

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081318\
 Data File : VW004589.D
 Acq On : 10 Aug 2018 11:48
 Operator : SY/AP
 Sample : VW0813SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0813SBS01

Manual Integrations
 APPROVED

apatel
 8/13/2018 5:34:09 PM

Quant Time: Aug 13 16:48:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 08:22:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	691925	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1040341	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	976095	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	519053	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	350456	45.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.52%	
35) Dibromofluoromethane	7.88	113	350882	50.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.16%	
50) Toluene-d8	10.33	98	1398917	52.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.80%	
62) 4-Bromofluorobenzene	12.62	95	491532	51.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	110772	23.33	ug/l	98
3) Chloromethane	2.21	50	145168	21.94	ug/l	100
4) Vinyl Chloride	2.37	62	209716	22.69	ug/l	98
5) Bromomethane	2.78	94	119982	22.30	ug/l	97
6) Chloroethane	2.93	64	122891	22.26	ug/l	97
7) Trichlorofluoromethane	3.26	101	93464	27.38	ug/l	100
8) Diethyl Ether	3.68	74	79170	18.34	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	162262	21.52	ug/l	99
10) Methyl Iodide	4.26	142	235604	20.83	ug/l	99
11) Tert butyl alcohol	5.22	59	35802	79.83	ug/l	98
12) 1,1-Dichloroethene	4.03	96	154582	20.37	ug/l	98
13) Acrolein	3.90	56	50049	91.08	ug/l	96
14) Allyl chloride	4.66	41	235388	20.65	ug/l	99
15) Acrylonitrile	5.37	53	157297	81.98	ug/l	98
16) Acetone	4.14	43	188784	98.69	ug/l	100
17) Carbon Disulfide	4.37	76	528943	21.69	ug/l	97
18) Methyl Acetate	4.68	43	70426	14.77	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	179697	17.36	ug/l	94
20) Methylene Chloride	4.91	84	205388	15.95	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	160894	19.68	ug/l	99
22) Diisopropyl ether	6.31	45	468452	20.00	ug/l	97
23) Vinyl Acetate	6.26	43	1189030	84.45	ug/l	99
24) 1,1-Dichloroethane	6.21	63	297026	19.81	ug/l	98
25) 2-Butanone	7.18	43	241544	78.50	ug/l	99
26) 2,2-Dichloropropane	7.17	77	177462	22.55	ug/l	96
27) cis-1,2-Dichloroethene	7.17	96	172325	19.59	ug/l	99
28) Bromochloromethane	7.51	49	121532	18.63	ug/l	99
29) Tetrahydrofuran	7.54	42	116436	73.20	ug/l	100
30) Chloroform	7.68	83	290385	19.72	ug/l	99
31) Cyclohexane	7.96	56	290637	20.26	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	236370	21.36	ug/l	99
36) 1,1-Dichloropropene	8.09	75	231419	20.66	ug/l	99
37) Ethyl Acetate	7.26	43	82265	15.68	ug/l	99
38) Carbon Tetrachloride	8.07	117	217759	21.60	ug/l	99

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Quant Time: Aug 13 16:48:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 08:22:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	284827	20.74	ug/l	97
40) Benzene	8.33	78	675474	20.53	ug/l	100
41) Methacrylonitrile	7.49	41	52225	17.82	ug/l	93
42) 1,2-Dichloroethane	8.40	62	170091	18.69	ug/l	100
43) Isopropyl Acetate	8.43	43	145773	15.94	ug/l	97
44) Trichloroethene	9.10	130	163825	20.27	ug/l	99
45) 1,2-Dichloropropane	9.37	63	163724	19.87	ug/l	100
46) Dibromomethane	9.46	93	77557	18.49	ug/l	98
47) Bromodichloromethane	9.65	83	188068	19.00	ug/l	98
48) Methyl methacrylate	9.44	41	69539	16.27	ug/l	98
49) 1,4-Dioxane	9.48	88	21965	343.32	ug/l #	97
51) 4-Methyl-2-Pentanone	10.21	43	506305	79.54	ug/l	100
52) Toluene	10.39	92	407924	21.03	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	183478	18.46	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	224900	19.42	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	109856	18.28	ug/l	100
56) Ethyl methacrylate	10.65	69	118493	16.47	ug/l	99
57) 1,3-Dichloropropane	10.93	76	189450	18.29	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	297174	83.92	ug/l	99
59) 2-Hexanone	10.98	43	347800	80.59	ug/l	98
60) Dibromochloromethane	11.13	129	119260	18.24	ug/l	99
61) 1,2-Dibromoethane	11.24	107	102317	18.12	ug/l	97
64) Tetrachloroethene	10.87	164	136954	20.11	ug/l	97
65) Chlorobenzene	11.66	112	437715	20.35	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	144105	19.68	ug/l	99
67) Ethyl Benzene	11.74	91	754072	20.68	ug/l	98
68) m/p-Xylenes	11.85	106	602935	42.78	ug/l	98
69) o-Xylene	12.17	106	270468	20.69	ug/l	100
70) Styrene	12.19	104	454527	20.58	ug/l	100
71) Bromoform	12.35	173	69194	17.19	ug/l	99
73) Isopropylbenzene	12.47	105	751507	20.93	ug/l	100
74) N-amyl acetate	12.28	43	139459	16.02	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	131575	17.56	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	102446m	19.07	ug/l	
77) Bromobenzene	12.76	156	173717	20.00	ug/l	98
78) n-propylbenzene	12.81	91	954437	21.54	ug/l	100
79) 2-Chlorotoluene	12.90	91	541838	21.13	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	661657	21.60	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	36834	16.42	ug/l	99
82) 4-Chlorotoluene	12.99	91	577575	21.23	ug/l	100
83) tert-Butylbenzene	13.21	119	541987	21.10	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	679586	21.43	ug/l	100
85) sec-Butylbenzene	13.39	105	837271	21.60	ug/l	100
86) p-Isopropyltoluene	13.51	119	727738	21.67	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	369101	20.62	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	360033	20.21	ug/l	98
89) n-Butylbenzene	13.83	91	699926	21.21	ug/l	99
90) Hexachloroethane	14.10	117	128710	20.72	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	323463	19.92	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	19513	15.93	ug/l	97

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Quant Title : SW846 8260
QLast Update : Tue Aug 07 08:22:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	221276	19.68	ug/l	99
94) Hexachlorobutadiene	15.25	225	142277	21.73	ug/l	99
95) Naphthalene	15.38	128	352446	17.22	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	195136	19.32	ug/l	99

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

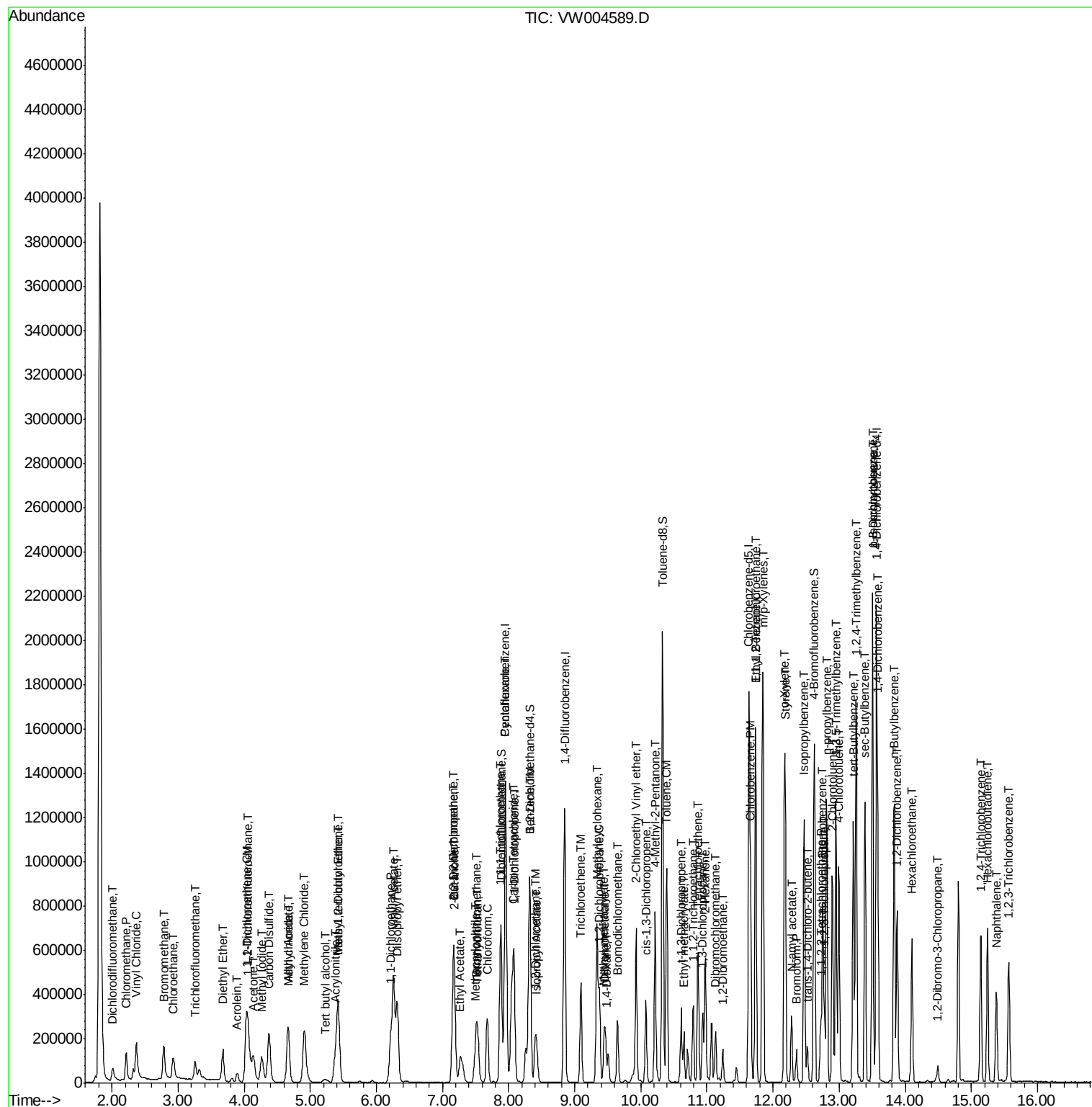
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Data File : VW004589.D
Acq On : 10 Aug 2018 11:48
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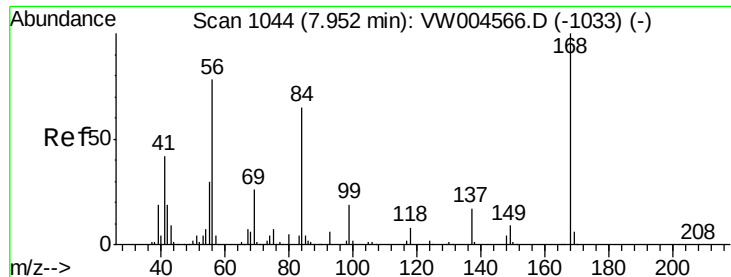
Instrument :
MSVOA_W
ClientSampleId :
VW0813SBS01

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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: VW004589.D

Acq: 10 Aug 2018 11:48

Instrument :

MSVOA_W

ClientSampleId :

VW0813SBS01

Tot Ion:168 Resp: 691925

Ion Ratio Lower Upper

168 100

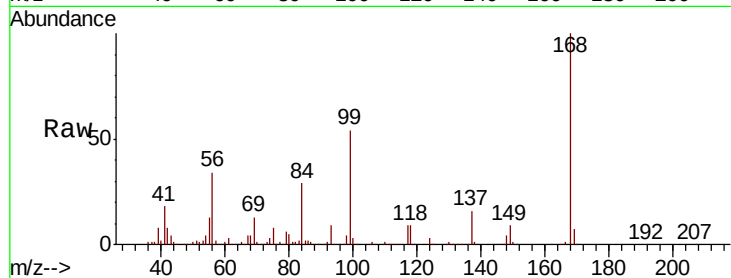
99 54.4 44.1 66.1

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

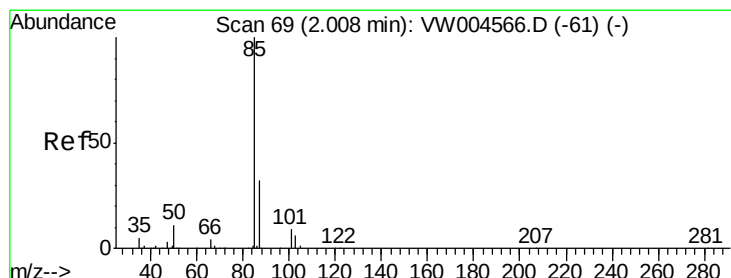
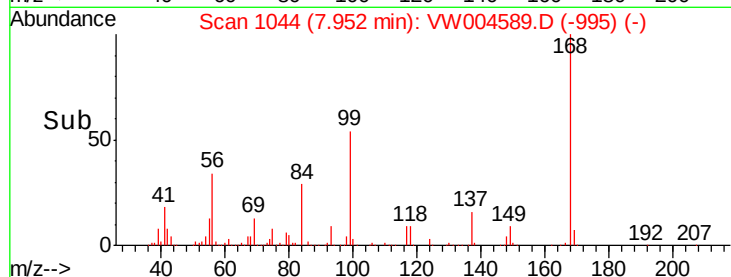
300000

200000

100000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 23.33 ug/l

RT: 2.01 min Scan# 69

Delta R.T. 0.00 min

Lab File: VW004589.D

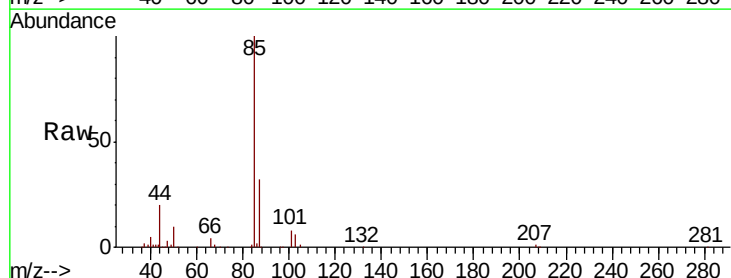
Acq: 10 Aug 2018 11:48

Tgt Ion: 85 Resp: 110772

Ion Ratio Lower Upper

85 100

87 32.1 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

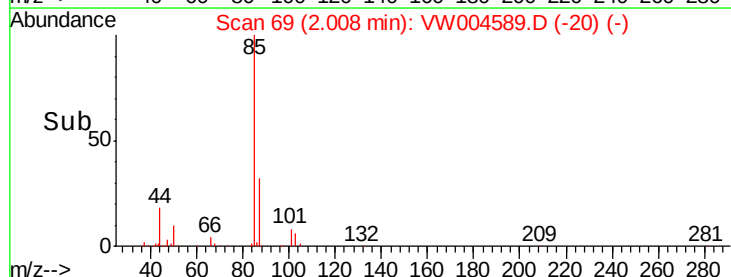
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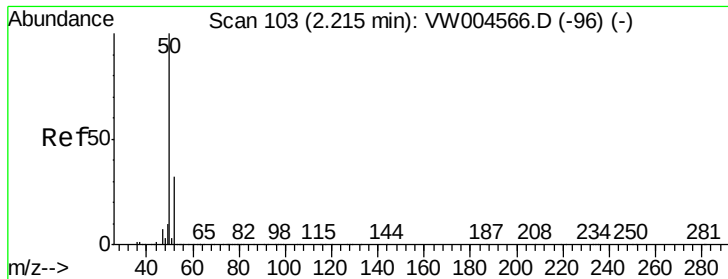
20000

10000

0

Time--> 1.90 2.00 2.10 2.20 2.30





#3

Chloromethane

Concen: 21.94 ug/l

RT: 2.21 min Scan# 103

Delta R.T. 0.00 min

Lab File: VW004589.D

Acq: 10 Aug 2018 11:48

Instrument :

MSVOA_W

ClientSampleId :

VW0813SBS01

Tot Ion: 50 Resp: 145168

Ion Ratio Lower Upper

50 100

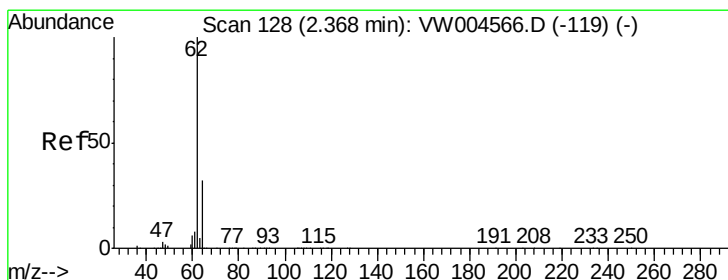
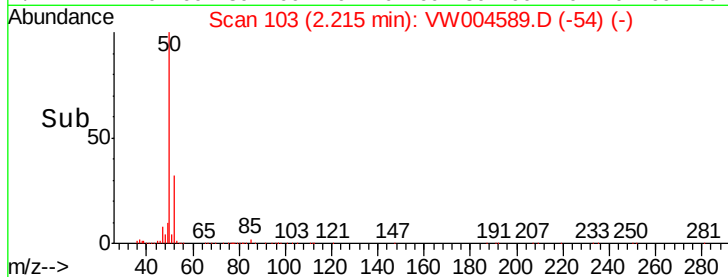
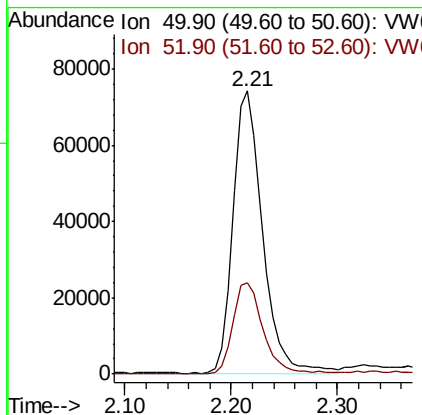
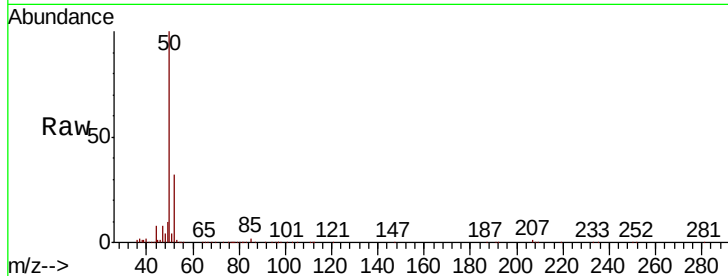
52 32.3 25.8 38.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 22.69 ug/l

RT: 2.37 min Scan# 128

Delta R.T. 0.00 min

Lab File: VW004589.D

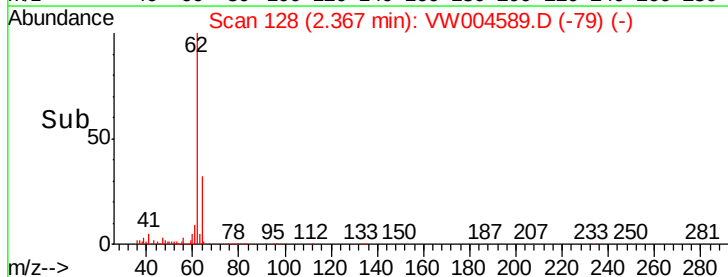
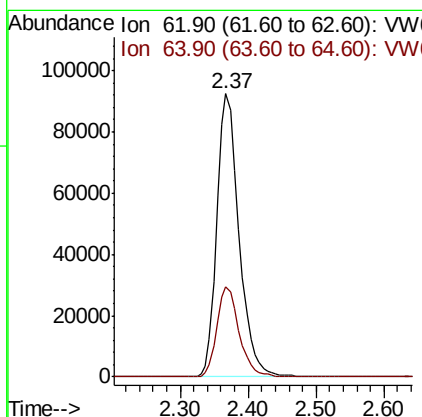
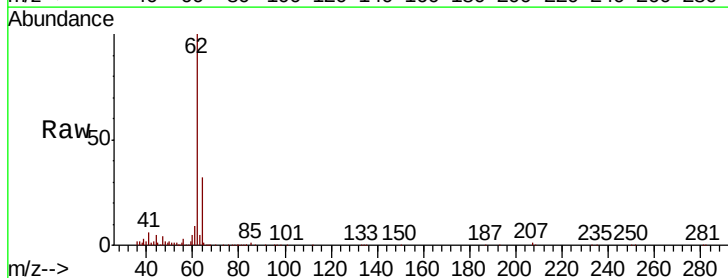
Acq: 10 Aug 2018 11:48

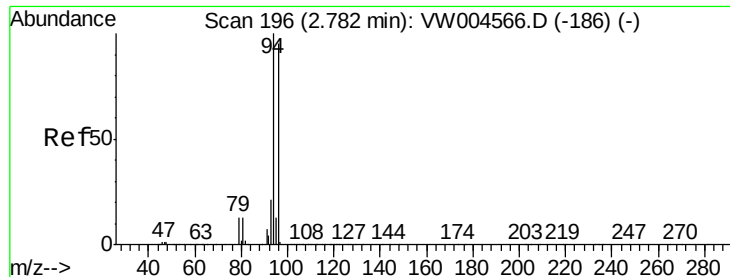
Tgt Ion: 62 Resp: 209716

Ion Ratio Lower Upper

62 100

64 31.8 26.2 39.2





#5

Bromomethane

Concen: 22.30 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.00 min

Lab File: VW004589.D

Acq: 10 Aug 2018 11:48

Instrument :

MSVOA_W

ClientSampleId :

VW0813SBS01

Tot Ion: 94 Resp: 119982

Ion Ratio Lower Upper

94 100

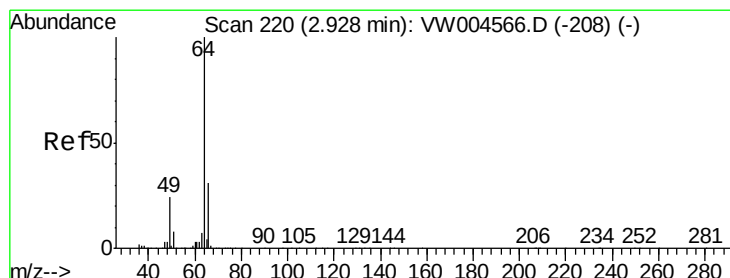
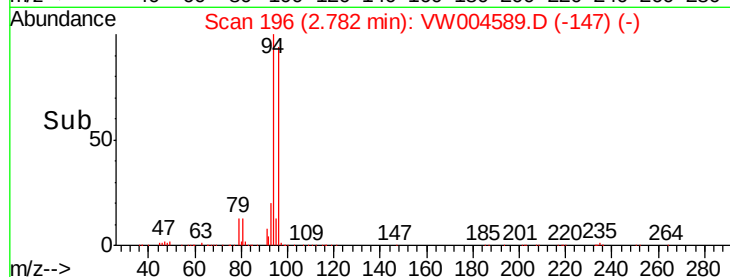
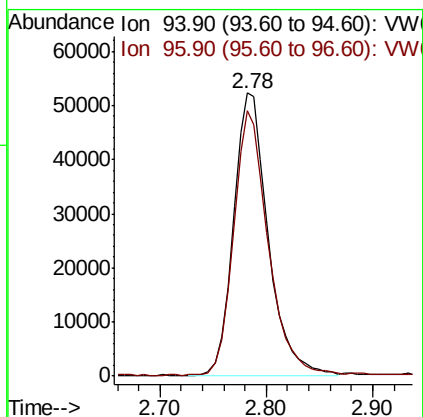
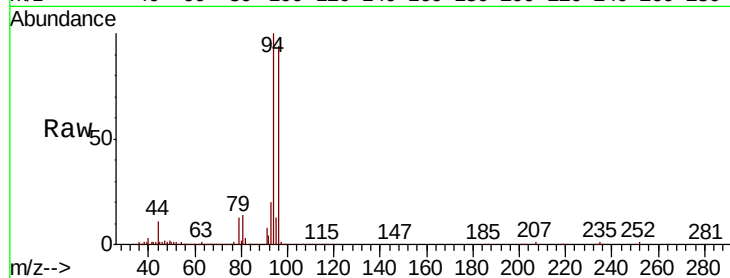
96 93.5 72.9 109.3

Manual Integrations

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#6

Chloroethane

Concen: 22.26 ug/l

RT: 2.93 min Scan# 220

Delta R.T. 0.01 min

Lab File: VW004589.D

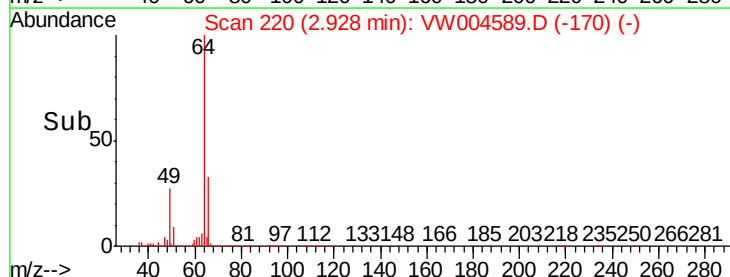
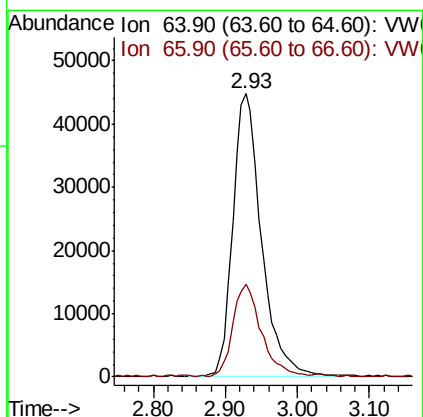
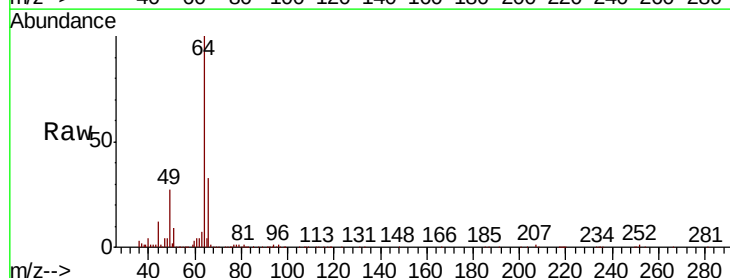
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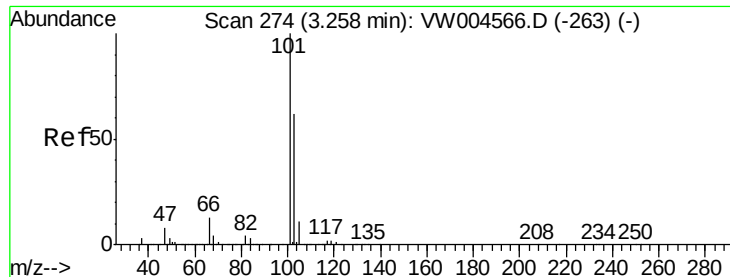
Tgt Ion: 64 Resp: 122891

Ion Ratio Lower Upper

64 100

66 32.5 24.6 36.8





#7

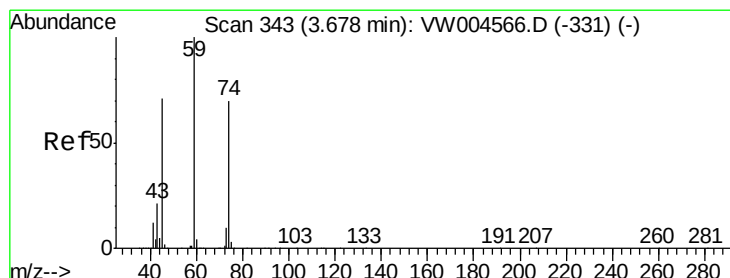
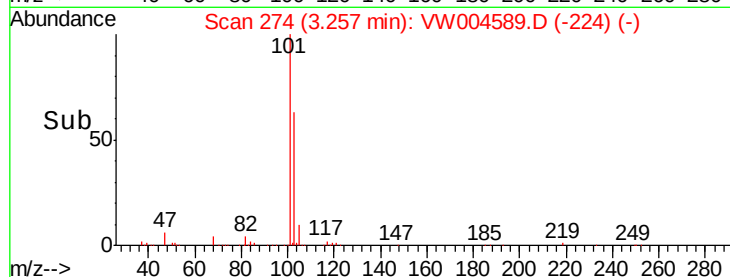
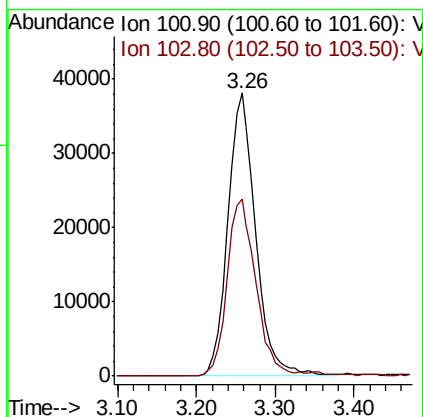
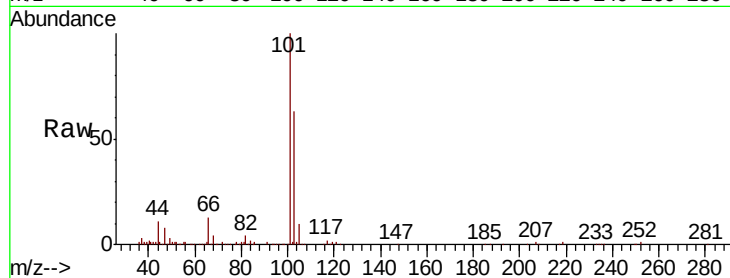
Trichlorofluoromethane
Concen: 27.38 ug/l
RT: 3.26 min Scan# 274
Delta R.T. 0.01 min
Lab File: VW004589.D
Acq: 10 Aug 2018 11:48

Instrument :
MSVOA_W
ClientSampleId :
VW0813SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.2	49.8	74.8

Manual Integrations
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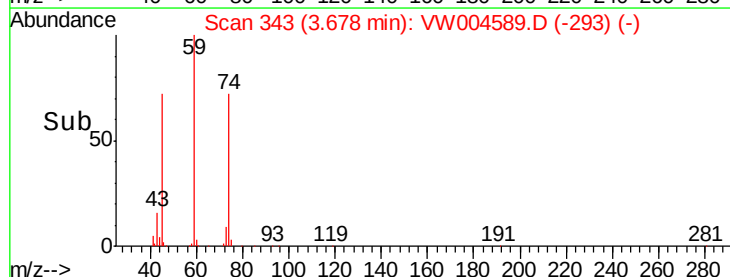
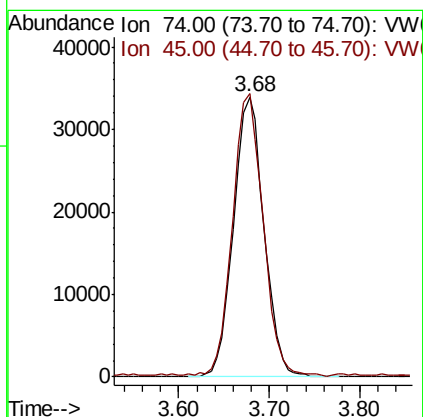
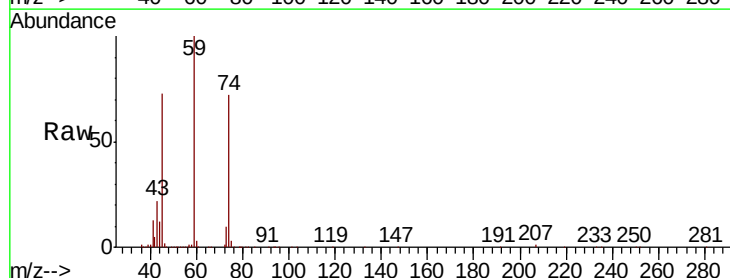
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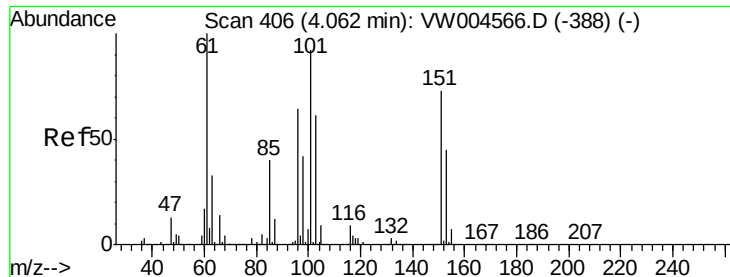


#8

Diethyl Ether
Concen: 18.34 ug/l
RT: 3.68 min Scan# 343
Delta R.T. 0.01 min
Lab File: VW004589.D
Acq: 10 Aug 2018 11:48

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.0	51.2	153.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.52 ug/l

RT: 4.06 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW004589.D

Acq: 10 Aug 2018 11:48

Instrument :

MSVOA_W

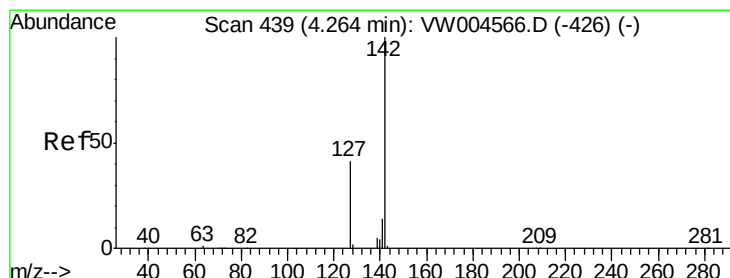
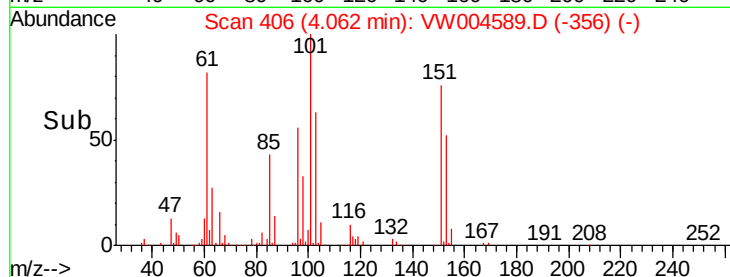
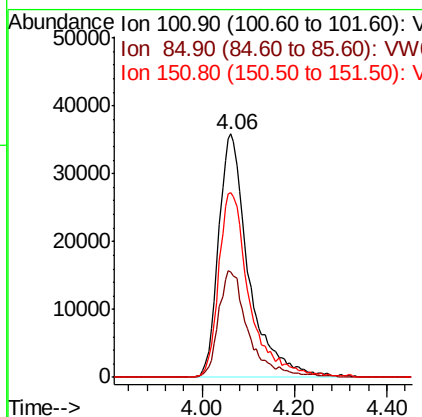
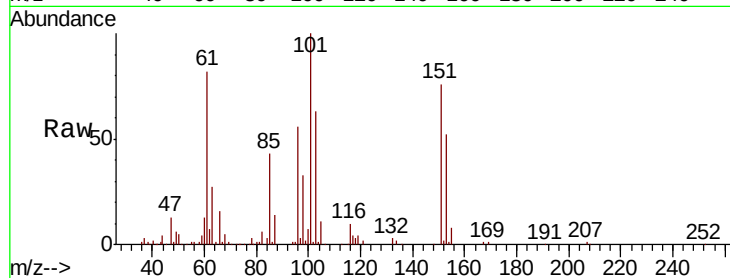
ClientSampleId :

VW0813SBS01

Tot Ion:	101	Resp:	162262
Ion Ratio	Lower	Upper	
101	100		
85	43.1	34.6	51.8
151	77.3	61.3	91.9

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#10

Methyl Iodide

Concen: 20.83 ug/l

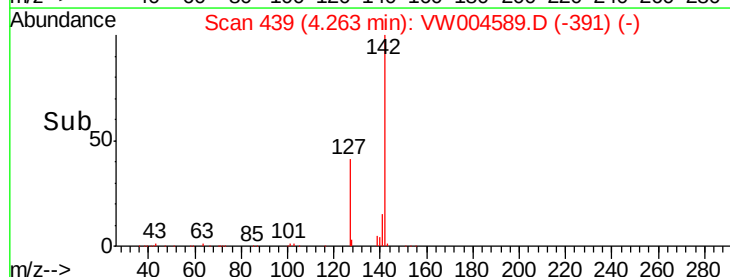
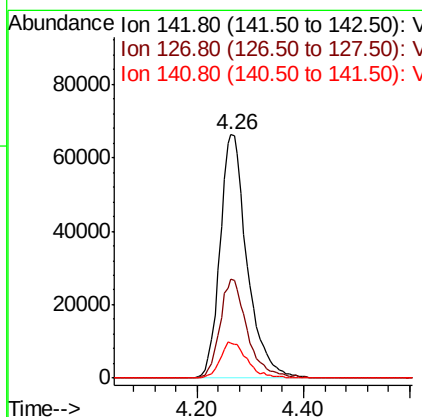
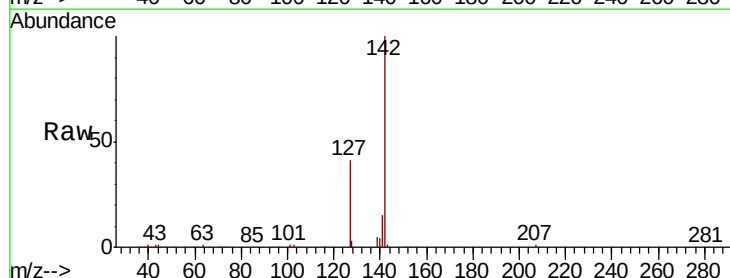
RT: 4.26 min Scan# 439

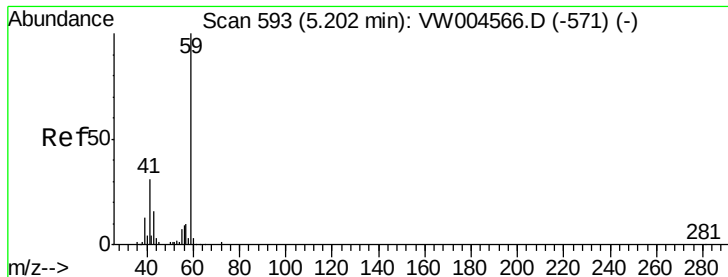
Delta R.T. -0.01 min

Lab File: VW004589.D

Acq: 10 Aug 2018 11:48

Tgt Ion:	142	Resp:	235604
Ion Ratio	Lower	Upper	
142	100		
127	41.2	32.7	49.1
141	14.8	11.5	17.3





#11

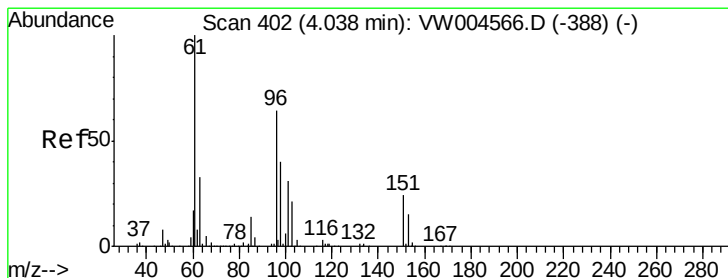
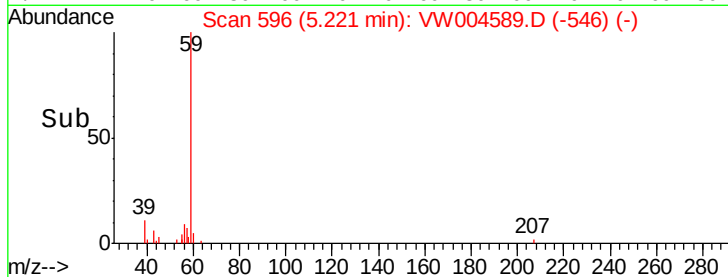
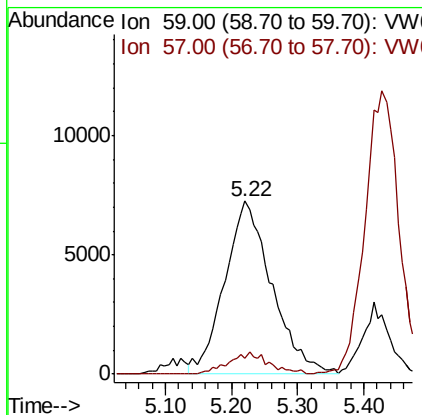
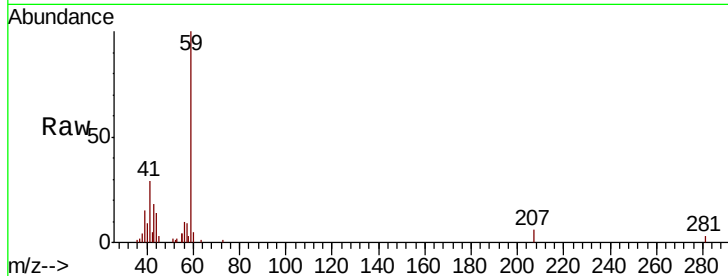
Tert butyl alcohol
 Concen: 79.83 ug/l
 RT: 5.22 min Scan# 596
 Delta R.T. 0.01 min
 Lab File: VW004589.D
 Acq: 10 Aug 2018 11:48

Instrument :
 MSVOA_W
 ClientSampled :
 VW0813SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.7	9.1	13.7

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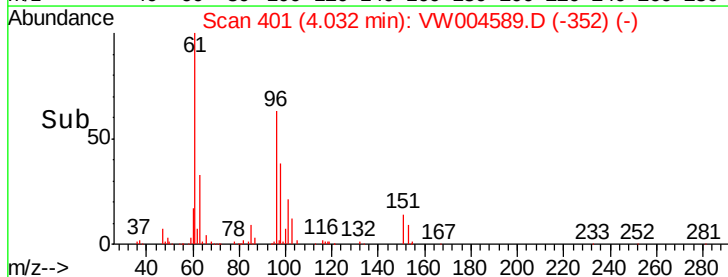
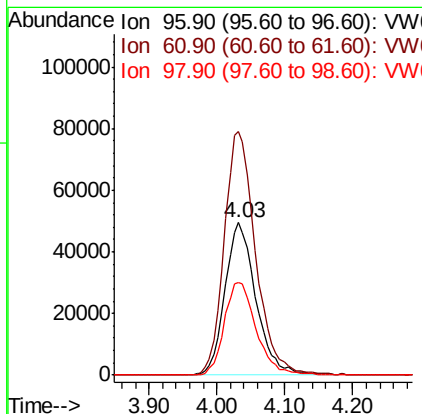
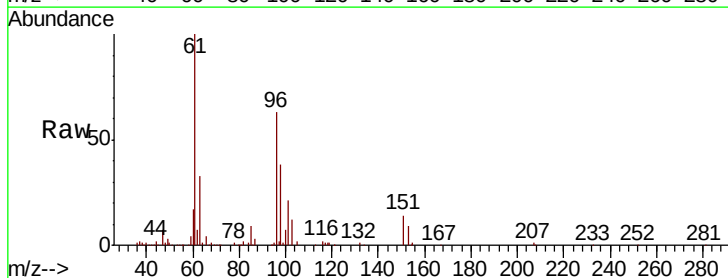
apatel
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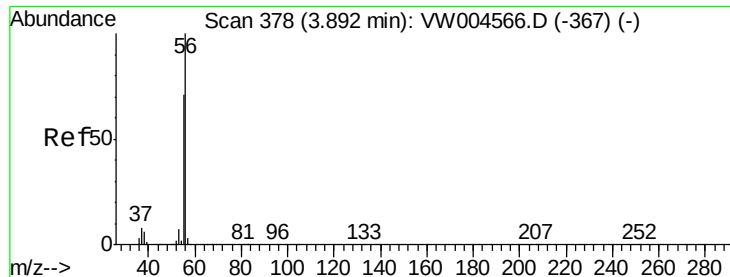


#12

1,1-Dichloroethene
 Concen: 20.37 ug/l
 RT: 4.03 min Scan# 401
 Delta R.T. 0.00 min
 Lab File: VW004589.D
 Acq: 10 Aug 2018 11:48

Tgt Ion	Ratio	Lower	Upper
96	100		
61	159.9	130.6	195.8
98	60.8	49.6	74.4





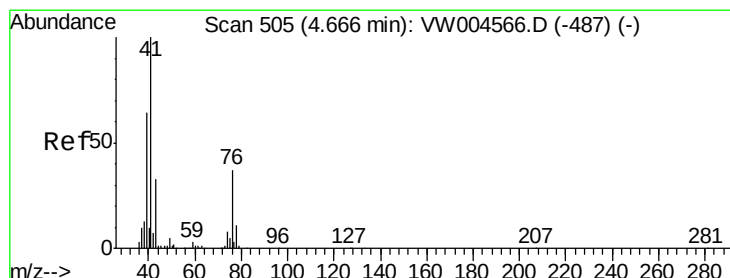
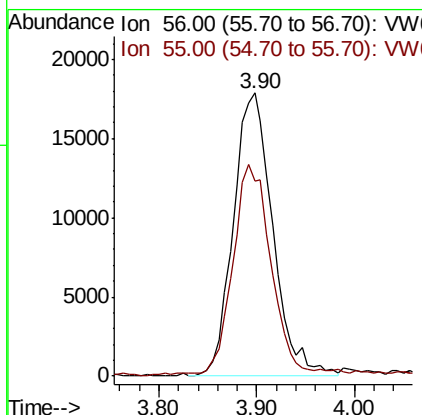
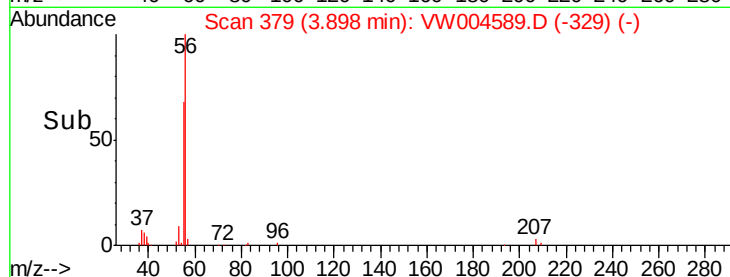
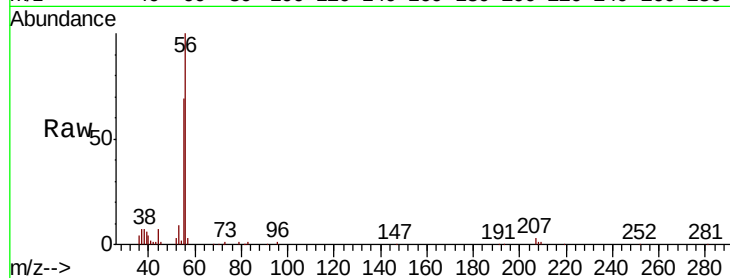
#13
Acrolein
Concen: 91.08 ug/l
RT: 3.90 min Scan# 379
Delta R.T. 0.01 min
Lab File: VW004589.D
Acq: 10 Aug 2018 11:48

Instrument :
MSVOA_W
ClientSampleId :
VW0813SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
55	74.4	56.7	85.1

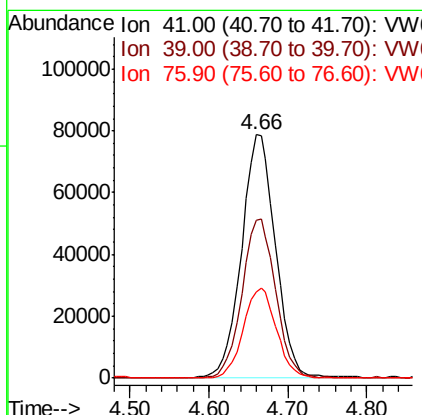
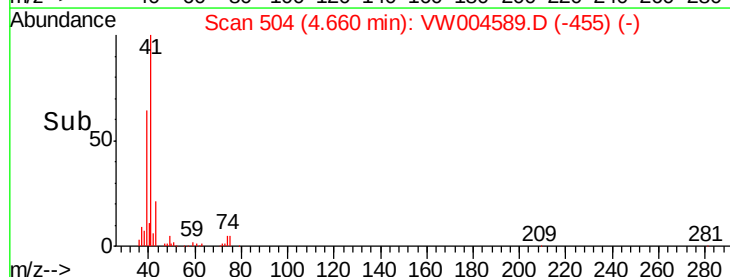
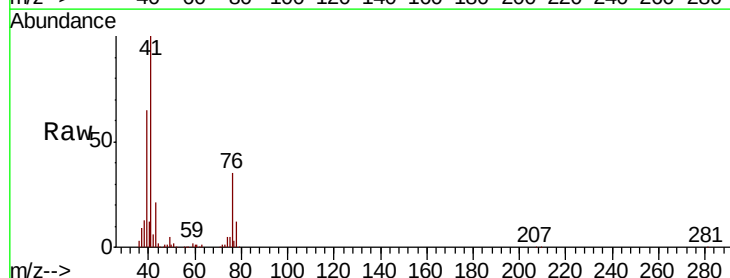
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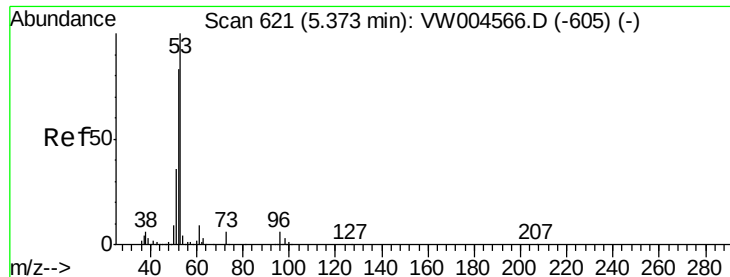
apatel
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#14
Allyl chloride
Concen: 20.65 ug/l
RT: 4.66 min Scan# 504
Delta R.T. 0.00 min
Lab File: VW004589.D
Acq: 10 Aug 2018 11:48

Tgt Ion	Ratio	Lower	Upper
41	100		
39	64.3	51.9	77.9
76	35.7	29.0	43.6





#15

Acrylonitrile

Concen: 81.98 ug/l

RT: 5.37 min Scan# 621

Delta R.T. 0.00 min

Lab File: VW004589.D

Acq: 10 Aug 2018 11:48

Instrument :

MSVOA_W

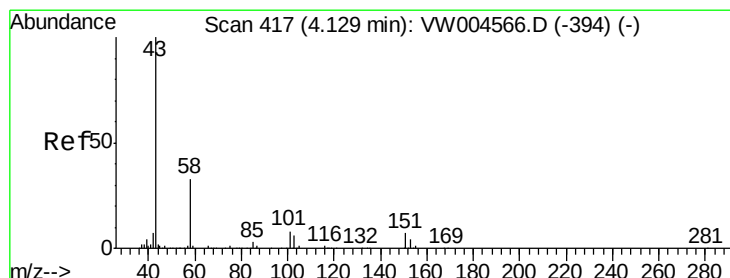
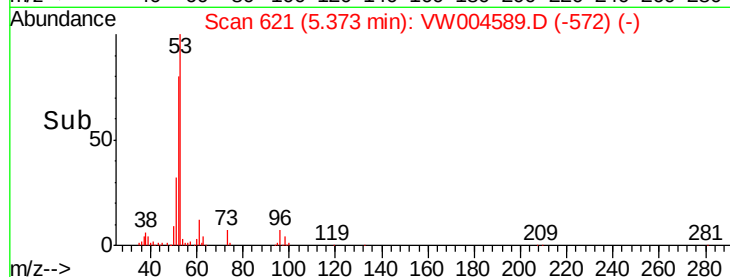
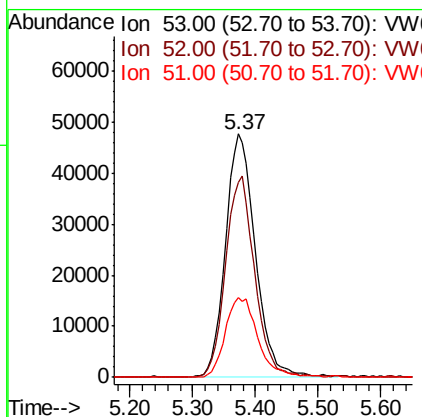
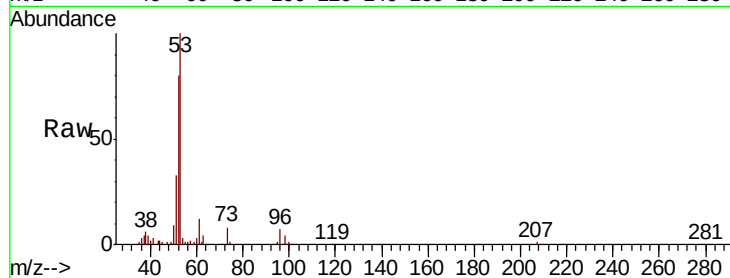
ClientSampled :

VW0813SBS01

Tot Ion:	53	Resp:	157297
Ion Ratio	Lower	Upper	
53	100		
52	80.0	66.5	99.7
51	35.5	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 98.69 ug/l

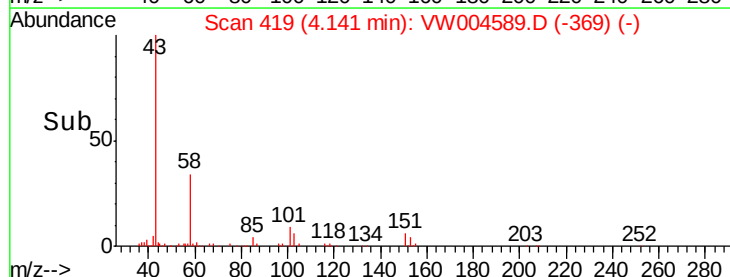
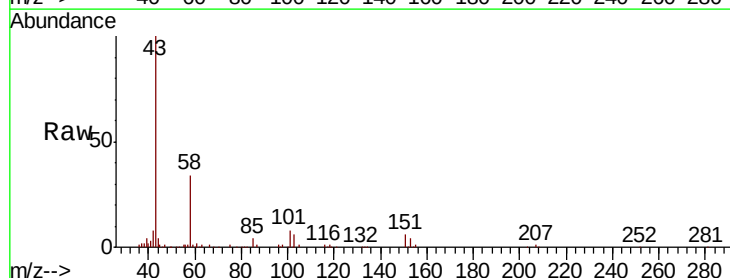
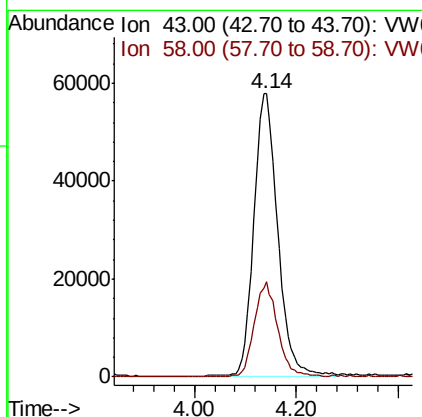
RT: 4.14 min Scan# 419

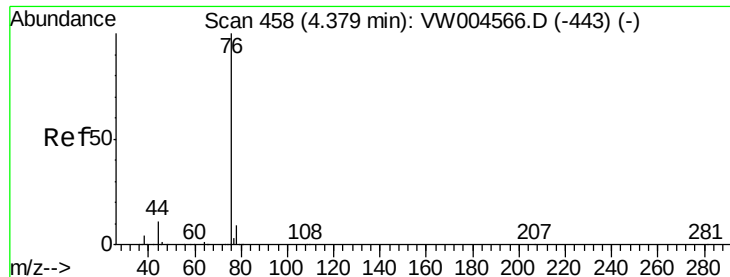
Delta R.T. 0.01 min

Lab File: VW004589.D

Acq: 10 Aug 2018 11:48

Tgt Ion:	43	Resp:	188784
Ion Ratio	Lower	Upper	
43	100		
58	33.8	26.8	40.2





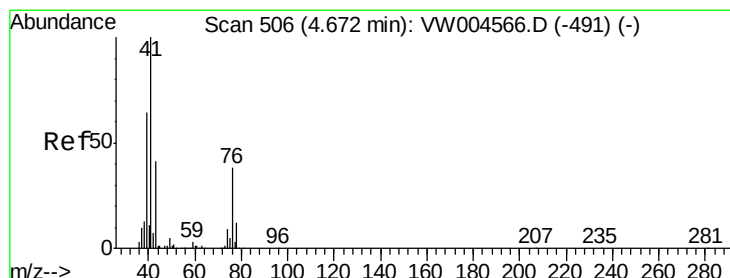
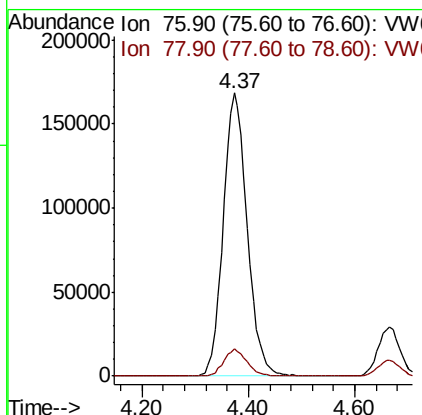
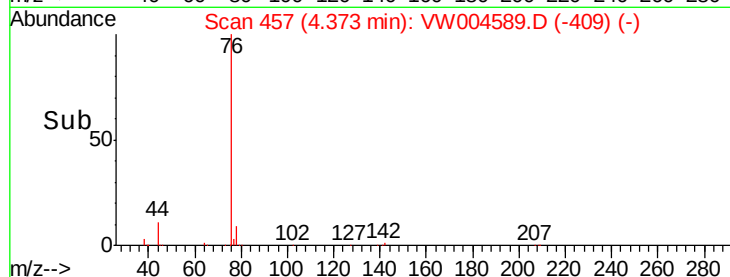
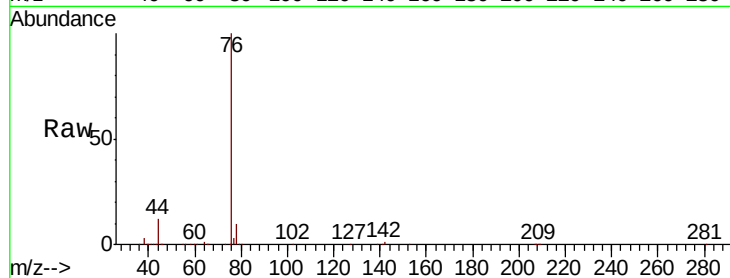
#17
Carbon Disulfide
Concen: 21.69 ug/l
RT: 4.37 min Scan# 457
Delta R.T. -0.01 min
Lab File: VW004589.D
Acq: 10 Aug 2018 11:48

Instrument :
MSVOA_W
ClientSampleId :
VW0813SBS01

Tot Ion	Ratio	Resp	Lower	Upper
76	100			
78	9.7	7.0	10.4	

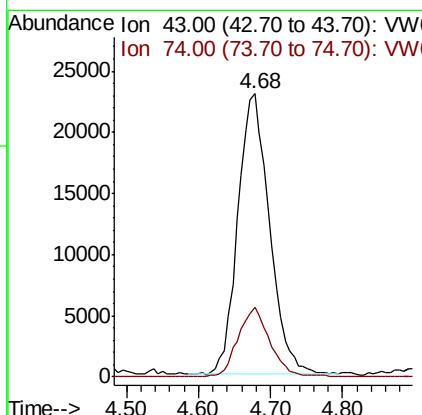
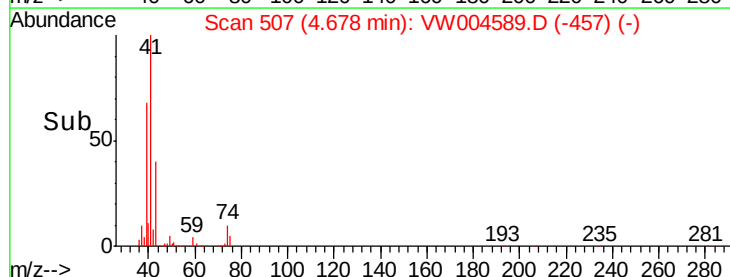
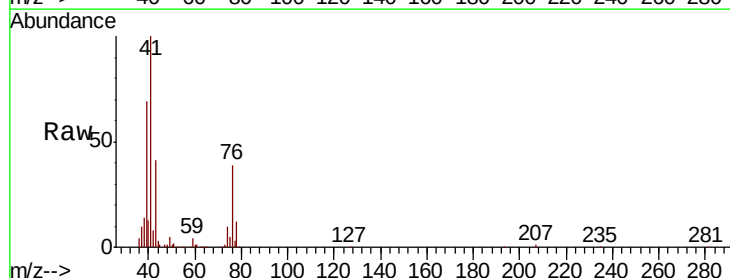
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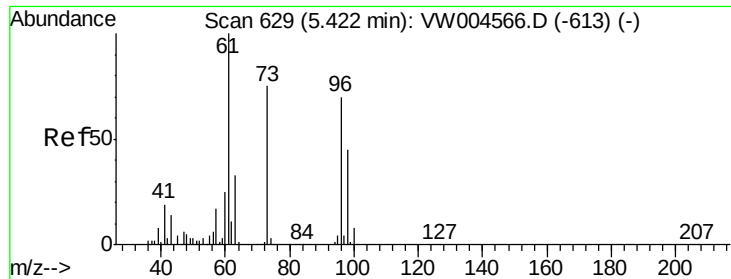
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#18
Methyl Acetate
Concen: 14.77 ug/l
RT: 4.68 min Scan# 507
Delta R.T. 0.01 min
Lab File: VW004589.D
Acq: 10 Aug 2018 11:48

Tgt Ion	Ratio	Resp	Lower	Upper
43	100			
74	24.9	19.1	28.7	





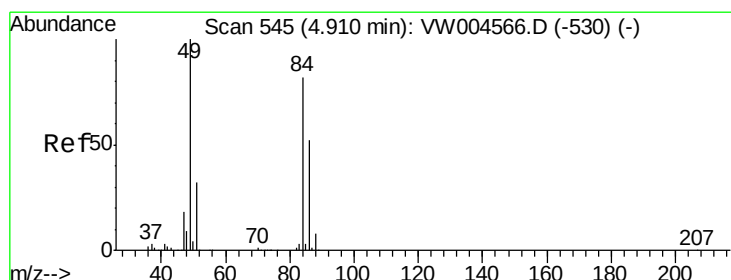
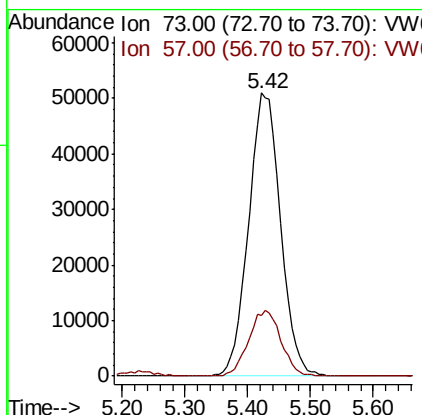
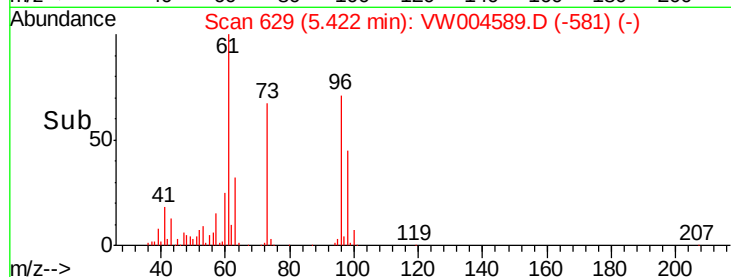
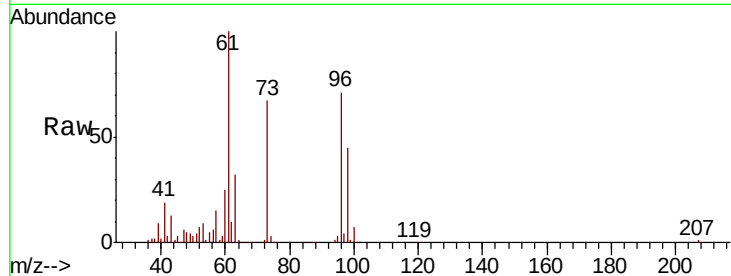
#19
Methyl tert-butyl Ether
Concen: 17.36 ug/l
RT: 5.42 min Scan# 629
Delta R.T. -0.01 min
Lab File: VW004589.D
Acq: 10 Aug 2018 11:48

Instrument :
MSVOA_W
ClientSampleId :
VW0813SBS01

Tot Ion: 73 Resp: 179697
Ion Ratio Lower Upper
73 100
57 21.5 19.6 29.4

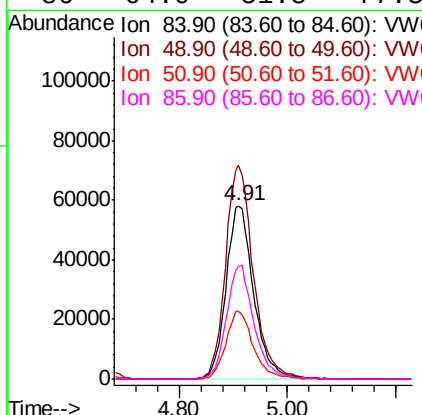
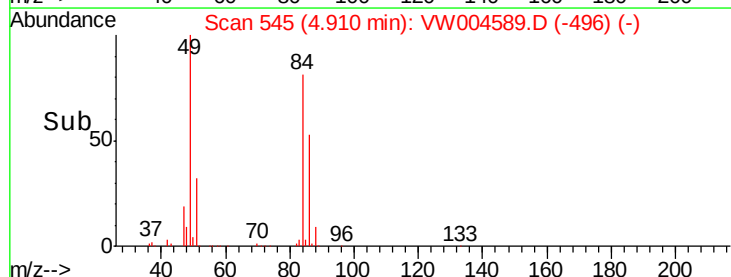
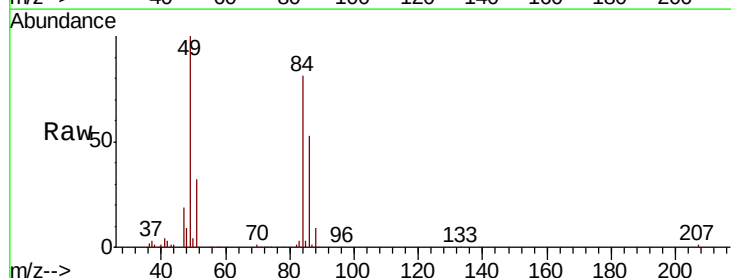
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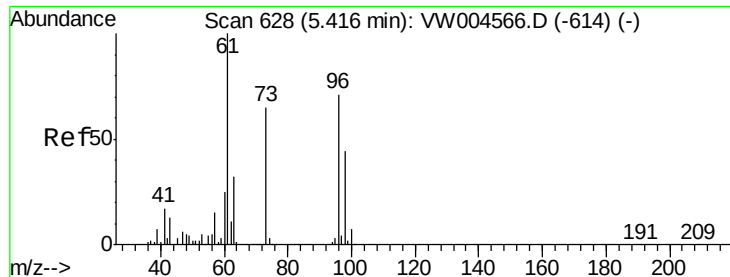
apatel
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#20
Methylene Chloride
Concen: 15.95 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW004589.D
Acq: 10 Aug 2018 11:48

Tgt Ion: 84 Resp: 205388
Ion Ratio Lower Upper
84 100
49 123.3 99.6 149.4
51 39.0 31.0 46.4
86 64.9 51.5 77.3





#21

trans-1,2-Dichloroethene

Concen: 19.68 ug/l

RT: 5.42 min Scan# 629

Delta R.T. 0.01 min

Lab File: VW004589.D

Acq: 10 Aug 2018 11:48

Instrument :

MSVOA_W

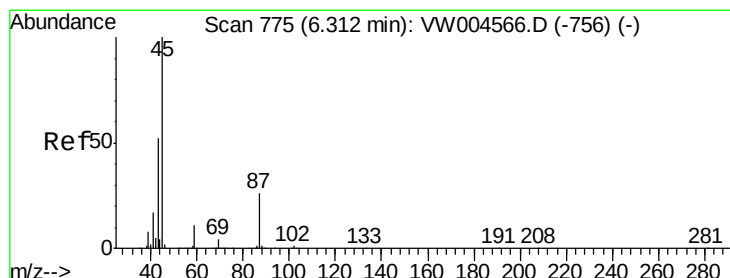
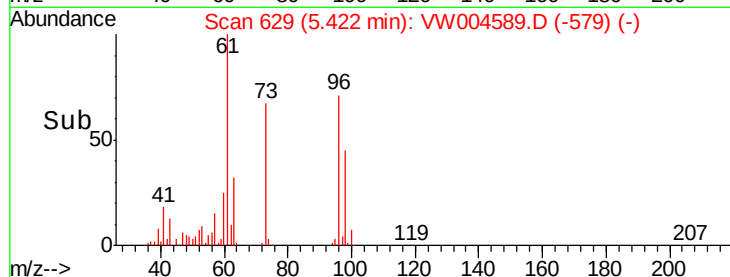
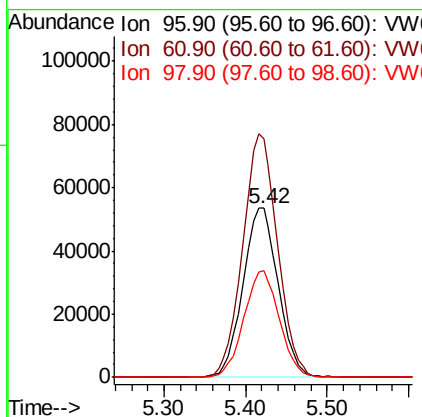
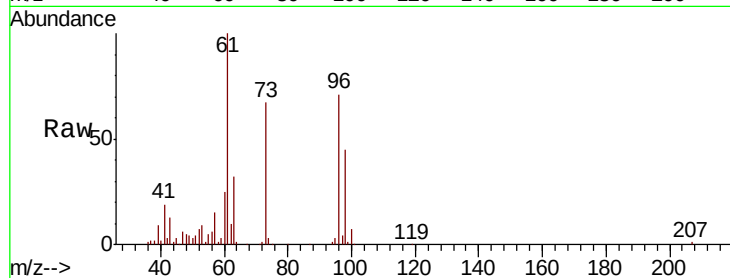
ClientSampled :

VW0813SBS01

Tot Ion:	96	Resp:	160894
Ion	Ratio	Lower	Upper
96	100		
61	141.3	114.1	171.1
98	63.4	51.4	77.2

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#22

Diisopropyl ether

Concen: 20.00 ug/l

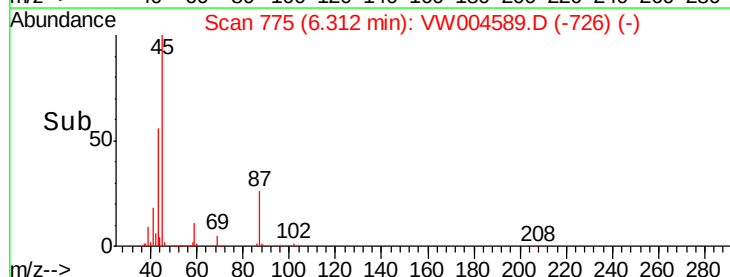
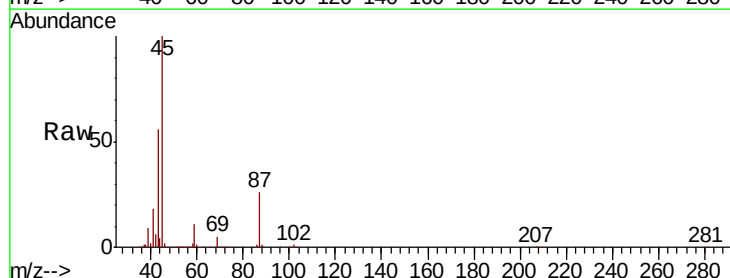
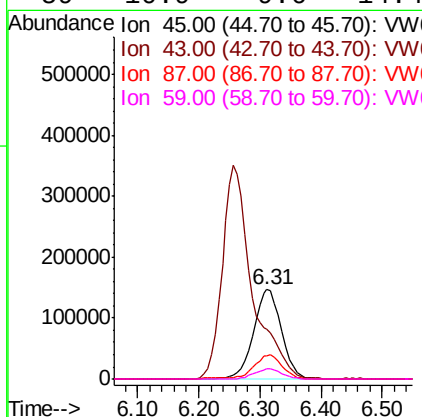
RT: 6.31 min Scan# 775

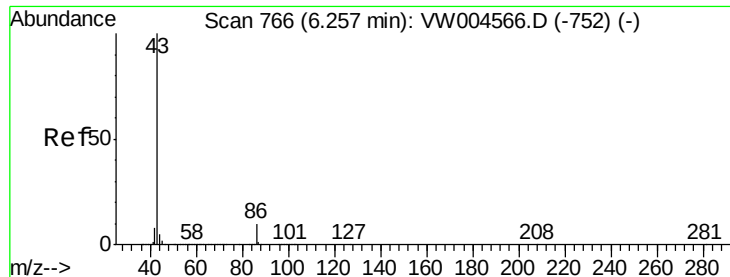
Delta R.T. 0.00 min

Lab File: VW004589.D

Acq: 10 Aug 2018 11:48

Tgt Ion:	45	Resp:	468452
Ion	Ratio	Lower	Upper
45	100		
43	56.4	42.4	63.6
87	26.4	21.6	32.4
59	10.9	9.6	14.4





#23

Vinyl Acetate

Concen: 84.45 ug/l

RT: 6.26 min Scan# 766

Delta R.T. 0.00 min

Lab File: VW004589.D

Acq: 10 Aug 2018 11:48

Instrument :

MSVOA_W

ClientSampleId :

VW0813SBS01

Tot Ion: 43 Resp: 1189030

Ion Ratio Lower Upper

43 100

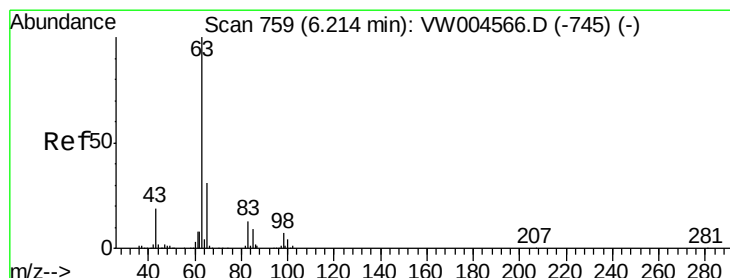
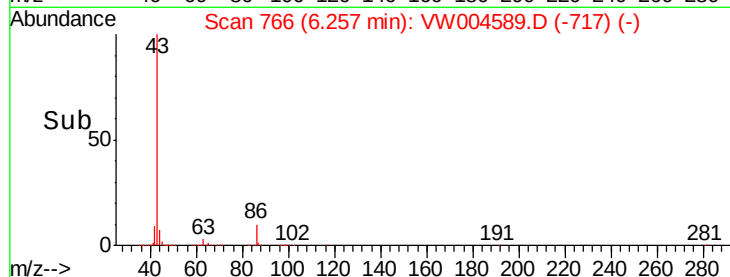
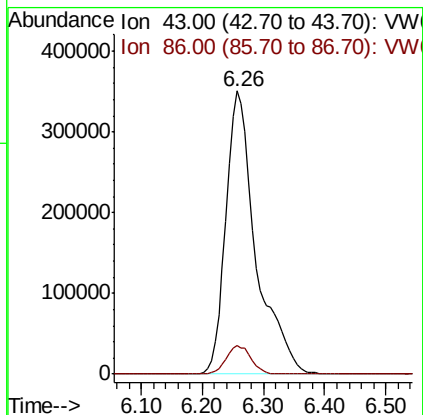
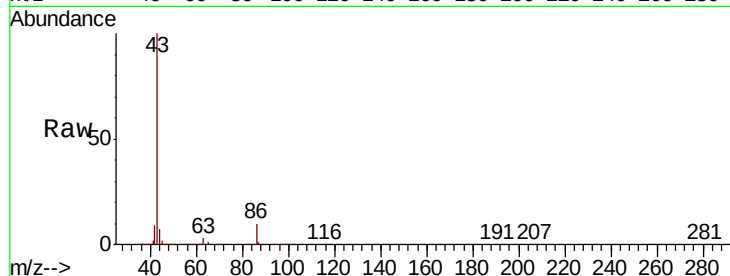
86 10.3 7.9 11.9

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#24

1,1-Dichloroethane

Concen: 19.81 ug/l

RT: 6.21 min Scan# 759

Delta R.T. 0.00 min

Lab File: VW004589.D

Acq: 10 Aug 2018 11:48

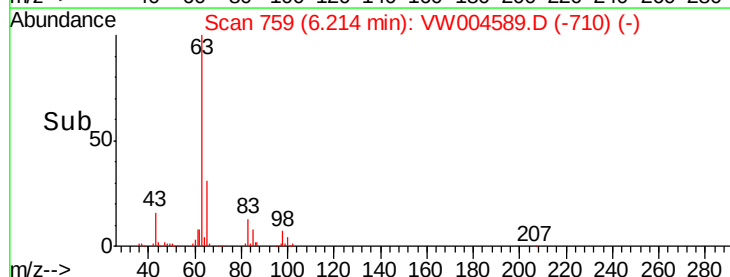
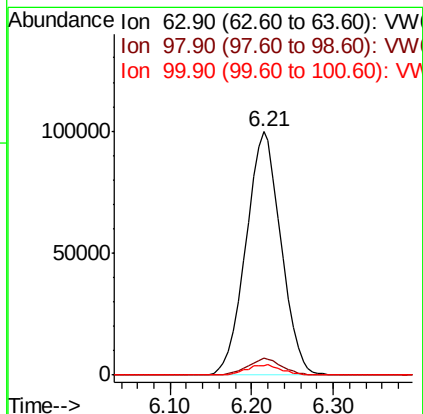
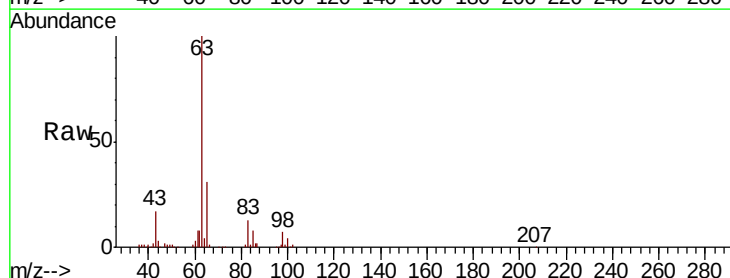
Tgt Ion: 63 Resp: 297026

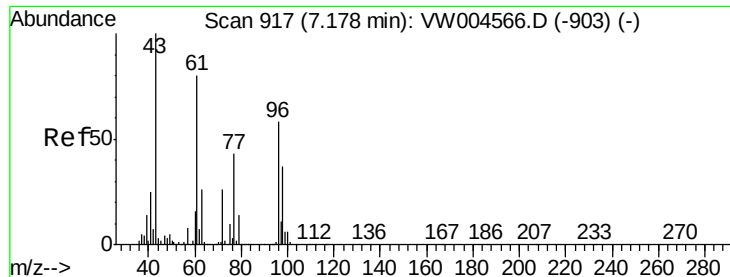
Ion Ratio Lower Upper

63 100

98 6.8 3.1 9.3

100 3.7 2.1 6.5





#25

2-Butanone

Concen: 78.50 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.00 min

Lab File: VW004589.D

Acq: 10 Aug 2018 11:48

Instrument :

MSVOA_W

ClientSampled :

VW0813SBS01

Tot Ion: 43 Resp: 241544

Ion Ratio Lower Upper

43 100

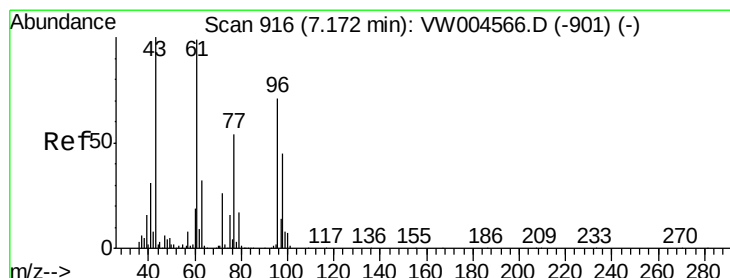
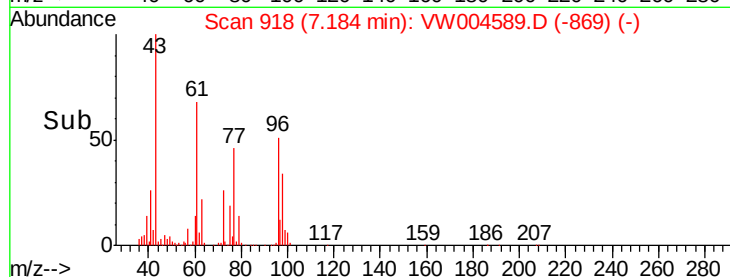
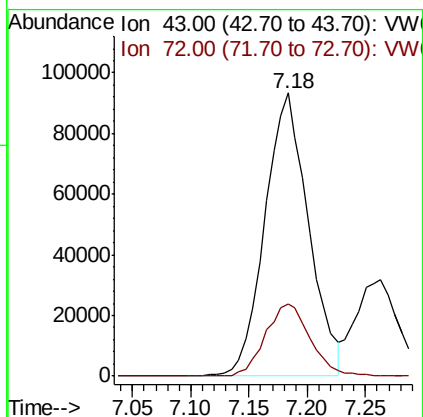
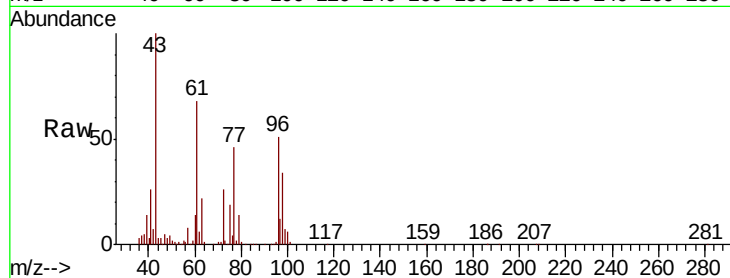
72 25.8 21.0 31.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 22.55 ug/l

RT: 7.17 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW004589.D

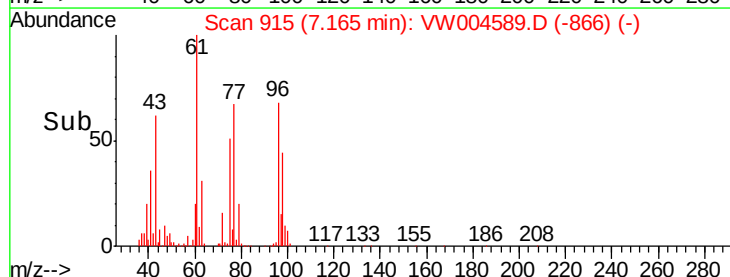
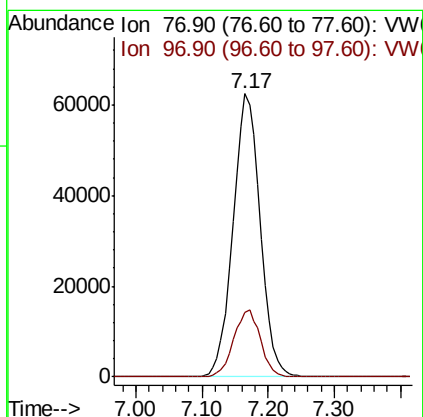
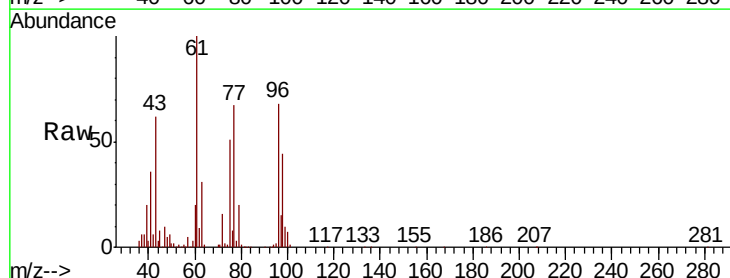
Acq: 10 Aug 2018 11:48

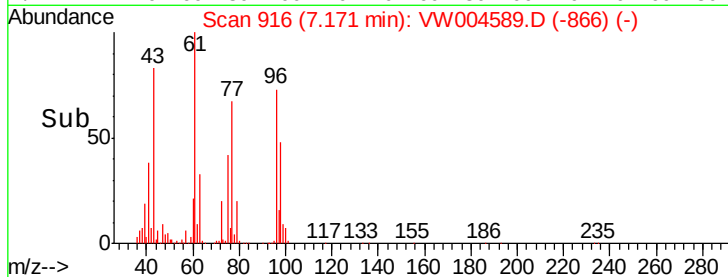
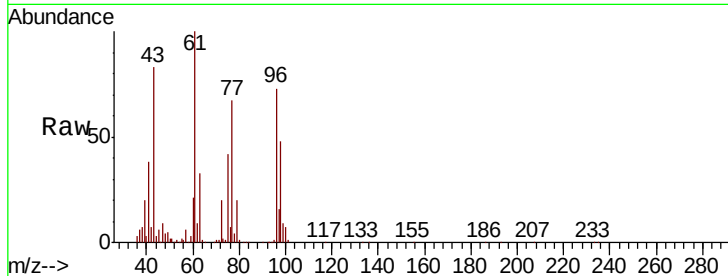
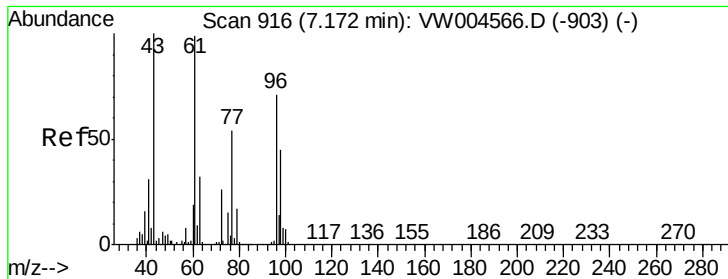
Tgt Ion: 77 Resp: 177462

Ion Ratio Lower Upper

77 100

97 23.2 12.5 37.5





#27

cis-1,2-Dichloroethene

Concen: 19.59 ug/l

RT: 7.17 min Scan# 916

Delta R.T. 0.01 min

Lab File: VW004589.D

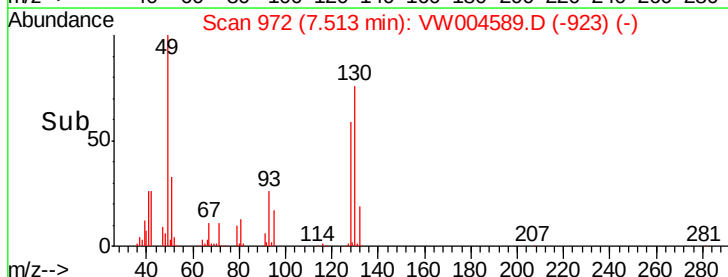
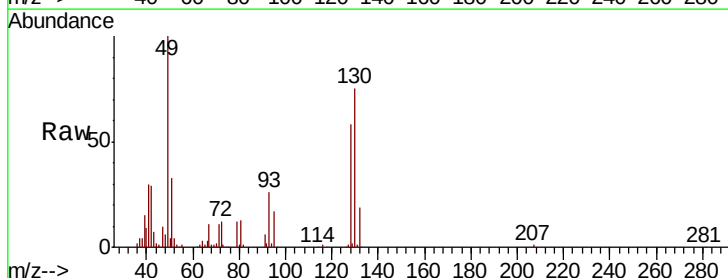
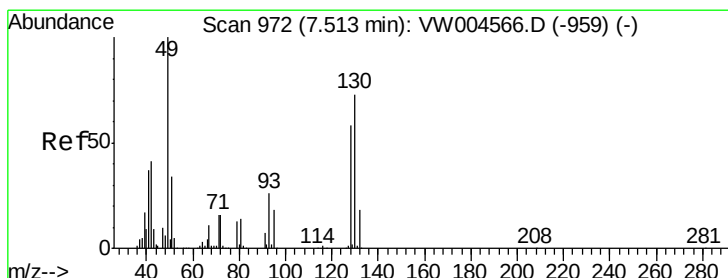
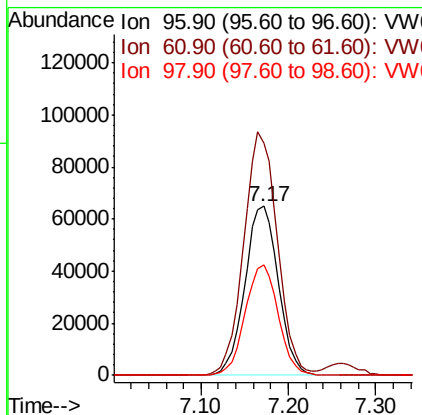
Acq: 10 Aug 2018 11:48

Tot Ion	Ion	Ratio	Resp	Lower	Upper
96	100				
61	144.5	0.0	285.0		
98	65.0	0.0	128.6		

Instrument :
MSVOA_W
ClientSampleId :
VW0813SBS01

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#28

Bromochloromethane

Concen: 18.63 ug/l

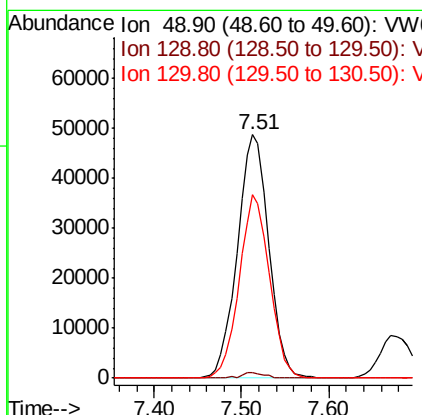
RT: 7.51 min Scan# 972

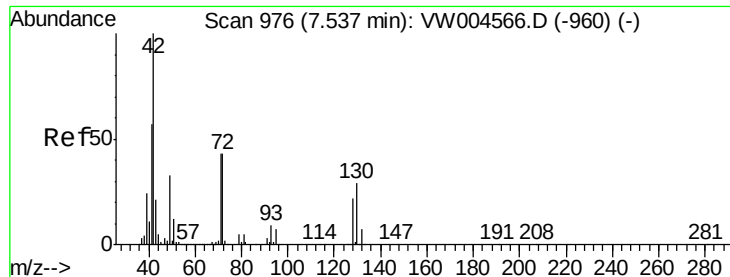
Delta R.T. 0.00 min

Lab File: VW004589.D

Acq: 10 Aug 2018 11:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
49	100				
129	1.7	0.0	4.0		
130	72.8	58.8	88.2		





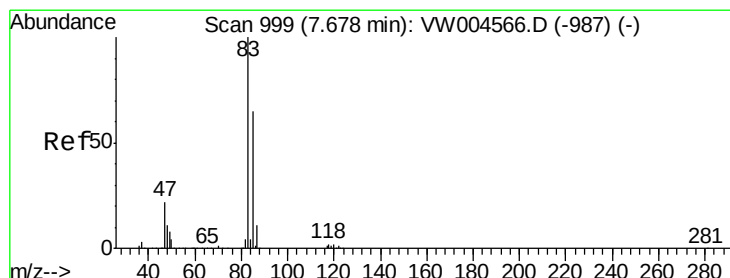
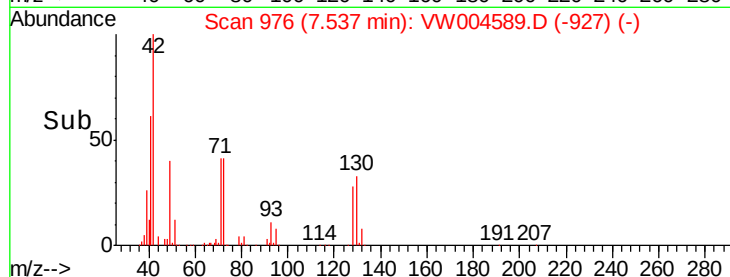
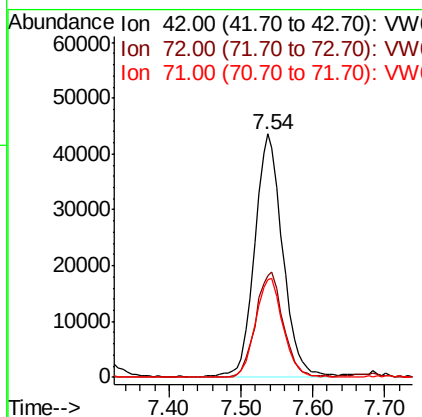
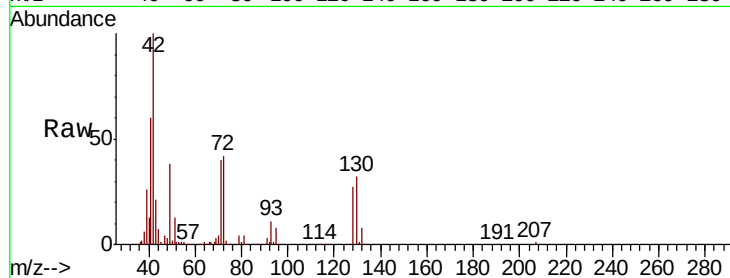
#29
Tetrahydrofuran
Concen: 73.20 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.00 min
Lab File: VW004589.D
Acq: 10 Aug 2018 11:48

Instrument :
MSVOA_W
ClientSampled :
VW0813SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.1	34.1	51.1
71	40.7	32.5	48.7

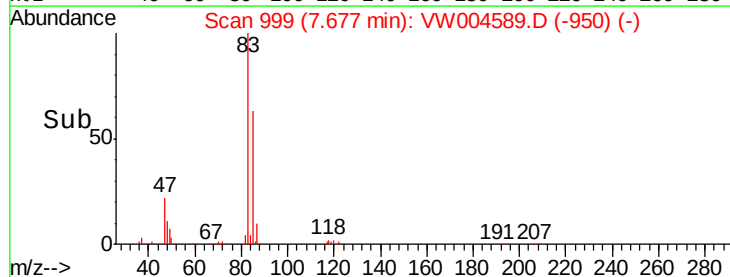
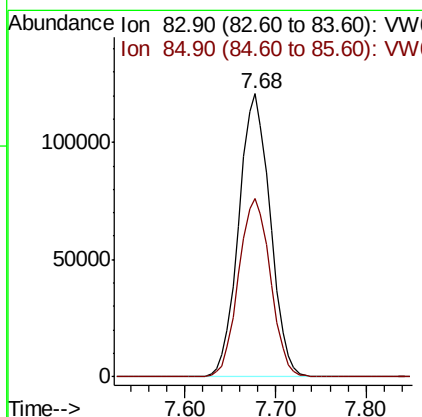
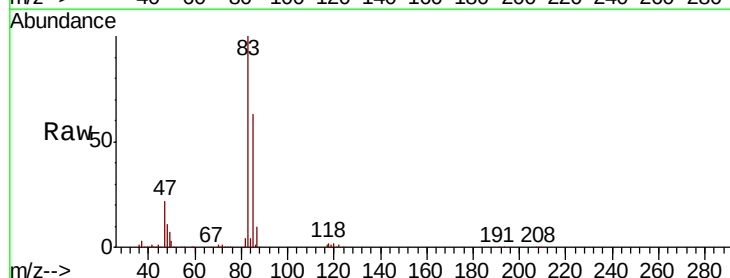
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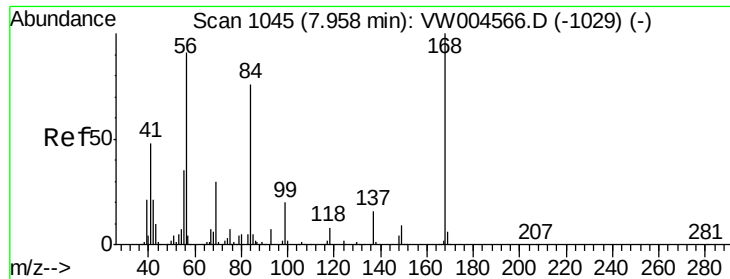
apatel
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#30
Chloroform
Concen: 19.72 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW004589.D
Acq: 10 Aug 2018 11:48

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.2	51.3	76.9





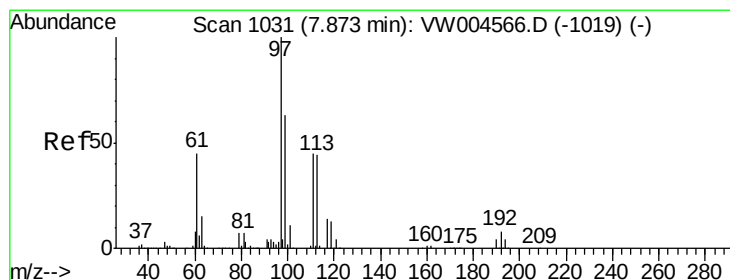
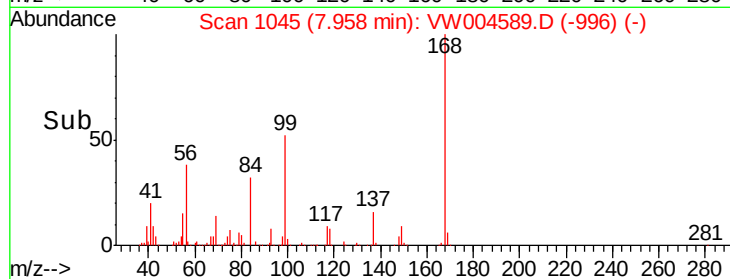
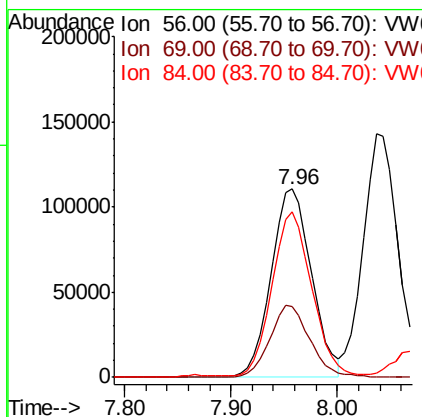
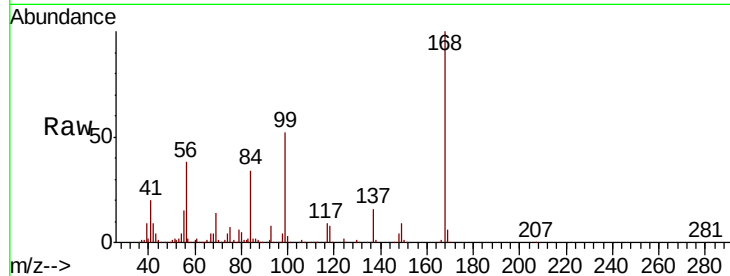
#31
Cyclohexane
Concen: 20.26 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. 0.00 min
Lab File: VW004589.D
Acq: 10 Aug 2018 11:48

Instrument :
MSVOA_W
ClientSampleId :
VW0813SBS01

Tot Ion	Ratio	Resp	Lower	Upper
56	100	290637		
69	37.8		26.4	39.6
84	86.7		66.9	100.3

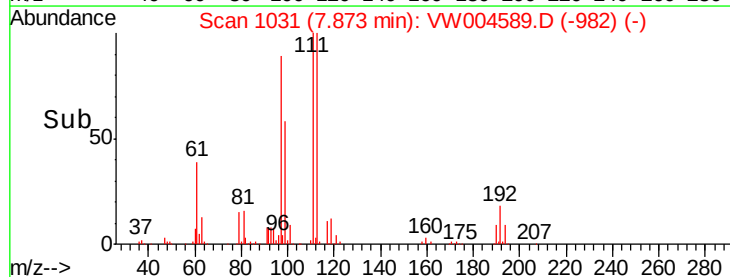
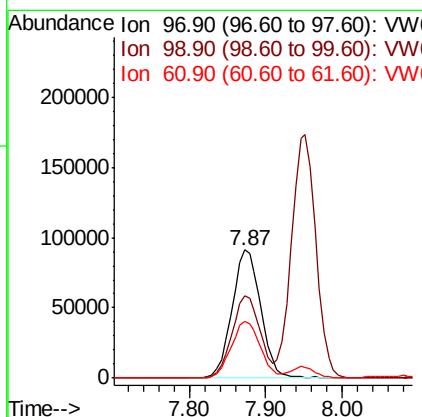
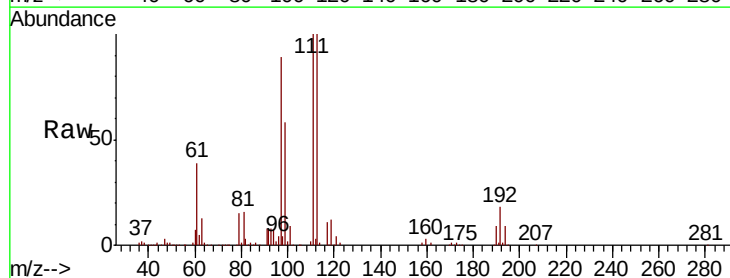
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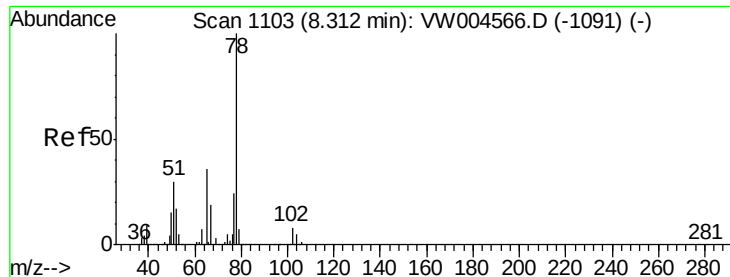
apatel
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#32
1,1,1-Trichloroethane
Concen: 21.36 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VW004589.D
Acq: 10 Aug 2018 11:48

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	236370		
99	63.0		51.6	77.4
61	44.8		35.7	53.5





#33

1,2-Dichloroethane-d4

Concen: 45.76 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW004589.D

Acq: 10 Aug 2018 11:48

Instrument :

MSVOA_W

ClientSampled :

VW0813SBS01

Tot Ion: 65 Resp: 350456

Ion Ratio Lower Upper

65 100

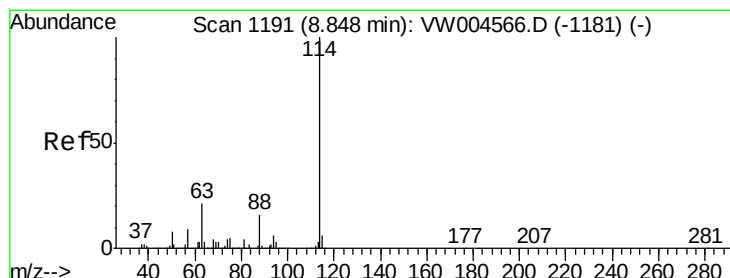
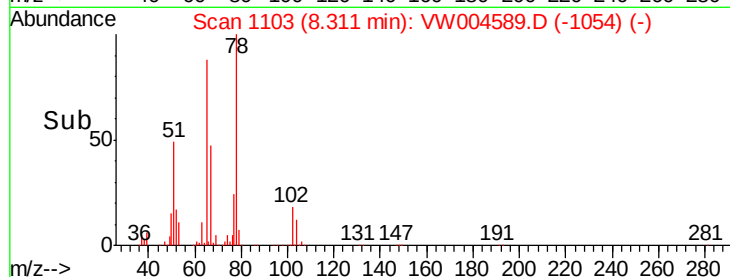
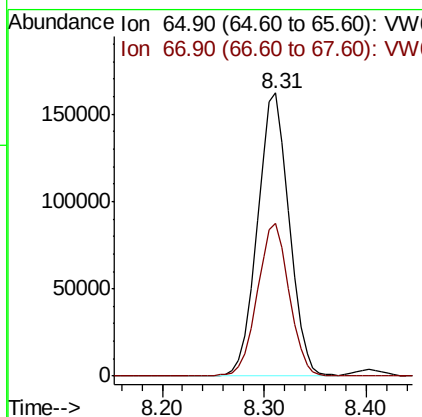
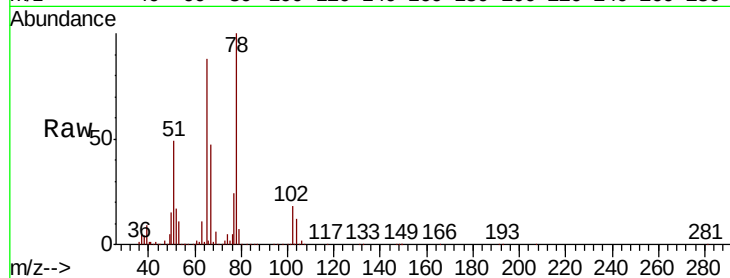
67 54.4 0.0 109.0

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#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.00 min

Lab File: VW004589.D

Acq: 10 Aug 2018 11:48

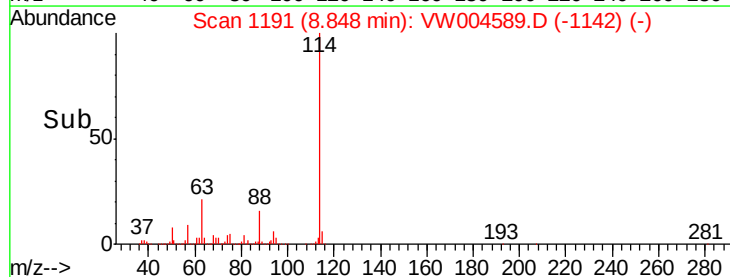
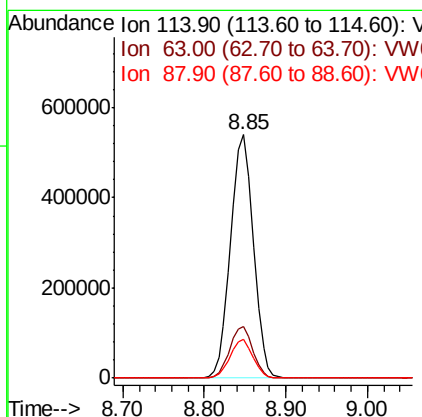
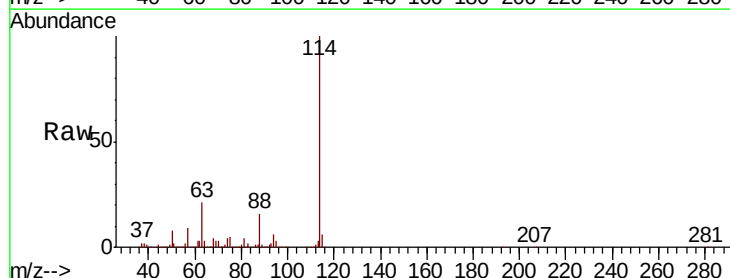
Tgt Ion: 114 Resp: 1040341

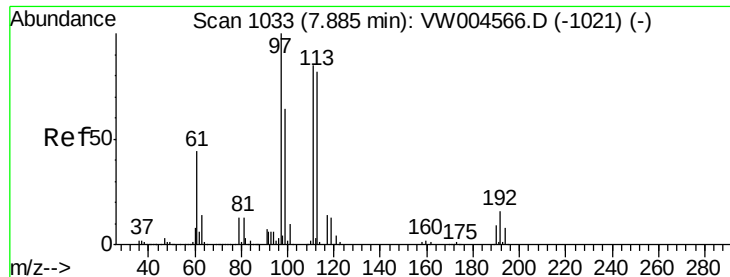
Ion Ratio Lower Upper

114 100

63 21.2 0.0 42.4

88 15.8 0.0 31.2





#35

Dibromofluoromethane

Concen: 50.58 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. 0.00 min

Lab File: VW004589.D

Acq: 10 Aug 2018 11:48

Instrument :

MSVOA_W

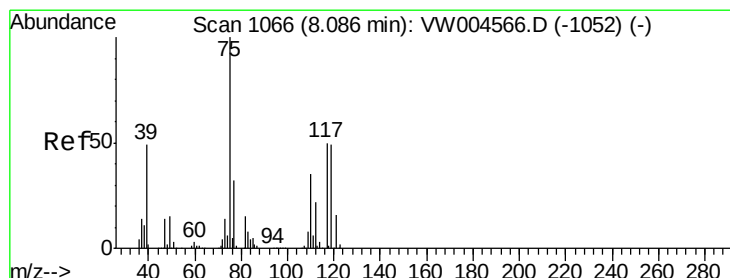
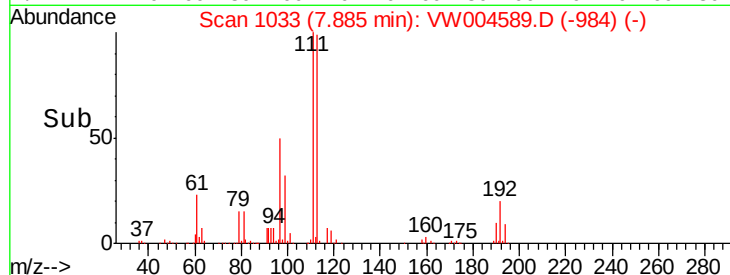
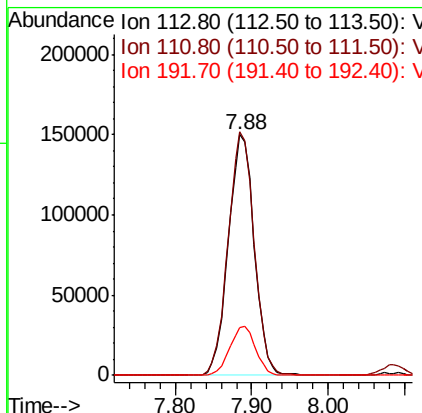
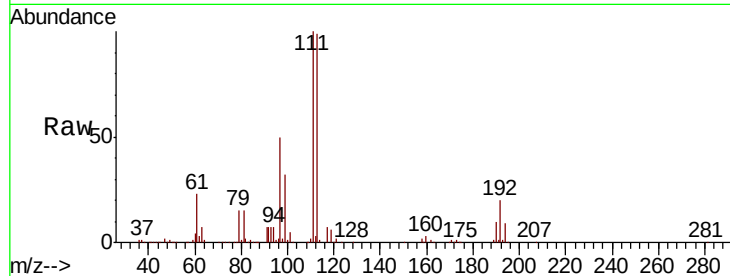
ClientSampleId :

VW0813SBS01

Tot Ion:	113	Resp:	350882
Ion Ratio	Lower	Upper	
113	100		
111	101.6	82.9	124.3
192	20.3	15.8	23.6

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 20.66 ug/l

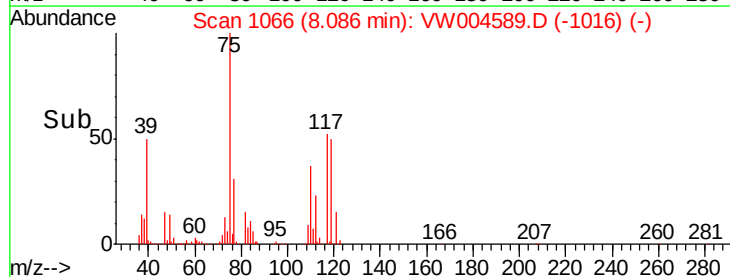
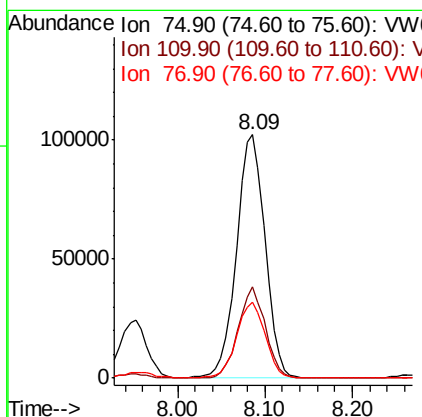
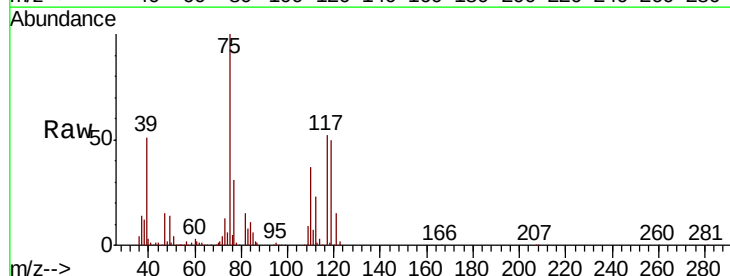
RT: 8.09 min Scan# 1066

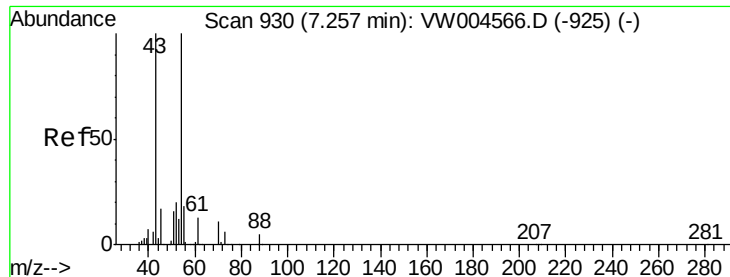
Delta R.T. 0.01 min

Lab File: VW004589.D

Acq: 10 Aug 2018 11:48

Tgt Ion:	75	Resp:	231419
Ion Ratio	Lower	Upper	
75	100		
110	35.7	17.4	52.2
77	31.5	24.7	37.1





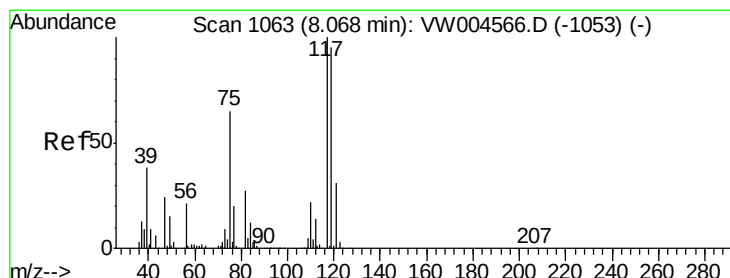
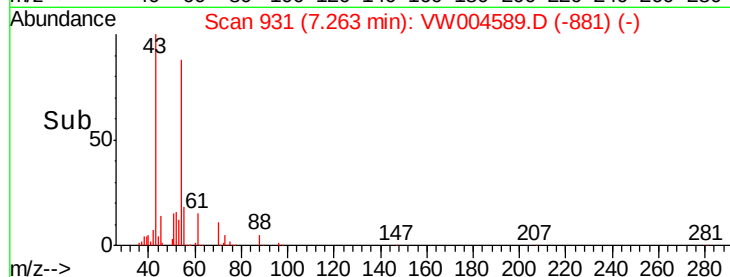
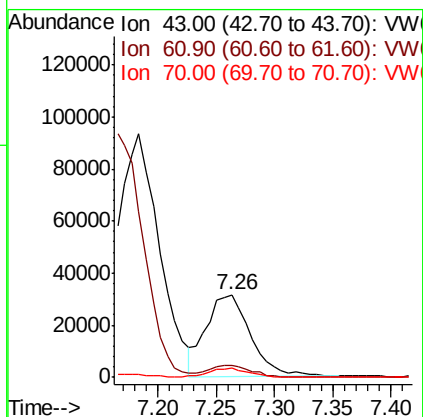
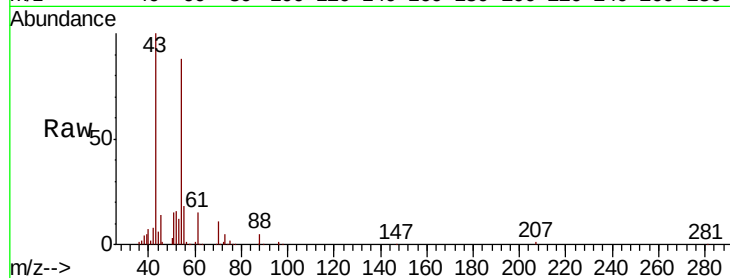
#37
Ethyl Acetate
Concen: 15.68 ug/l
RT: 7.26 min Scan# 931
Delta R.T. 0.01 min
Lab File: VW004589.D
Acq: 10 Aug 2018 11:48

Instrument :
MSVOA_W
ClientSampleId :
VW0813SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.4	11.9	17.9
70	10.8	8.2	12.4

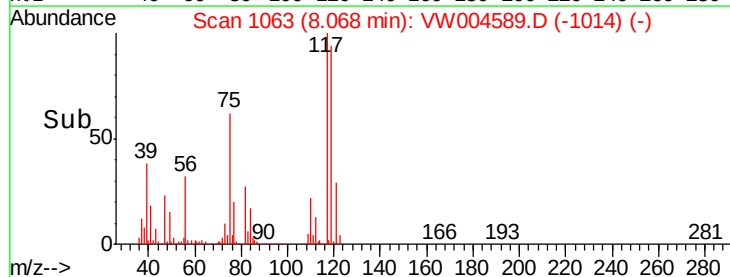
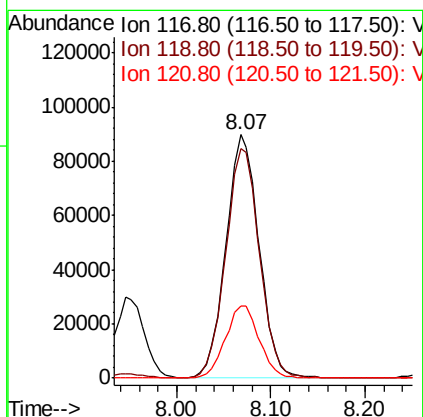
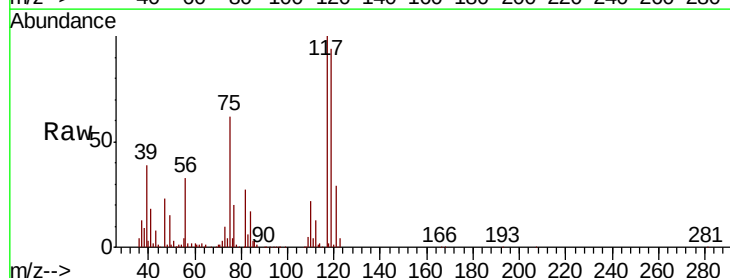
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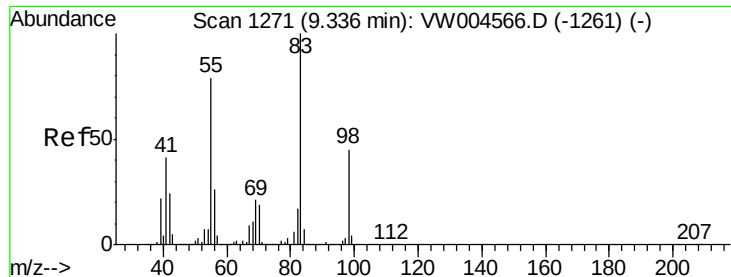
apatel
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#38
Carbon Tetrachloride
Concen: 21.60 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW004589.D
Acq: 10 Aug 2018 11:48

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.3	76.1	114.1
121	29.5	24.2	36.4





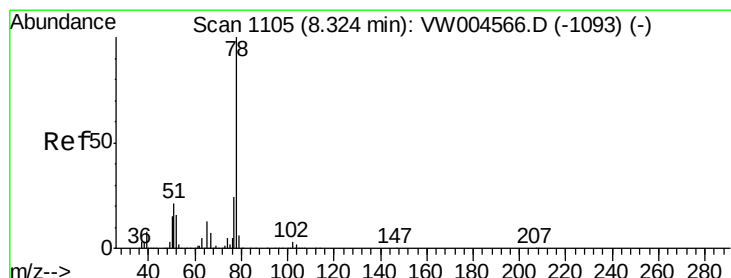
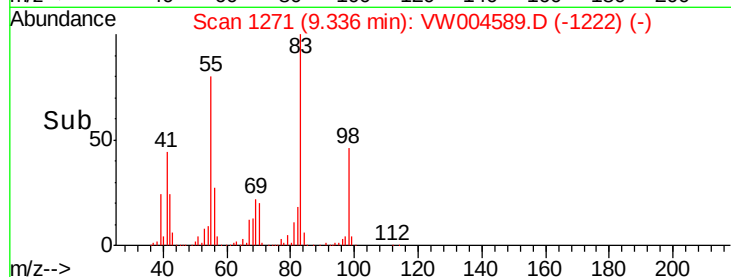
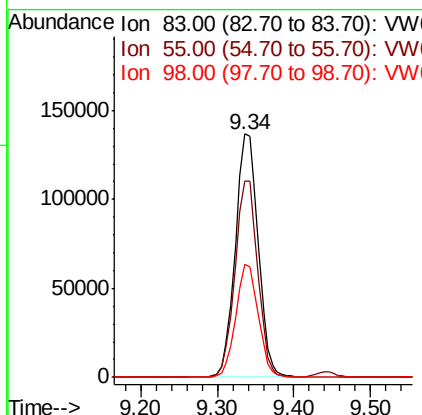
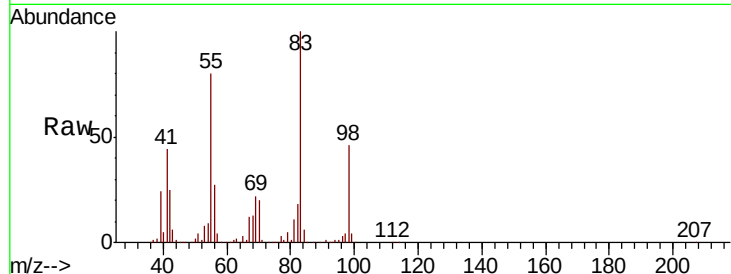
#39
Methylvlcyclohexane
Concen: 20.74 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VW004589.D
Acq: 10 Aug 2018 11:48

Instrument :
MSVOA_W
ClientSampleId :
VW0813SBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	284827		
55	80.5	62.5	93.7	
98	46.4	35.4	53.2	

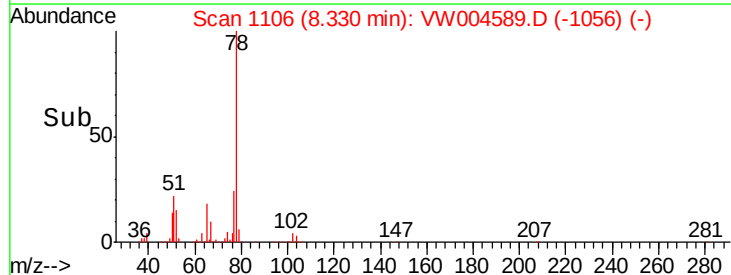
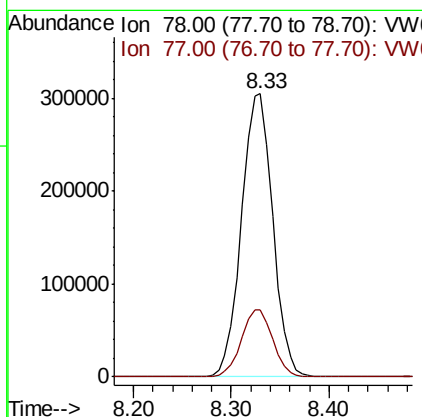
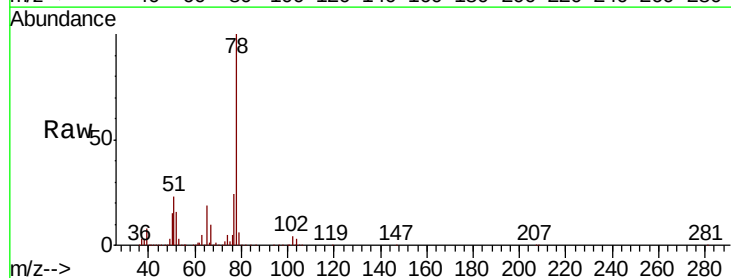
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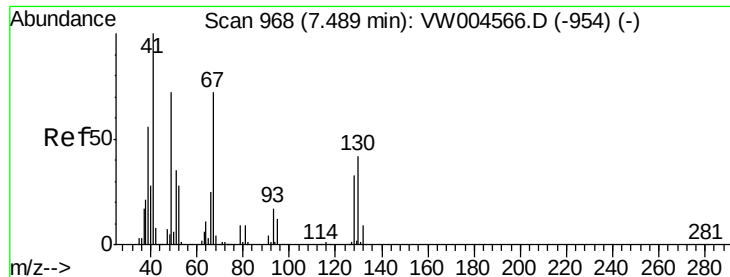
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#40
Benzene
Concen: 20.53 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. 0.01 min
Lab File: VW004589.D
Acq: 10 Aug 2018 11:48

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	675474		
77	23.8	19.0	28.6	





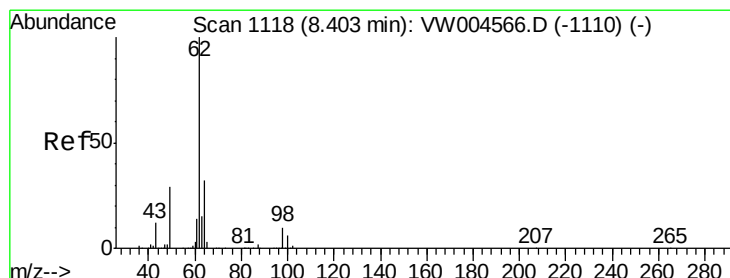
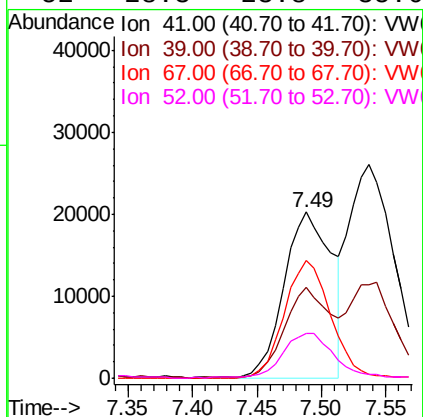
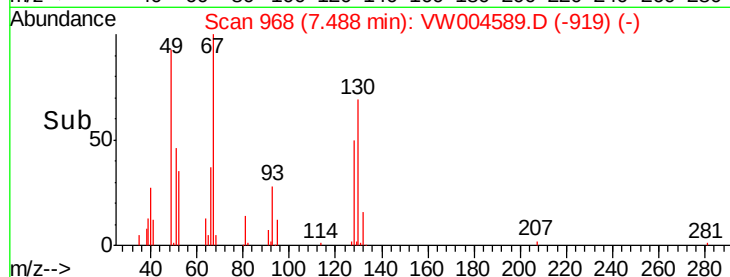
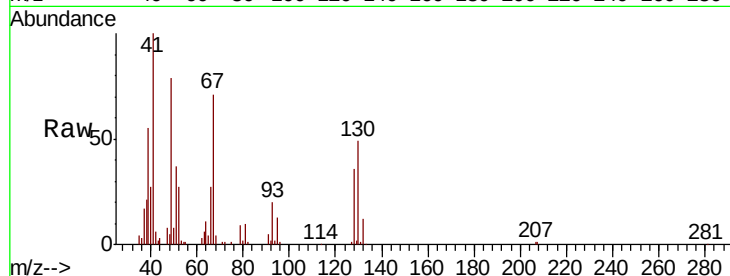
#41
Methacrylonitrile
Concen: 17.82 ug/l
RT: 7.49 min Scan# 968
Delta R.T. 0.00 min
Lab File: VW004589.D
Acq: 10 Aug 2018 11:48

Instrument :
MSVOA_W
ClientSampleId :
VW0813SBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.7	46.2	69.2	
67	68.9	60.8	91.2	
52	28.3	23.8	35.6	

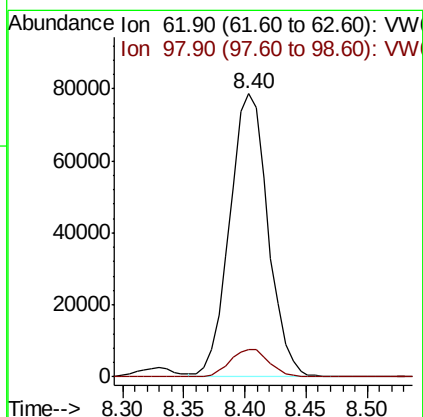
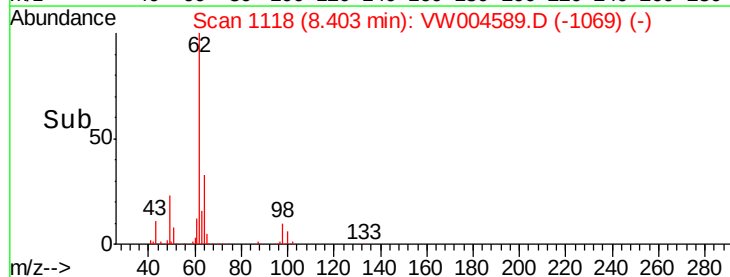
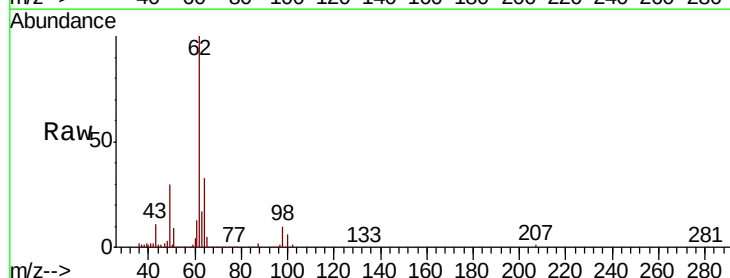
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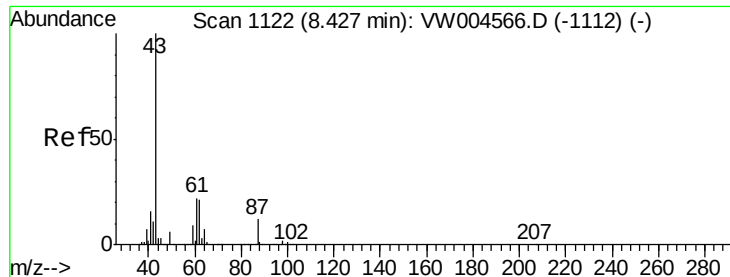
apatel
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#42
1,2-Dichloroethane
Concen: 18.69 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW004589.D
Acq: 10 Aug 2018 11:48

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.9	0.0	19.6	





#43

Isopropyl Acetate

Concen: 15.94 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VW004589.D

Acq: 10 Aug 2018 11:48

Instrument :

MSVOA_W

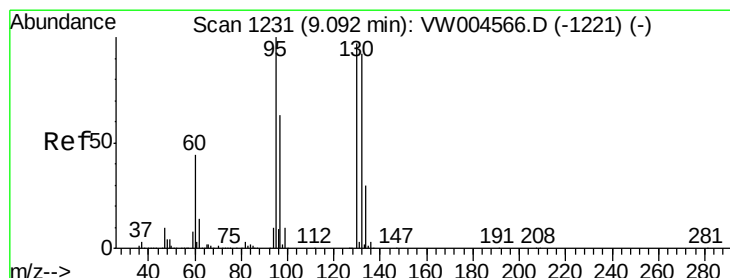
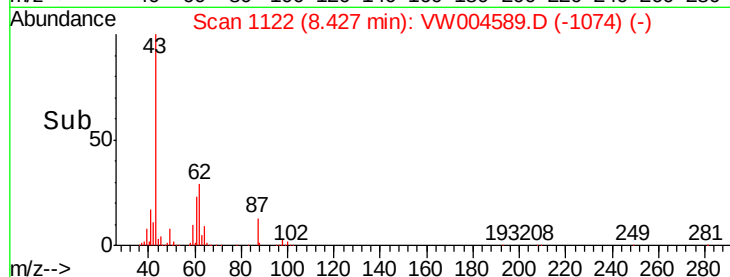
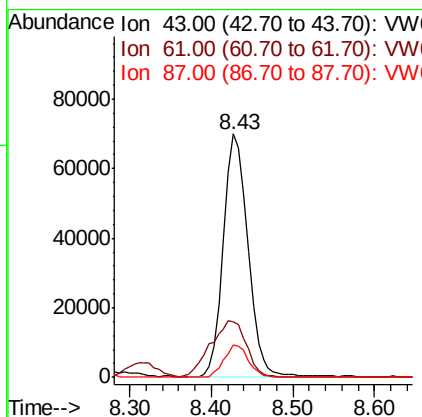
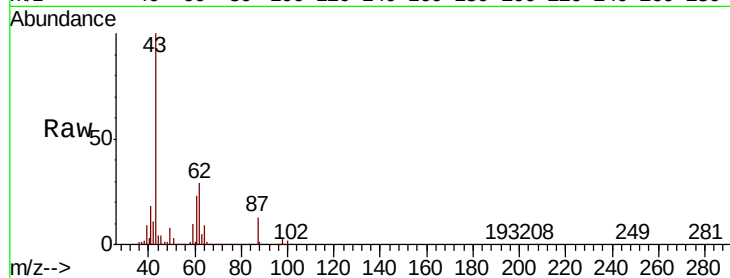
ClientSampleId :

VW0813SBS01

Tot Ion:	43	Resp:	145773
Ion Ratio		Lower	Upper
43	100		
61	33.6	25.2	37.8
87	13.2	10.6	16.0

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#44

Trichloroethene

Concen: 20.27 ug/l

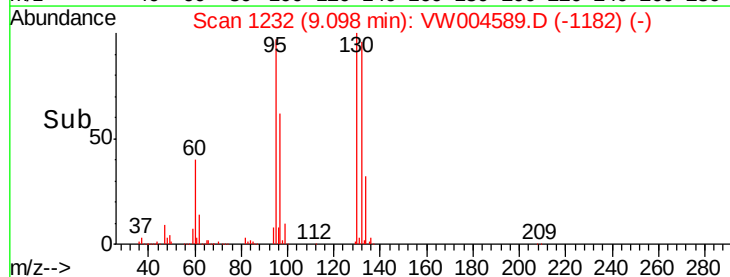
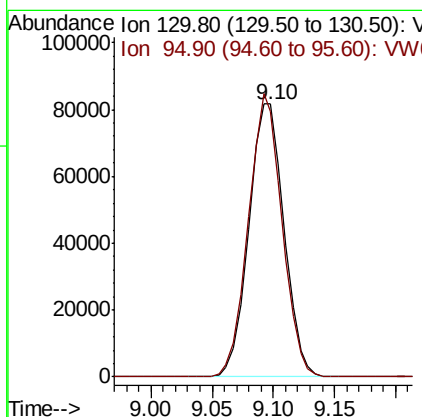
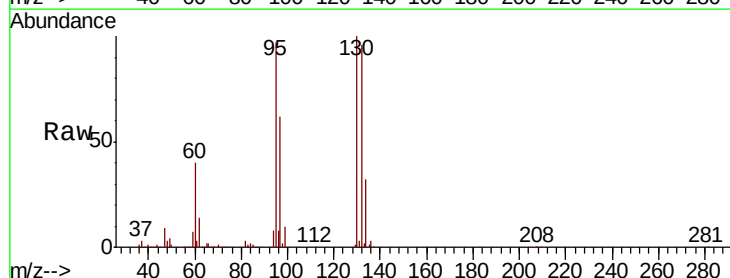
RT: 9.10 min Scan# 1232

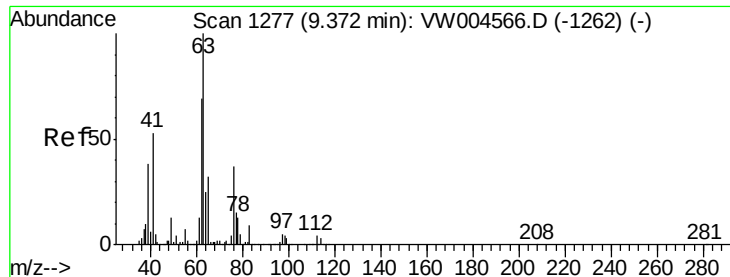
Delta R.T. 0.01 min

Lab File: VW004589.D

Acq: 10 Aug 2018 11:48

Tgt Ion:	130	Resp:	163825
Ion Ratio		Lower	Upper
130	100		
95	97.4	0.0	196.2





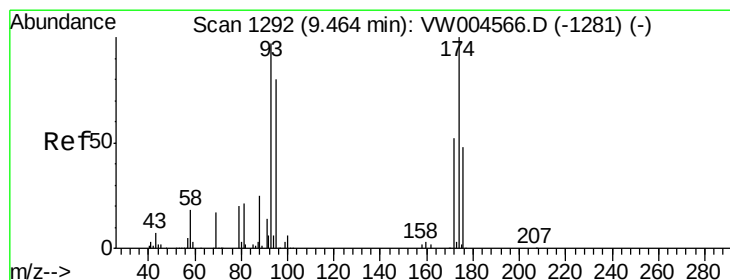
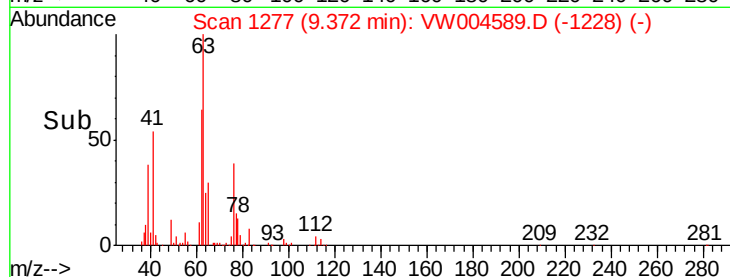
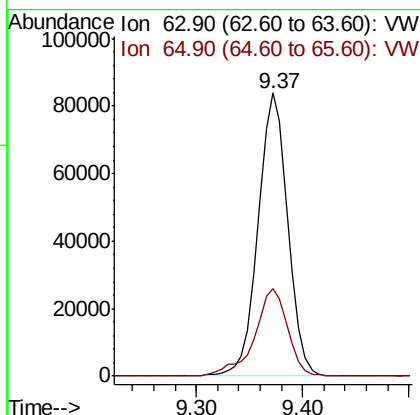
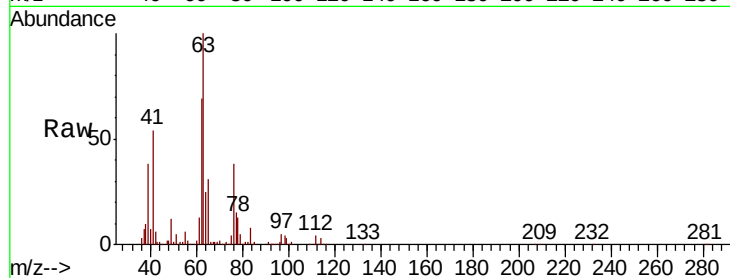
#45
 1,2-Dichloropropane
 Concen: 19.87 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW004589.D
 Acq: 10 Aug 2018 11:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0813SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.6	24.5	36.7

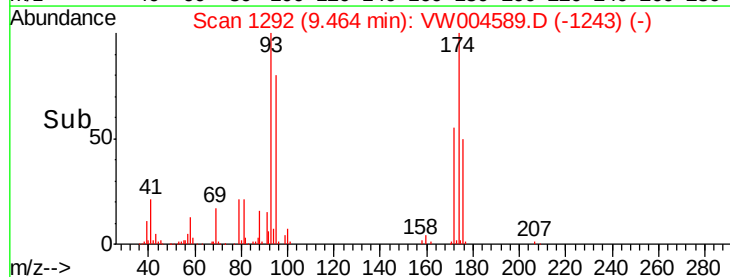
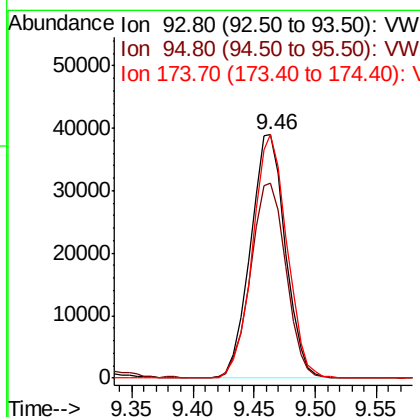
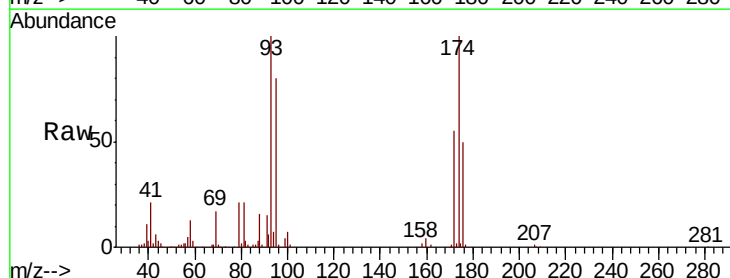
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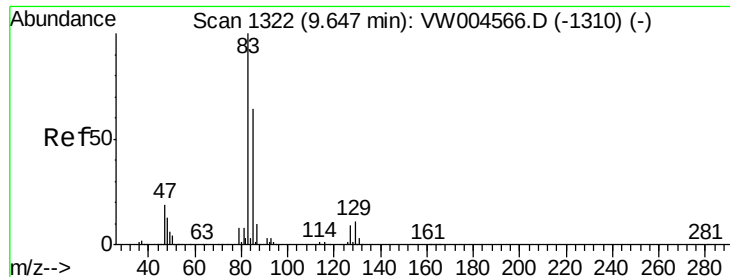
apatel
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#46
 Dibromomethane
 Concen: 18.49 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. 0.00 min
 Lab File: VW004589.D
 Acq: 10 Aug 2018 11:48

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.6	67.0	100.4
174	98.3	80.2	120.4





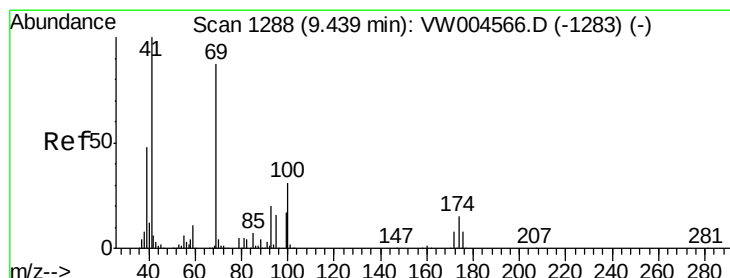
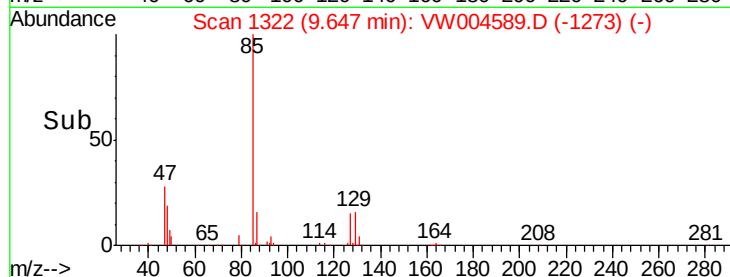
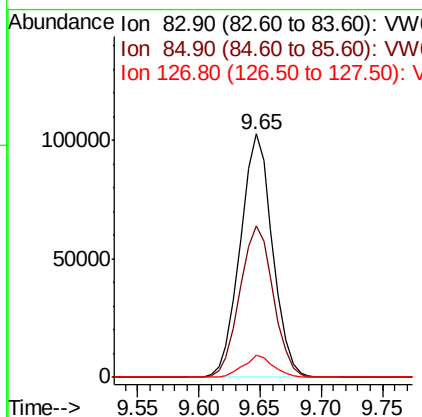
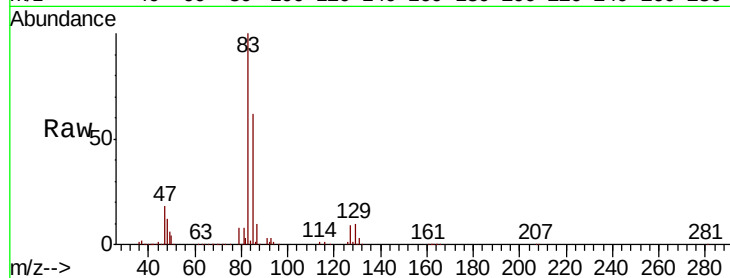
#47
Bromodichloromethane
Concen: 19.00 ug/l
RT: 9.65 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VW004589.D
Acq: 10 Aug 2018 11:48

Instrument :
MSVOA_W
ClientSampled :
VW0813SBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	188068		
85	62.2	50.7	76.1	
127	9.1	6.5	9.7	

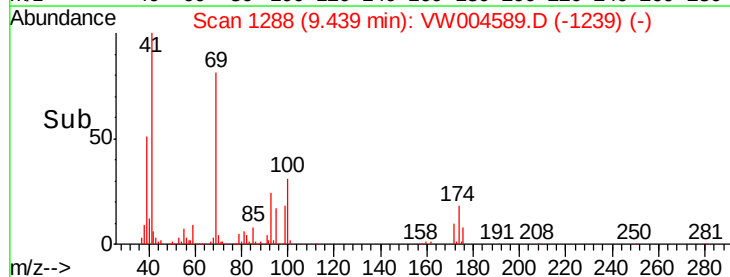
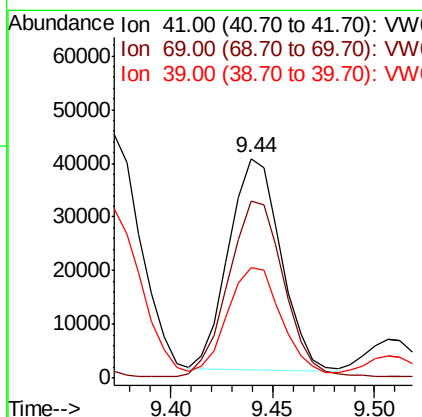
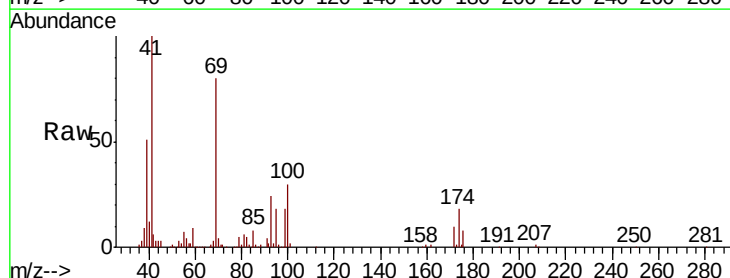
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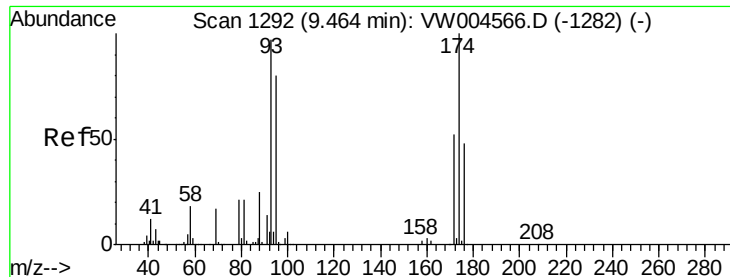
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#48
Methyl methacrylate
Concen: 16.27 ug/l
RT: 9.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VW004589.D
Acq: 10 Aug 2018 11:48

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	69539		
69	89.5	73.2	109.8	
39	51.0	40.6	60.8	





#49

1,4-Dioxane

Concen: 343.32 ug/l

RT: 9.48 min Scan# 1295

Delta R.T. 0.01 min

Lab File: VW004589.D

Acq: 10 Aug 2018 11:48

Instrument :

MSVOA_W

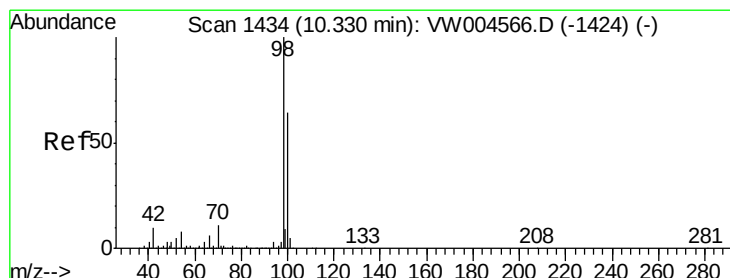
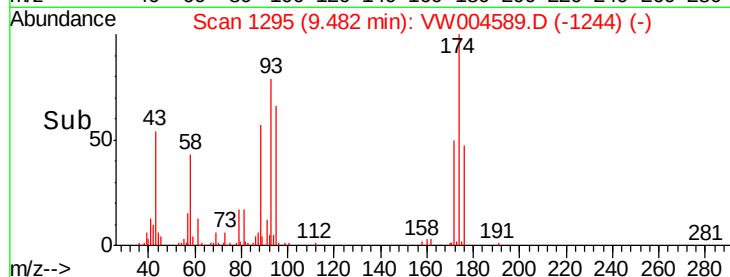
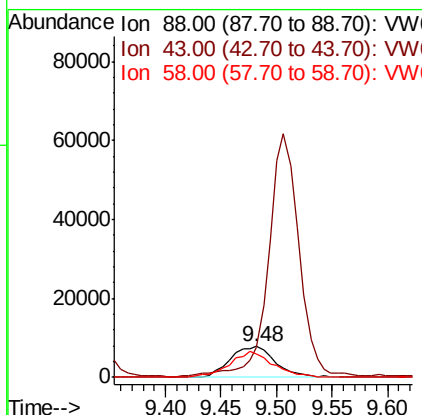
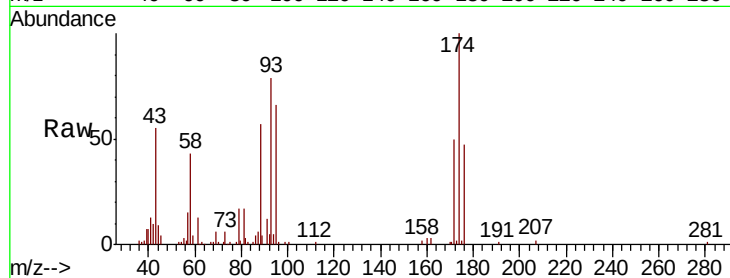
ClientSampleId :

VW0813SBS01

Tot Ion:	88	Resp:	21965
Ion Ratio	Lower	Upper	
88	100		
43	0.0	0.0	0.0
58	82.0	63.5	95.3

Manual Integrations
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#50

Toluene-d8

Concen: 52.90 ug/l

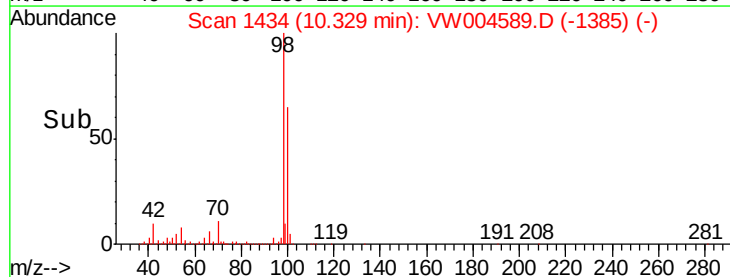
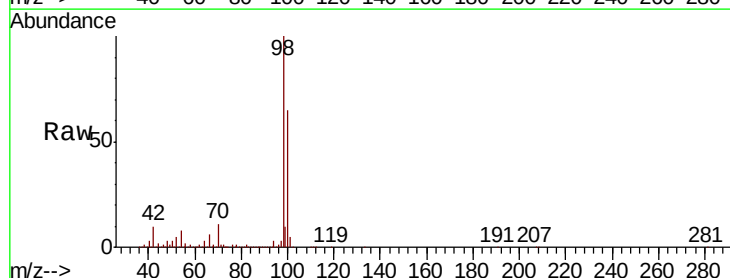
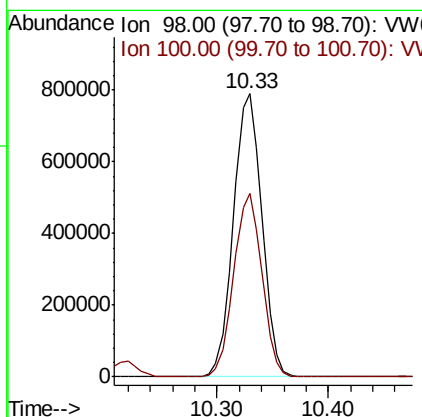
RT: 10.33 min Scan# 1434

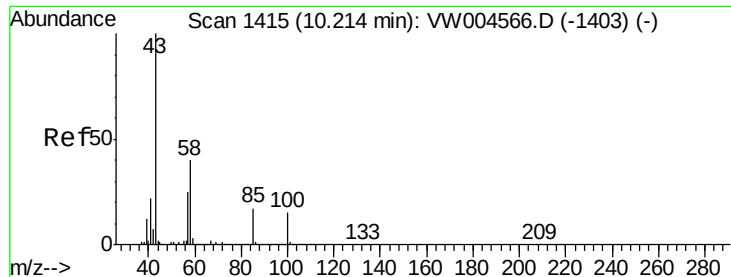
Delta R.T. 0.00 min

Lab File: VW004589.D

Acq: 10 Aug 2018 11:48

Tgt Ion:	98	Resp:	1398917
Ion Ratio	Lower	Upper	
98	100		
100	64.0	51.4	77.2





#51

4-Methyl-2-Pentanone

Concen: 79.54 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. 0.00 min

Lab File: VW004589.D

Acq: 10 Aug 2018 11:48

Instrument :

MSVOA_W

ClientSampled :

VW0813SBS01

Tot Ion: 43 Resp: 506305

Ion Ratio Lower Upper

43 100

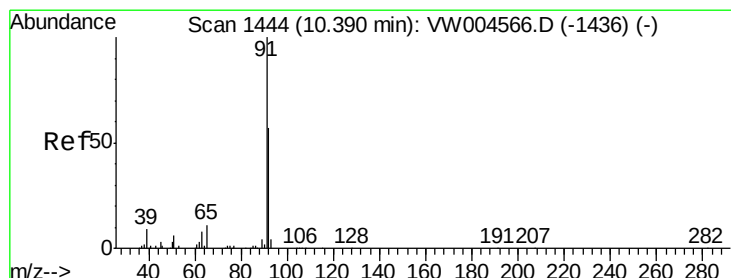
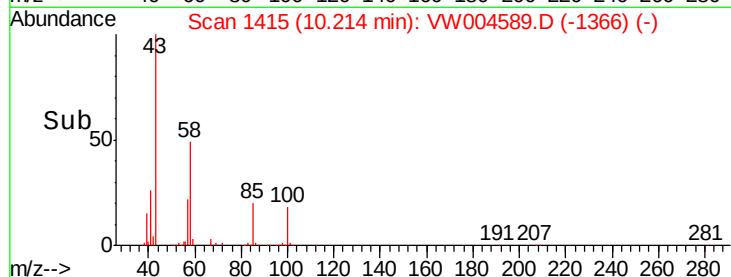
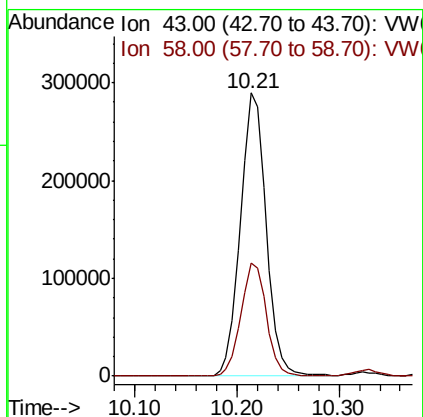
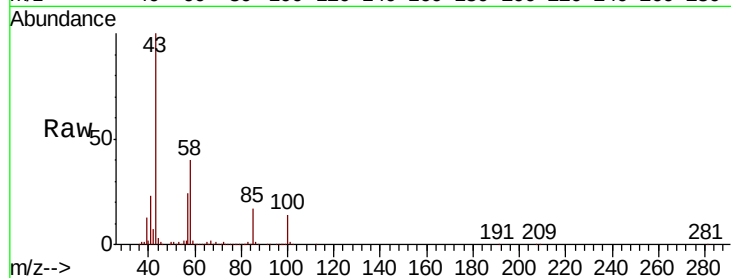
58 39.7 31.9 47.9

Manual Integrations

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#52

Toluene

Concen: 21.03 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW004589.D

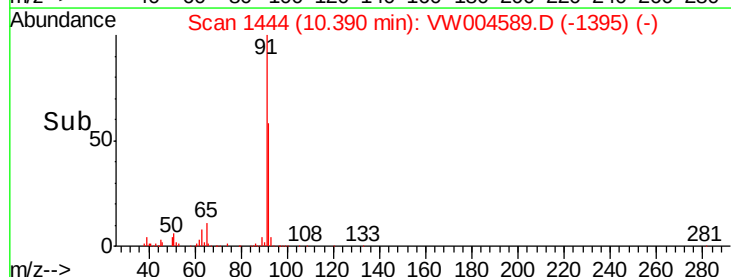
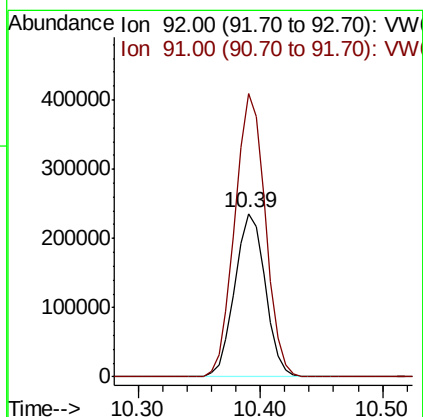
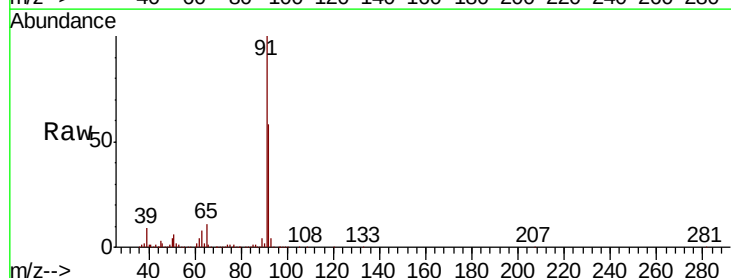
Acq: 10 Aug 2018 11:48

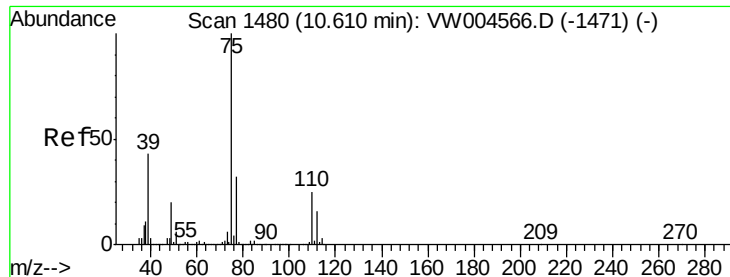
Tgt Ion: 92 Resp: 407924

Ion Ratio Lower Upper

92 100

91 173.0 137.9 206.9





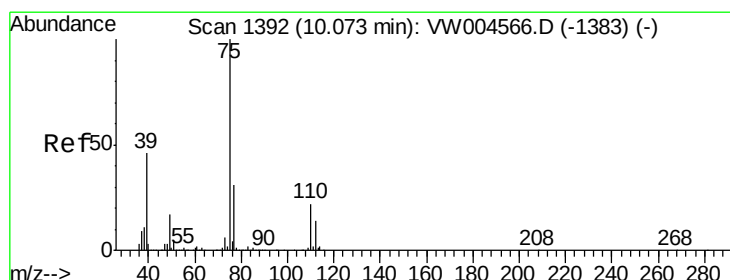
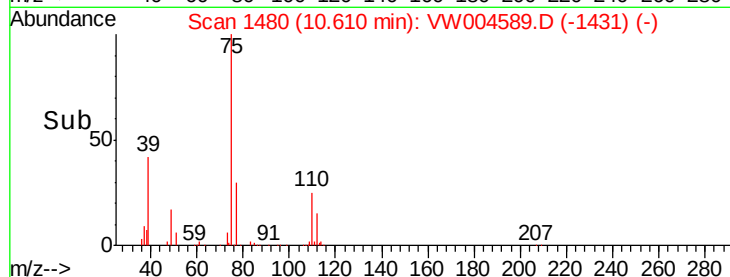
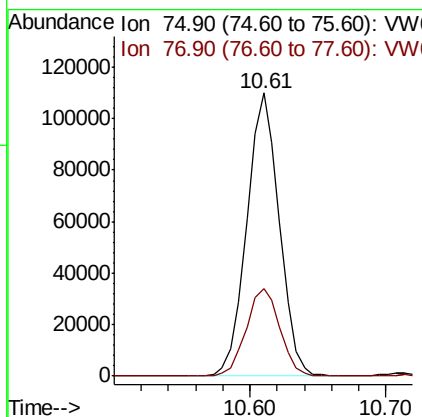
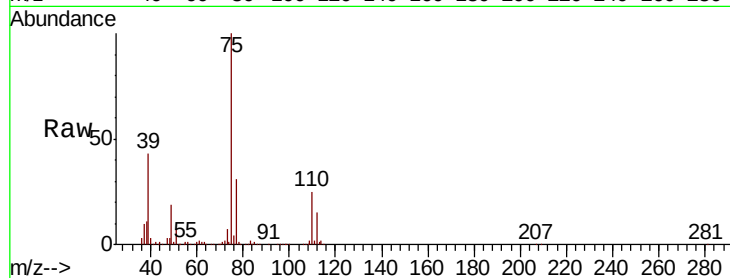
#53
t-1,3-Dichloropropene
Concen: 18.46 ug/l
RT: 10.61 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VW004589.D
Acq: 10 Aug 2018 11:48

Instrument :
MSVOA_W
ClientSampled :
VW0813SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.6	25.1	37.7

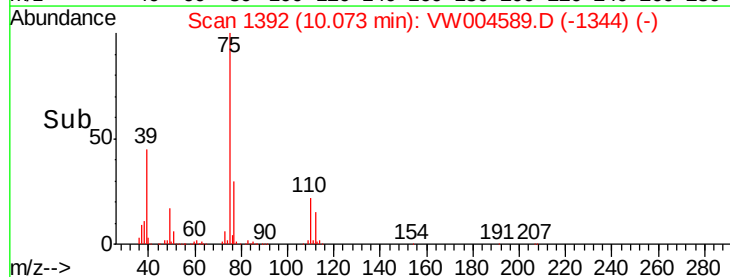
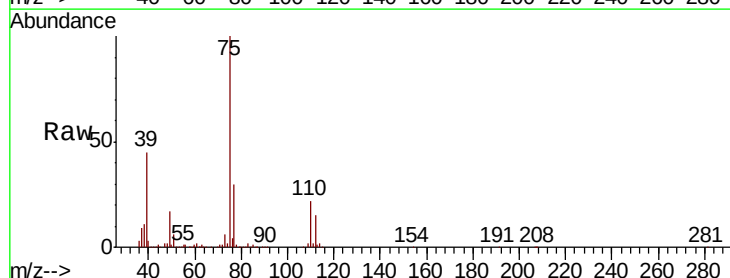
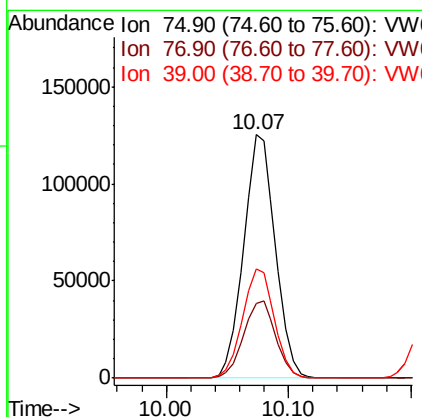
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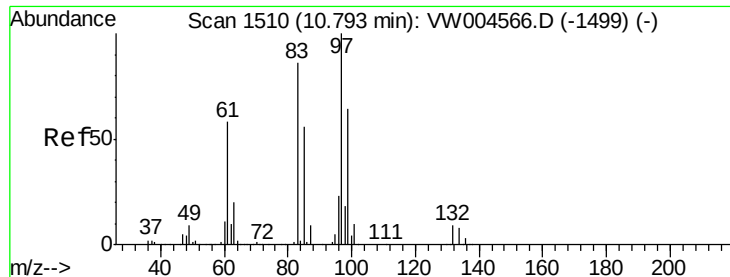
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#54
cis-1,3-Dichloropropene
Concen: 19.42 ug/l
RT: 10.07 min Scan# 1392
Delta R.T. -0.01 min
Lab File: VW004589.D
Acq: 10 Aug 2018 11:48

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.4	25.3	37.9
39	44.7	34.5	51.7





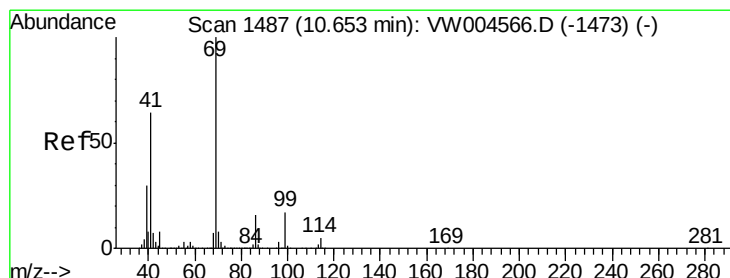
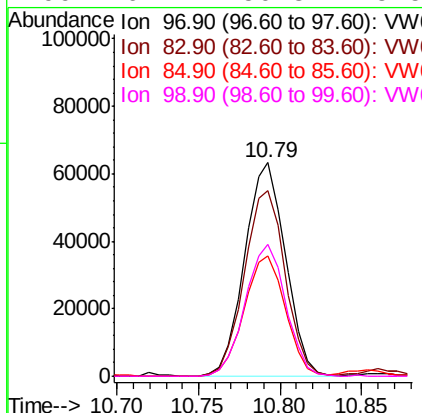
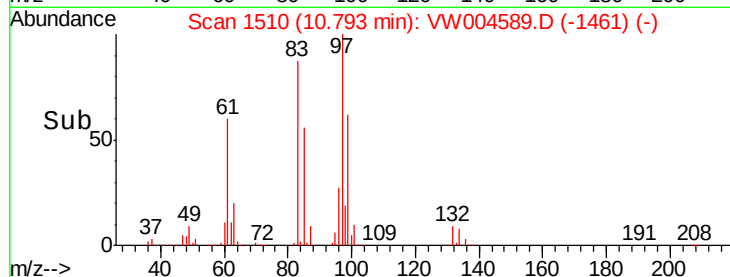
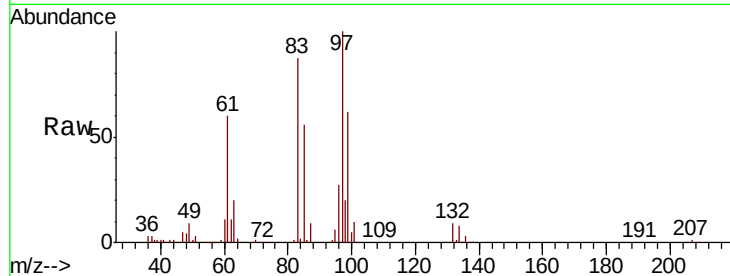
#55
 1,1,2-Trichloroethane
 Concen: 18.28 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW004589.D
 Acq: 10 Aug 2018 11:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0813SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		109856		
83	86.9	69.8	104.8		
85	56.4	45.1	67.7		
99	62.2	50.3	75.5		

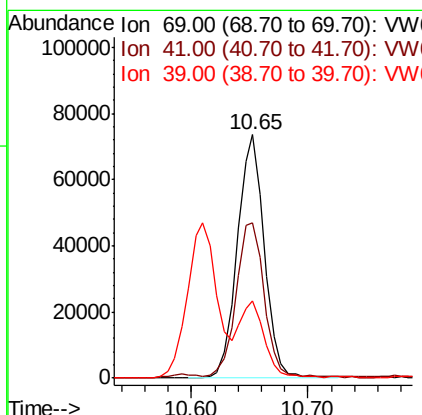
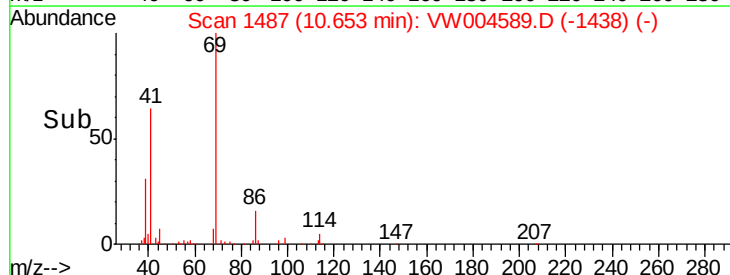
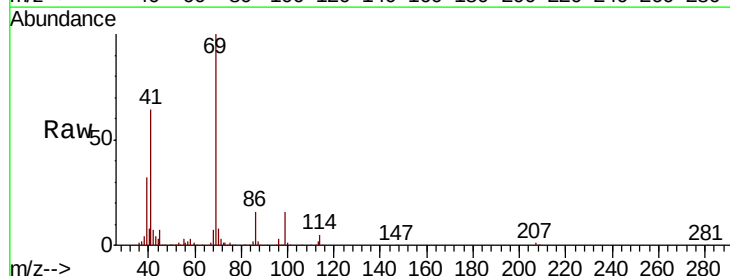
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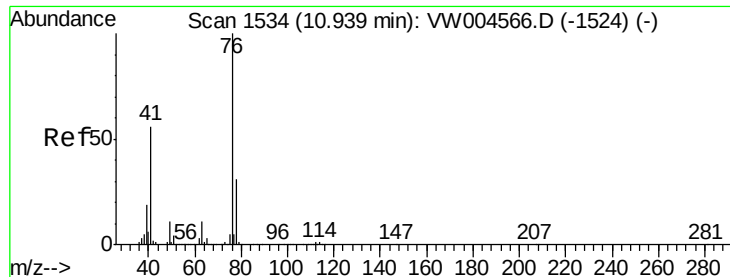
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#56
 Ethyl methacrylate
 Concen: 16.47 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW004589.D
 Acq: 10 Aug 2018 11:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		118493		
41	66.7	52.4	78.6		
39	28.9	22.7	34.1		





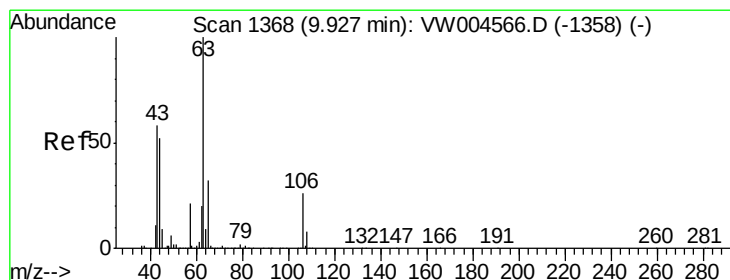
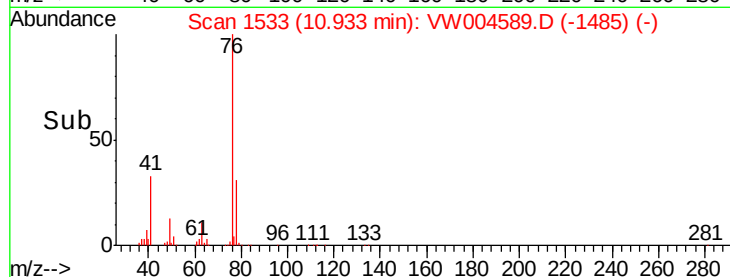
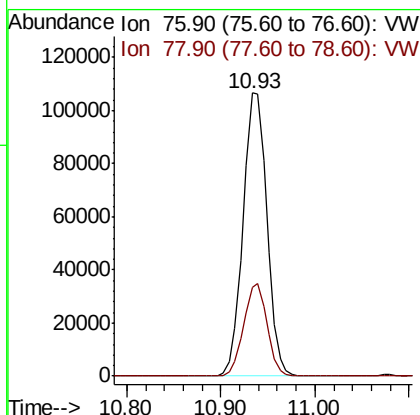
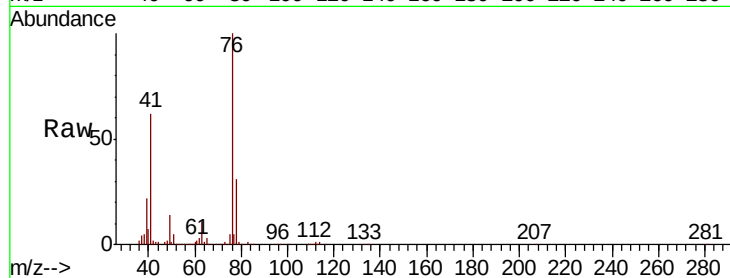
#57
 1,3-Dichloropropane
 Concen: 18.29 ug/l
 RT: 10.93 min Scan# 1533
 Delta R.T. -0.01 min
 Lab File: VW004589.D
 Acq: 10 Aug 2018 11:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0813SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.0	25.7	38.5

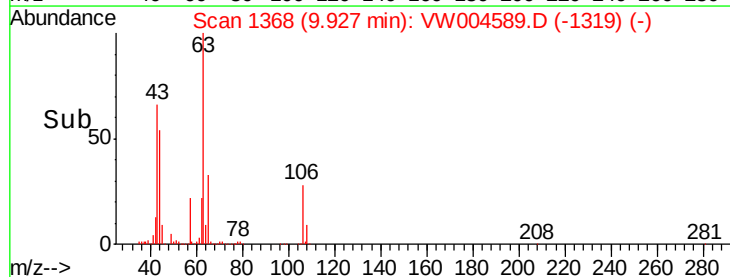
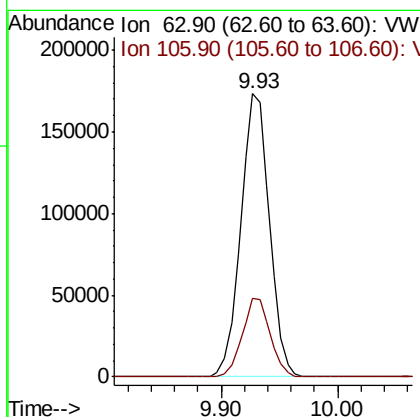
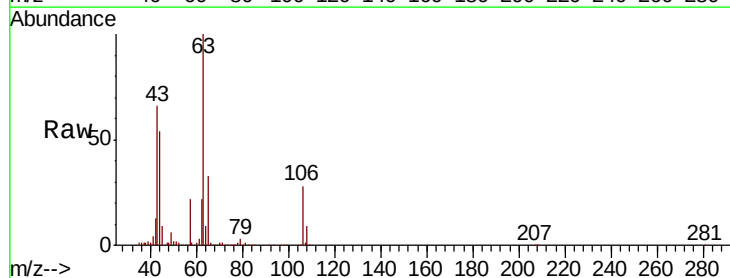
Manual Integrations
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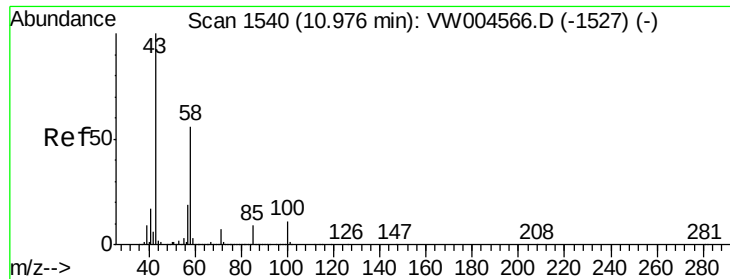
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#58
 2-Chloroethyl Vinyl ether
 Concen: 83.92 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VW004589.D
 Acq: 10 Aug 2018 11:48

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.0	21.3	31.9





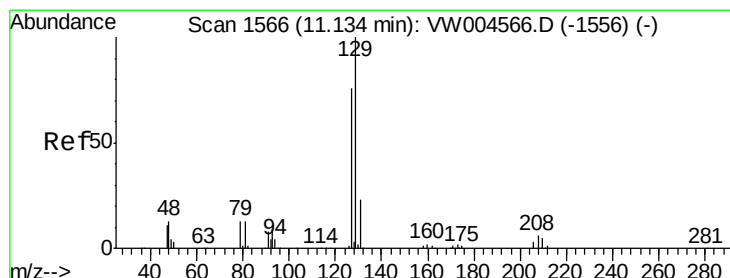
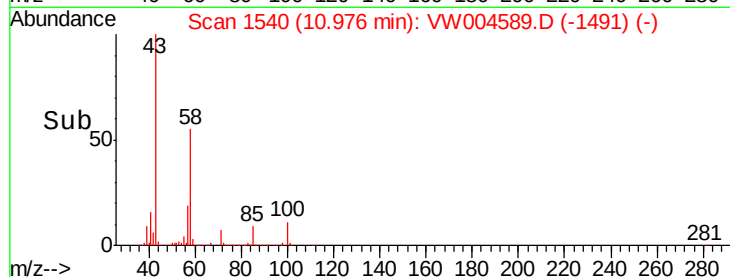
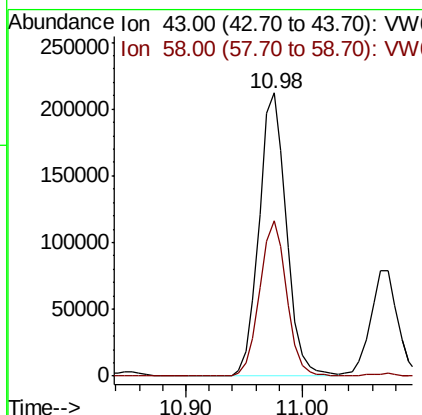
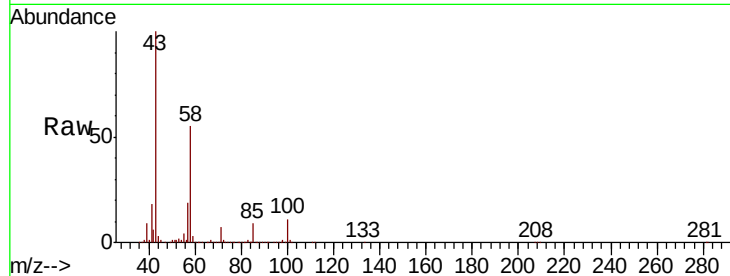
#59
2-Hexanone
Concen: 80.59 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW004589.D
Acq: 10 Aug 2018 11:48

Instrument :
MSVOA_W
ClientSampleId :
VW0813SBS01

Tot Ion: 43 Resp: 347800
Ion Ratio Lower Upper
43 100
58 54.1 27.9 83.6

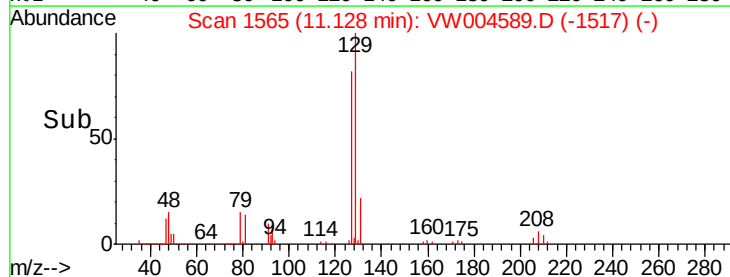
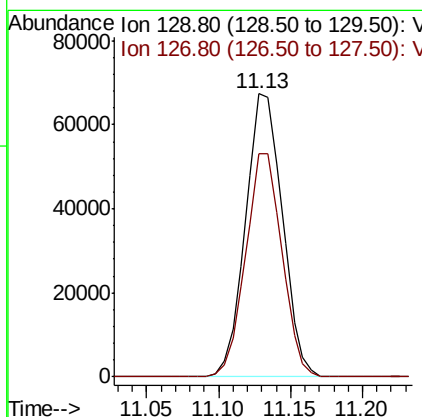
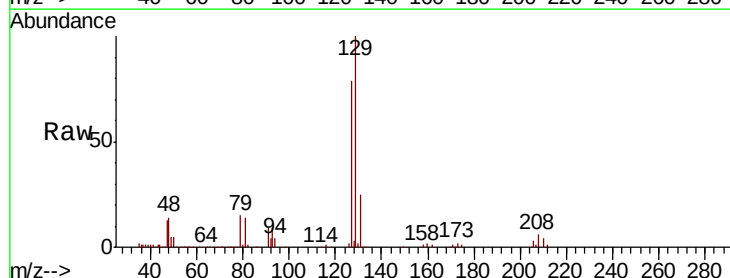
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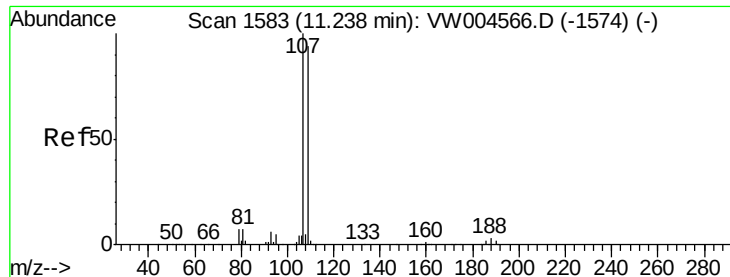
apatel
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#60
Dibromochloromethane
Concen: 18.24 ug/l
RT: 11.13 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VW004589.D
Acq: 10 Aug 2018 11:48

Tgt Ion: 129 Resp: 119260
Ion Ratio Lower Upper
129 100
127 77.9 38.6 115.8





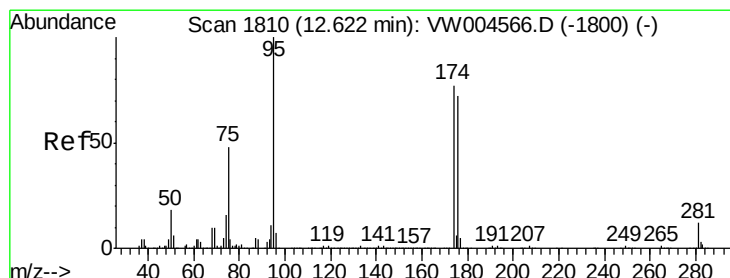
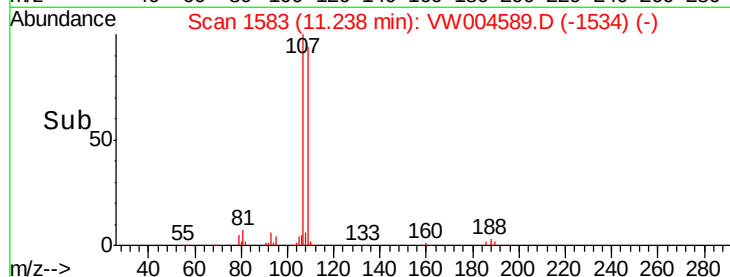
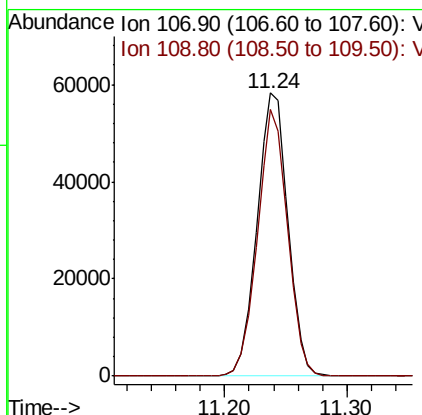
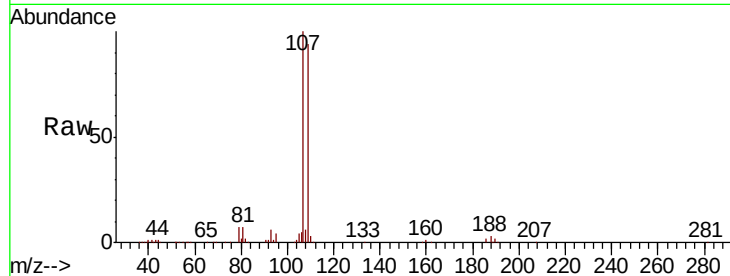
#61
 1,2-Dibromoethane
 Concen: 18.12 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW004589.D
 Acq: 10 Aug 2018 11:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0813SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.0	75.7	113.5

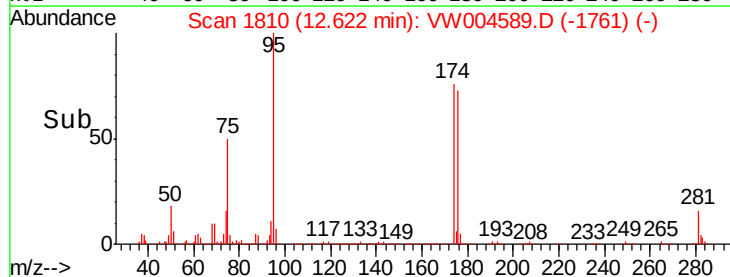
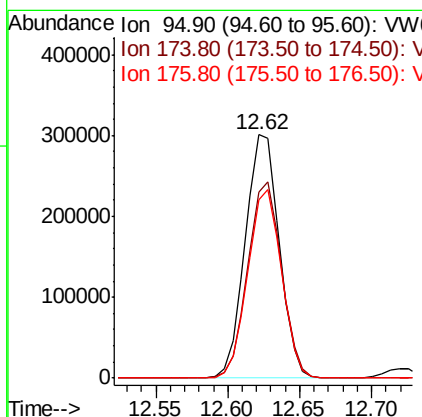
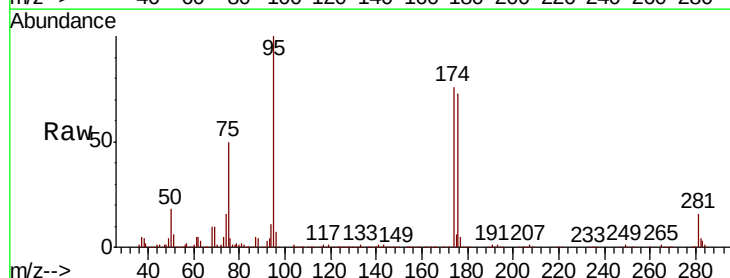
Manual Integrations
 APPROVED

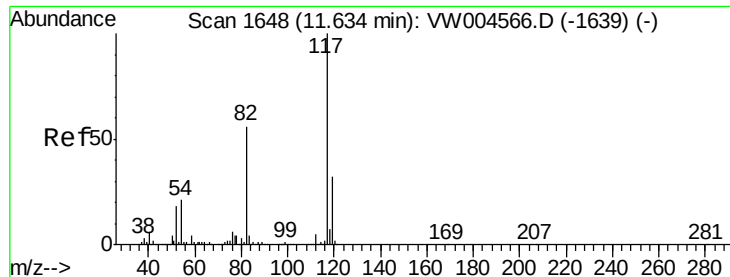
apatel
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#62
 4-Bromofluorobenzene
 Concen: 51.60 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VW004589.D
 Acq: 10 Aug 2018 11:48

Tgt Ion	Ratio	Lower	Upper
95	100		
174	79.9	0.0	160.4
176	76.9	0.0	153.2





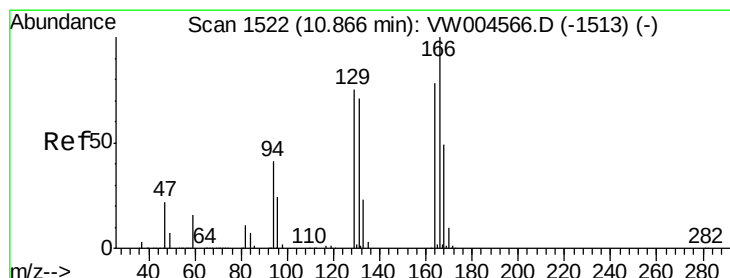
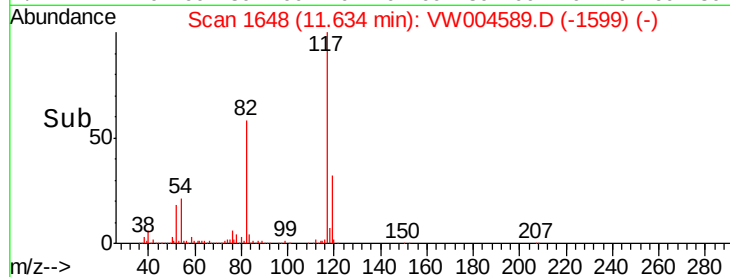
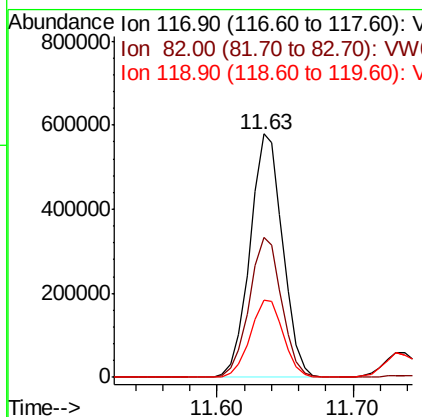
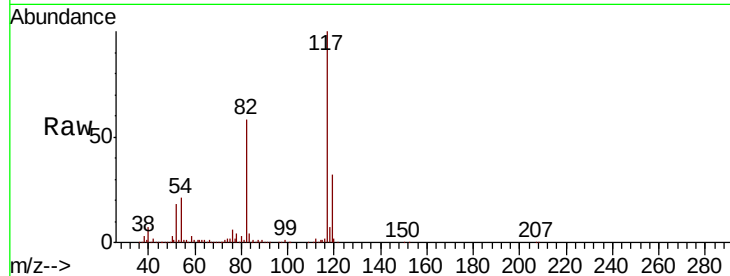
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004589.D
Acq: 10 Aug 2018 11:48

Instrument :
MSVOA_W
ClientSampleId :
VW0813SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	976095		
82	57.6	45.3	67.9	
119	32.0	26.2	39.4	

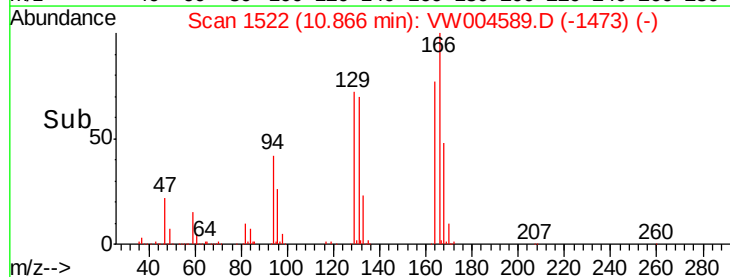
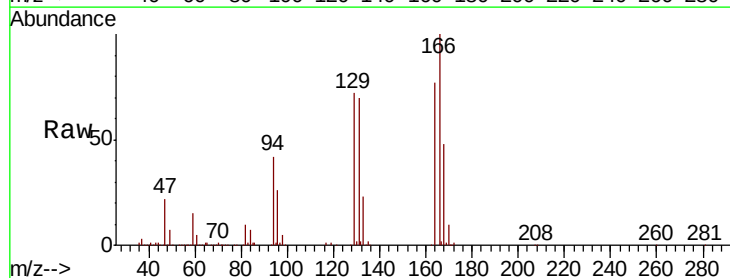
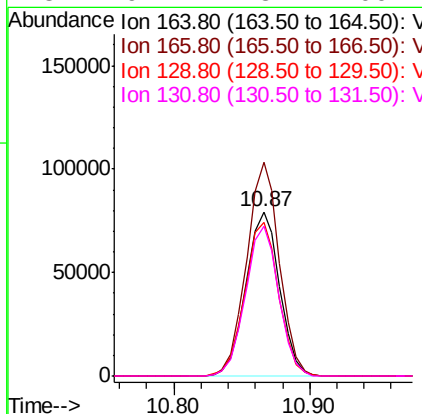
Manual Integrations
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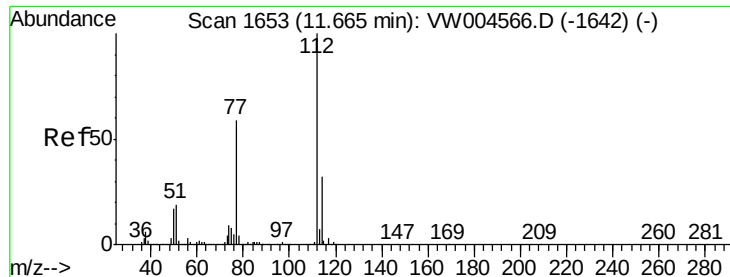
apatel
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#64
Tetrachloroethene
Concen: 20.11 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW004589.D
Acq: 10 Aug 2018 11:48

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	136954		
166	130.4	98.4	147.6	
129	93.8	73.6	110.4	
131	91.2	73.1	109.7	





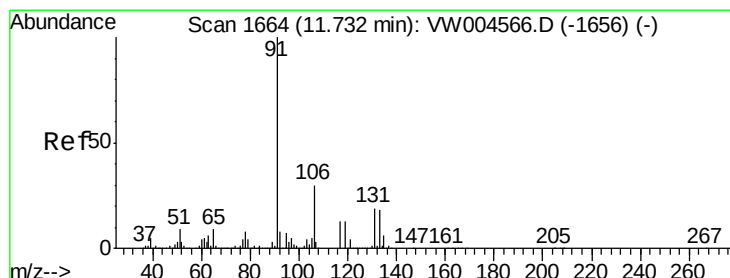
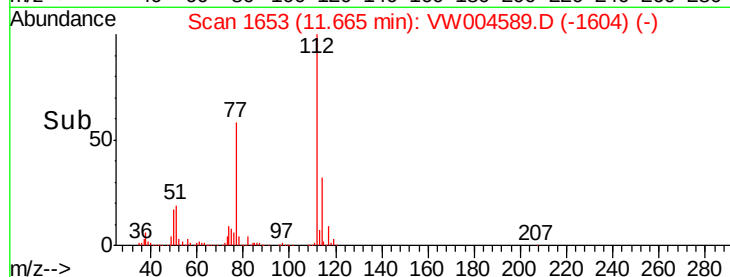
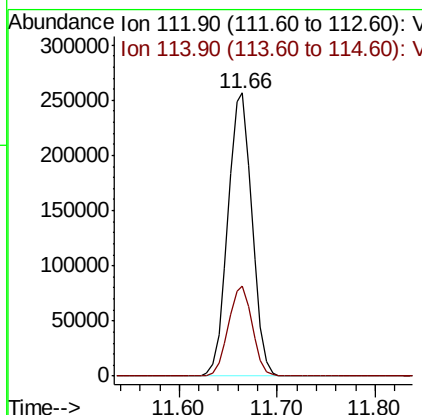
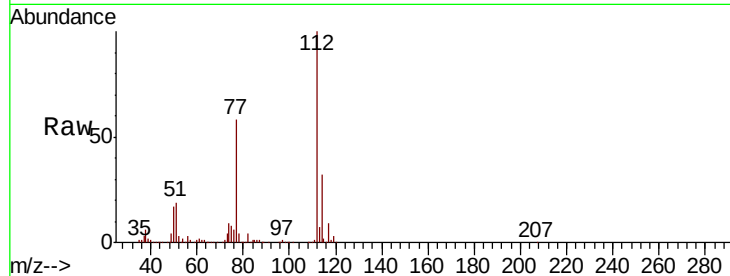
#65
Chlorobenzene
Concen: 20.35 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VW004589.D
Acq: 10 Aug 2018 11:48

Instrument :
MSVOA_W
ClientSampleId :
VW0813SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.8	26.0	39.0

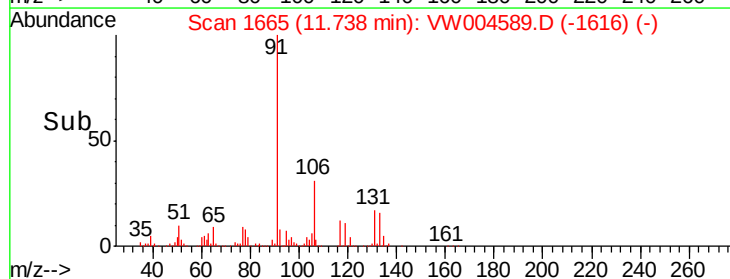
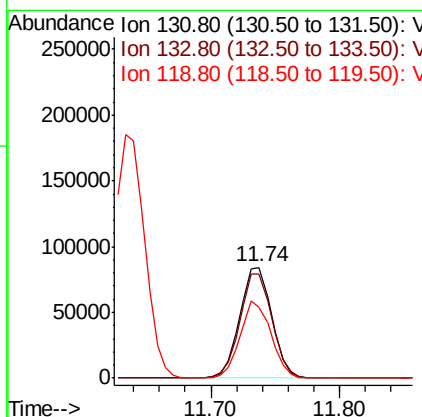
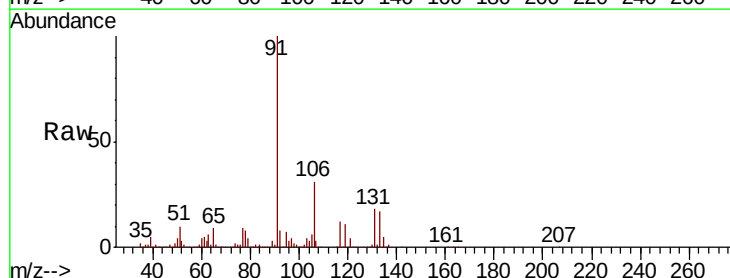
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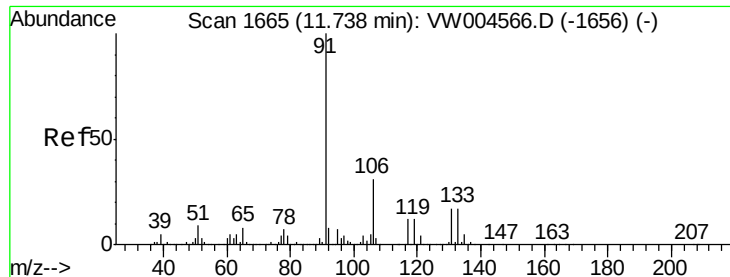
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.68 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW004589.D
Acq: 10 Aug 2018 11:48

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.6	48.1	144.4
119	67.3	33.9	101.7





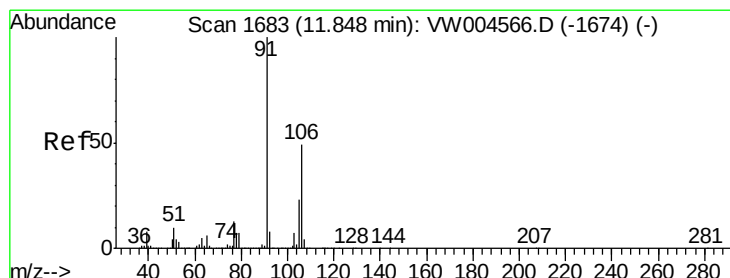
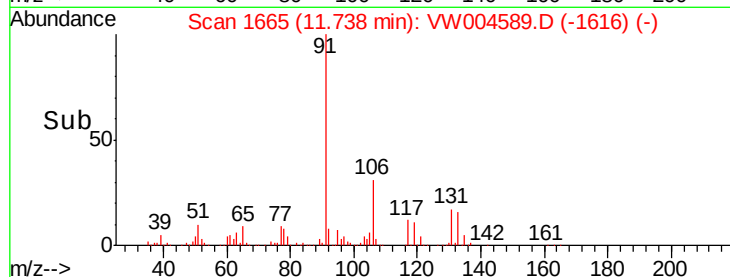
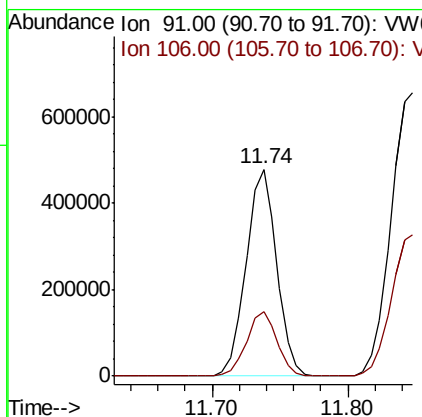
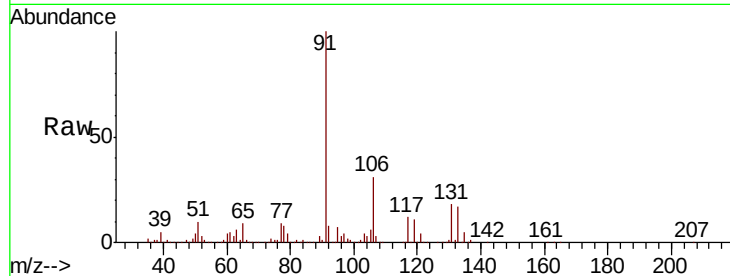
#67
Ethyl Benzene
Concen: 20.68 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW004589.D
Acq: 10 Aug 2018 11:48

Instrument :
MSVOA_W
ClientSampled :
VW0813SBS01

Tot Ion: 91 Resp: 754072
Ion Ratio Lower Upper
91 100
106 31.2 24.2 36.2

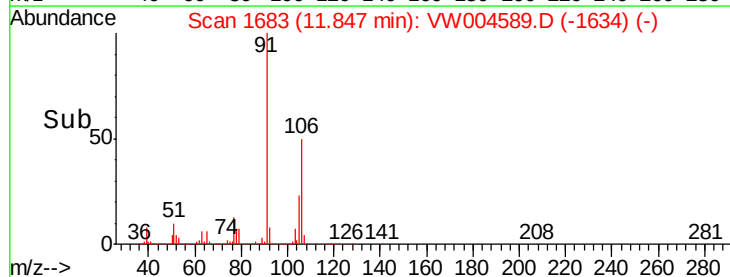
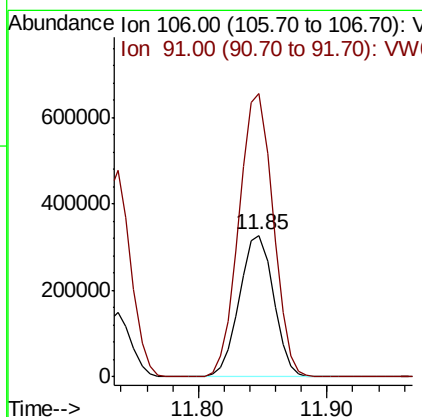
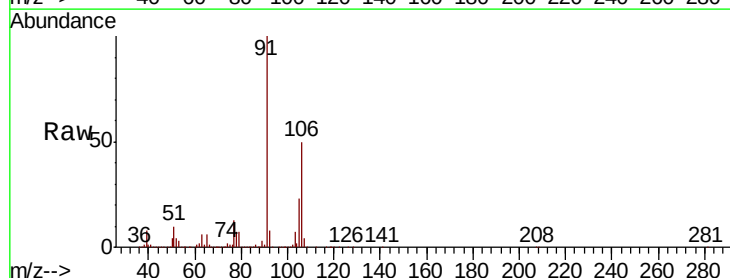
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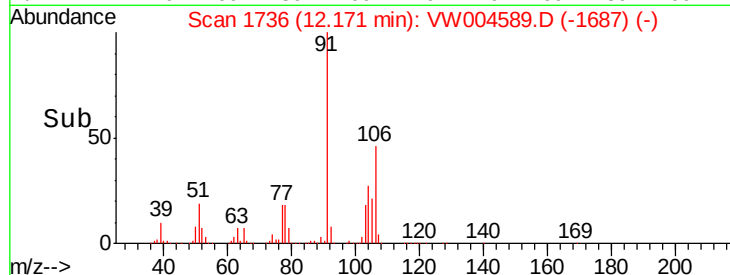
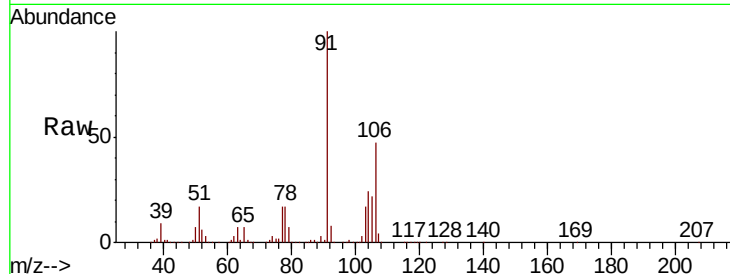
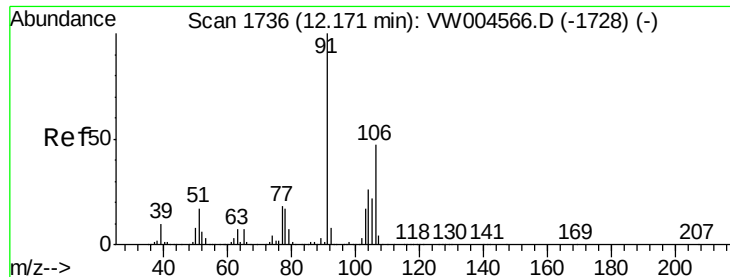
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#68
m/p-Xylenes
Concen: 42.78 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW004589.D
Acq: 10 Aug 2018 11:48

Tgt Ion: 106 Resp: 602935
Ion Ratio Lower Upper
106 100
91 200.2 162.8 244.2





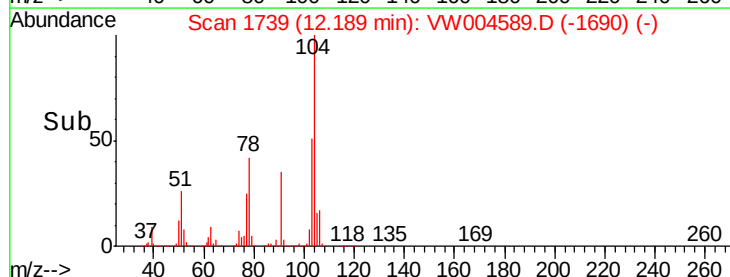
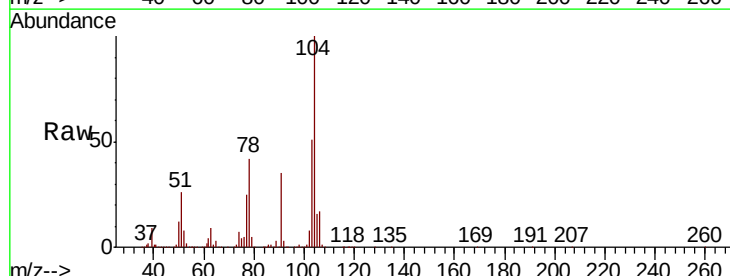
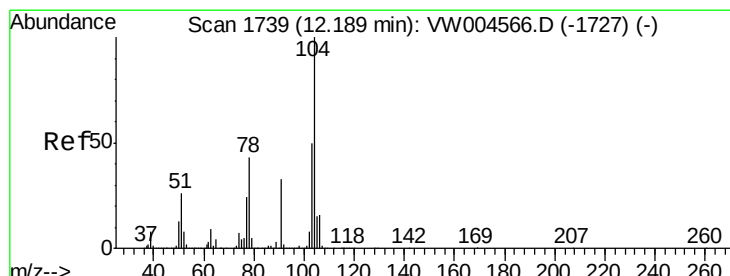
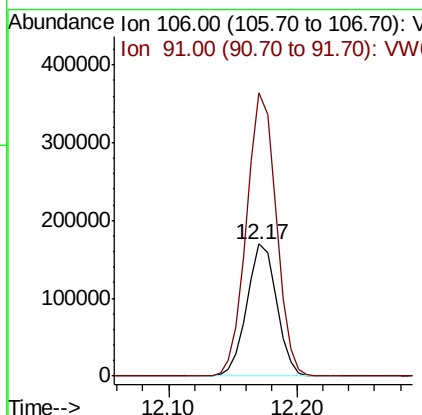
#69
o-Xylene
Concen: 20.69 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW004589.D
Acq: 10 Aug 2018 11:48

Instrument :
MSVOA_W
ClientSampled :
VW0813SBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	214.1	106.7	320.2

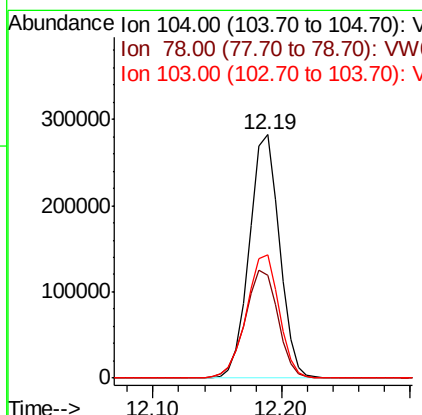
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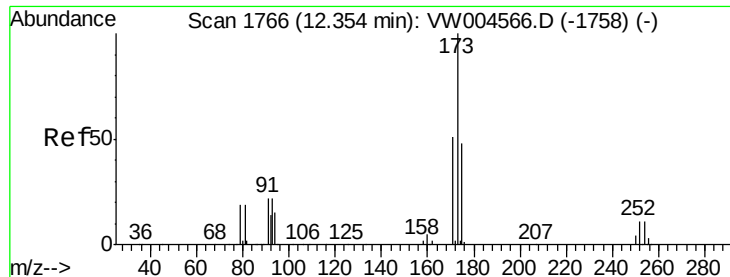
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#70
Styrene
Concen: 20.58 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW004589.D
Acq: 10 Aug 2018 11:48

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.1	39.0	58.4
103	55.2	44.2	66.2





#71

Bromoform

Concen: 17.19 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW004589.D

Acq: 10 Aug 2018 11:48

Instrument :

MSVOA_W

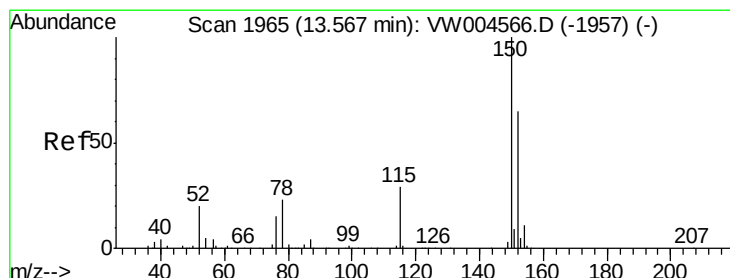
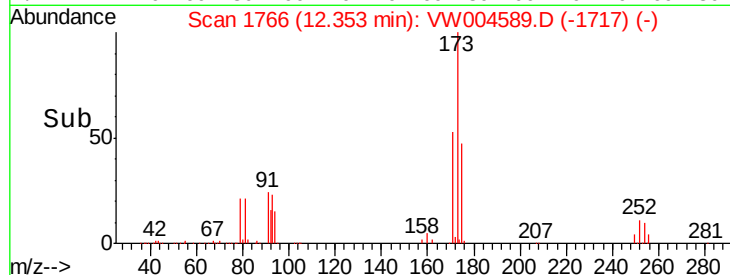
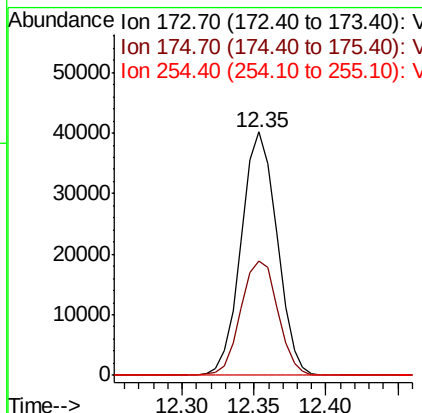
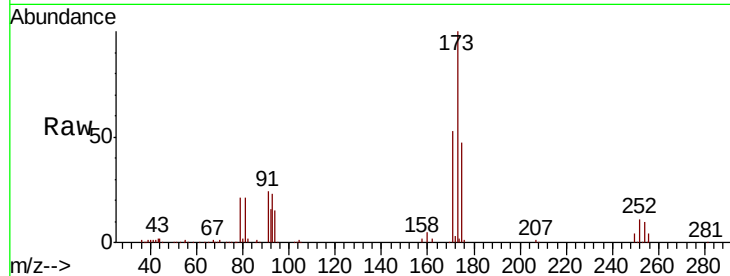
ClientSampleId :

VW0813SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.5	24.5	73.5
254	0.2	0.2	0.2

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

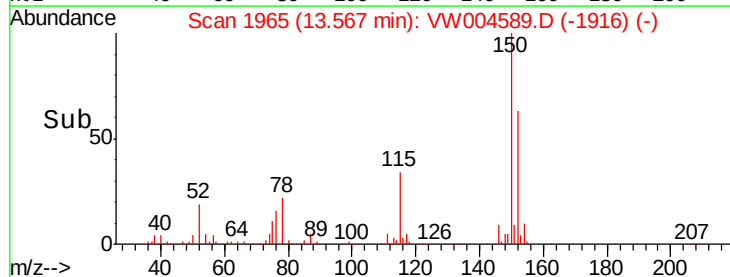
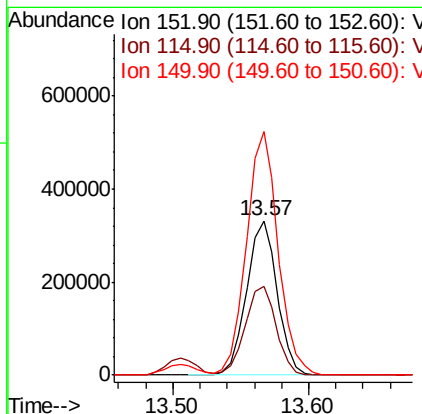
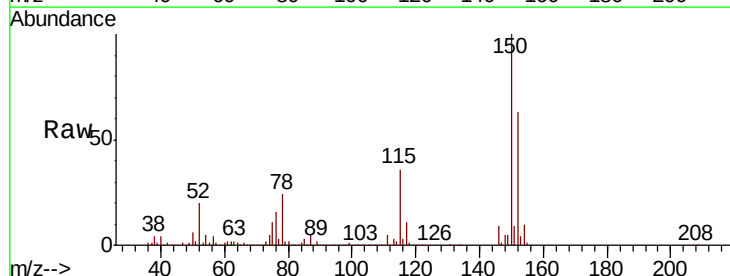
RT: 13.57 min Scan# 1965

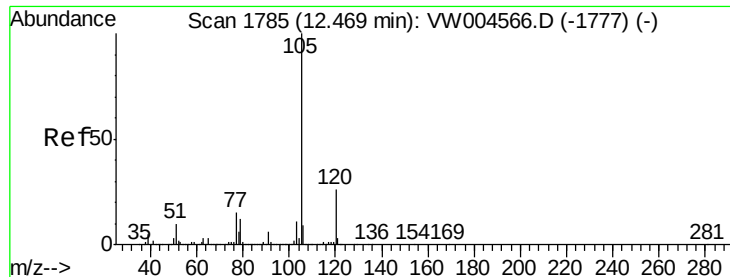
Delta R.T. 0.00 min

Lab File: VW004589.D

Acq: 10 Aug 2018 11:48

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.6	29.1	87.3
150	164.0	0.0	349.6





#73

Isopropylbenzene

Concen: 20.93 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW004589.D

Acq: 10 Aug 2018 11:48

Instrument :

MSVOA_W

ClientSampled :

VW0813SBS01

Tot Ion: 105 Resp: 751507

Ion Ratio Lower Upper

105 100

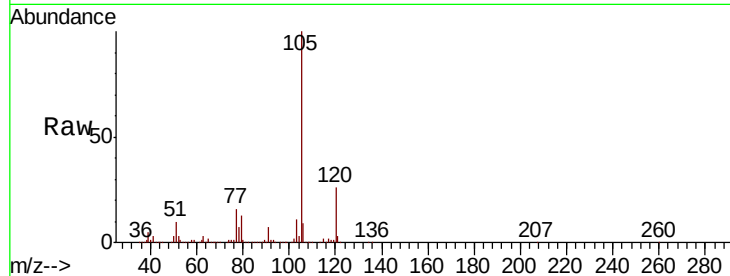
120 26.2 13.2 39.6

Manual Integrations

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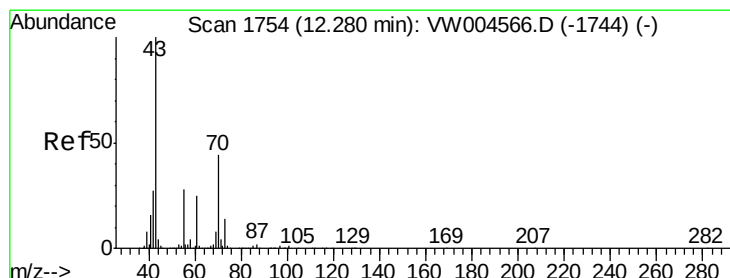
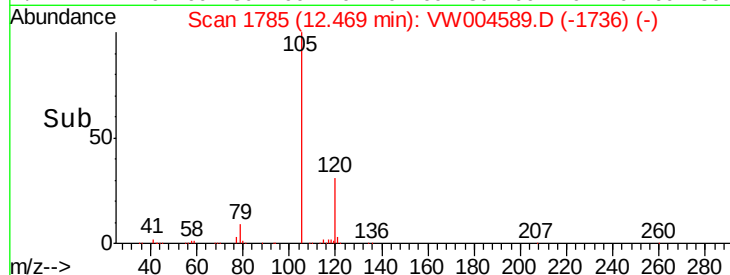
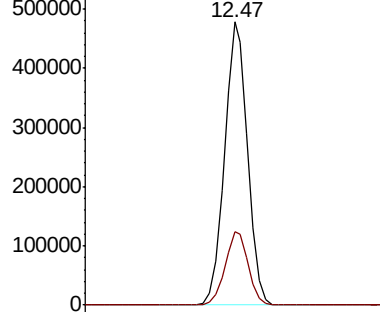
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 16.02 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW004589.D

Acq: 10 Aug 2018 11:48

Tgt Ion: 43 Resp: 139459

Ion Ratio Lower Upper

43 100

70 44.5 35.3 52.9

55 31.2 22.9 34.3

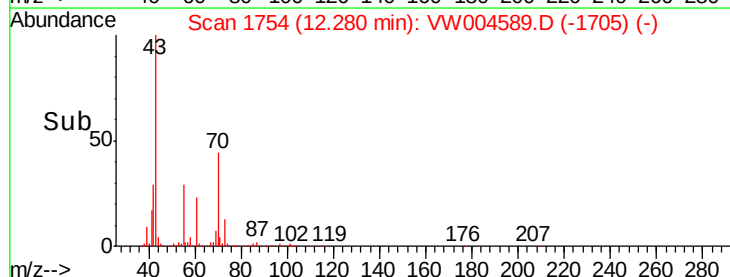
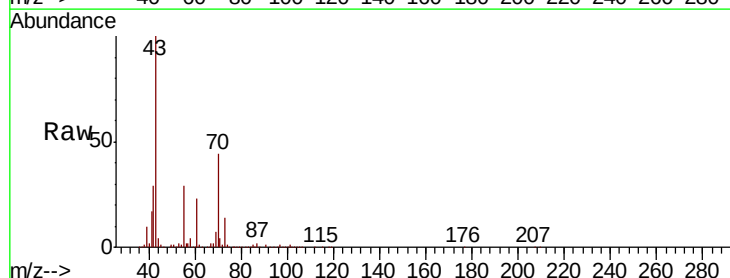
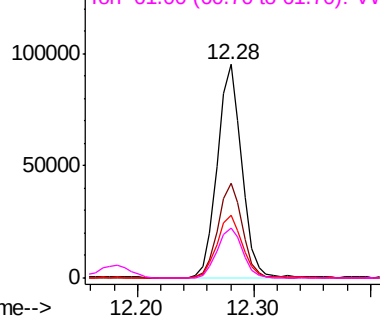
61 24.3 19.7 29.5

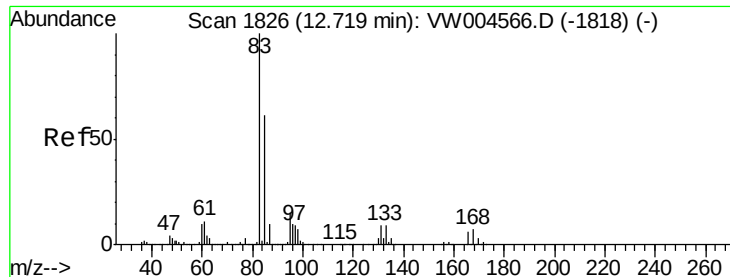
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 17.56 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW004589.D

Acq: 10 Aug 2018 11:48

Instrument :

MSVOA_W

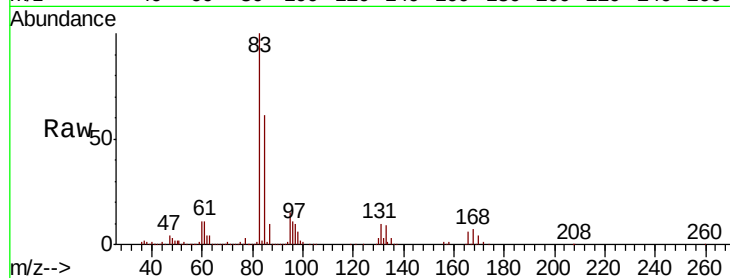
ClientSampled :

VW0813SBS01

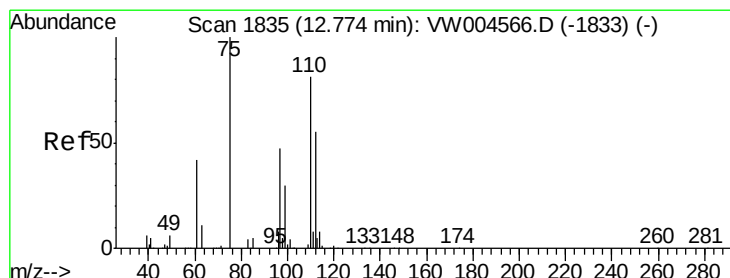
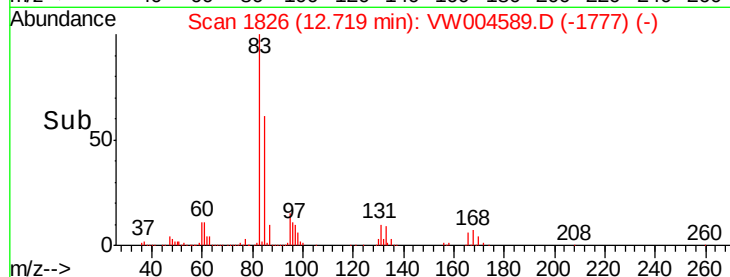
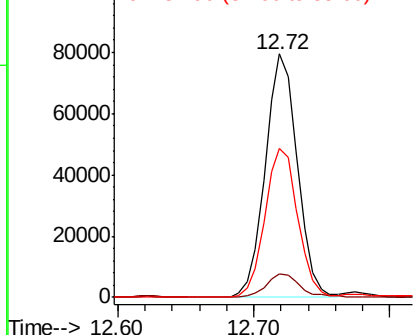
Tot Ion:	83	Resp:	131575
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.0	15.0
85	62.6	31.8	95.4

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Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 19.07 ug/l m

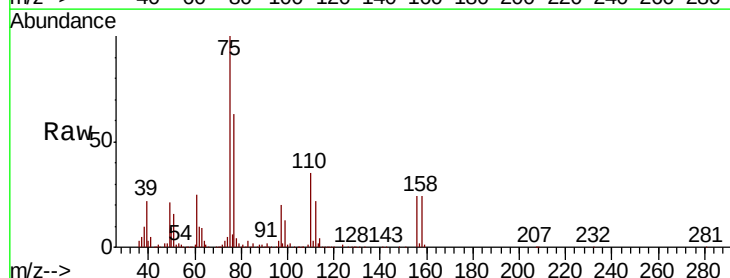
RT: 12.77 min Scan# 1835

Delta R.T. 0.00 min

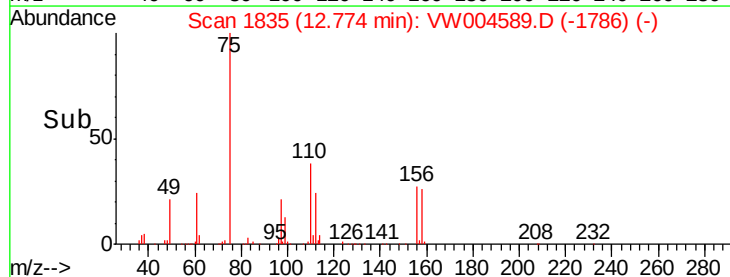
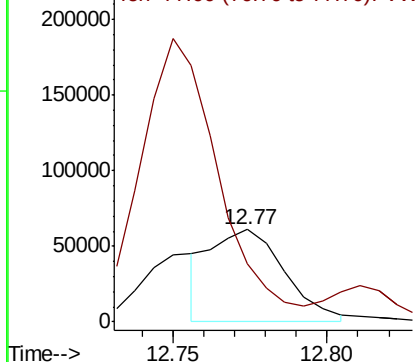
Lab File: VW004589.D

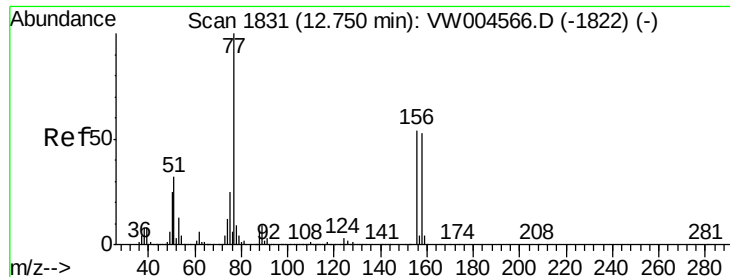
Acq: 10 Aug 2018 11:48

Tgt Ion:	75	Resp:	102446
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 20.00 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VW004589.D

Acq: 10 Aug 2018 11:48

Instrument :

MSVOA_W

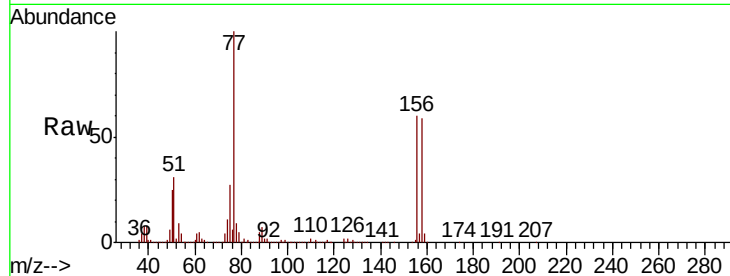
ClientSampled :

VW0813SBS01

Tot Ion:	156	Resp:	173717
Ion Ratio	Lower	Upper	
156	100		
77	193.8	98.7	296.1
158	98.4	48.7	146.1

Manual Integrations
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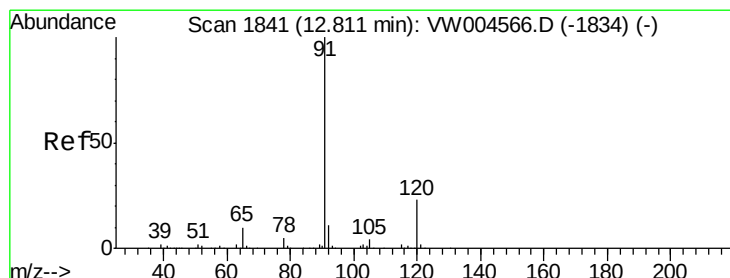
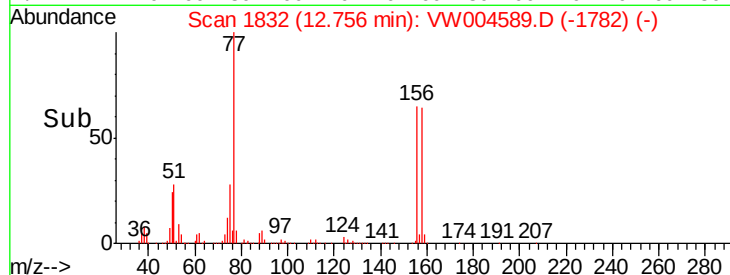
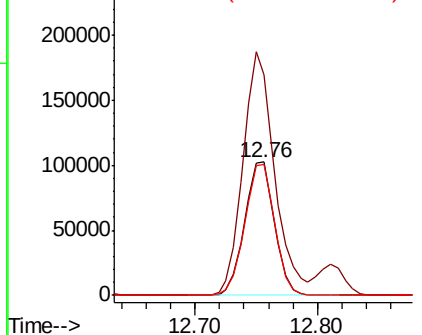
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.54 ug/l

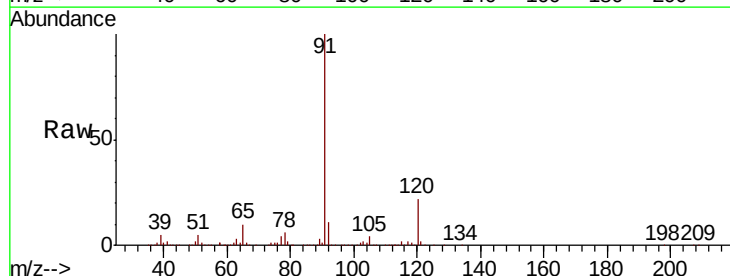
RT: 12.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VW004589.D

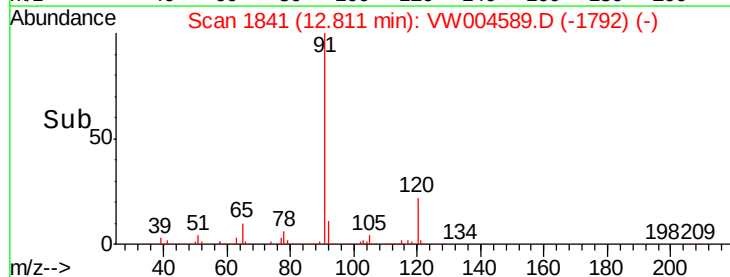
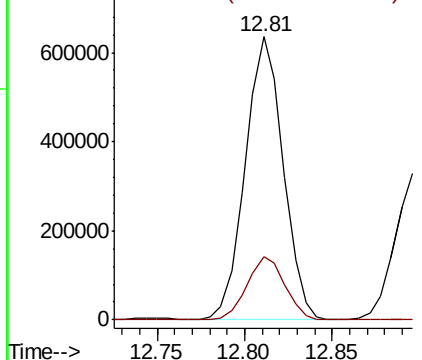
Acq: 10 Aug 2018 11:48

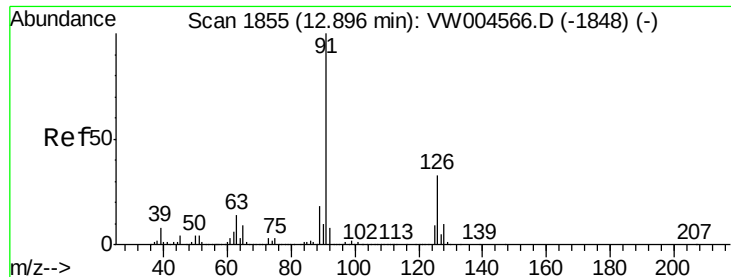
Tgt Ion:	91	Resp:	954437
Ion Ratio	Lower	Upper	
91	100		
120	22.4	11.3	33.9



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.13 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW004589.D

Acq: 10 Aug 2018 11:48

Instrument :

MSVOA_W

ClientSampleId :

VW0813SBS01

Tot Ion: 91 Resp: 541838

Ion Ratio Lower Upper

91 100

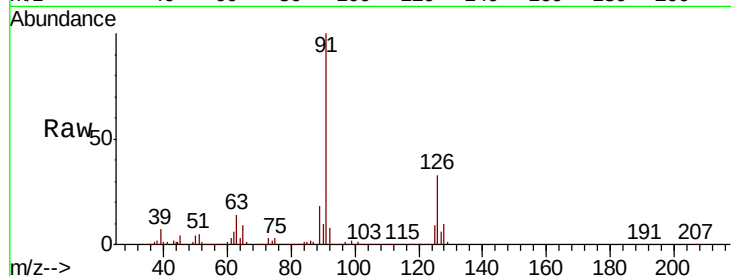
126 33.2 16.6 49.8

Manual Integrations

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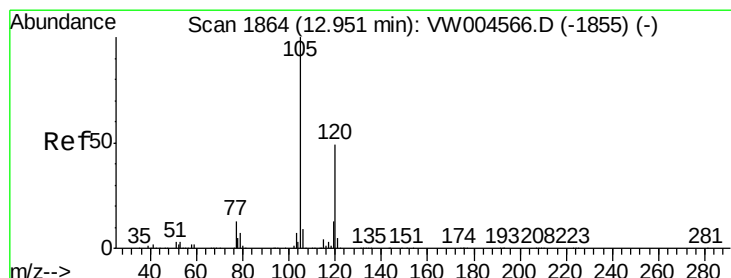
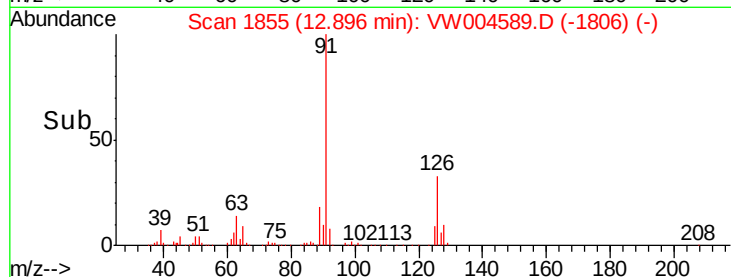
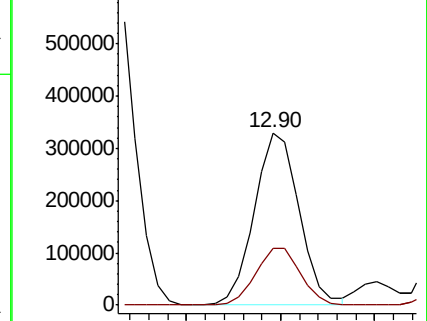
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 21.60 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW004589.D

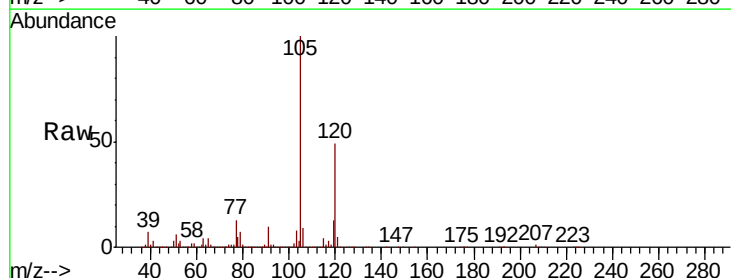
Acq: 10 Aug 2018 11:48

Tgt Ion: 105 Resp: 661657

Ion Ratio Lower Upper

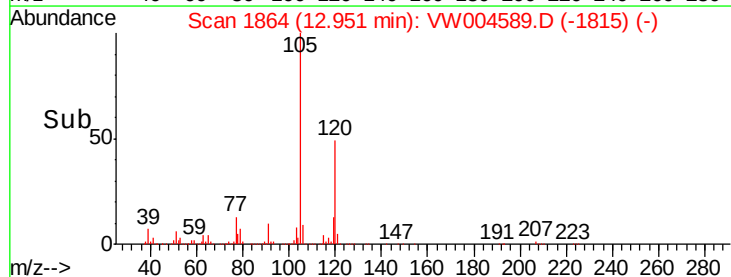
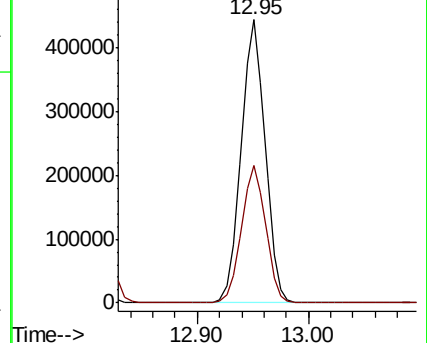
105 100

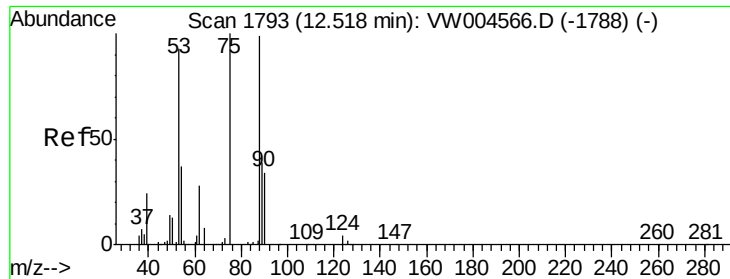
120 48.7 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





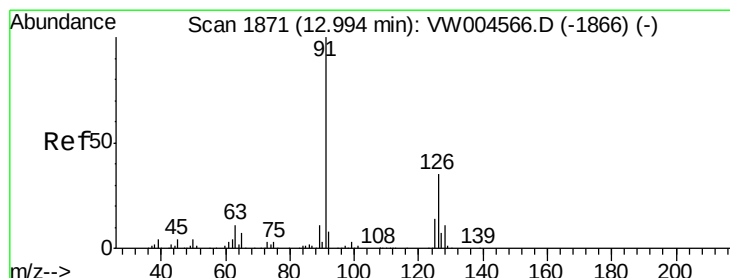
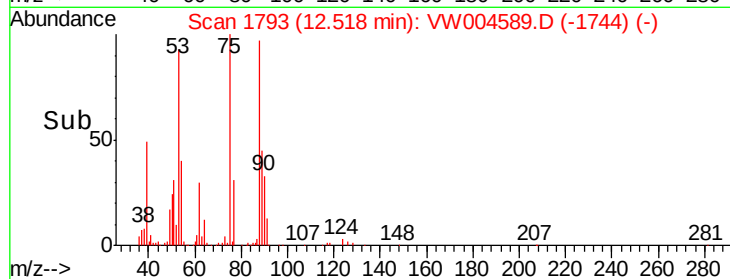
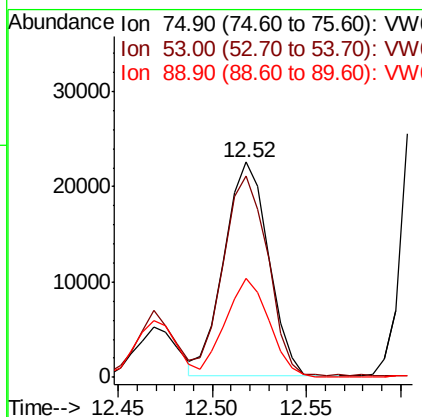
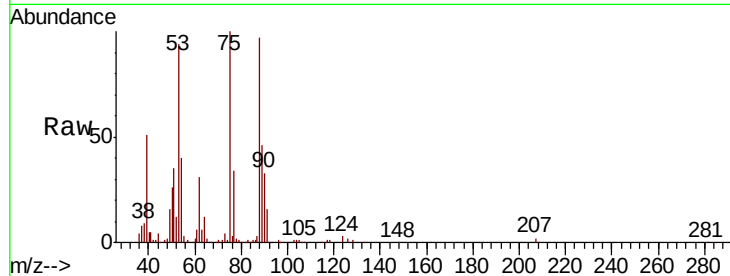
#81
trans-1,4-Dichloro-2-butene
Concen: 16.42 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VW004589.D
Acq: 10 Aug 2018 11:48

Instrument :
MSVOA_W
ClientSampleId :
VW0813SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	94.0	74.4	111.6
89	45.1	35.9	53.9

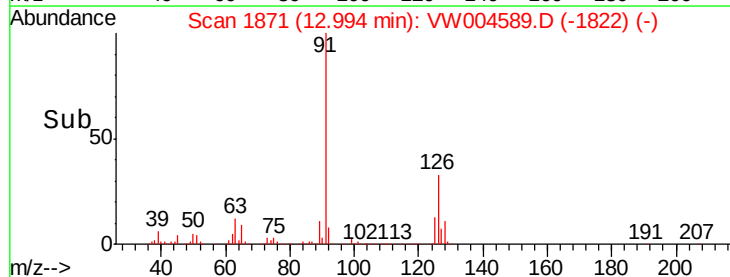
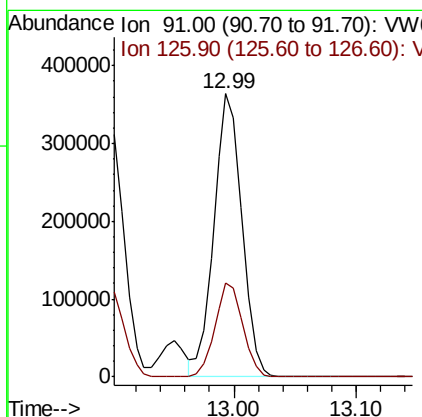
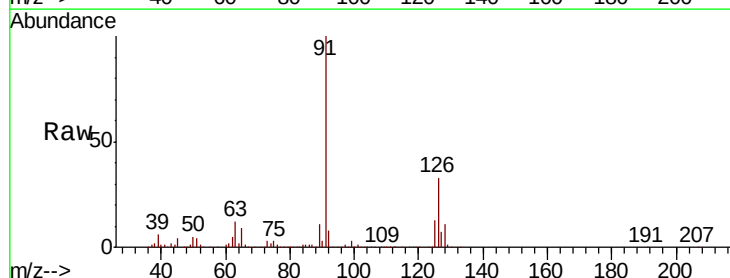
Manual Integrations
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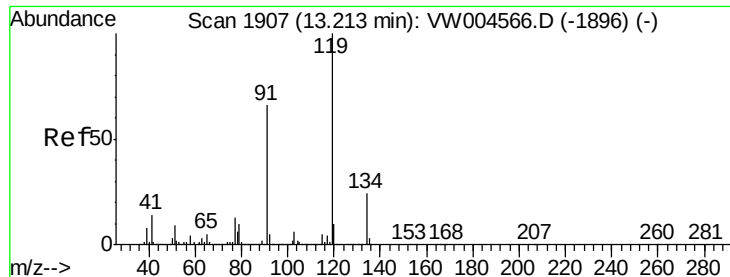
apatel
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#82
4-Chlorotoluene
Concen: 21.23 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. 0.00 min
Lab File: VW004589.D
Acq: 10 Aug 2018 11:48

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.1	16.5	49.5





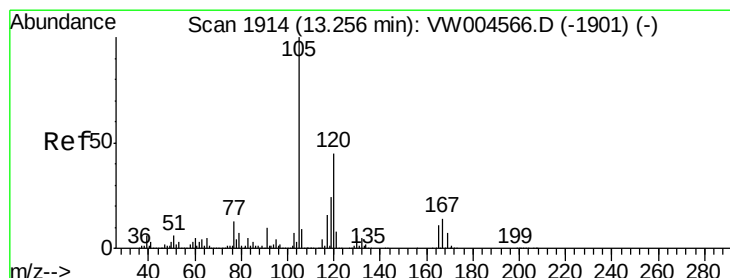
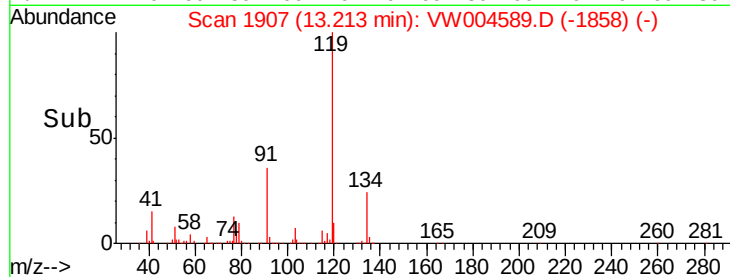
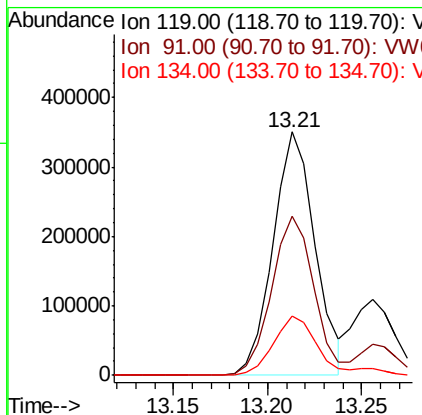
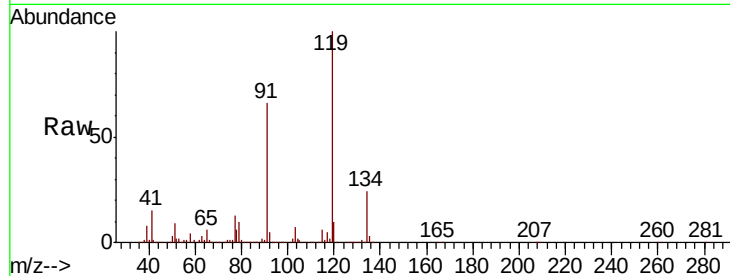
#83
 tert-Butylbenzene
 Concen: 21.10 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VW004589.D
 Acq: 10 Aug 2018 11:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0813SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	541987		
91	66.5	33.3	99.8	
134	24.6	12.2	36.6	

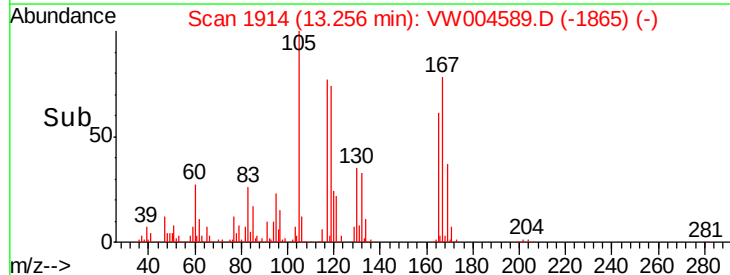
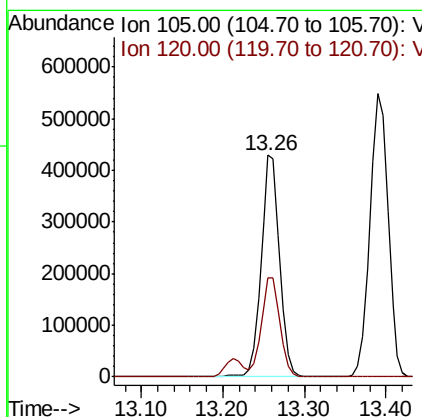
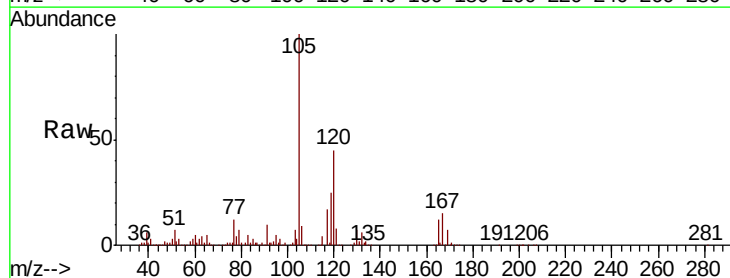
Manual Integrations
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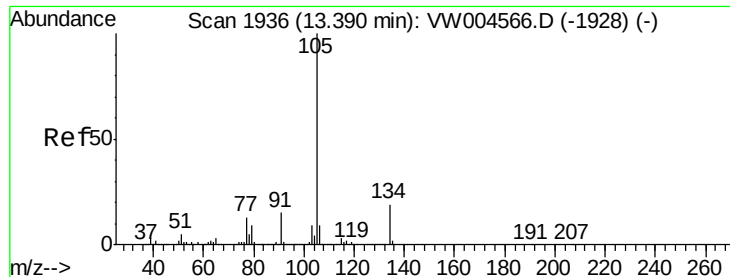
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#84
 1,2,4-Trimethylbenzene
 Concen: 21.43 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. 0.00 min
 Lab File: VW004589.D
 Acq: 10 Aug 2018 11:48

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	679586		
120	45.0	22.6	67.8	





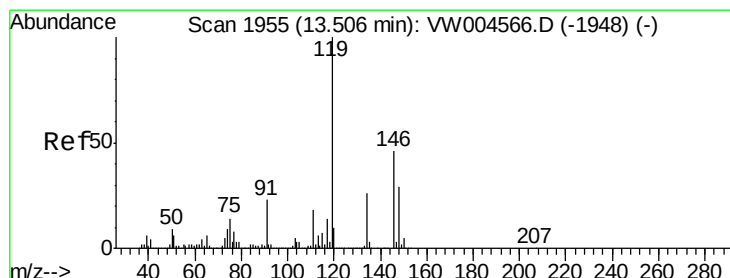
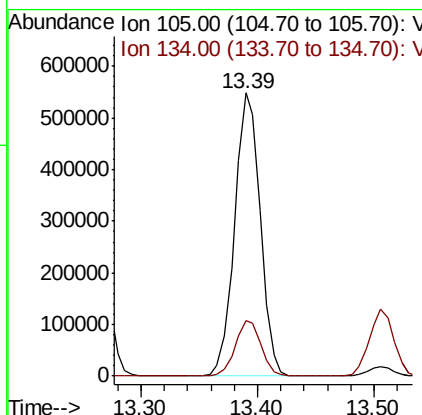
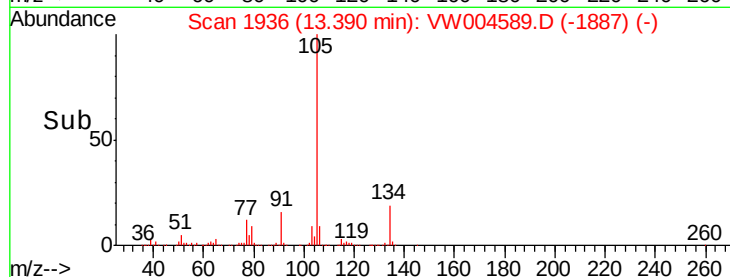
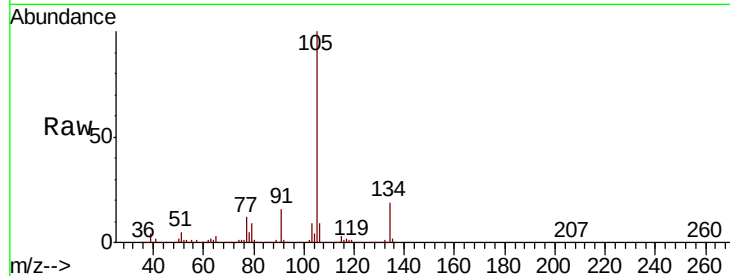
#85
 sec-Butylbenzene
 Concen: 21.60 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VW004589.D
 Acq: 10 Aug 2018 11:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0813SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.7	9.8	29.5

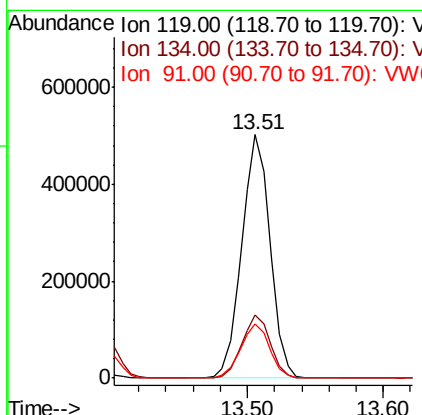
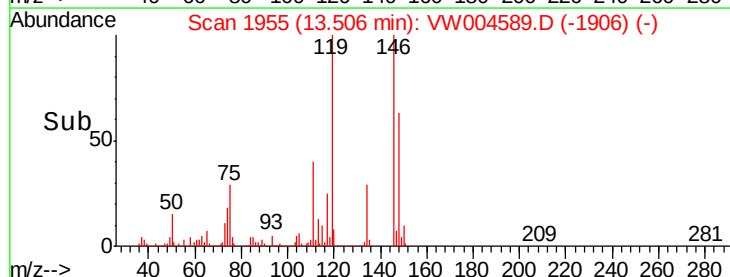
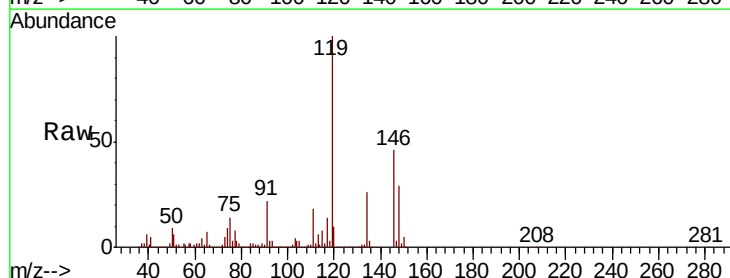
Manual Integrations
 APPROVED

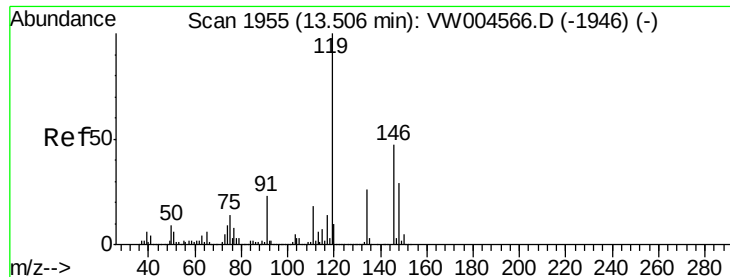
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#86
 p-Isopropyltoluene
 Concen: 21.67 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW004589.D
 Acq: 10 Aug 2018 11:48

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.0	13.1	39.1
91	22.5	11.4	34.1





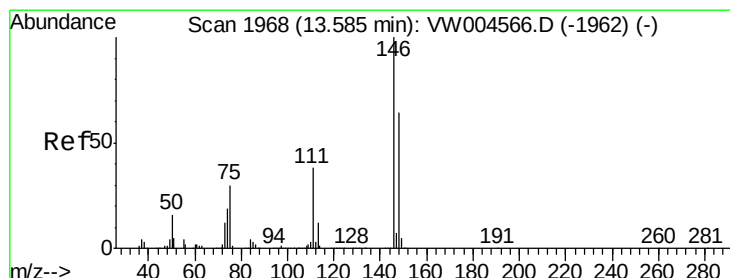
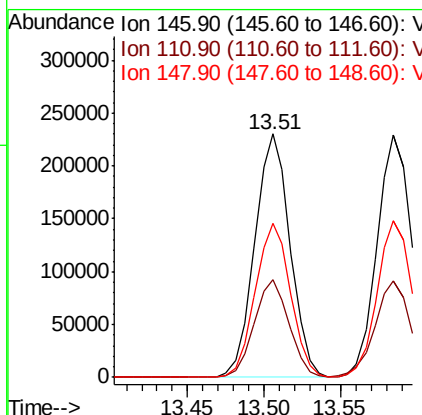
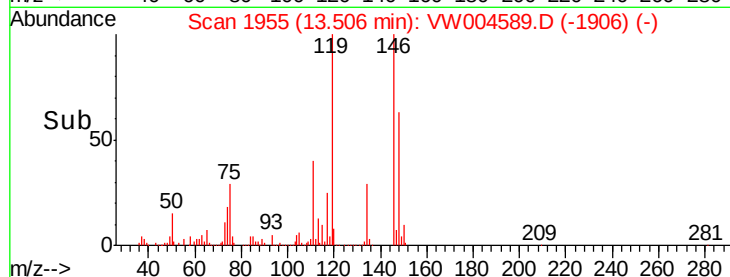
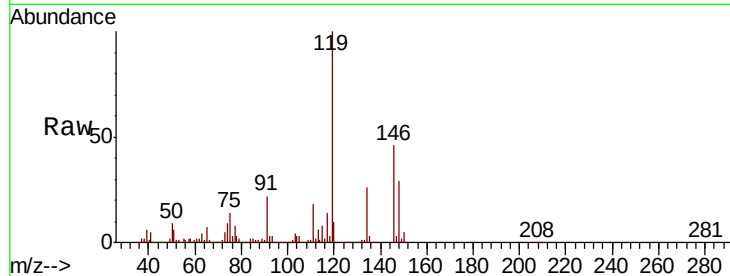
#87
 1,3-Dichlorobenzene
 Concen: 20.62 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW004589.D
 Acq: 10 Aug 2018 11:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0813SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	20.0	59.9
148	63.2	31.7	95.1

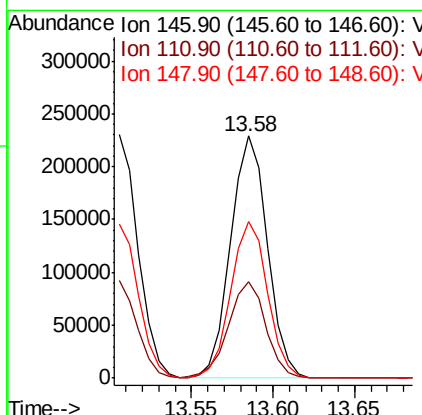
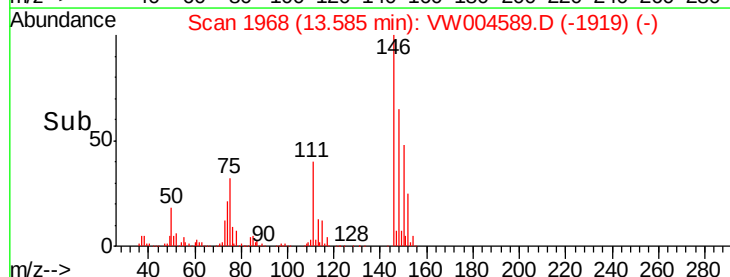
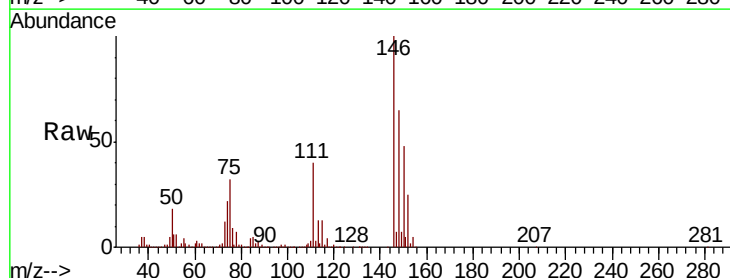
Manual Integrations
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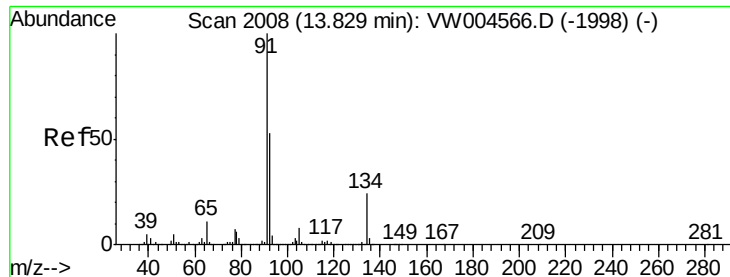
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#88
 1,4-Dichlorobenzene
 Concen: 20.21 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW004589.D
 Acq: 10 Aug 2018 11:48

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.7	19.6	58.8
148	64.8	31.9	95.5





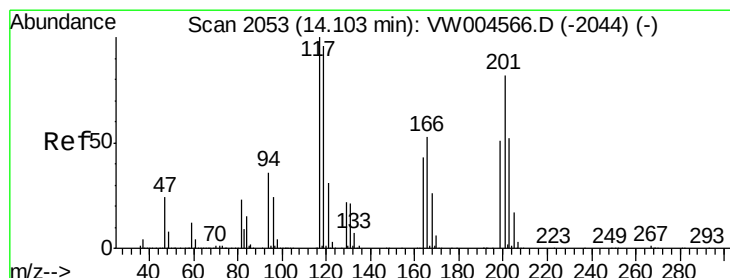
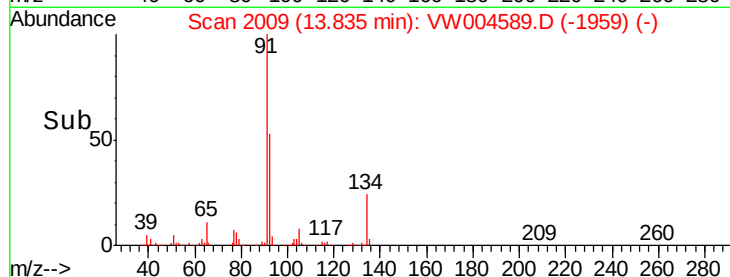
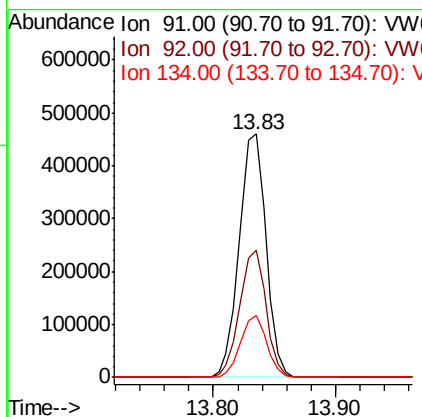
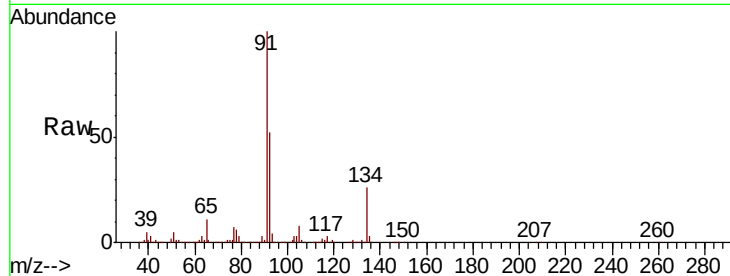
#89
n-Butylbenzene
Concen: 21.21 ug/l
RT: 13.83 min Scan# 2009
Delta R.T. 0.01 min
Lab File: VW004589.D
Acq: 10 Aug 2018 11:48

Instrument :
MSVOA_W
ClientSampleId :
VW0813SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.3	26.4	79.0
134	24.9	12.4	37.2

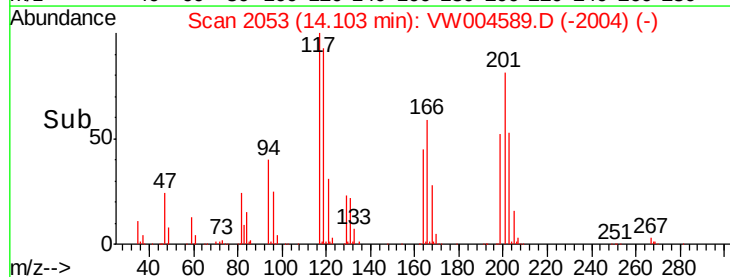
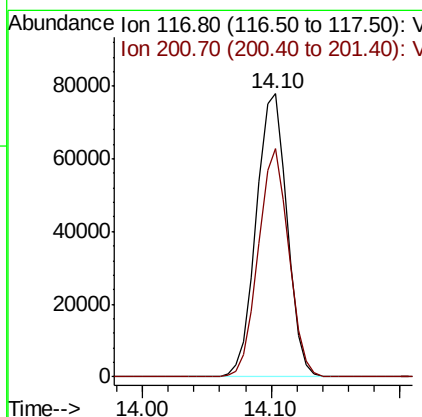
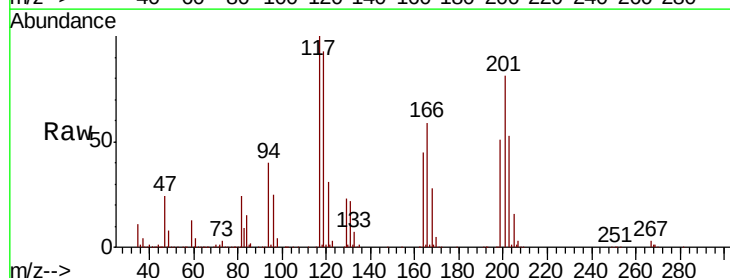
Manual Integrations
APPROVED

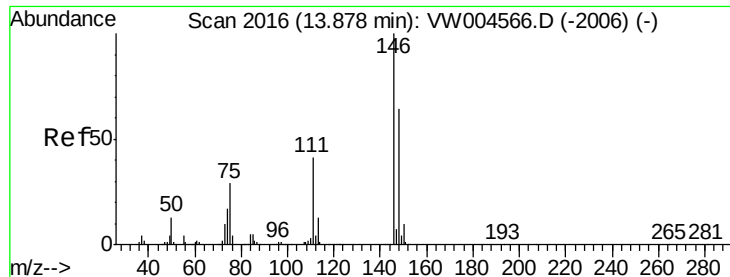
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#90
Hexachloroethane
Concen: 20.72 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.00 min
Lab File: VW004589.D
Acq: 10 Aug 2018 11:48

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.6	40.1	120.3





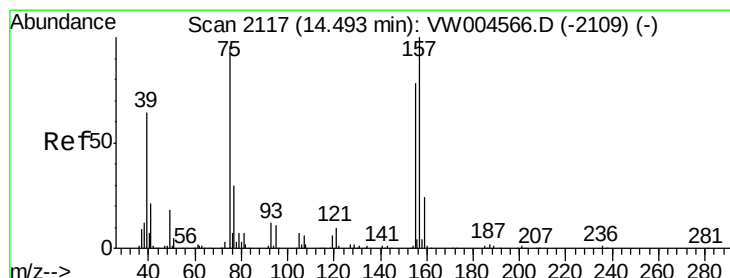
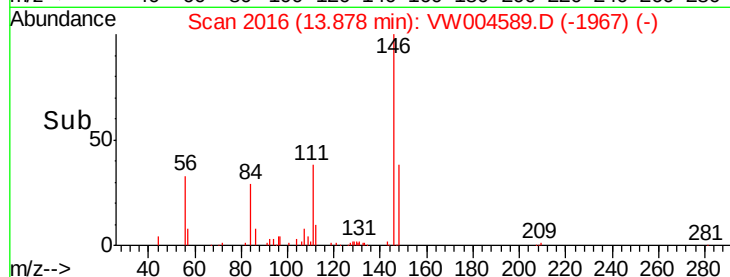
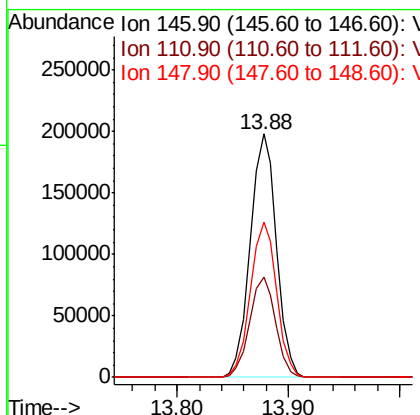
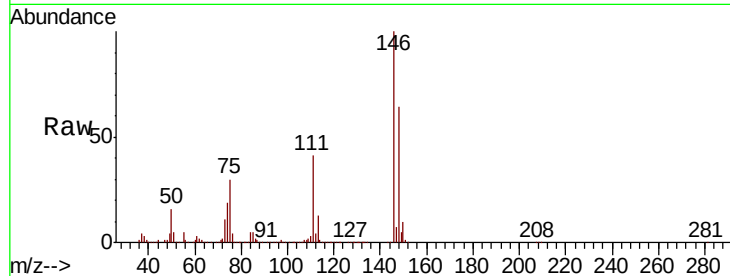
#91
 1,2-Dichlorobenzene
 Concen: 19.92 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW004589.D
 Acq: 10 Aug 2018 11:48

Instrument :
 MSVOA_W
 ClientSampled :
 VW0813SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	323463		
111	40.8	20.8	62.2	
148	63.8	31.8	95.4	

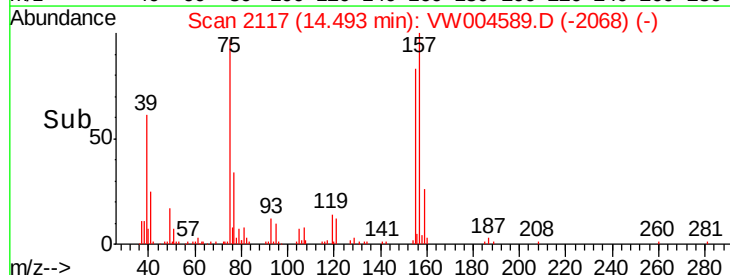
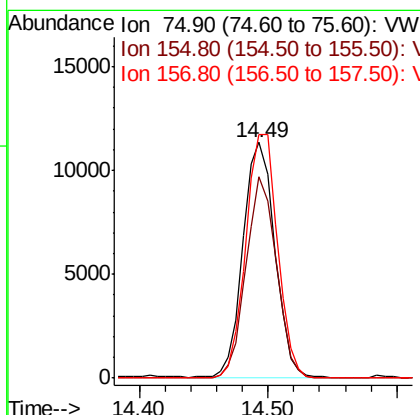
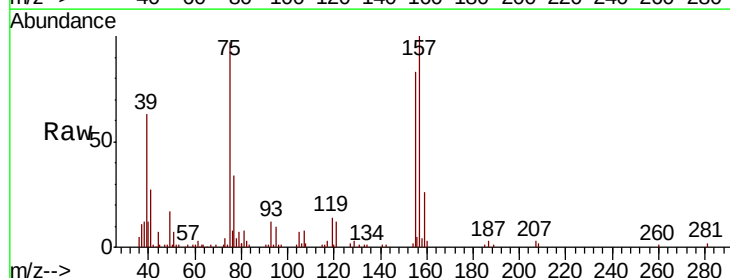
Manual Integrations
 APPROVED

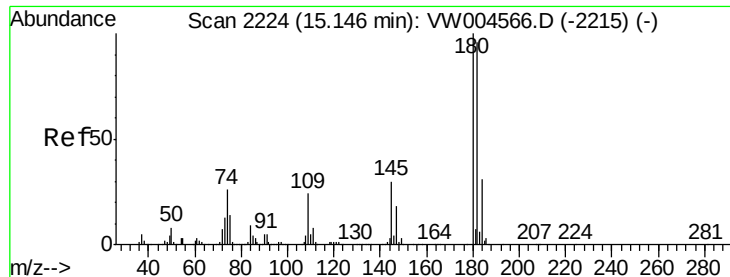
apatel
 8/13/2018 5:34:09 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 15.93 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW004589.D
 Acq: 10 Aug 2018 11:48

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	19513		
155	80.6	41.3	123.7	
157	102.1	52.6	157.8	





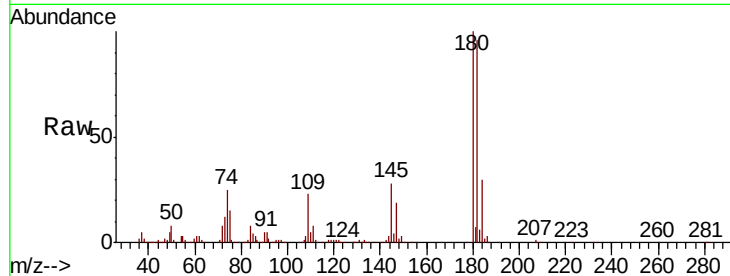
#93
 1,2,4-Trichlorobenzene
 Concen: 19.68 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW004589.D
 Acq: 10 Aug 2018 11:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0813SBS01

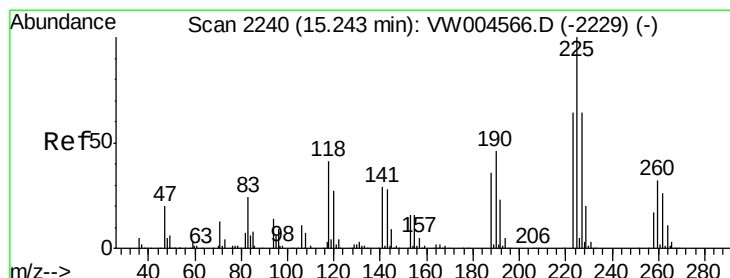
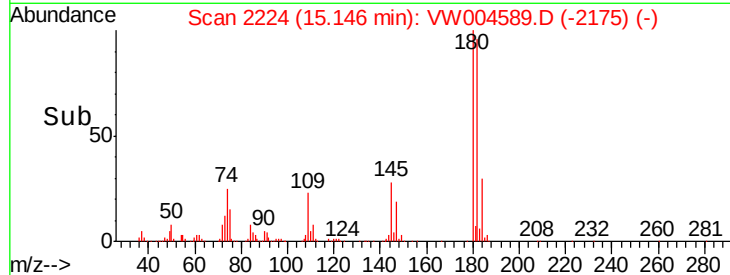
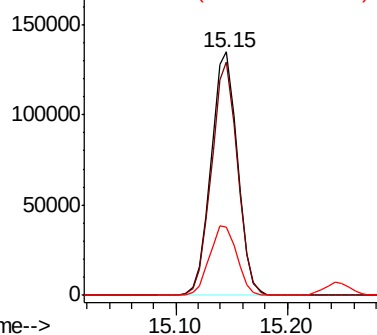
Tot Ion	Ratio	Resp	Lower	Upper
180	100	221276		
182	94.7	47.9	143.6	
145	29.7	14.9	44.9	

Manual Integrations
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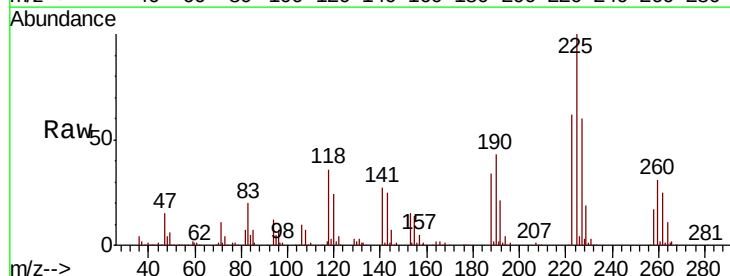


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

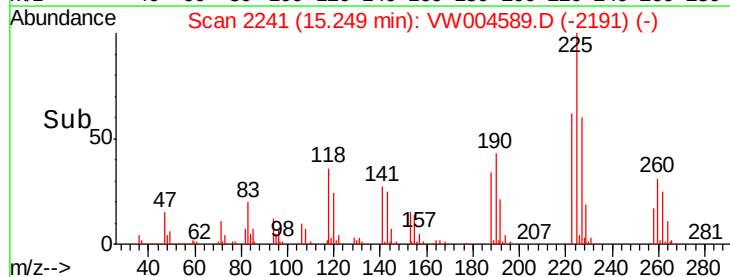
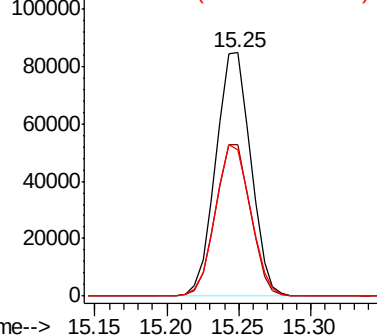


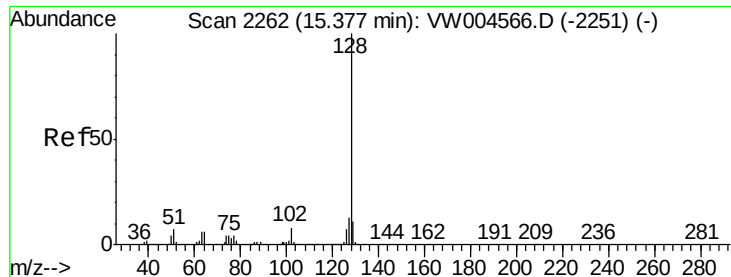
#94
 Hexachlorobutadiene
 Concen: 21.73 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.01 min
 Lab File: VW004589.D
 Acq: 10 Aug 2018 11:48

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	142277		
223	62.3	31.3	93.8	
227	62.6	31.8	95.4	



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





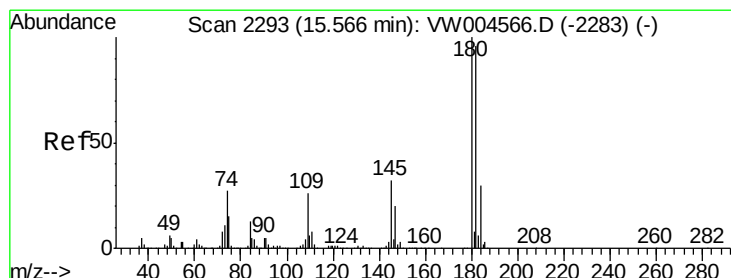
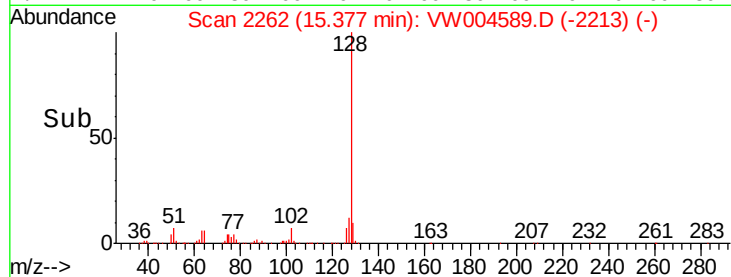
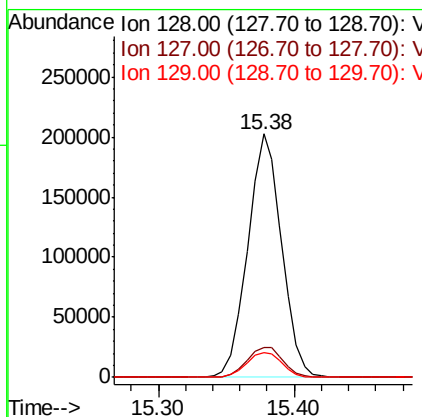
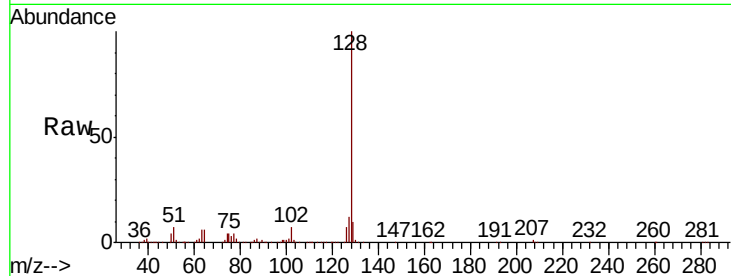
#95
Naphthalene
Concen: 17.22 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW004589.D
Acq: 10 Aug 2018 11:48

Instrument :
MSVOA_W
ClientSampleId :
VW0813SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	352446		
127	13.3	10.3	15.5	
129	10.8	8.6	13.0	

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 19.32 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VW004589.D
Acq: 10 Aug 2018 11:48

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	195136		
182	95.3	47.0	141.2	
145	31.1	15.9	47.6	

