: 86.06 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW004130.D
Acq: 23 Jul 2018 12:10

Instrument :
MSVOA_W
ClientSampleId :
VW0723SBS01

Tot Ion: 43 Resp: 128840
Ion Ratio Lower Upper
43 100
58 49.7 26.0 78.0

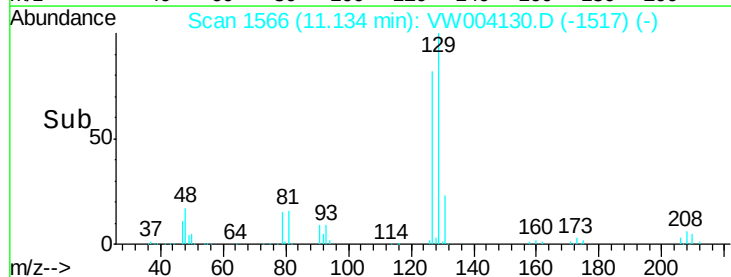
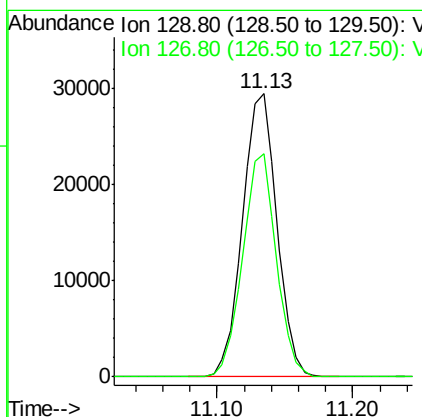
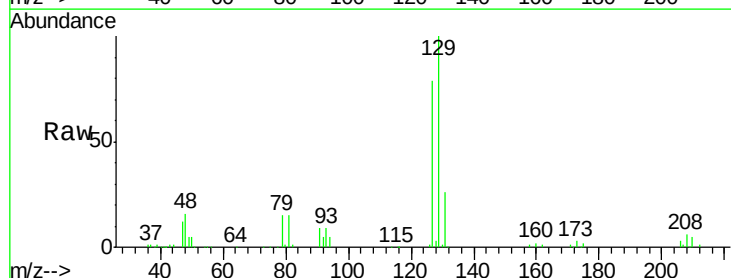
Manual Integrations
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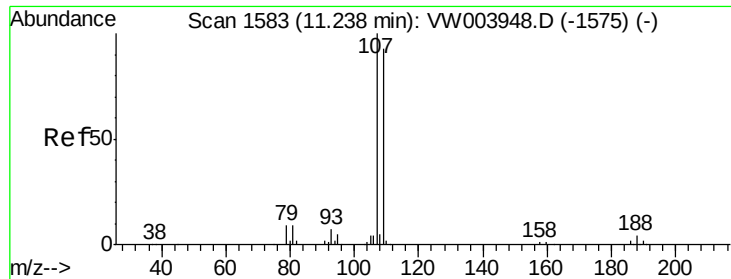
apatel
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#60
Dibromochloromethane
Concen: 19.56 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW004130.D
Acq: 23 Jul 2018 12:10

Tgt Ion: 129 Resp: 52029
Ion Ratio Lower Upper
129 100
127 77.1 39.1 117.3





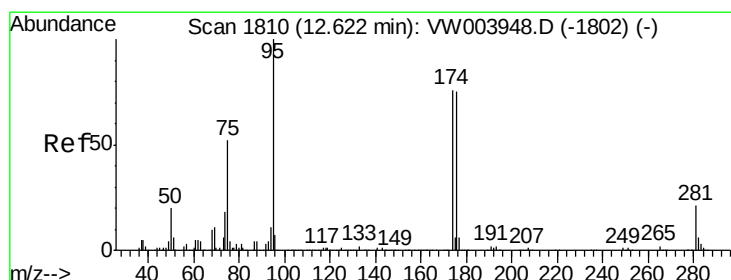
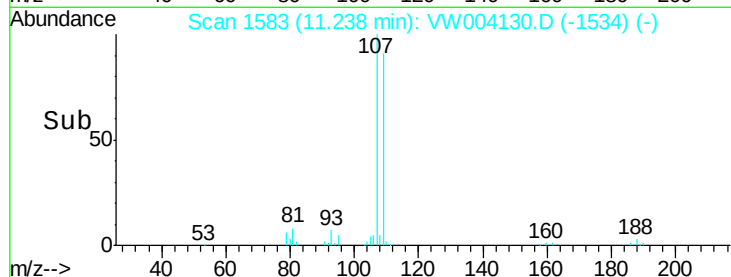
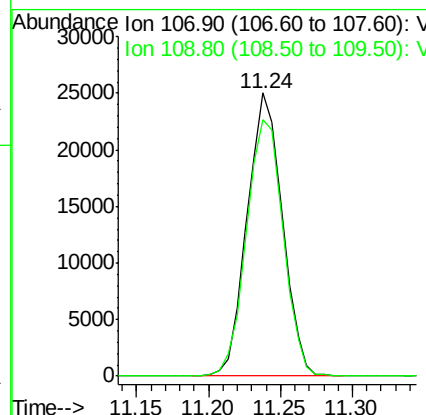
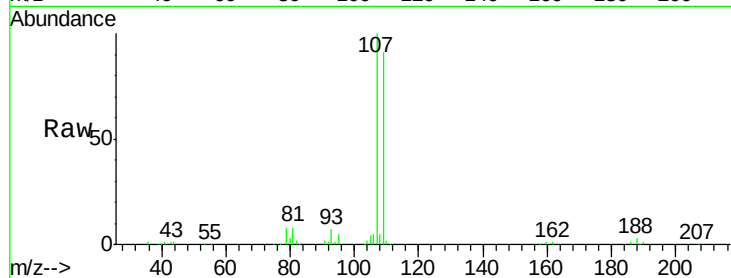
#61
 1,2-Dibromoethane
 Concen: 19.48 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW004130.D
 Acq: 23 Jul 2018 12:10

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0723SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.6	74.3	111.5

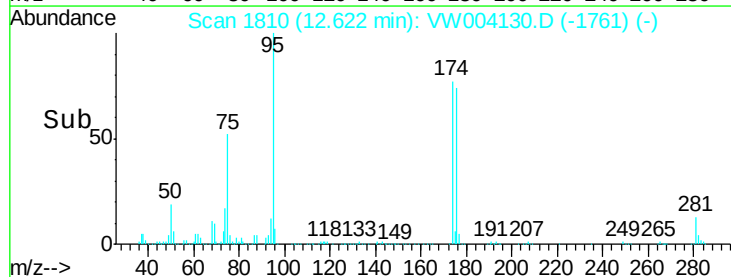
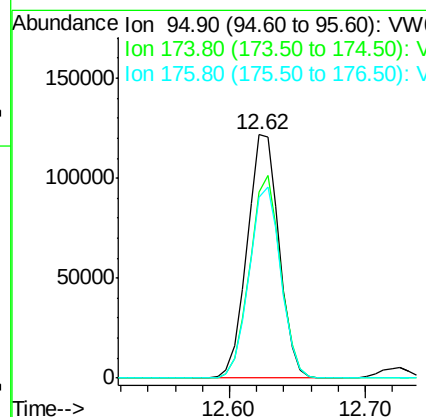
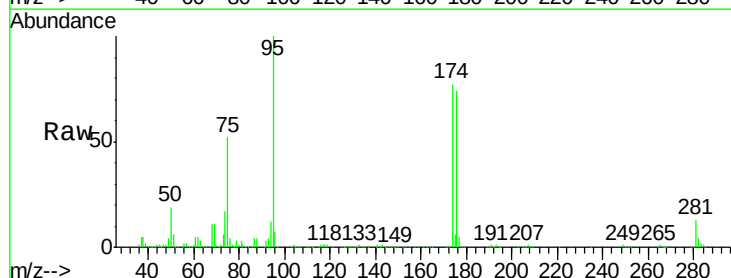
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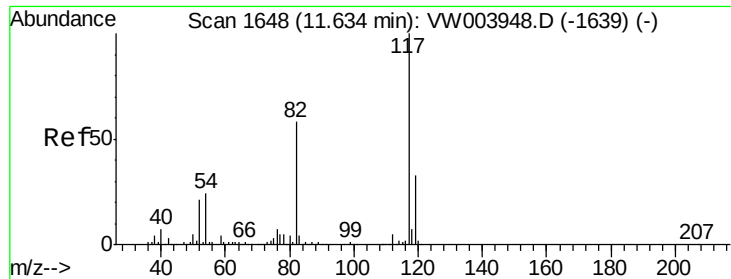
apatel
 7/24/2018 11:49:38 AM



#62
 4-Bromofluorobenzene
 Concen: 51.84 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VW004130.D
 Acq: 23 Jul 2018 12:10

Tgt Ion	Ratio	Lower	Upper
95	100		
174	80.3	0.0	160.2
176	77.8	0.0	155.8





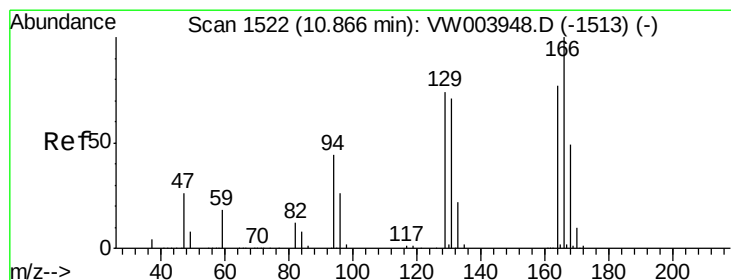
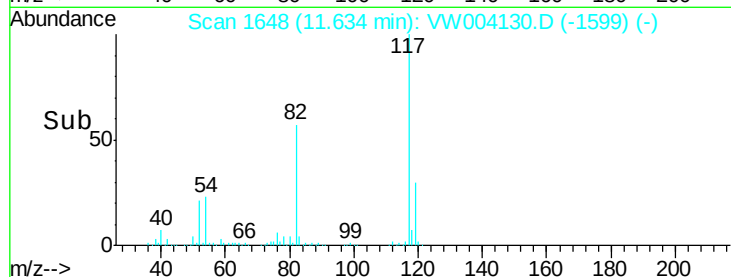
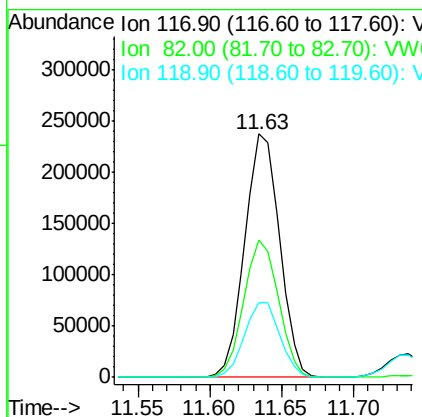
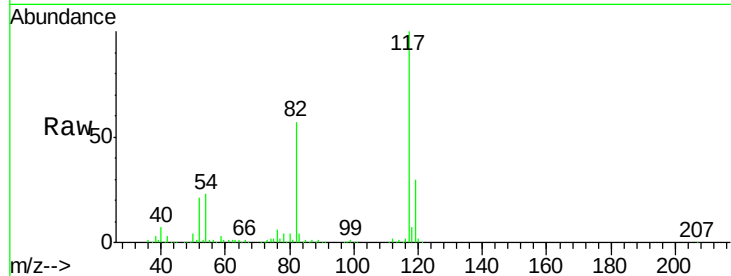
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004130.D
Acq: 23 Jul 2018 12:10

Instrument :
MSVOA_W
ClientSampleId :
VW0723SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	397840		
82	56.6	46.5	69.7	
119	30.5	26.2	39.2	

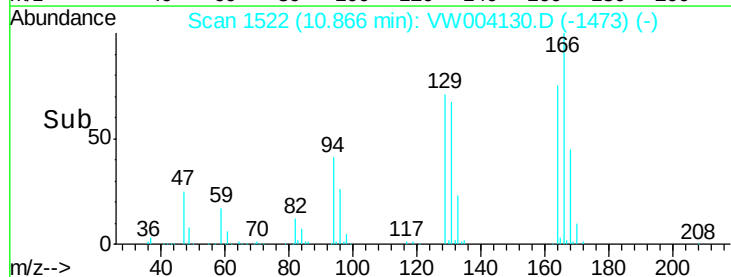
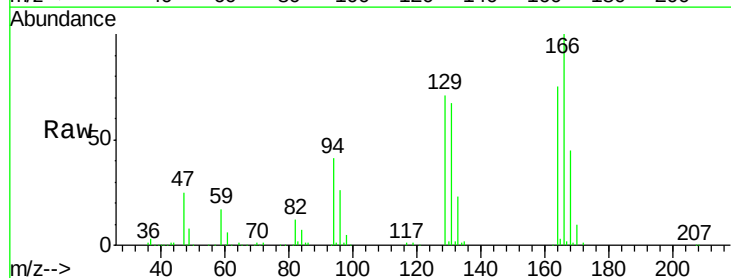
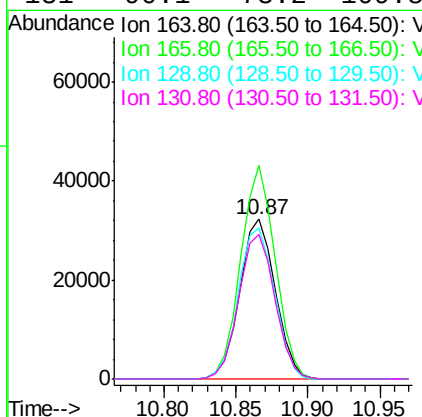
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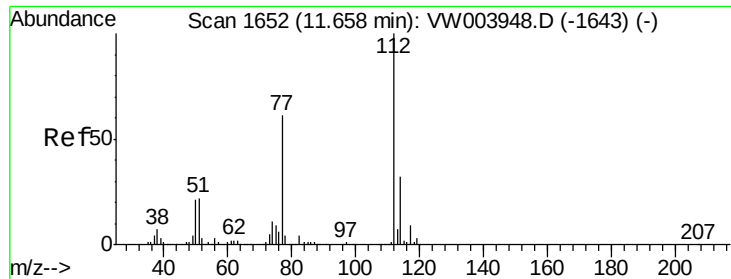
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#64
Tetrachloroethene
Concen: 20.18 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW004130.D
Acq: 23 Jul 2018 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	55092		
166	133.6	103.5	155.3	
129	94.6	76.8	115.2	
131	90.1	73.2	109.8	





#65

Chlorobenzene

Concen: 20.01 ug/l

RT: 11.66 min Scan# 1653

Delta R.T. 0.01 min

Lab File: VW004130.D

Acq: 23 Jul 2018 12:10

Instrument :

MSVOA_W

ClientSampleId :

VW0723SBS01

Tot Ion:112 Resp: 169263

Ion Ratio Lower Upper

112 100

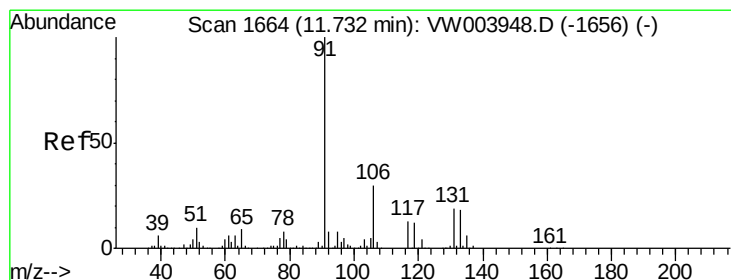
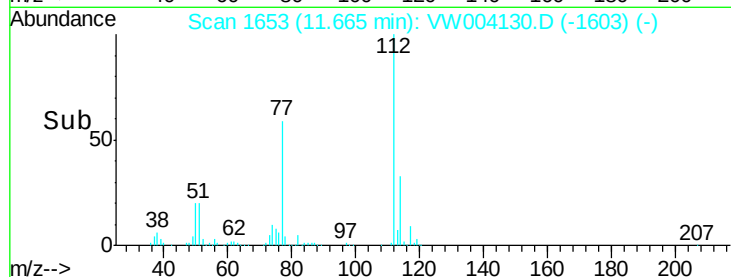
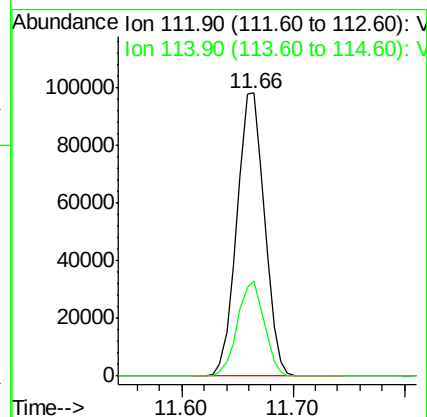
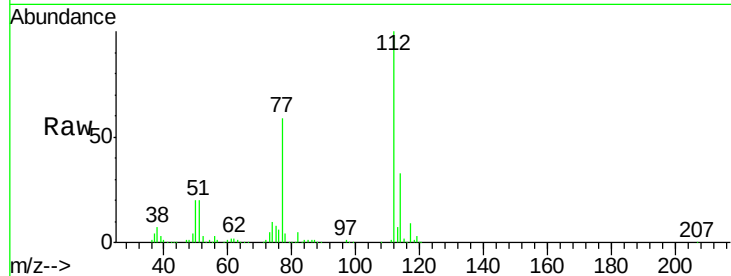
114 33.4 25.2 37.8

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#66

1,1,1,2-Tetrachloroethane

Concen: 19.97 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. 0.01 min

Lab File: VW004130.D

Acq: 23 Jul 2018 12:10

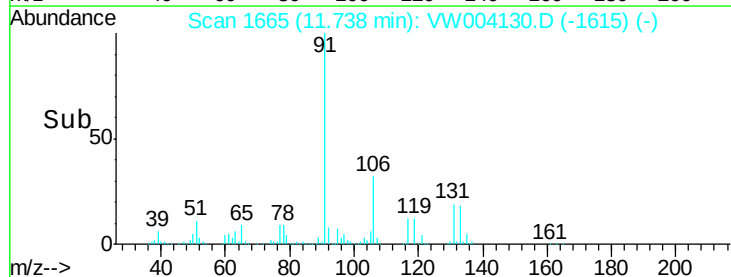
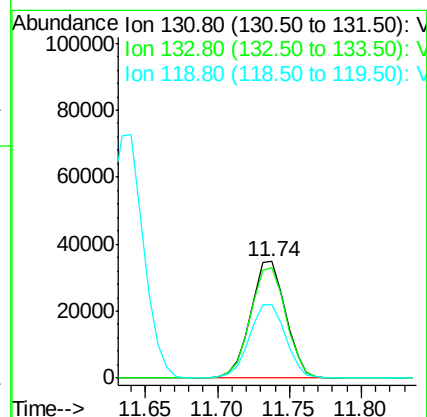
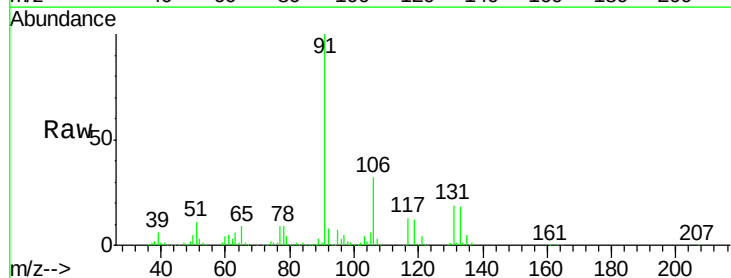
Tgt Ion:131 Resp: 58719

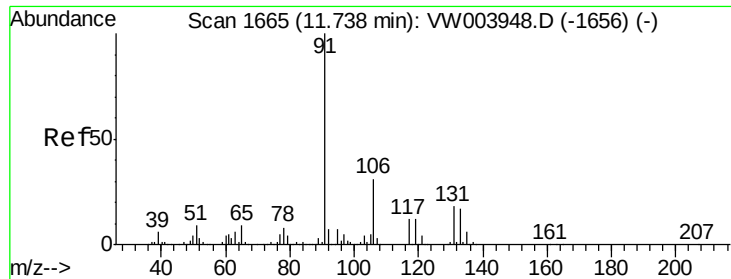
Ion Ratio Lower Upper

131 100

133 96.2 47.9 143.8

119 64.6 32.5 97.5





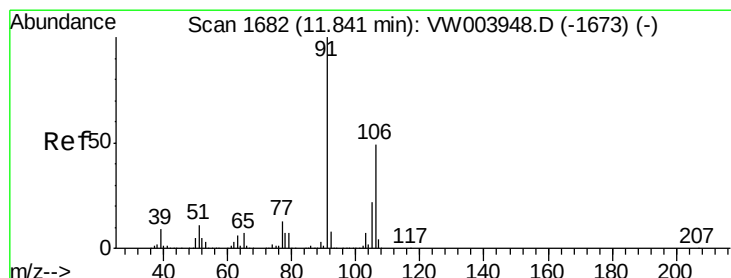
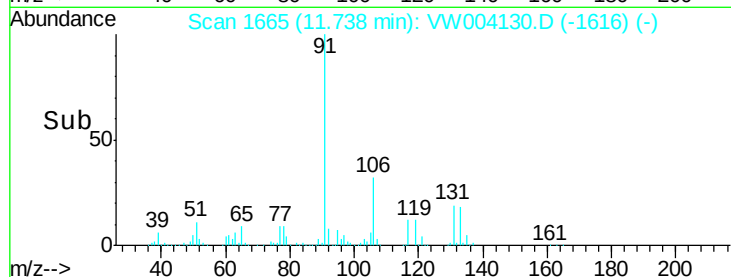
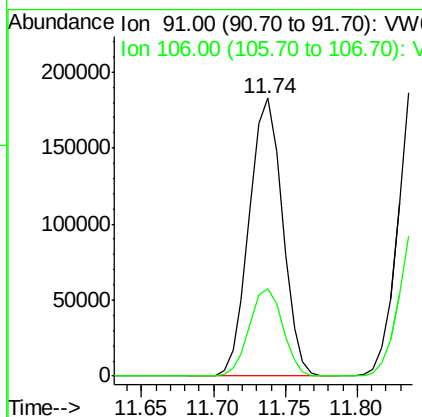
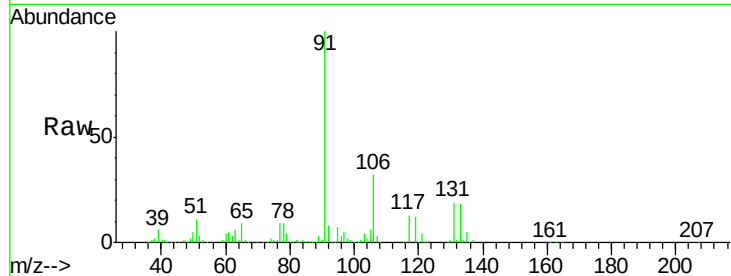
#67
Ethyl Benzene
Concen: 19.74 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW004130.D
Acq: 23 Jul 2018 12:10

Instrument :
MSVOA_W
ClientSampleId :
VW0723SBS01

Tot Ion: 91 Resp: 293283
Ion Ratio Lower Upper
91 100
106 31.6 25.0 37.4

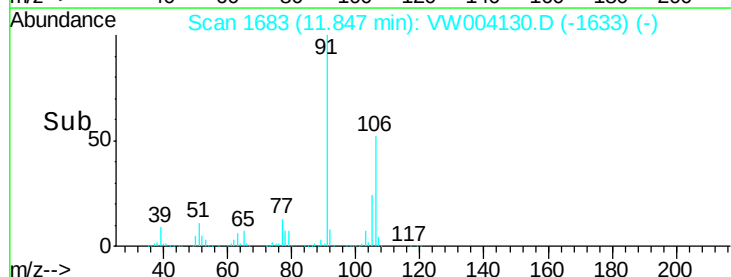
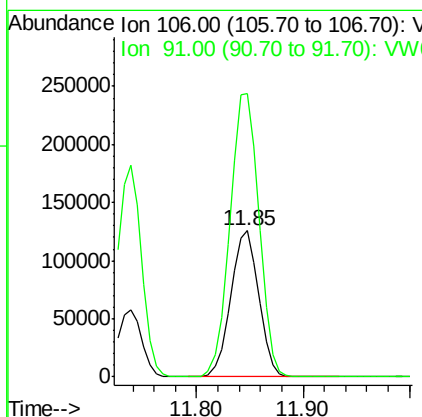
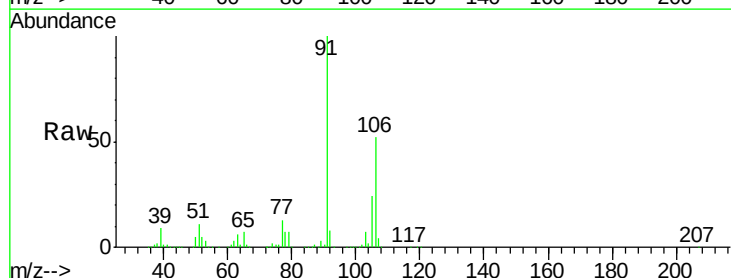
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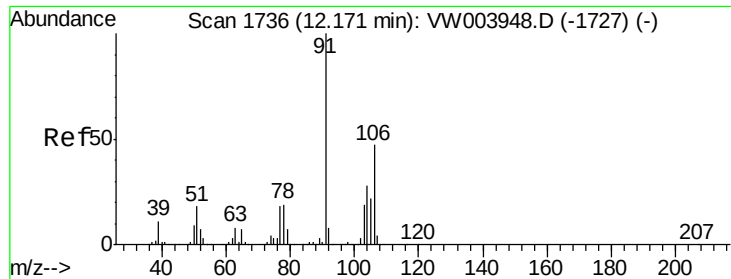
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#68
m/p-Xylenes
Concen: 40.81 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.01 min
Lab File: VW004130.D
Acq: 23 Jul 2018 12:10

Tgt Ion: 106 Resp: 231781
Ion Ratio Lower Upper
106 100
91 200.8 164.2 246.2





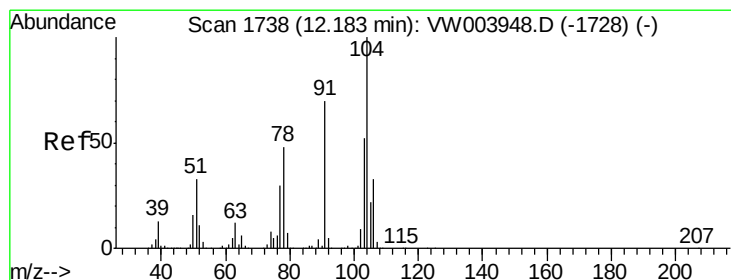
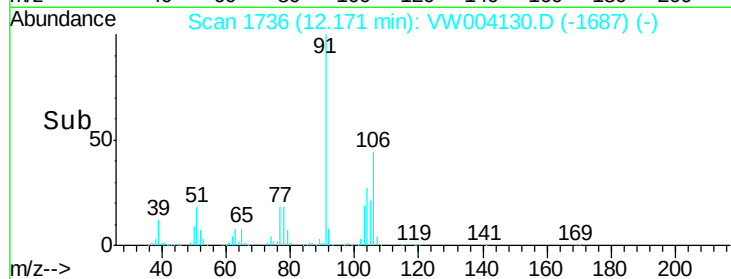
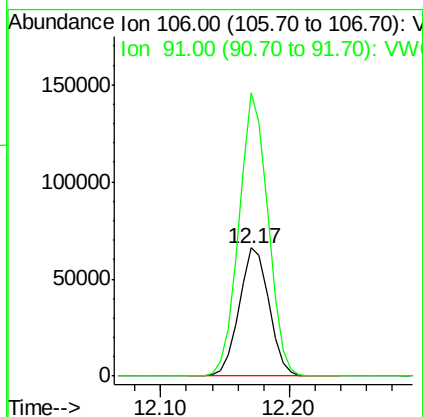
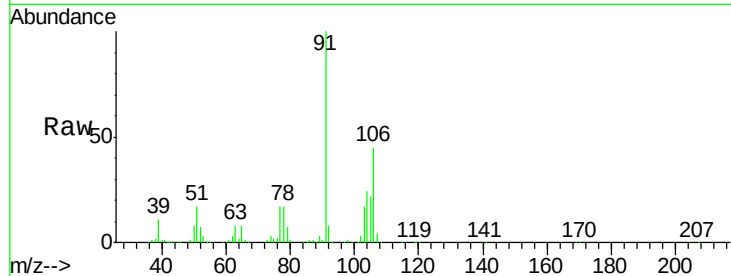
#69
o-Xylene
Concen: 20.00 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW004130.D
Acq: 23 Jul 2018 12:10

Instrument :
MSVOA_W
ClientSampleId :
VW0723SBS01

Tot Ion	Ratio	Resp	Lower	Upper
106	100	105388		
91	215.6	107.5	322.6	

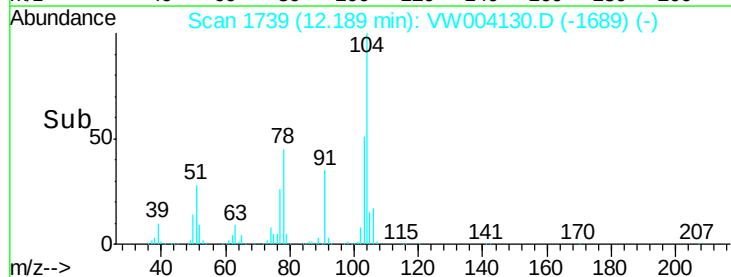
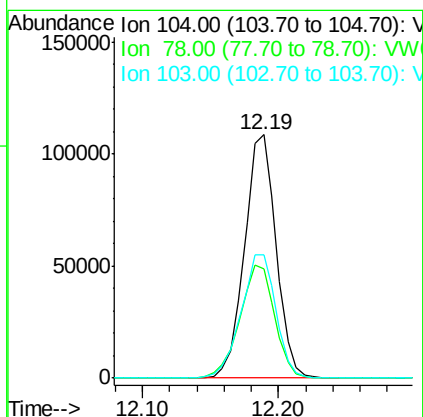
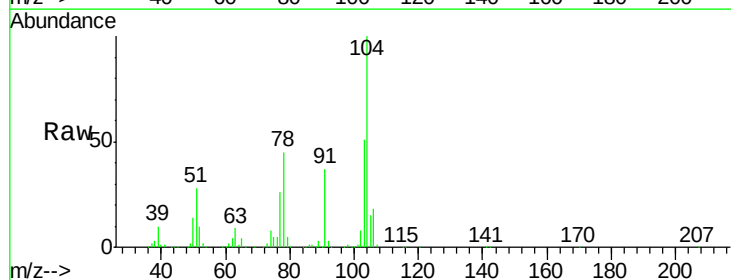
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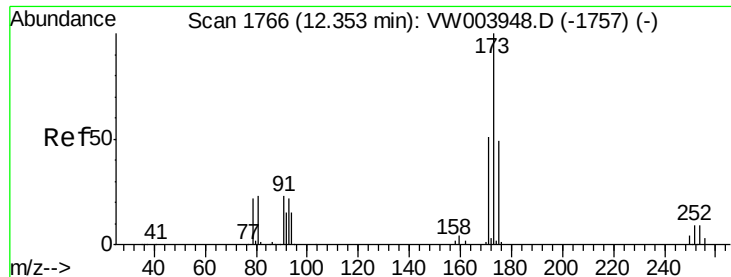
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#70
Styrene
Concen: 20.07 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.01 min
Lab File: VW004130.D
Acq: 23 Jul 2018 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	176618		
78	51.1	41.0	61.4	
103	56.0	44.6	67.0	





#71

Bromoform

Concen: 18.33 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW004130.D

Acq: 23 Jul 2018 12:10

Instrument :

MSVOA_W

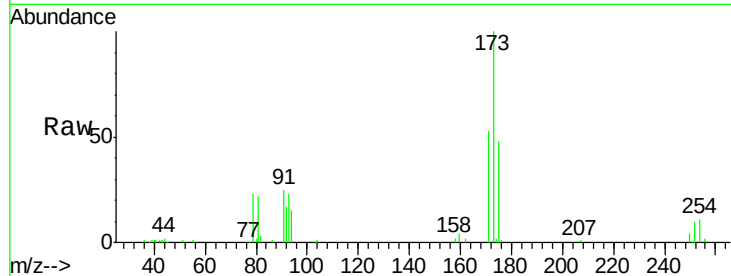
ClientSampleId :

VW0723SBS01

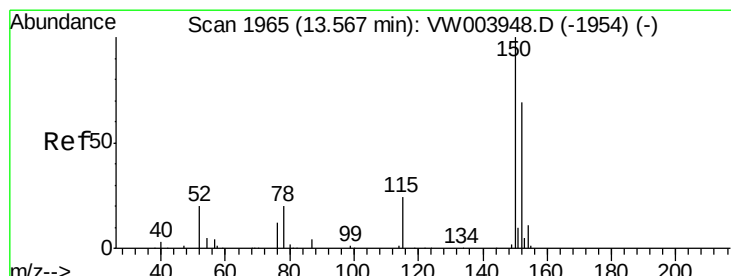
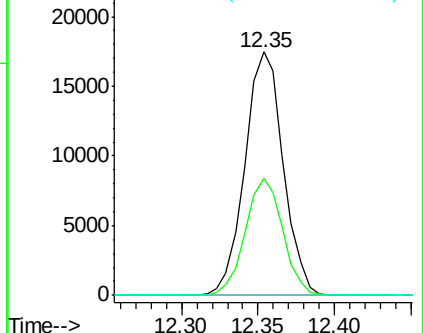
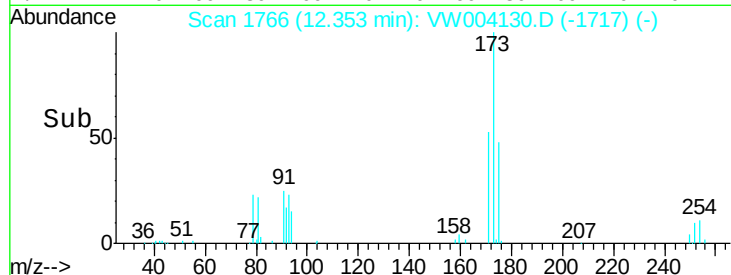
Tot Ion	Ratio	Lower	Upper
173	100		
175	46.8	24.4	73.2
254	0.0	0.1	0.1#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

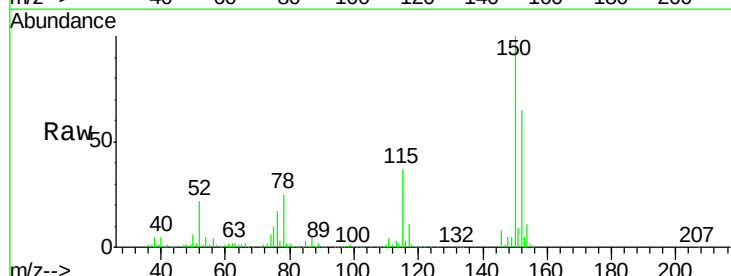
RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

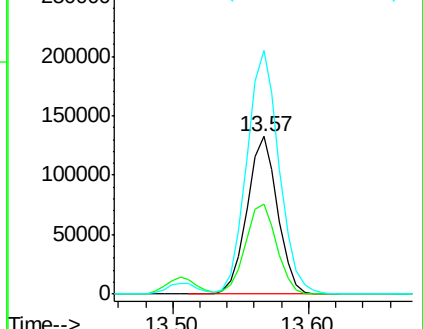
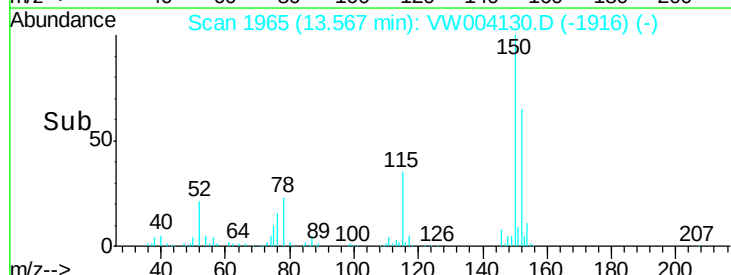
Lab File: VW004130.D

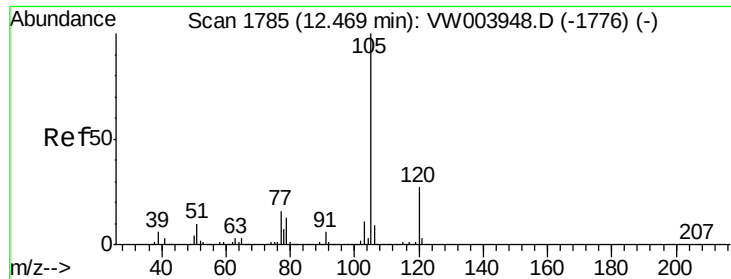
Acq: 23 Jul 2018 12:10

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.7	29.2	87.6
150	164.0	0.0	345.2



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





#73

Isopropylbenzene

Concen: 20.12 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW004130.D

Acq: 23 Jul 2018 12:10

Instrument :

MSVOA_W

ClientSampleId :

VW0723SBS01

Tot Ion:105 Resp: 295444

Ion Ratio Lower Upper

105 100

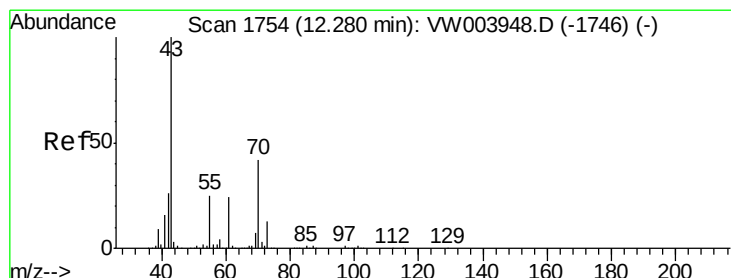
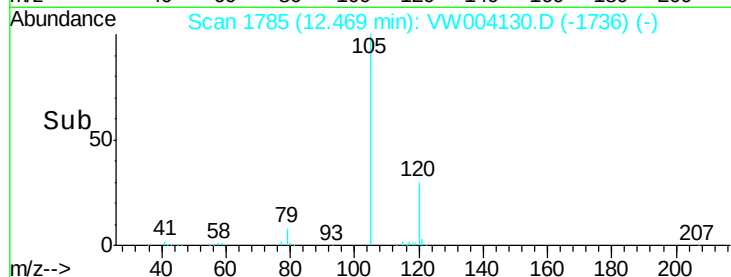
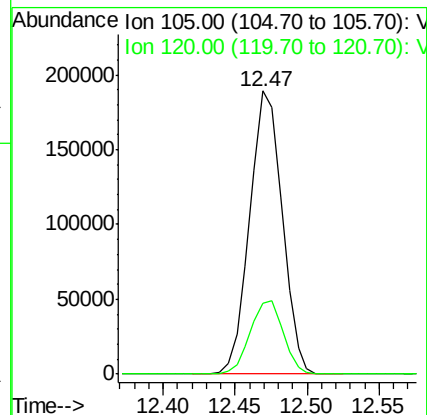
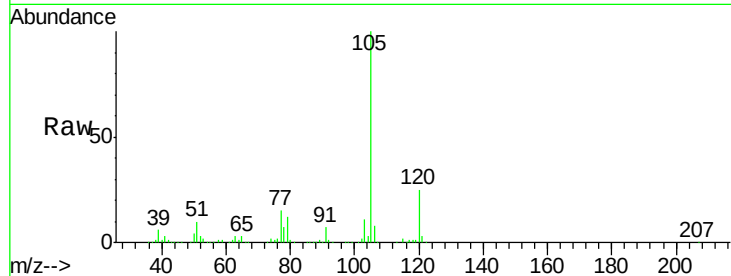
120 26.3 13.2 39.6

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#74

N-ethyl acetate

Concen: 16.94 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW004130.D

Acq: 23 Jul 2018 12:10

Tgt Ion: 43 Resp: 64825

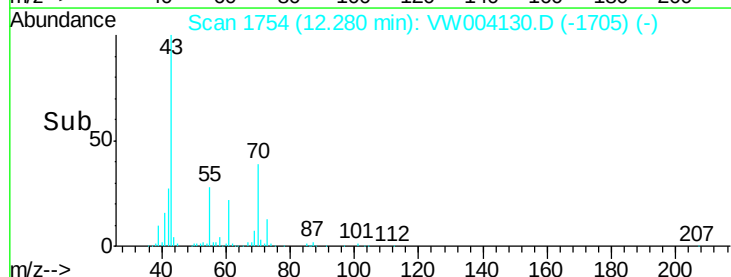
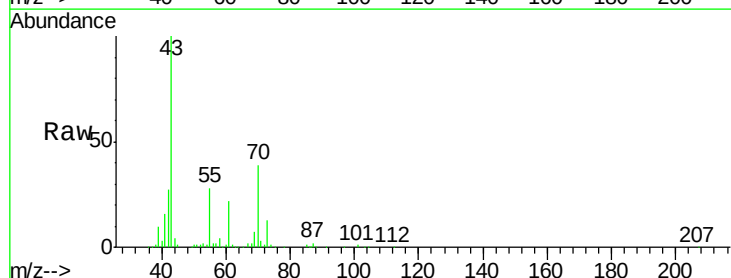
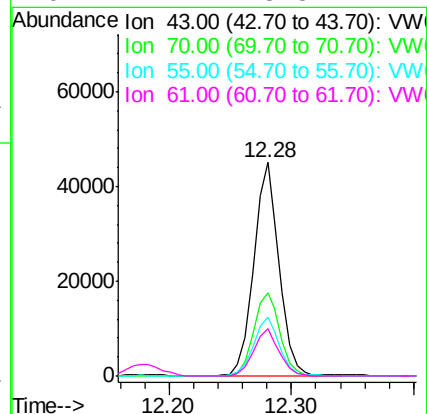
Ion Ratio Lower Upper

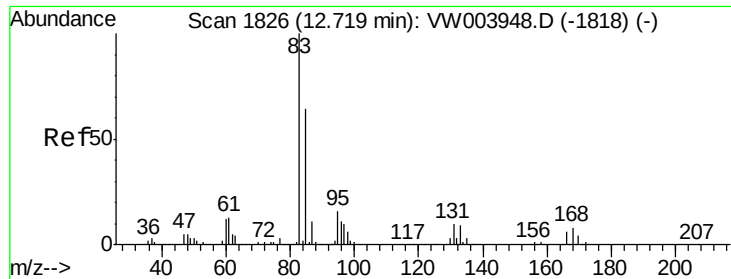
43 100

70 40.6 31.6 47.4

55 28.3 20.0 30.0

61 22.2 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 18.78 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW004130.D

Acq: 23 Jul 2018 12:10

Instrument :

MSVOA_W

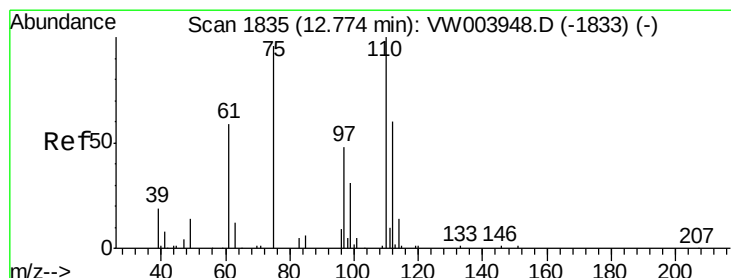
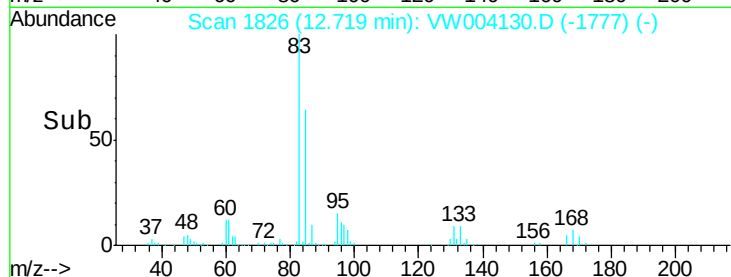
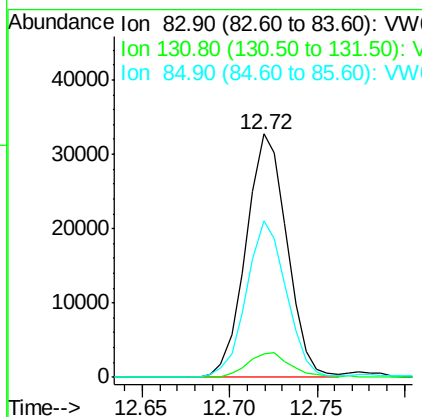
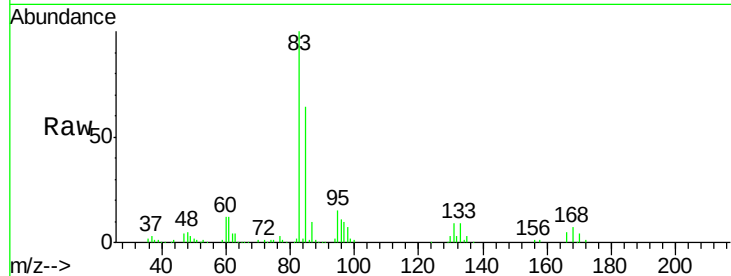
ClientSampleId :

VW0723SBS01

Tot Ion:	83	Resp:	53333
Ion	Ratio	Lower	Upper
83	100		
131	10.6	5.3	15.8
85	62.8	32.2	96.6

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#76

1,2,3-Trichloropropane

Concen: 21.16 ug/l m

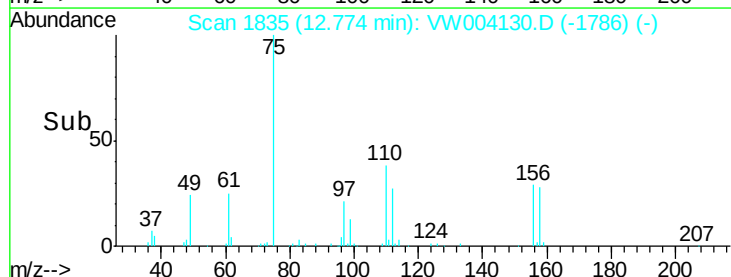
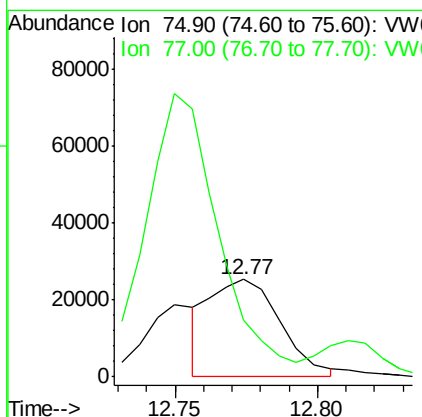
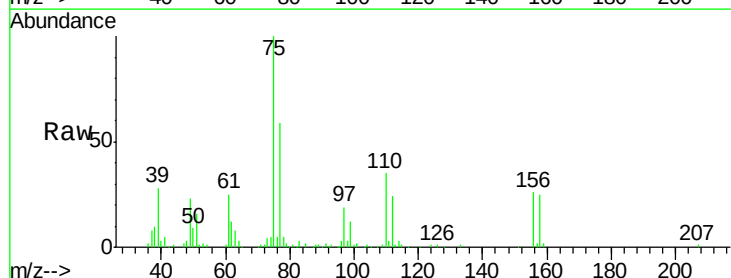
RT: 12.77 min Scan# 1835

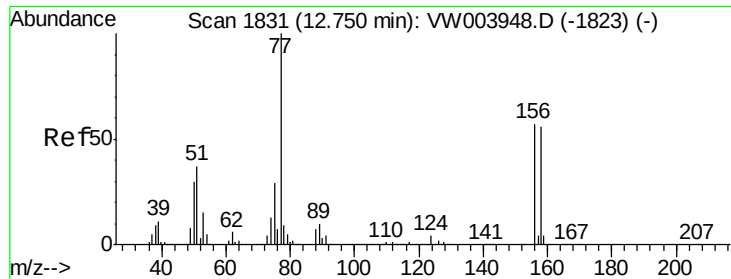
Delta R.T. 0.00 min

Lab File: VW004130.D

Acq: 23 Jul 2018 12:10

Tgt Ion:	75	Resp:	43654
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





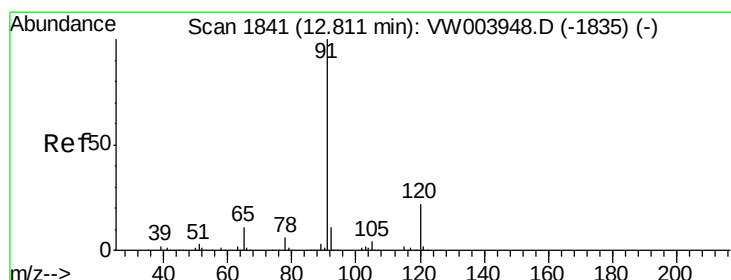
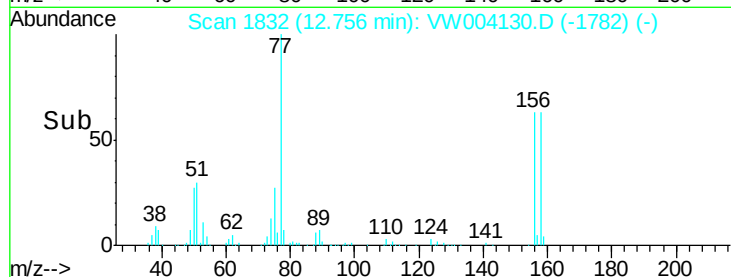
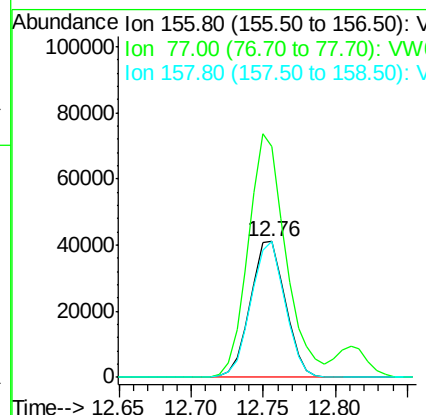
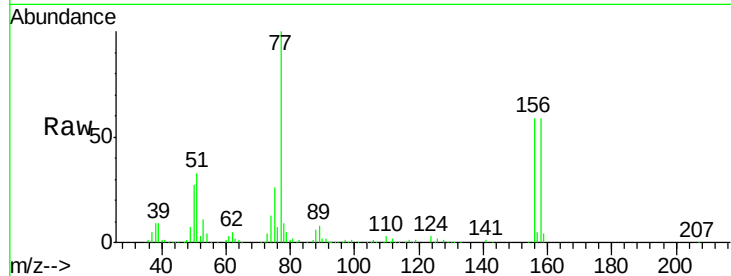
#77
Bromobenzene
Concen: 19.65 ug/l
RT: 12.76 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VW004130.D
Acq: 23 Jul 2018 12:10

Instrument :
MSVOA_W
ClientSampleId :
VW0723SBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	191.8	96.2	288.6
158	96.7	48.5	145.5

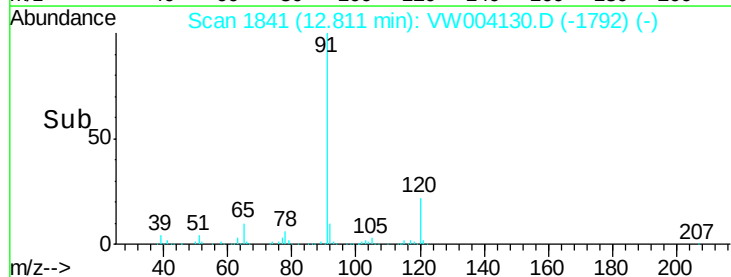
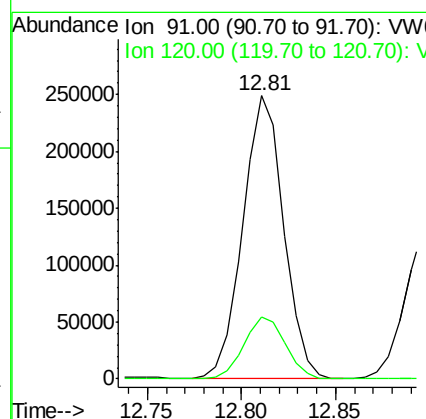
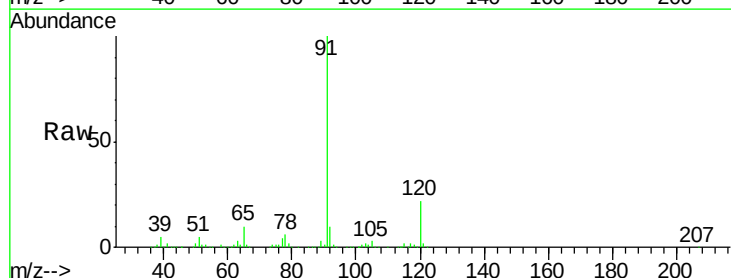
Manual Integrations
APPROVED

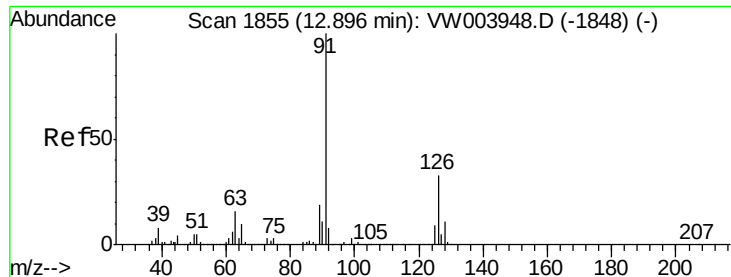
apatel
7/24/2018 11:49:38 AM



#78
n-propylbenzene
Concen: 20.63 ug/l
RT: 12.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VW004130.D
Acq: 23 Jul 2018 12:10

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.4	11.2	33.6





#79

2-Chlorotoluene

Concen: 20.64 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW004130.D

Acq: 23 Jul 2018 12:10

Instrument :

MSVOA_W

ClientSampled :

VW0723SBS01

Tot Ion: 91 Resp: 209744

Ion Ratio Lower Upper

91 100

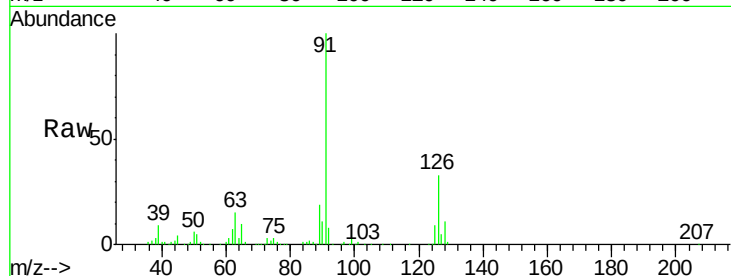
126 33.3 17.0 51.0

Manual Integrations

APPROVED

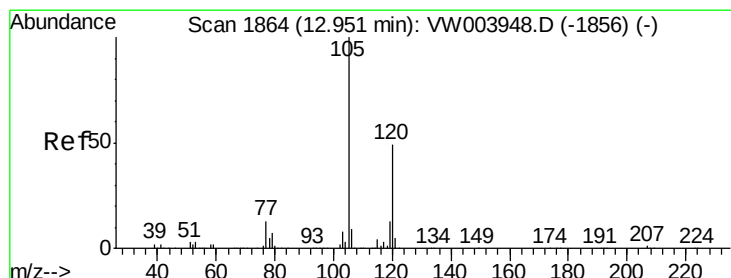
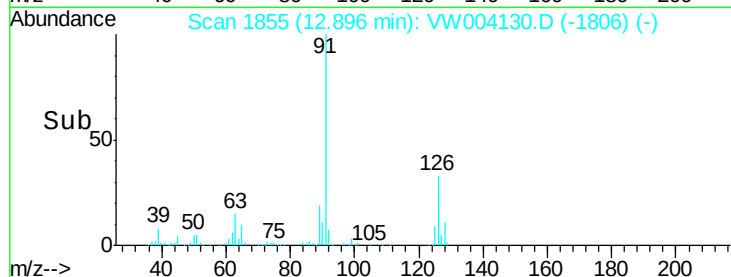
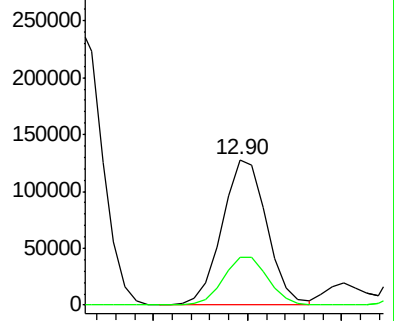
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.49 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW004130.D

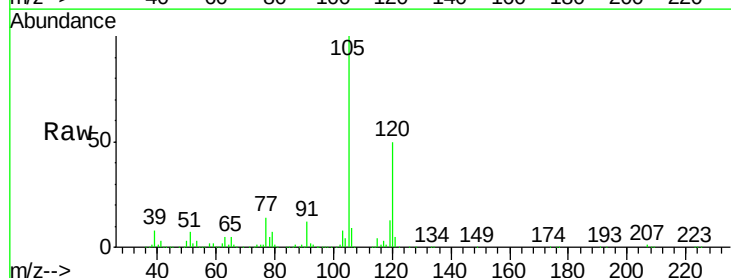
Acq: 23 Jul 2018 12:10

Tgt Ion:105 Resp: 253170

Ion Ratio Lower Upper

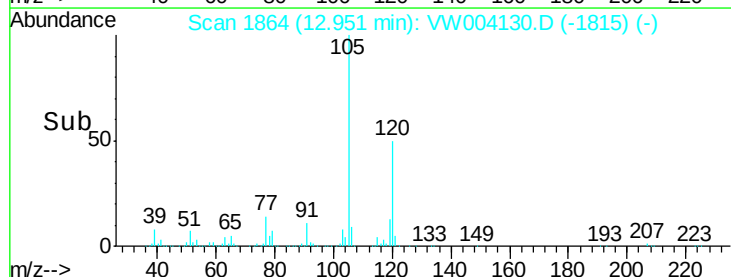
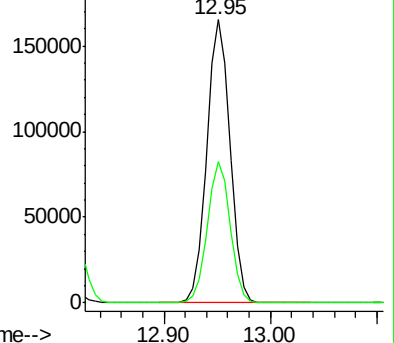
105 100

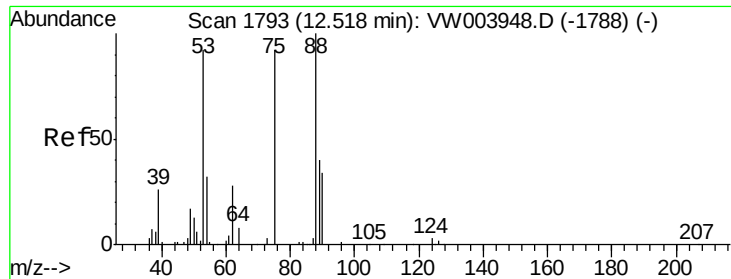
120 49.1 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





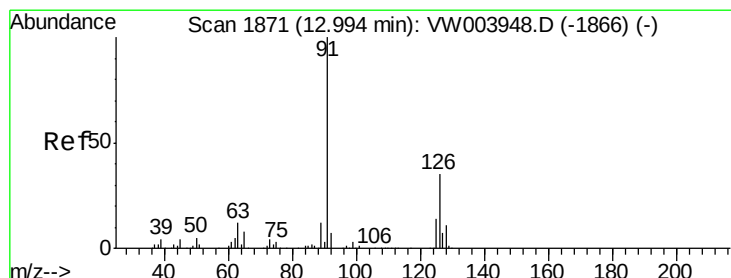
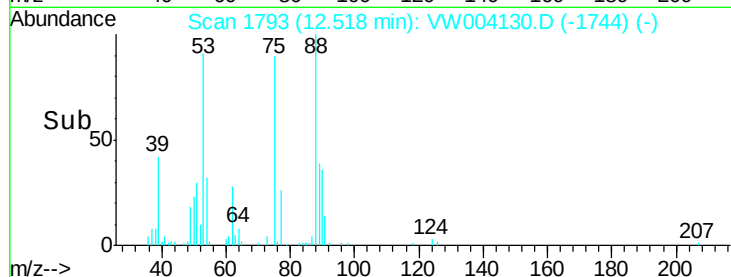
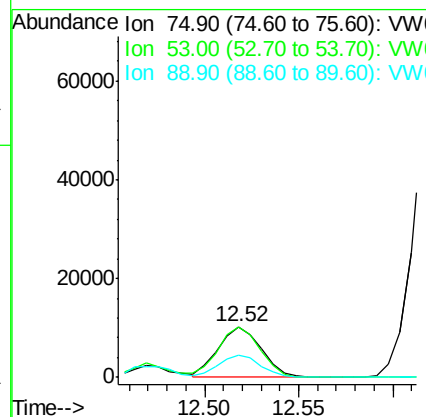
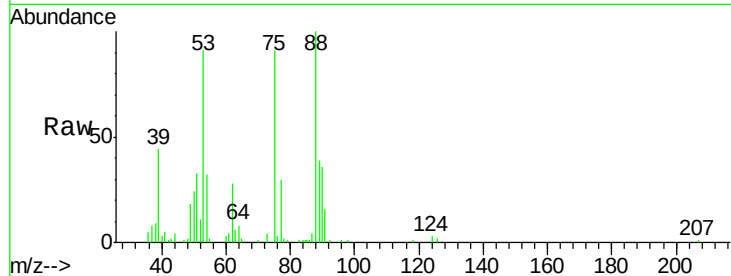
#81
trans-1,4-Dichloro-2-butene
Concen: 17.37 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VW004130.D
Acq: 23 Jul 2018 12:10

Instrument :
MSVOA_W
ClientSampleId :
VW0723SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	99.2	77.6	116.4
89	42.4	36.6	54.8

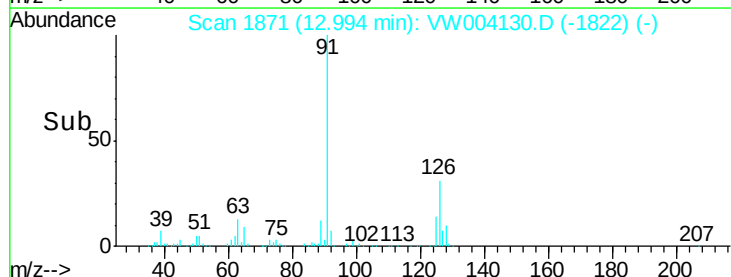
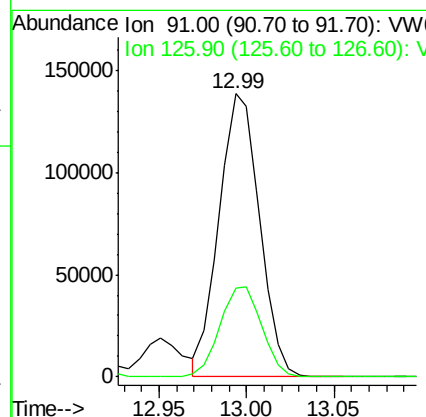
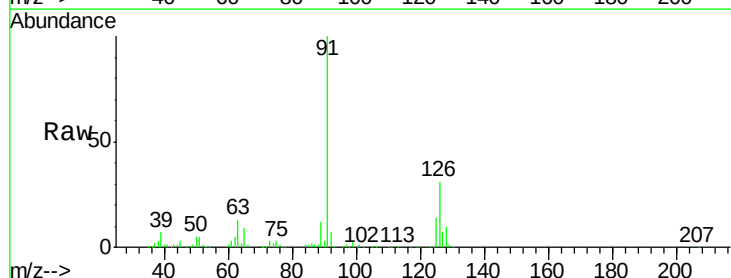
Manual Integrations
APPROVED

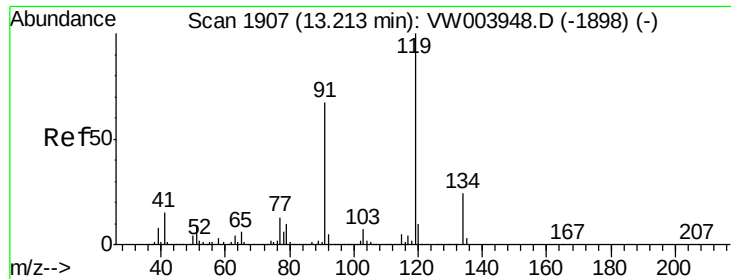
apatel
7/24/2018 11:49:38 AM



#82
4-Chlorotoluene
Concen: 20.43 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. 0.00 min
Lab File: VW004130.D
Acq: 23 Jul 2018 12:10

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.8	16.7	50.0





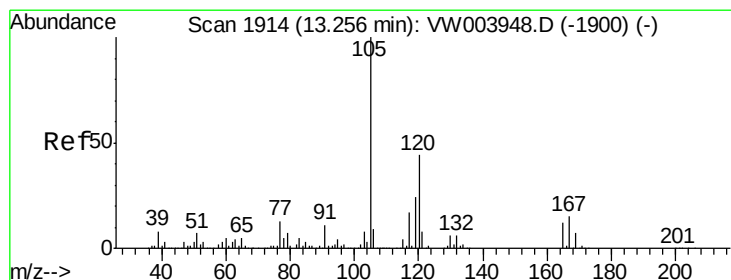
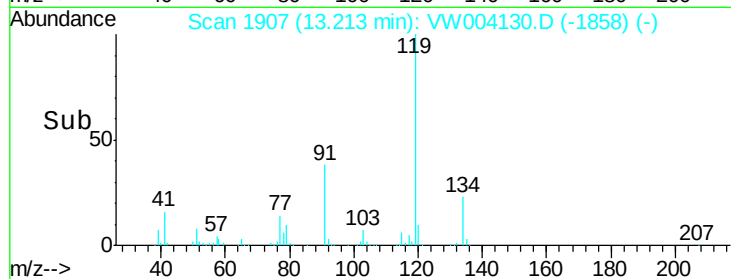
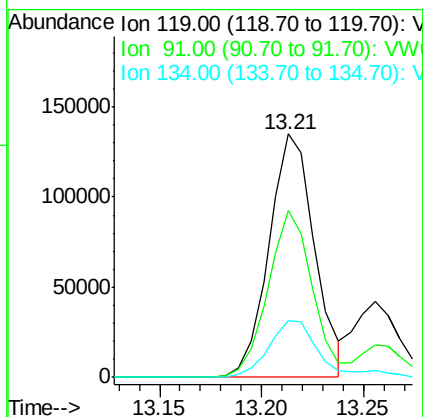
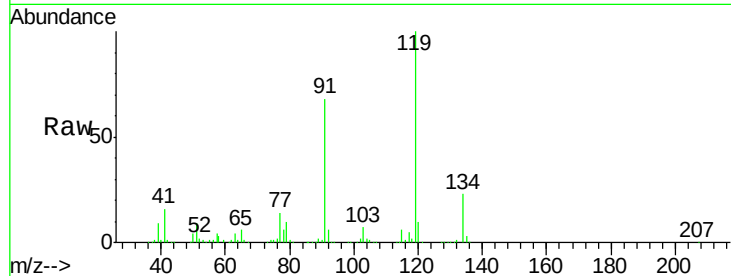
#83
tert-Butylbenzene
Concen: 20.24 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. 0.00 min
Lab File: VW004130.D
Acq: 23 Jul 2018 12:10

Instrument :
MSVOA_W
ClientSampleId :
VW0723SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	209974		
91	67.4		33.2	99.6
134	26.3		13.0	38.9

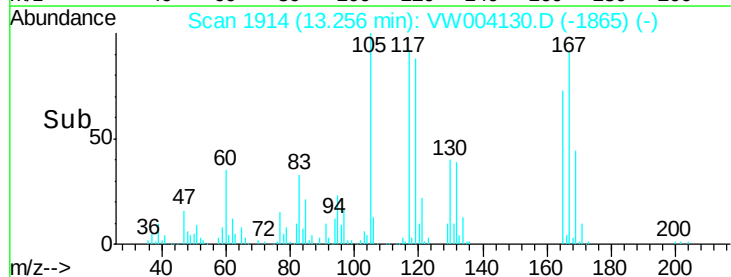
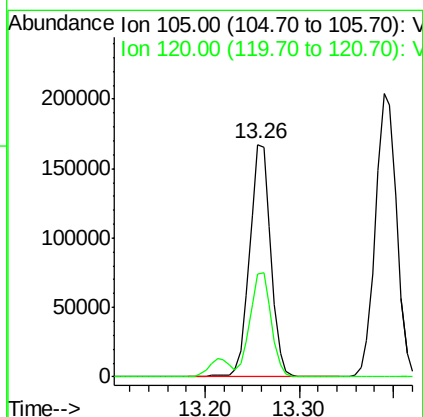
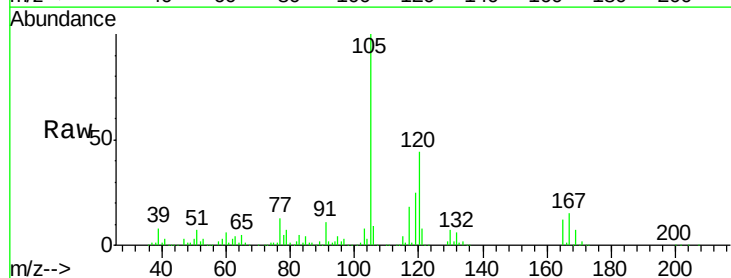
Manual Integrations
APPROVED

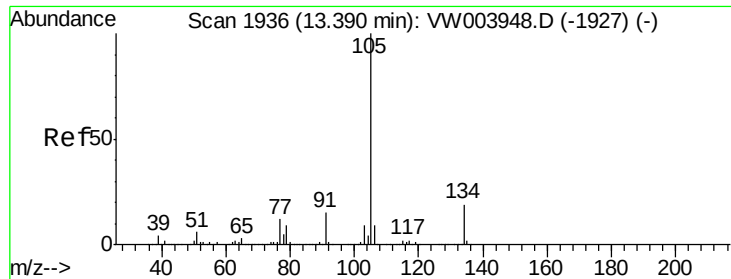
apatel
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#84
1,2,4-Trimethylbenzene
Concen: 20.68 ug/l
RT: 13.26 min Scan# 1914
Delta R.T. 0.00 min
Lab File: VW004130.D
Acq: 23 Jul 2018 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	262990		
120	45.0		22.1	66.1





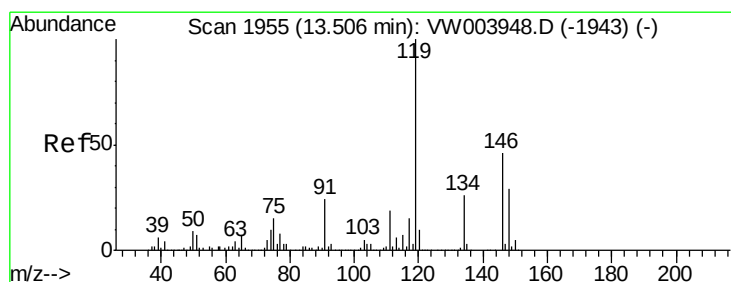
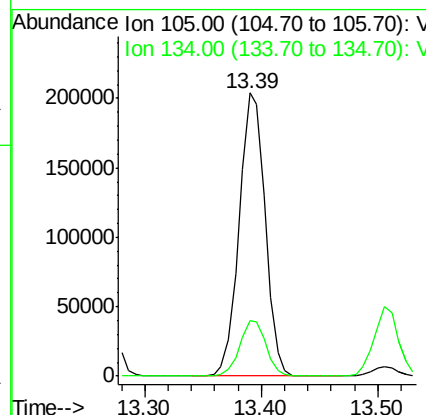
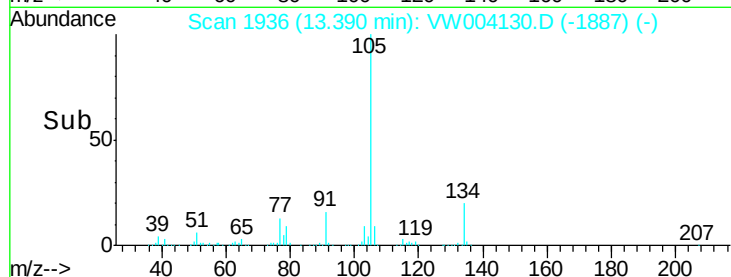
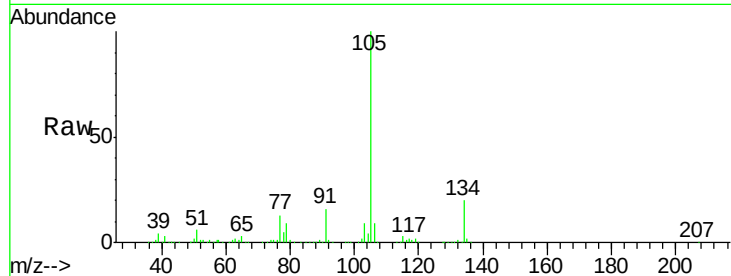
#85
 sec-Butylbenzene
 Concen: 20.55 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VW004130.D
 Acq: 23 Jul 2018 12:10

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0723SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.8	9.8	29.4

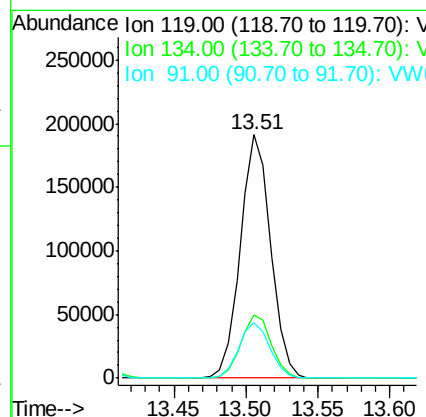
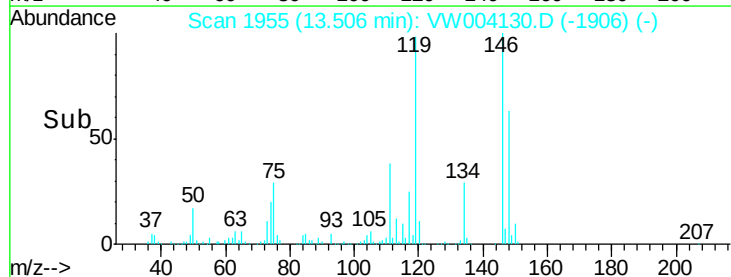
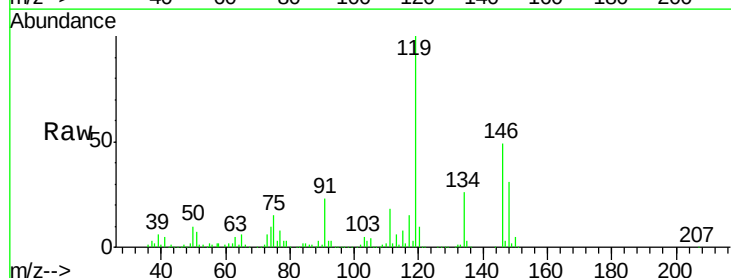
Manual Integrations
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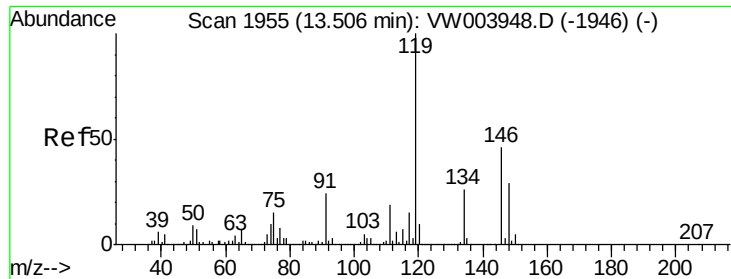
apatel
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#86
 p-Isopropyltoluene
 Concen: 20.66 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW004130.D
 Acq: 23 Jul 2018 12:10

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.2	13.0	38.9
91	23.1	11.8	35.3





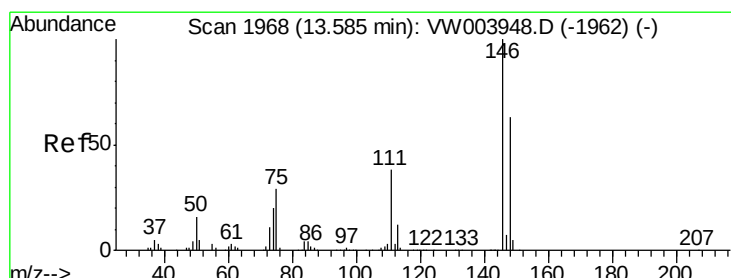
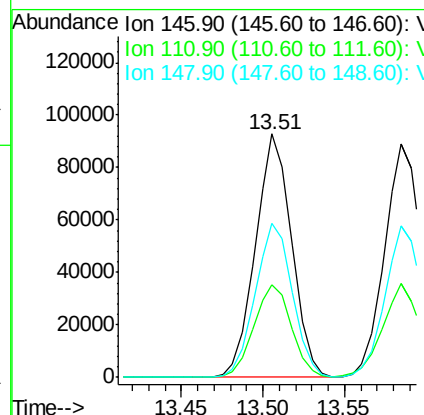
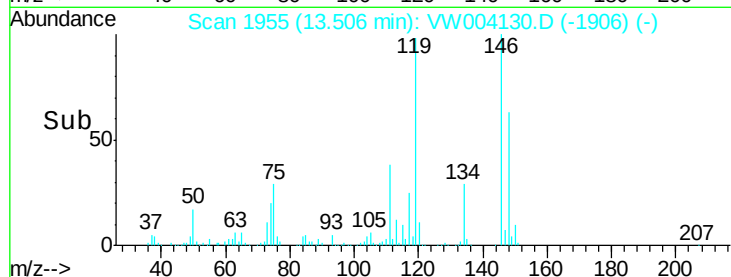
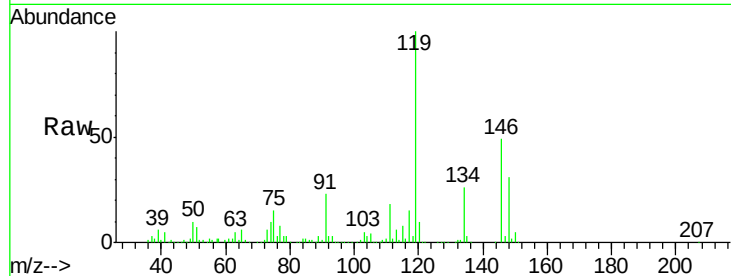
#87
1,3-Dichlorobenzene
Concen: 20.40 ug/l
RT: 13.51 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW004130.D
Acq: 23 Jul 2018 12:10

Instrument :
MSVOA_W
ClientSampleId :
VW0723SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	143144		
111	39.4	19.9	59.6	
148	64.8	31.9	95.5	

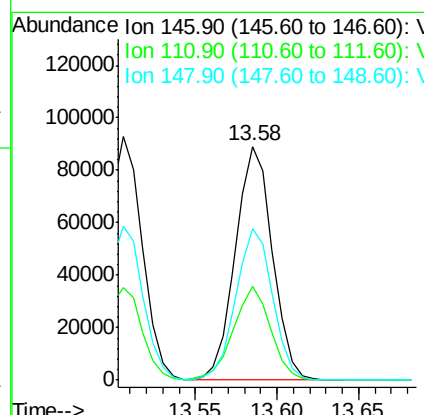
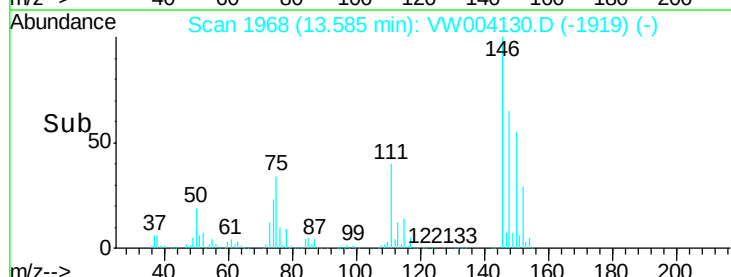
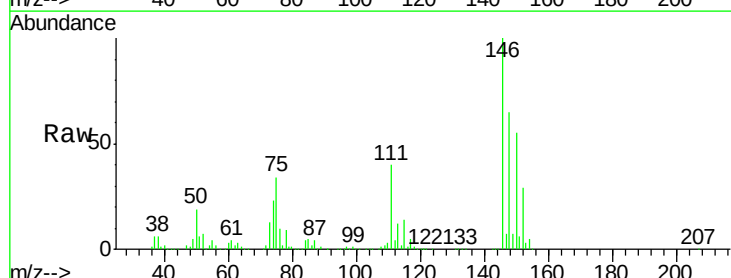
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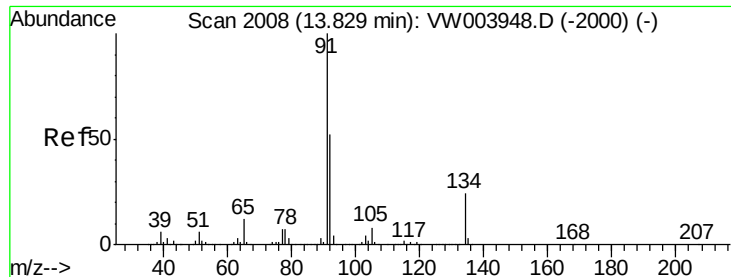
apatel
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#88
1,4-Dichlorobenzene
Concen: 19.99 ug/l
RT: 13.58 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VW004130.D
Acq: 23 Jul 2018 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	140687		
111	40.4	19.6	58.7	
148	64.6	32.3	96.8	





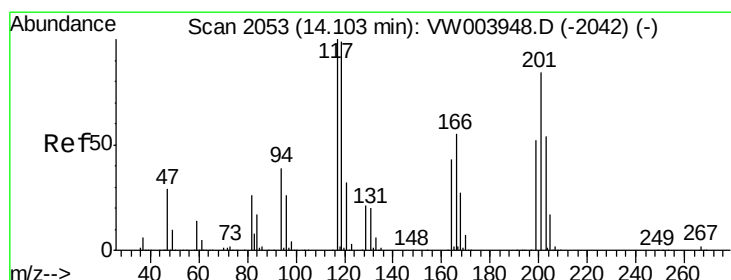
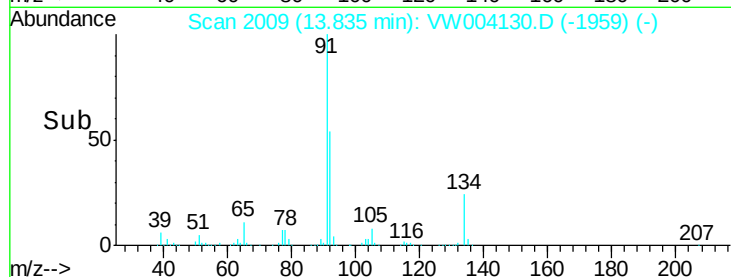
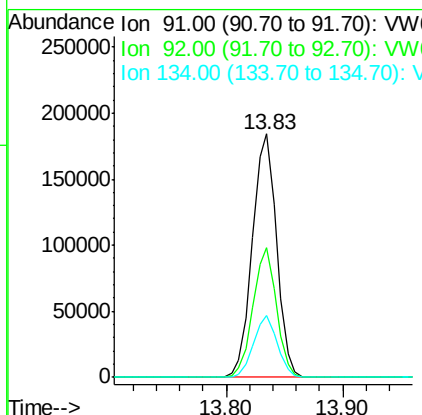
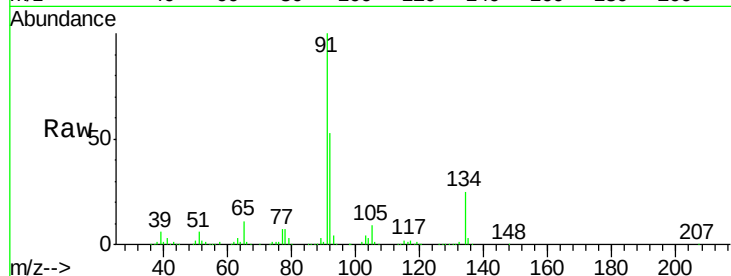
#89
n-Butylbenzene
Concen: 20.15 ug/l
RT: 13.83 min Scan# 2009
Delta R.T. 0.01 min
Lab File: VW004130.D
Acq: 23 Jul 2018 12:10

Instrument :
MSVOA_W
ClientSampleId :
VW0723SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.8	26.1	78.3
134	24.9	12.4	37.4

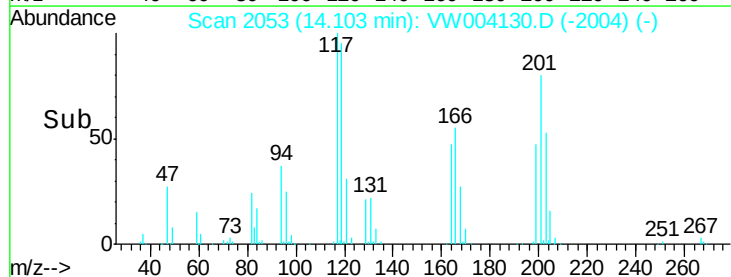
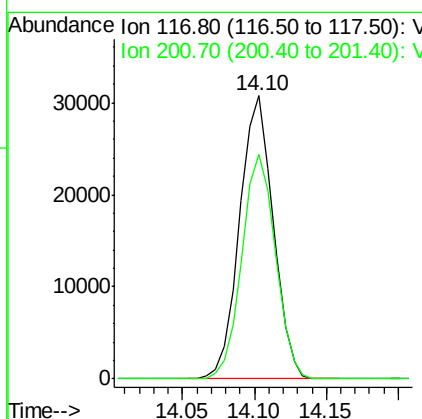
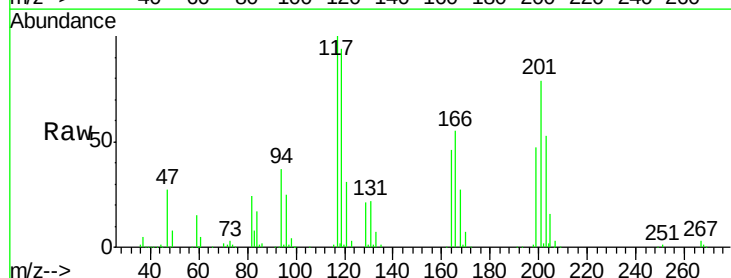
Manual Integrations
APPROVED

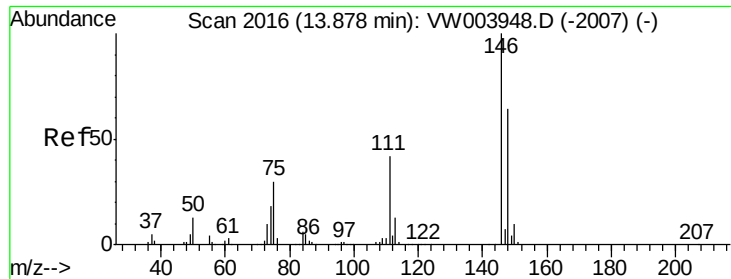
apatel
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#90
Hexachloroethane
Concen: 20.02 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.00 min
Lab File: VW004130.D
Acq: 23 Jul 2018 12:10

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.0	40.3	120.9





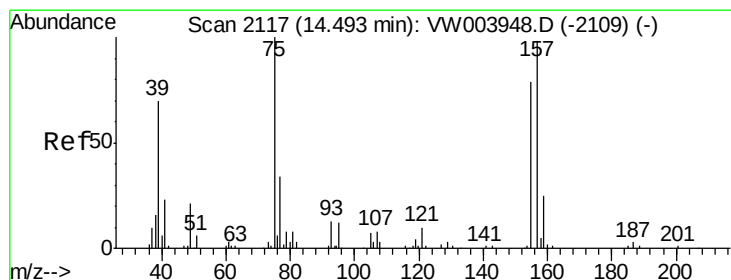
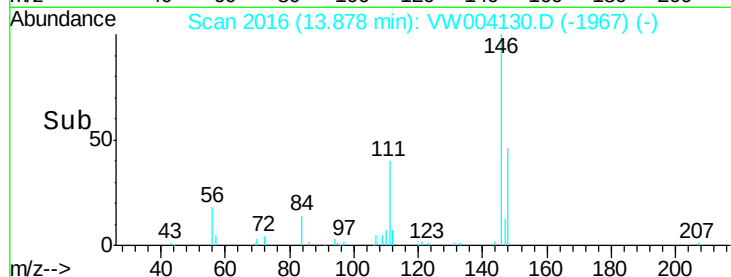
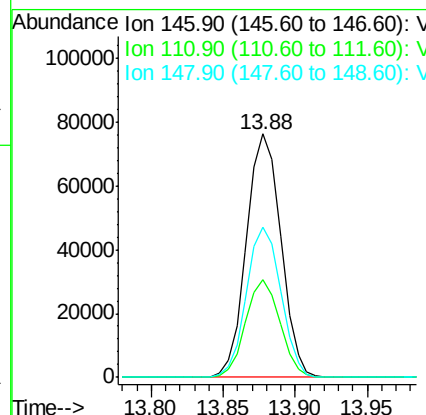
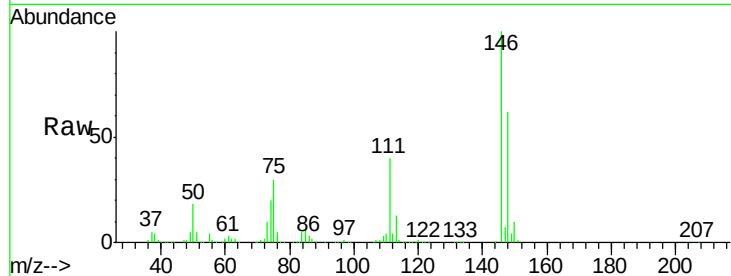
#91
 1,2-Dichlorobenzene
 Concen: 20.22 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW004130.D
 Acq: 23 Jul 2018 12:10

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0723SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.7	62.1
148	61.9	32.0	96.2

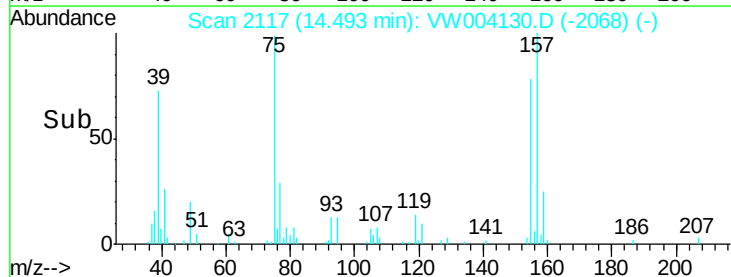
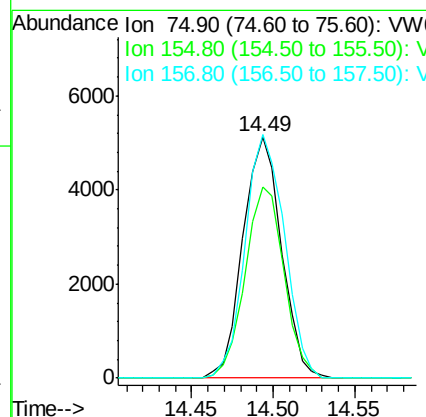
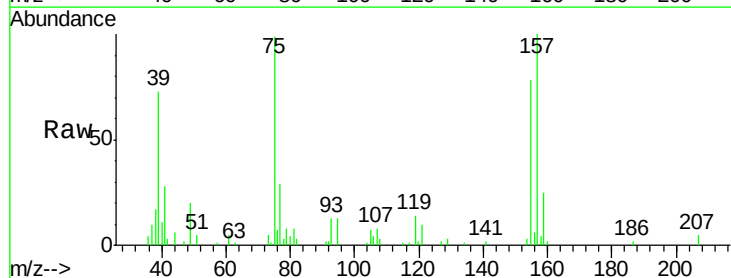
Manual Integrations
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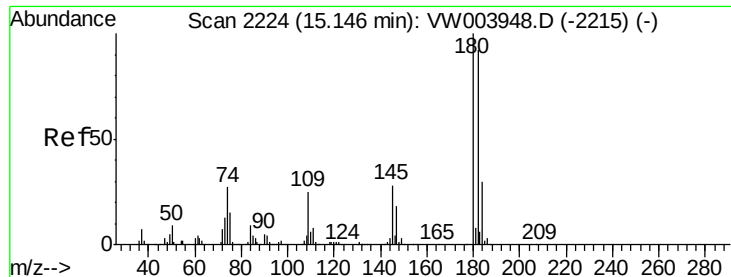
apatel
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.72 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW004130.D
 Acq: 23 Jul 2018 12:10

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.2	39.4	118.1
157	103.1	51.8	155.4





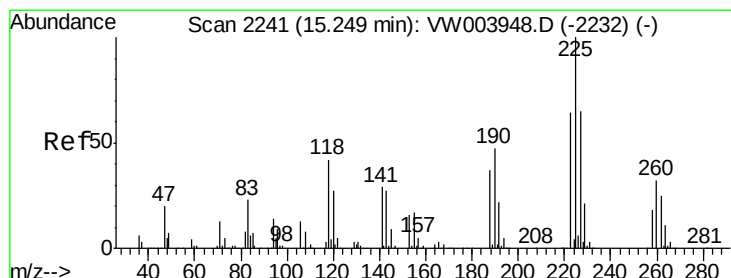
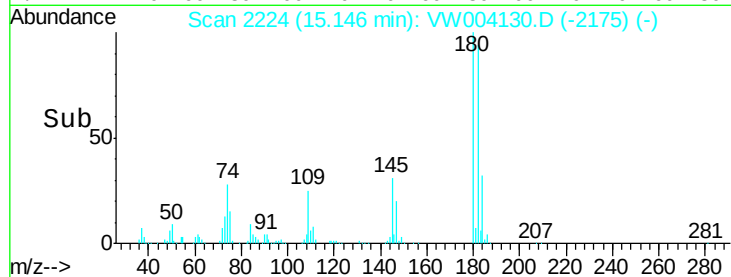
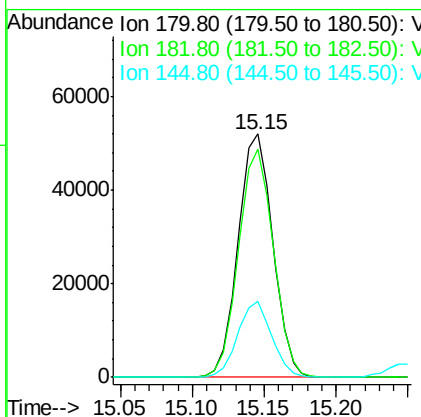
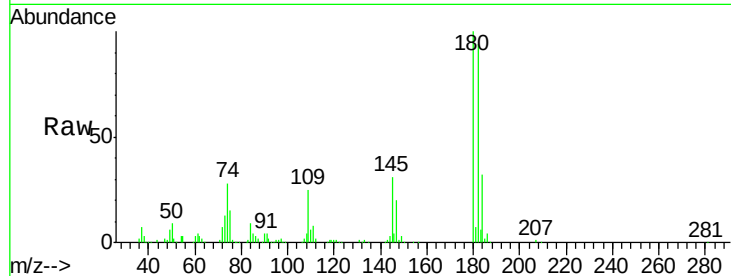
#93
 1,2,4-Trichlorobenzene
 Concen: 19.81 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW004130.D
 Acq: 23 Jul 2018 12:10

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0723SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	86980		
182	94.0	46.9	140.8	
145	30.3	15.0	45.0	

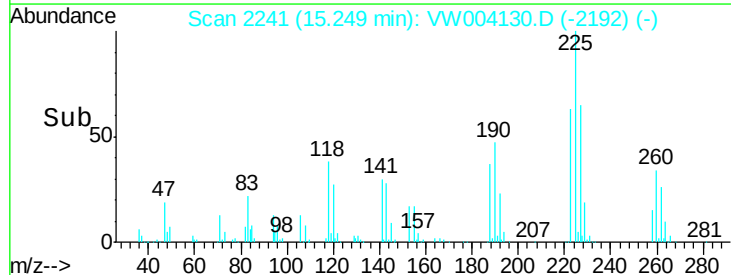
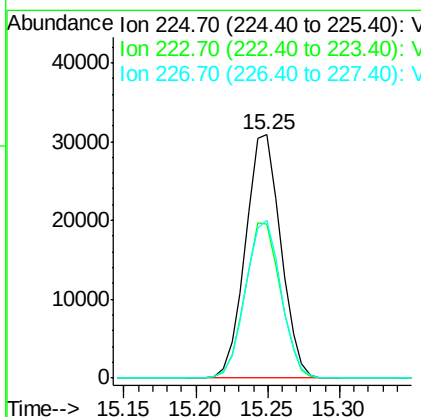
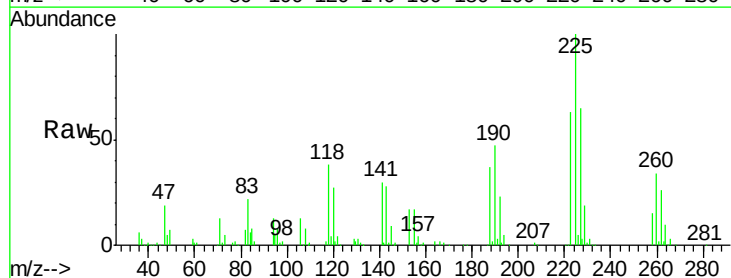
Manual Integrations
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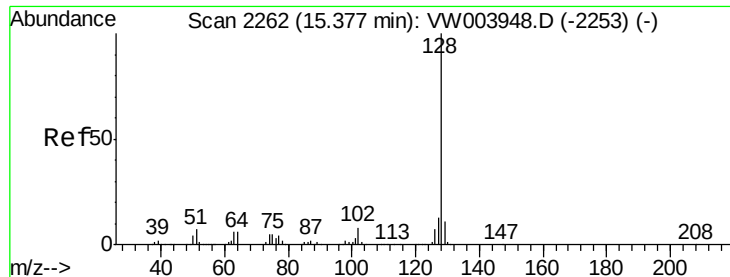
apatel
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#94
 Hexachlorobutadiene
 Concen: 20.72 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: VW004130.D
 Acq: 23 Jul 2018 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	52243		
223	64.3	32.0	96.2	
227	65.1	32.3	96.9	





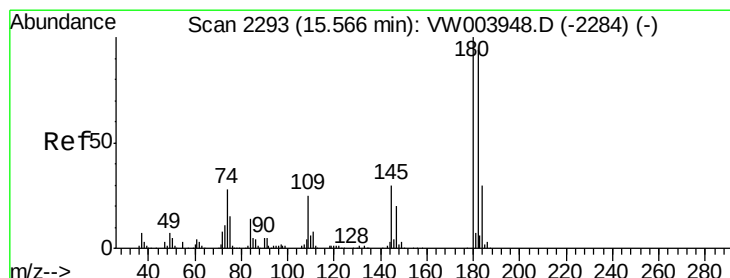
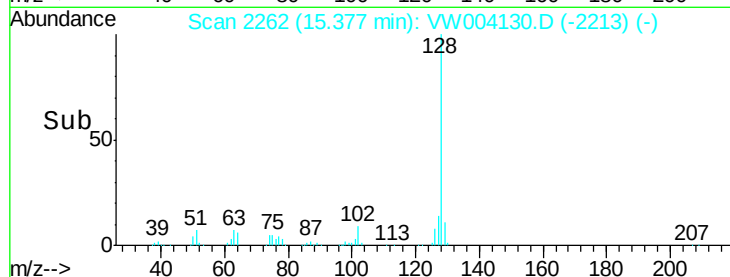
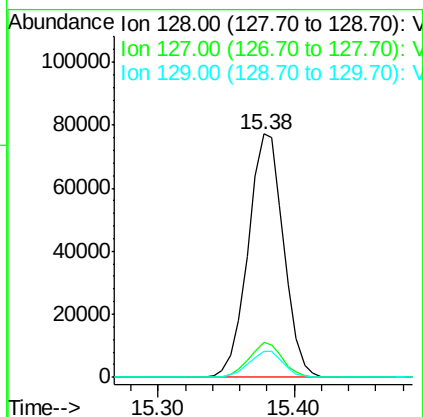
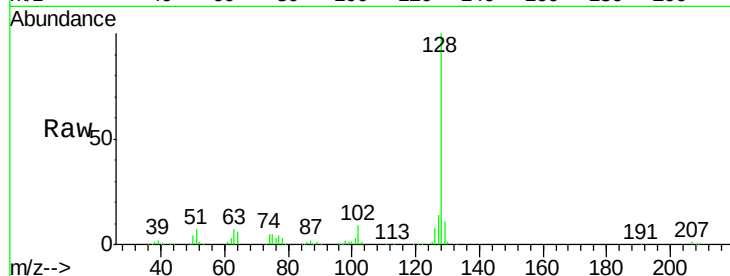
#95
Naphthalene
Concen: 17.36 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW004130.D
Acq: 23 Jul 2018 12:10

Instrument :
MSVOA_W
ClientSampleId :
VW0723SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.7	16.1
129	10.6	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 19.26 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VW004130.D
Acq: 23 Jul 2018 12:10

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.5	142.6
145	31.8	15.8	47.4

