

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062818\
 Data File : VW003633.D
 Acq On : 28 Jun 2018 12:57
 Operator : SY/AP
 Sample : VW0628SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0628SBS01

Manual Integrations
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 6/29/2018 10:22:03 AM

Quant Time: Jun 29 07:02:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 05:18:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	213633	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	329990	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	308135	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	165741	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	120264	51.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.94%	
35) Dibromofluoromethane	7.89	113	104856	51.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.28%	
50) Toluene-d8	10.33	98	419370	51.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.16%	
62) 4-Bromofluorobenzene	12.63	95	150606	52.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	15195m	23.53	ug/l	
3) Chloromethane	2.21	50	33244	20.37	ug/l	93
4) Vinyl Chloride	2.36	62	47254	19.86	ug/l	98
5) Bromomethane	2.78	94	30446	19.26	ug/l	97
6) Chloroethane	2.92	64	31263	18.88	ug/l	98
7) Trichlorofluoromethane	3.25	101	29627	20.79	ug/l	96
8) Diethyl Ether	3.68	74	22873	21.85	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	42870	21.66	ug/l	99
10) Methyl Iodide	4.26	142	61229	20.46	ug/l	99
11) Tert butyl alcohol	5.23	59	14690	118.37	ug/l #	97
12) 1,1-Dichloroethene	4.03	96	40842	21.12	ug/l	89
13) Acrolein	3.90	56	11987	67.56	ug/l	96
14) Allyl chloride	4.66	41	70466	21.04	ug/l	97
15) Acrylonitrile	5.38	53	49114	114.02	ug/l	99
16) Acetone	4.15	43	58002	119.52	ug/l	97
17) Carbon Disulfide	4.37	76	117108	20.48	ug/l	98
18) Methyl Acetate	4.68	43	23722	20.60	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	78482	21.67	ug/l	98
20) Methylene Chloride	4.92	84	48494	21.43	ug/l	93
21) trans-1,2-Dichloroethene	5.42	96	45314	21.53	ug/l	97
22) Diisopropyl ether	6.32	45	147334	21.85	ug/l	97
23) Vinyl Acetate	6.26	43	423501	109.01	ug/l	99
24) 1,1-Dichloroethane	6.22	63	86654	21.65	ug/l	98
25) 2-Butanone	7.18	43	72572	120.26	ug/l	99
26) 2,2-Dichloropropane	7.17	77	56493	21.15	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	49615	21.46	ug/l	97
28) Bromochloromethane	7.51	49	34685	20.83	ug/l	96
29) Tetrahydrofuran	7.54	42	41963	113.78	ug/l	98
30) Chloroform	7.68	83	89101	21.85	ug/l	99
31) Cyclohexane	7.96	56	77701	20.78	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	71718	21.31	ug/l	99
36) 1,1-Dichloropropene	8.09	75	69468	21.80	ug/l	99
37) Ethyl Acetate	7.26	43	30054	22.76	ug/l	99
38) Carbon Tetrachloride	8.07	117	68374	21.87	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	76681	20.80	ug/l	99
40) Benzene	8.33	78	194164	22.10	ug/l	97
41) Methacrylonitrile	7.49	41	17556	21.67	ug/l	95
42) 1,2-Dichloroethane	8.40	62	60425	21.96	ug/l	99
43) Isopropyl Acetate	8.43	43	58110	22.17	ug/l	100
44) Trichloroethene	9.09	130	50381	21.64	ug/l	95
45) 1,2-Dichloropropane	9.37	63	50131	22.41	ug/l	98
46) Dibromomethane	9.46	93	25247	22.05	ug/l	99
47) Bromodichloromethane	9.65	83	63400	21.60	ug/l	99
48) Methyl methacrylate	9.45	41	27863	22.62	ug/l	97
49) 1,4-Dioxane	9.49	88	7673	443.79	ug/l	98
51) 4-Methyl-2-Pentanone	10.22	43	152259	113.98	ug/l	100
52) Toluene	10.39	92	123622	21.95	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	64343	21.46	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	72505	21.25	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	36084	22.36	ug/l	96
56) Ethyl methacrylate	10.65	69	42869	21.88	ug/l	98
57) 1,3-Dichloropropane	10.94	76	62461	22.44	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	100817	114.78	ug/l	98
59) 2-Hexanone	10.98	43	110587	118.51	ug/l	100
60) Dibromochloromethane	11.13	129	40962	21.35	ug/l	100
61) 1,2-Dibromoethane	11.24	107	33551	21.98	ug/l	100
64) Tetrachloroethene	10.87	164	42902	20.82	ug/l	98
65) Chlorobenzene	11.66	112	135984	21.19	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.74	131	46964	20.83	ug/l	100
67) Ethyl Benzene	11.74	91	237676	20.90	ug/l	98
68) m/p-Xylenes	11.85	106	185010	42.79	ug/l	98
69) o-Xylene	12.17	106	84478	21.08	ug/l	98
70) Styrene	12.19	104	141755	21.25	ug/l	100
71) Bromoform	12.35	173	24881	21.29	ug/l #	98
73) Isopropylbenzene	12.48	105	235574	20.43	ug/l	99
74) N-amyl acetate	12.28	43	56333	21.47	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	42468	21.78	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	30748m	21.70	ug/l	
77) Bromobenzene	12.76	156	55491	20.67	ug/l	97
78) n-propylbenzene	12.81	91	298222	21.13	ug/l	99
79) 2-Chlorotoluene	12.90	91	167147	20.95	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	204306	21.11	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	13032	21.16	ug/l	99
82) 4-Chlorotoluene	12.99	91	181140	21.41	ug/l	98
83) tert-Butylbenzene	13.21	119	168968	20.49	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	211270	21.23	ug/l	99
85) sec-Butylbenzene	13.39	105	255195	20.82	ug/l	99
86) p-Isopropyltoluene	13.51	119	225050	20.82	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	115831	21.00	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	115308	21.03	ug/l	98
89) n-Butylbenzene	13.84	91	221168	20.99	ug/l	99
90) Hexachloroethane	14.10	117	40978	20.95	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	103919	21.51	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7114	21.68	ug/l	98

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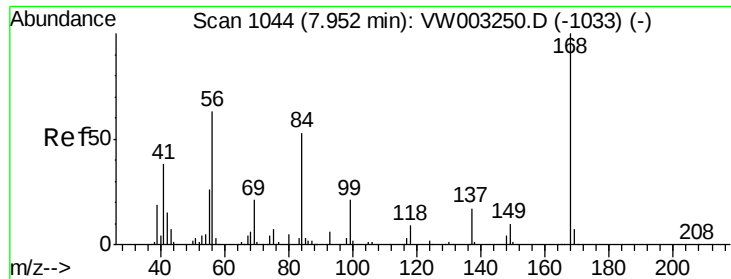
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	71208	21.00	ug/l	100
94) Hexachlorobutadiene	15.25	225	41769	20.47	ug/l	97
95) Naphthalene	15.38	128	120536	20.95	ug/l	98
96) 1,2,3-Trichlorobenzene	15.57	180	62893	21.07	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003633.D

Acq: 28 Jun 2018 12:57

Instrument :

MSVOA_W

ClientSampleId :

VW0628SBSD01

Tot Ion:168 Resp: 213633

Ion Ratio Lower Upper

168 100

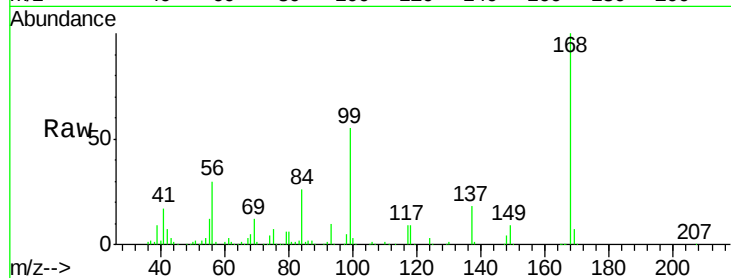
99 55.2 45.5 68.3

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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

100000

80000

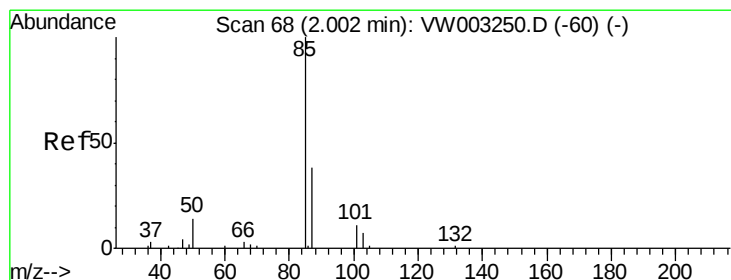
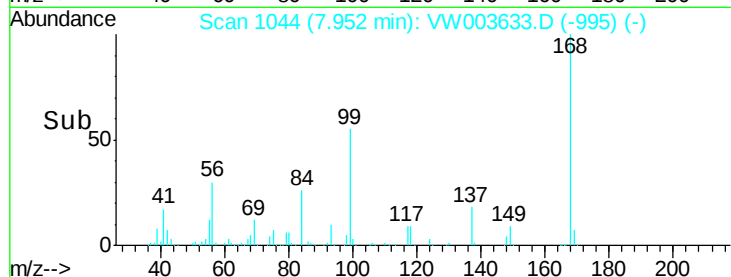
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 23.53 ug/l m

RT: 2.01 min Scan# 69

Delta R.T. 0.01 min

Lab File: VW003633.D

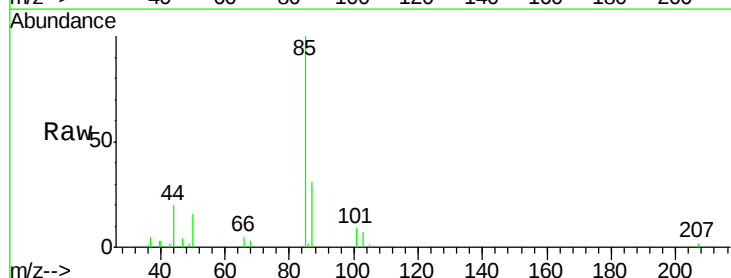
Acq: 28 Jun 2018 12:57

Tgt Ion: 85 Resp: 15195

Ion Ratio Lower Upper

85 100

87 31.4 18.9 56.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

6000

5000

4000

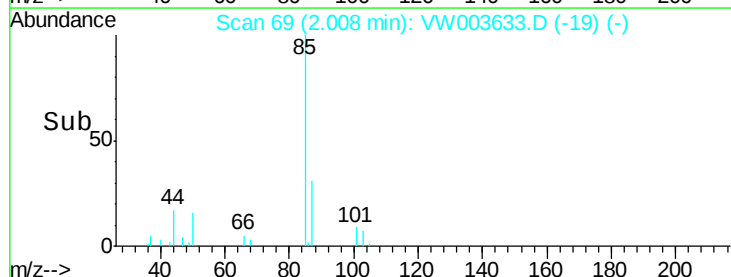
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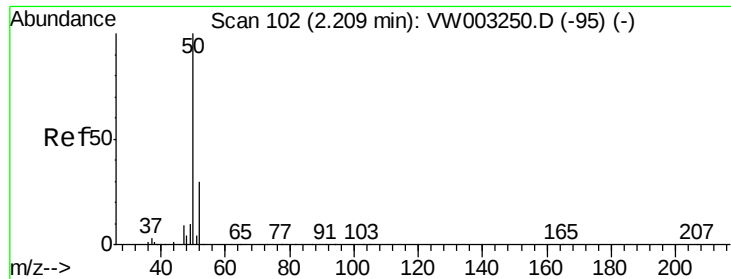
2000

1000

0

Time-->





#3

Chloromethane

Concen: 20.37 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW003633.D

Acq: 28 Jun 2018 12:57

Instrument :

MSVOA_W

ClientSampleId :

VW0628SBS01

Tot Ion: 50 Resp: 33244

Ion Ratio Lower Upper

50 100

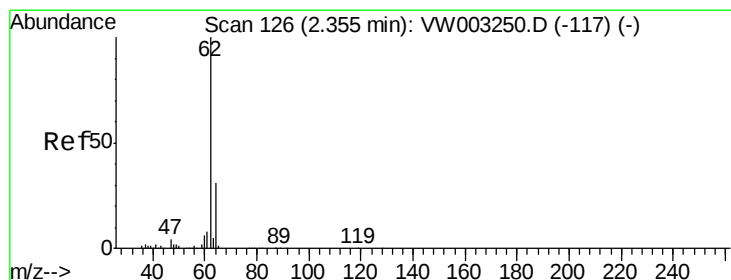
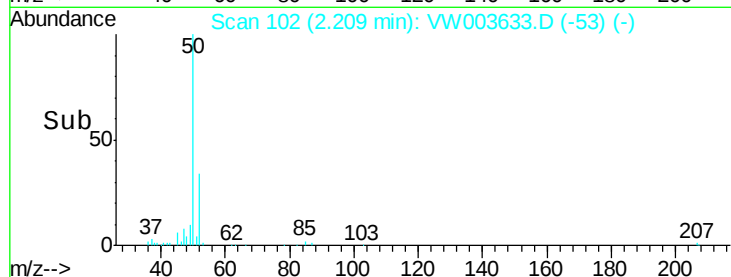
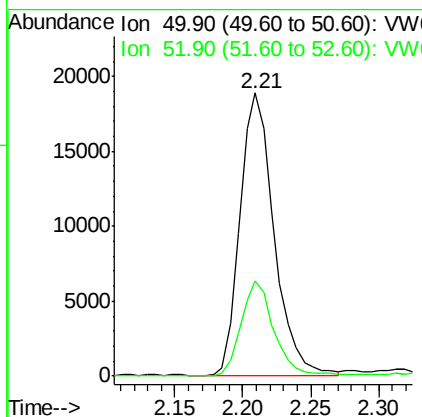
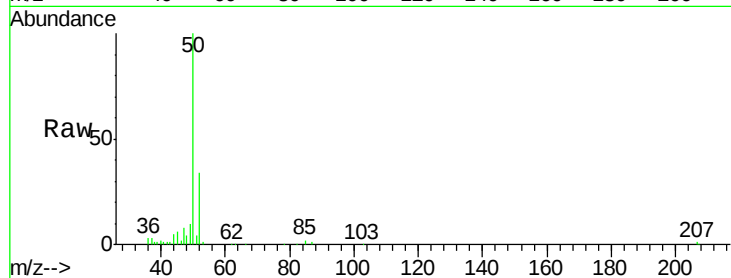
52 33.8 24.2 36.2

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#4

Vinyl Chloride

Concen: 19.86 ug/l

RT: 2.36 min Scan# 127

Delta R.T. 0.01 min

Lab File: VW003633.D

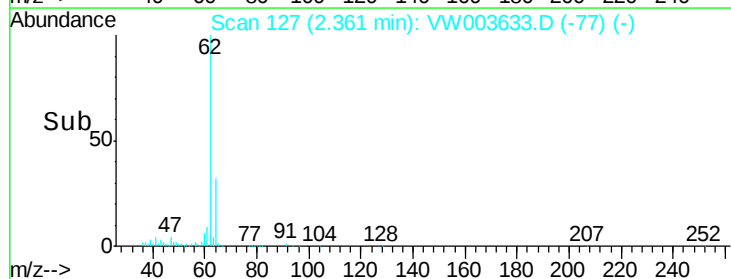
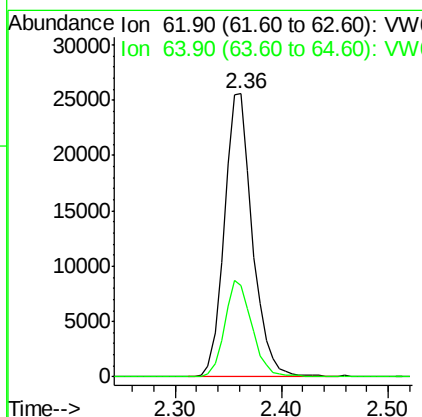
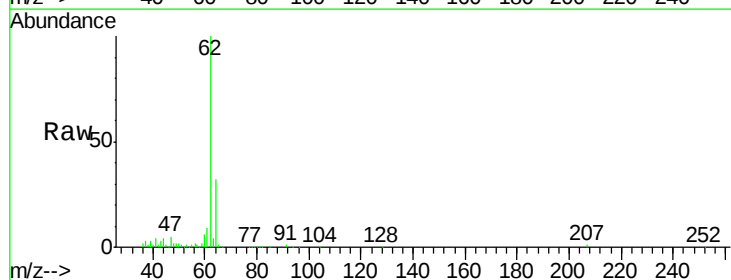
Acq: 28 Jun 2018 12:57

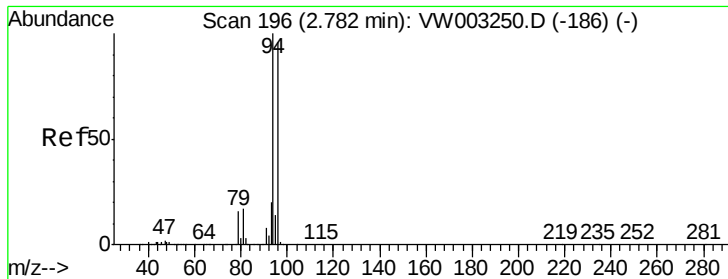
Tgt Ion: 62 Resp: 47254

Ion Ratio Lower Upper

62 100

64 32.2 24.9 37.3





#5

Bromomethane

Concen: 19.26 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.00 min

Lab File: VW003633.D

Acq: 28 Jun 2018 12:57

Instrument :

MSVOA_W

ClientSampleId :

VW0628SBSD01

Tot Ion: 94 Resp: 30446

Ion Ratio Lower Upper

94 100

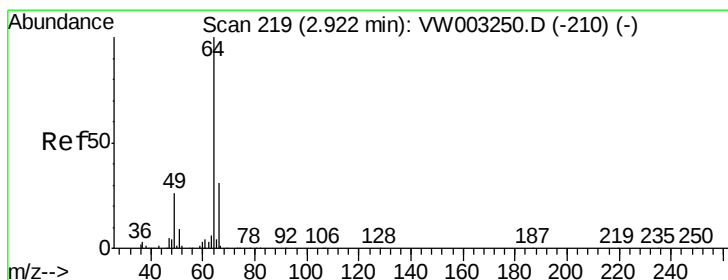
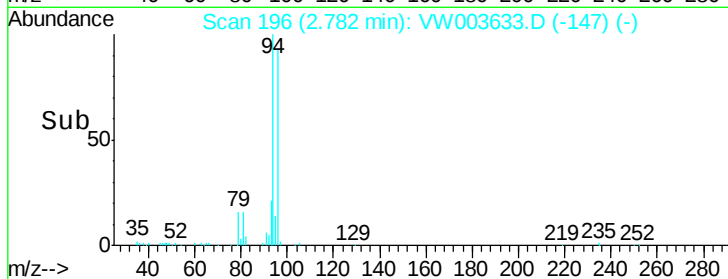
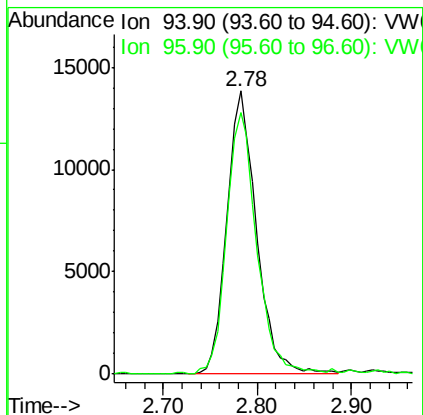
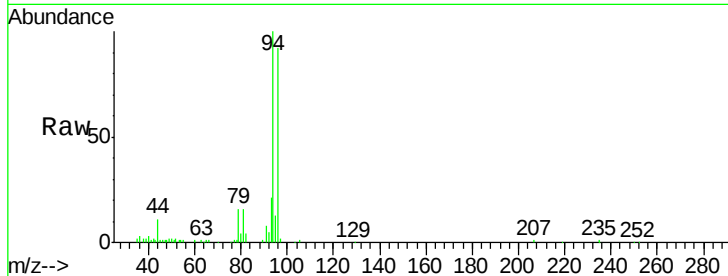
96 92.5 76.5 114.7

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#6

Chloroethane

Concen: 18.88 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.00 min

Lab File: VW003633.D

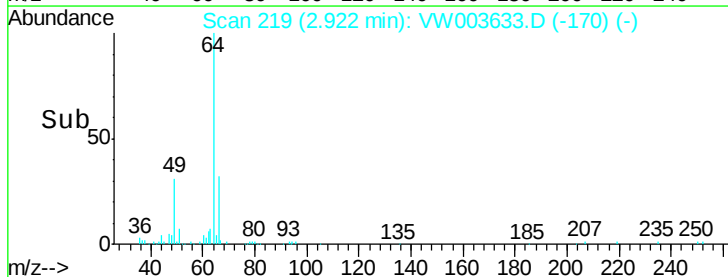
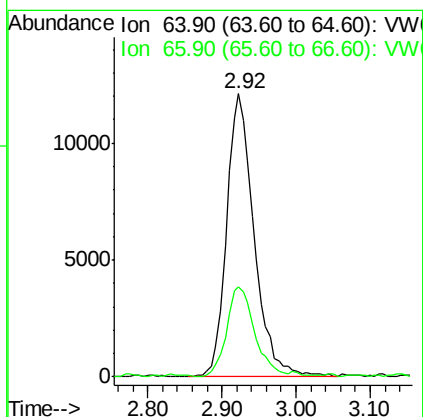
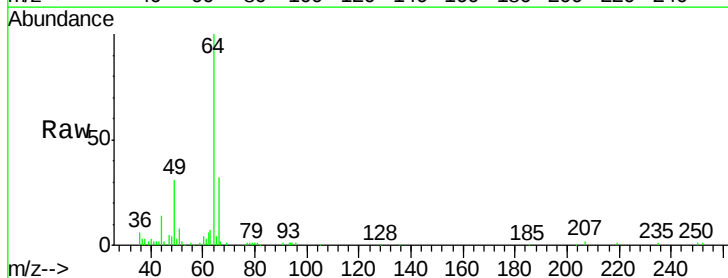
Acq: 28 Jun 2018 12:57

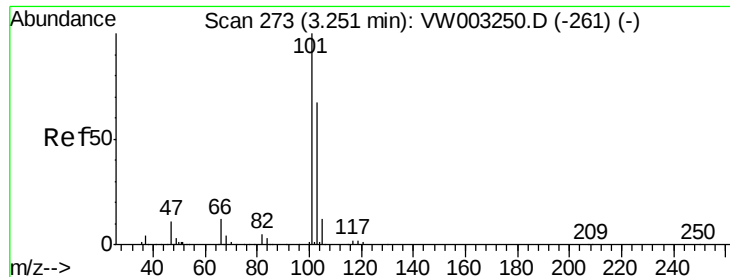
Tgt Ion: 64 Resp: 31263

Ion Ratio Lower Upper

64 100

66 31.7 24.4 36.6





#7

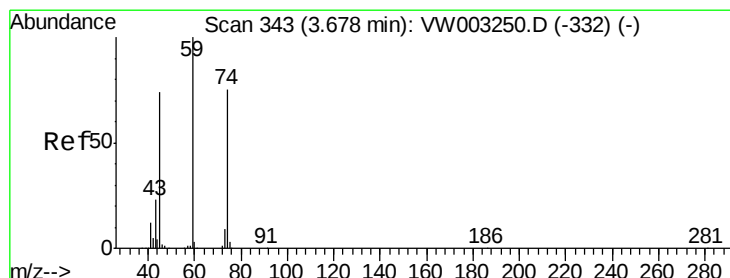
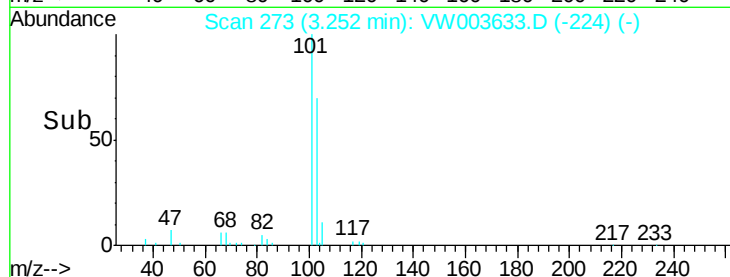
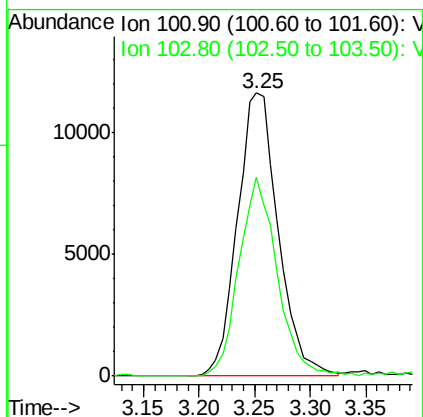
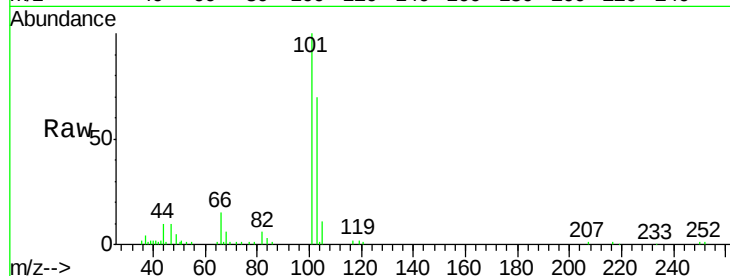
Trichlorofluoromethane
Concen: 20.79 ug/l
RT: 3.25 min Scan# 273
Delta R.T. 0.00 min
Lab File: VW003633.D
Acq: 28 Jun 2018 12:57

Instrument :
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ClientSampleId :
VW0628SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	70.1	53.4	80.0

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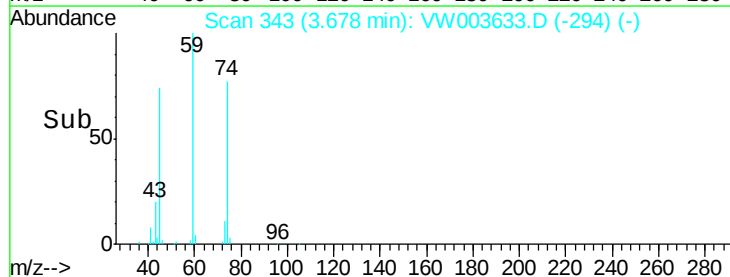
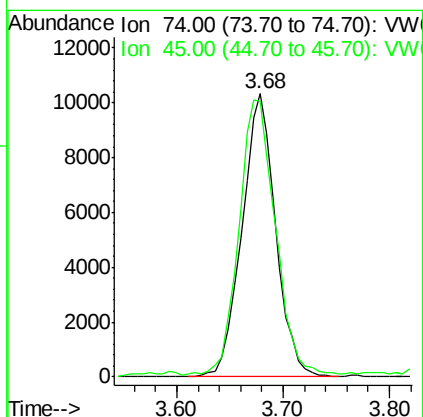
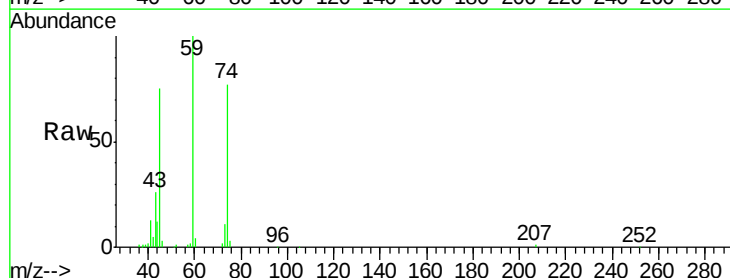
apatel
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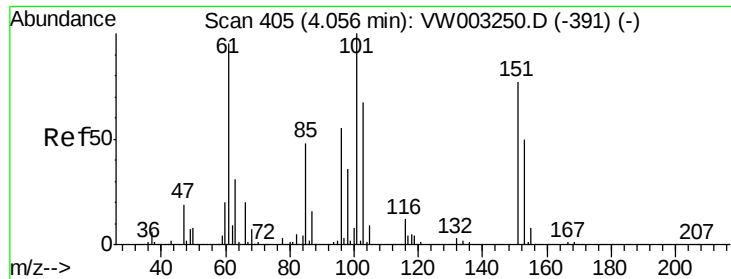


#8

Diethyl Ether
Concen: 21.85 ug/l
RT: 3.68 min Scan# 343
Delta R.T. 0.00 min
Lab File: VW003633.D
Acq: 28 Jun 2018 12:57

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.5	51.4	154.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.66 ug/l

RT: 4.06 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW003633.D

Acq: 28 Jun 2018 12:57

Instrument :

MSVOA_W

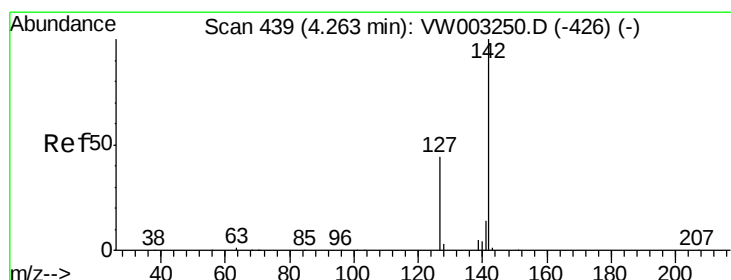
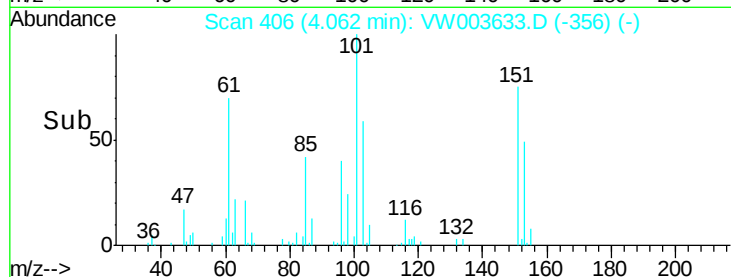
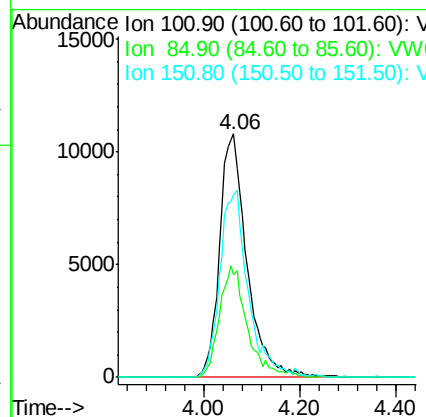
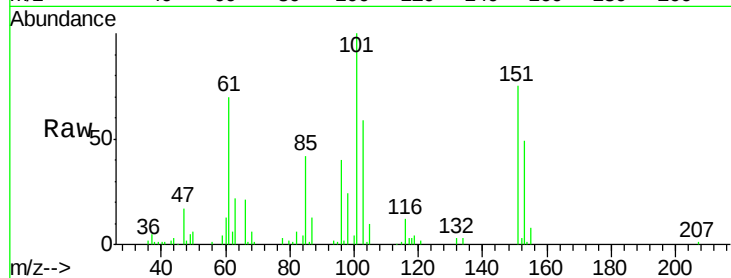
ClientSampleId :

VW0628SBS01

Tot Ion:	101	Resp:	42870
Ion Ratio	Lower	Upper	
101	100		
85	45.0	37.0	55.6
151	78.3	63.3	94.9

Manual Integrations
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#10

Methyl Iodide

Concen: 20.46 ug/l

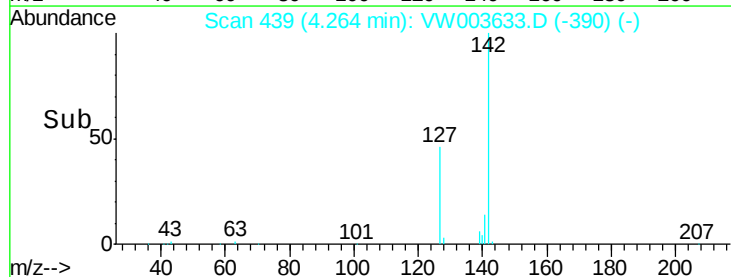
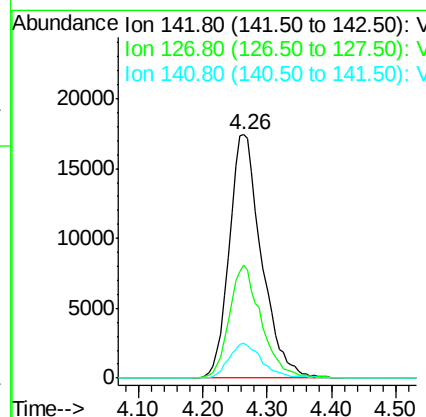
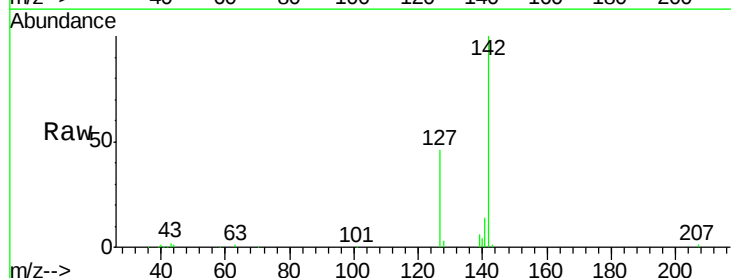
RT: 4.26 min Scan# 439

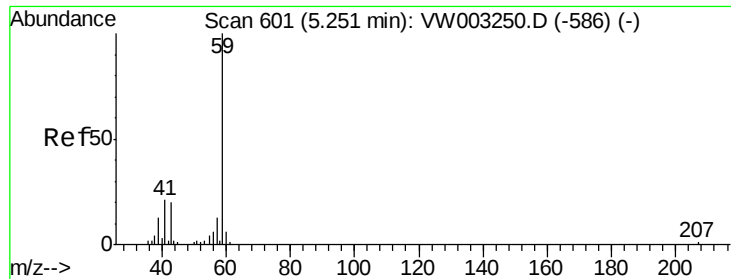
Delta R.T. 0.00 min

Lab File: VW003633.D

Acq: 28 Jun 2018 12:57

Tgt Ion:	142	Resp:	61229
Ion Ratio	Lower	Upper	
142	100		
127	45.9	36.5	54.7
141	14.8	12.1	18.1





#11

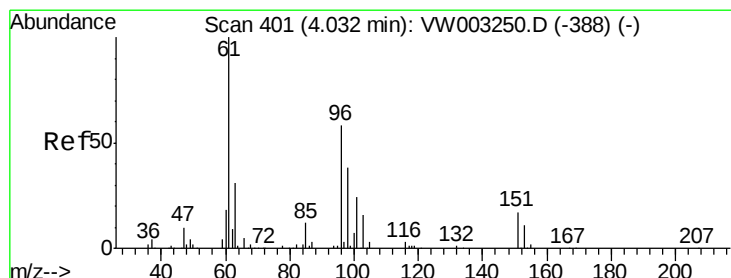
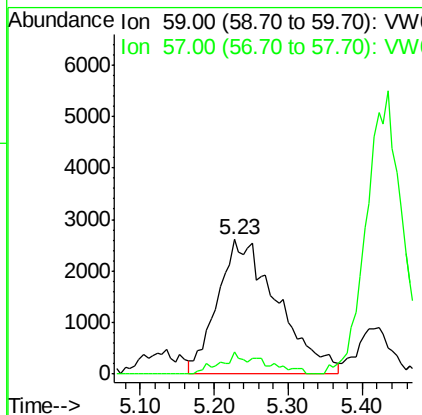
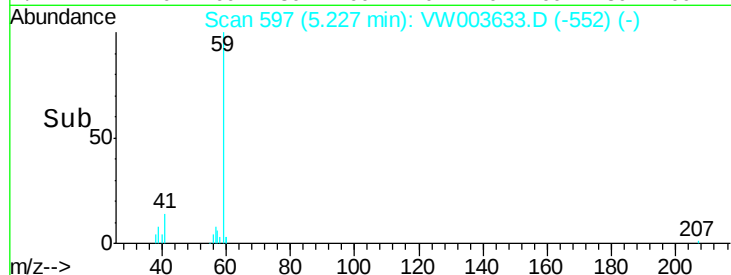
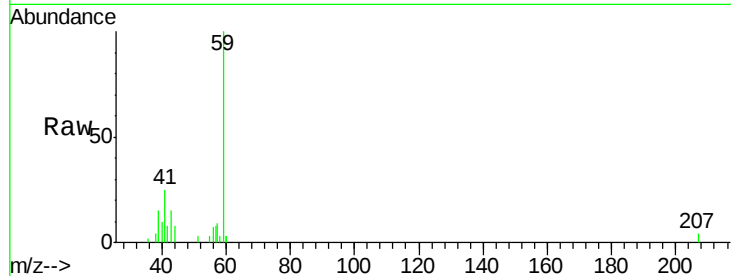
Tert butyl alcohol
Concen: 118.37 ug/l
RT: 5.23 min Scan# 597
Delta R.T. -0.02 min
Lab File: VW003633.D
Acq: 28 Jun 2018 12:57

Instrument :
MSVOA_W
ClientSampleId :
VW0628SBS01

Tot Ion	59	57	Ratio	100	6.3	Resp	Lower	Upper
14690								
							4.2	6.2#

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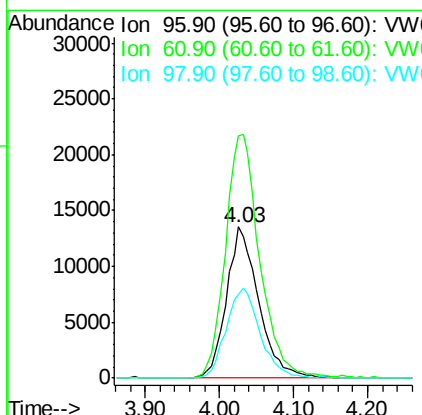
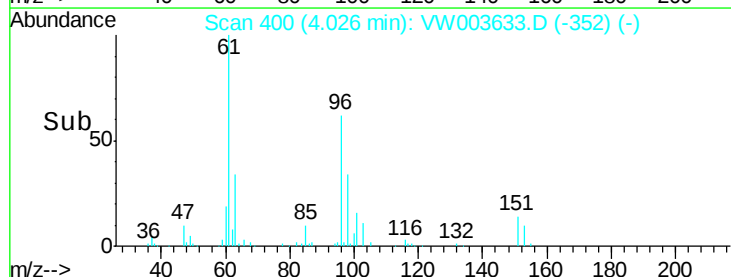
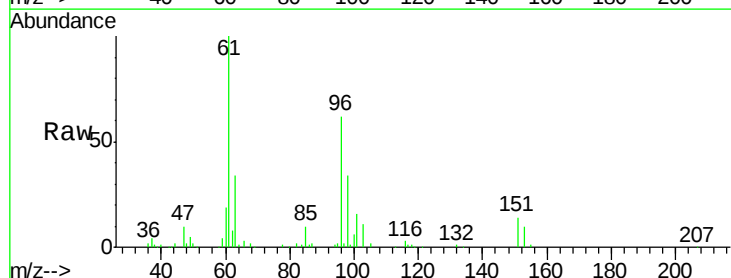
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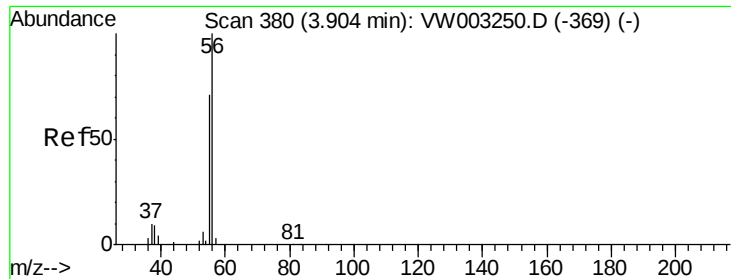


#12

1,1-Dichloroethene
Concen: 21.12 ug/l
RT: 4.03 min Scan# 400
Delta R.T. -0.01 min
Lab File: VW003633.D
Acq: 28 Jun 2018 12:57

Tgt Ion	96	61	98	Ratio	100	160.4	55.2	Resp	Lower	Upper
40842										
									139.0	208.4
									53.3	79.9





#13

Acrolein

Concen: 67.56 ug/l

RT: 3.90 min Scan# 379

Delta R.T. -0.01 min

Lab File: VW003633.D

Acq: 28 Jun 2018 12:57

Instrument :

MSVOA_W

ClientSampleId :

VW0628SBS01

Tot Ion: 56 Resp: 11987

Ion Ratio Lower Upper

56 100

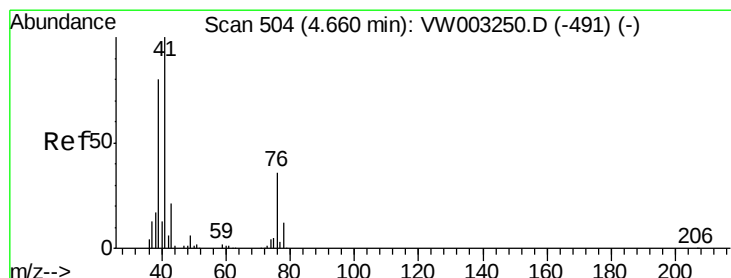
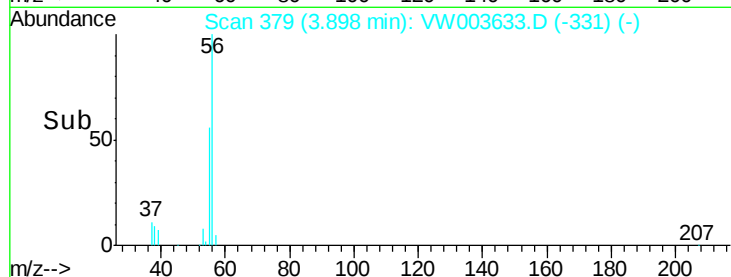
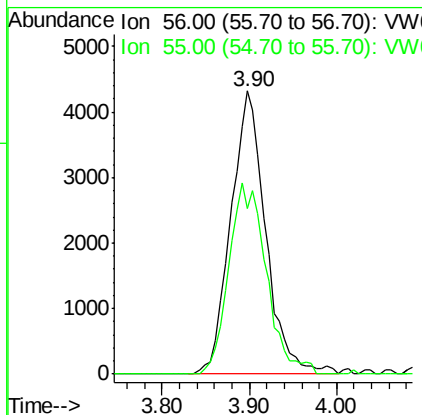
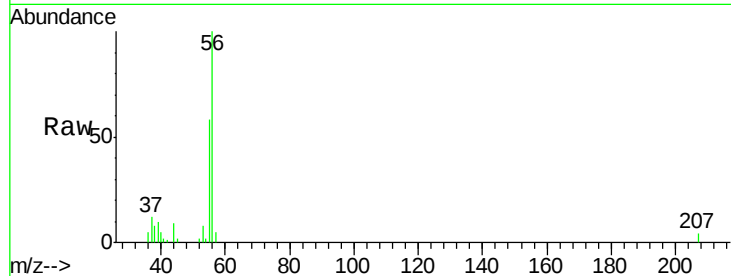
55 72.3 55.4 83.2

Manual Integrations

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#14

Allyl chloride

Concen: 21.04 ug/l

RT: 4.66 min Scan# 504

Delta R.T. 0.00 min

Lab File: VW003633.D

Acq: 28 Jun 2018 12:57

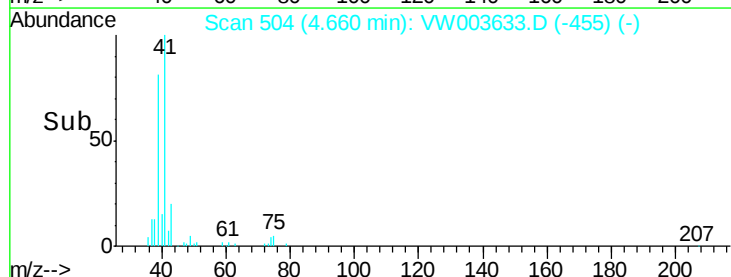
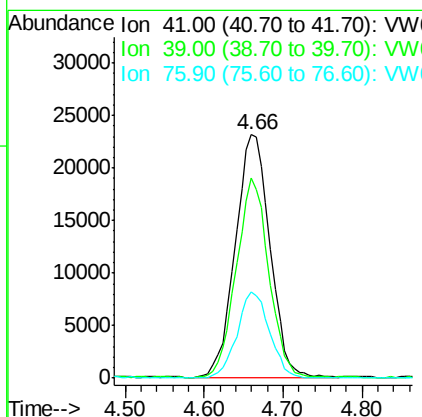
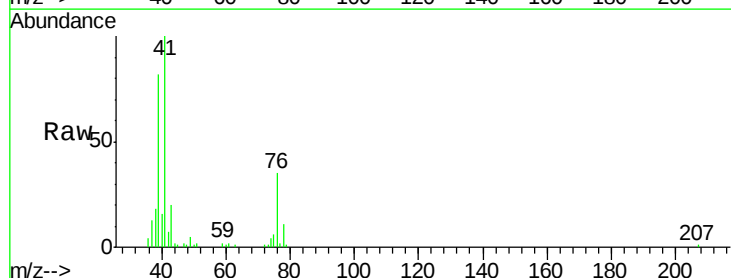
Tgt Ion: 41 Resp: 70466

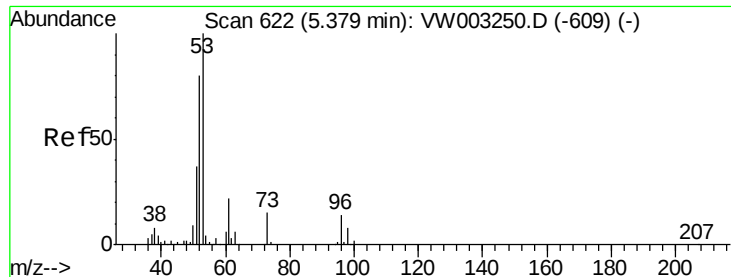
Ion Ratio Lower Upper

41 100

39 76.8 63.2 94.8

76 33.4 28.0 42.0





#15

Acrylonitrile

Concen: 114.02 ug/l

RT: 5.38 min Scan# 622

Delta R.T. 0.00 min

Lab File: VW003633.D

Acq: 28 Jun 2018 12:57

Instrument :

MSVOA_W

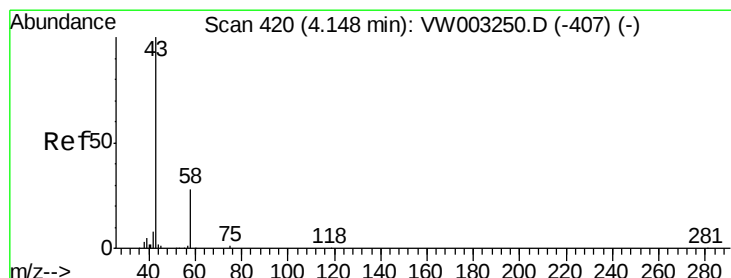
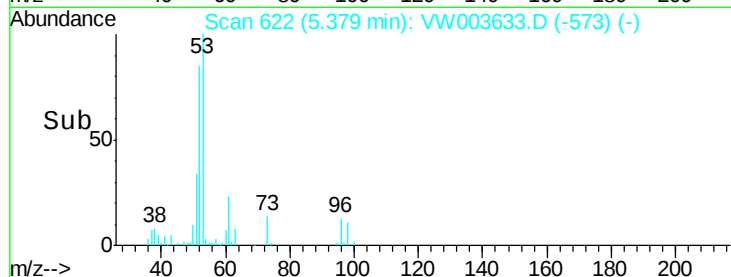
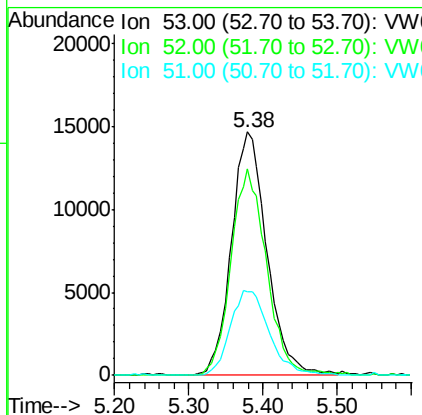
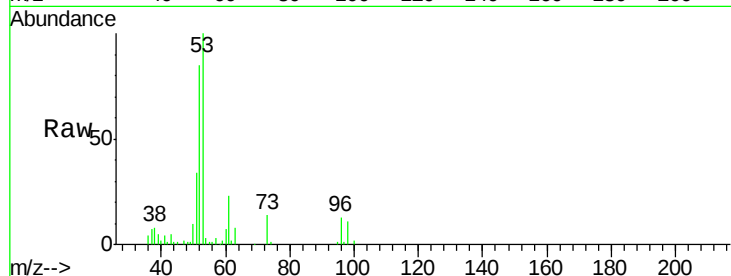
ClientSampleId :

VW0628SBS01

Tot Ion:	53	Resp:	49114
Ion Ratio	Lower	Upper	
53	100		
52	85.0	66.6	100.0
51	38.3	30.6	46.0

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#16

Acetone

Concen: 119.52 ug/l

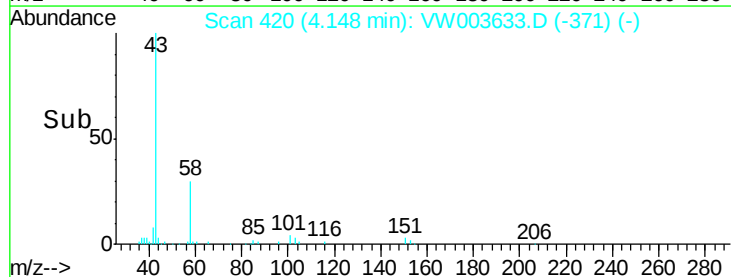
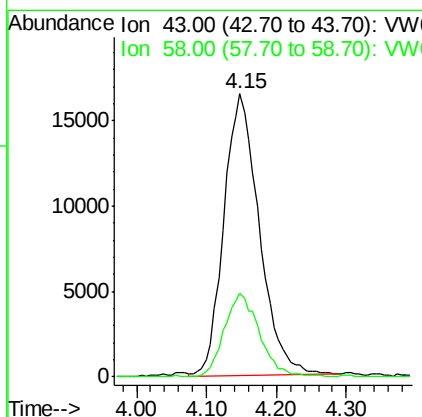
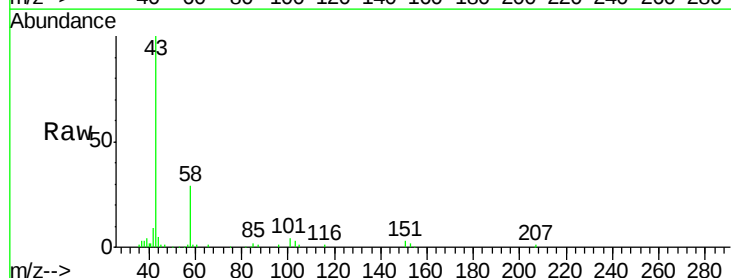
RT: 4.15 min Scan# 420

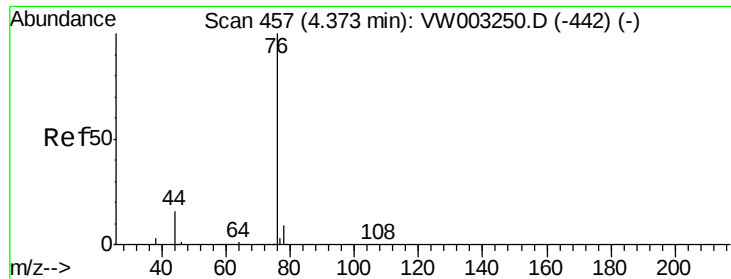
Delta R.T. 0.00 min

Lab File: VW003633.D

Acq: 28 Jun 2018 12:57

Tgt Ion:	43	Resp:	58002
Ion Ratio	Lower	Upper	
43	100		
58	29.7	22.6	34.0





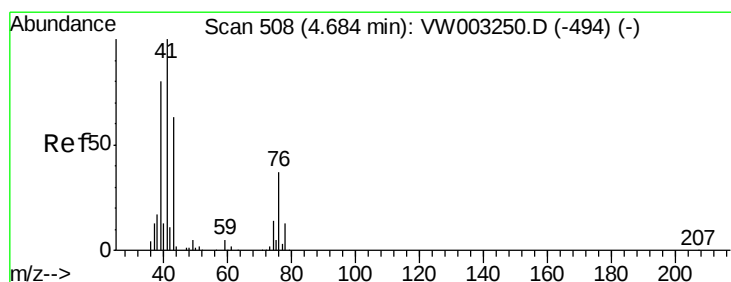
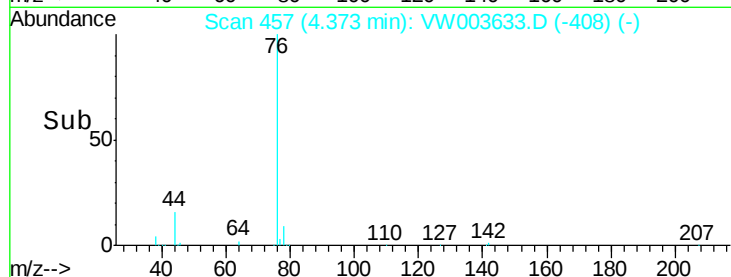
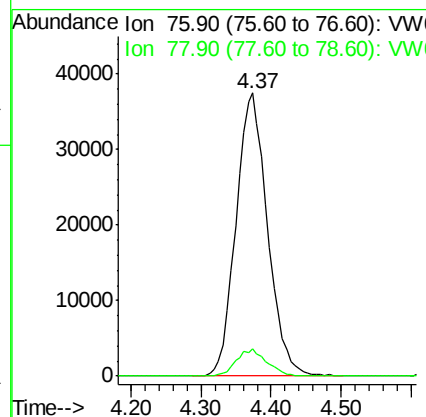
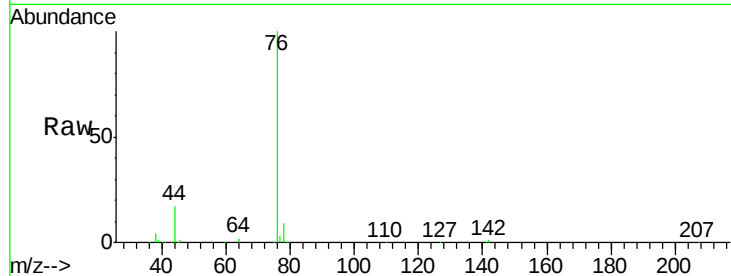
#17
Carbon Disulfide
Concen: 20.48 ug/l
RT: 4.37 min Scan# 457
Delta R.T. 0.00 min
Lab File: VW003633.D
Acq: 28 Jun 2018 12:57

Instrument :
MSVOA_W
ClientSampleId :
VW0628SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.1	10.7

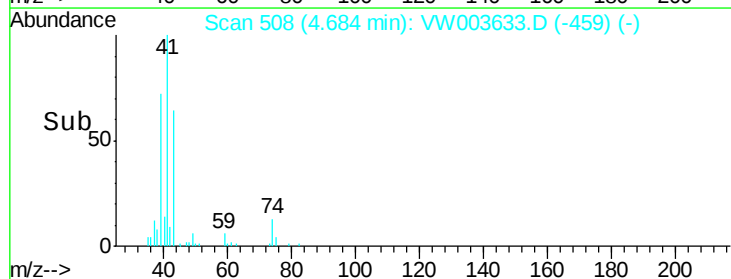
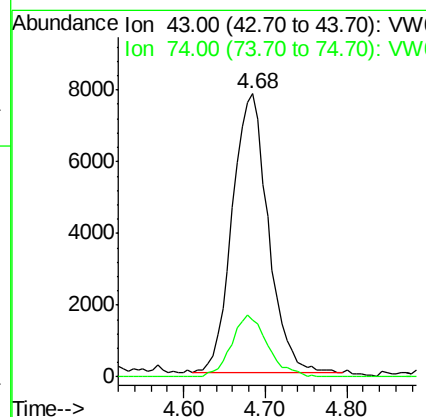
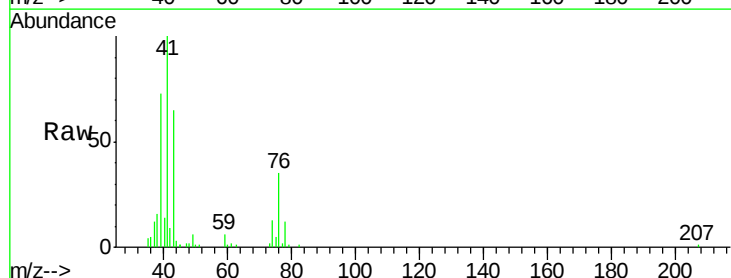
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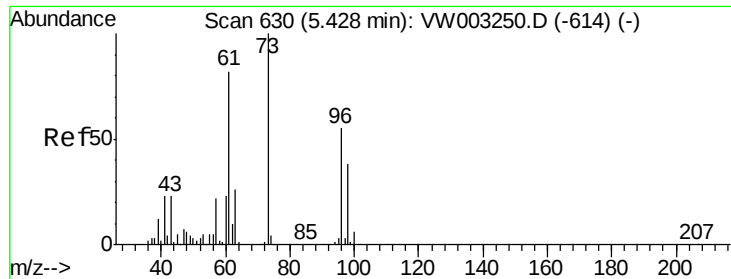
apatel
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#18
Methyl Acetate
Concen: 20.60 ug/l
RT: 4.68 min Scan# 508
Delta R.T. 0.00 min
Lab File: VW003633.D
Acq: 28 Jun 2018 12:57

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.4	18.7	28.1





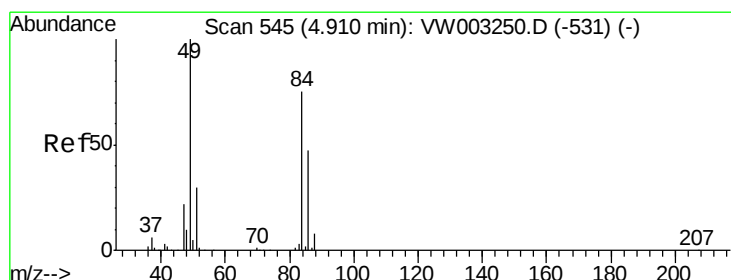
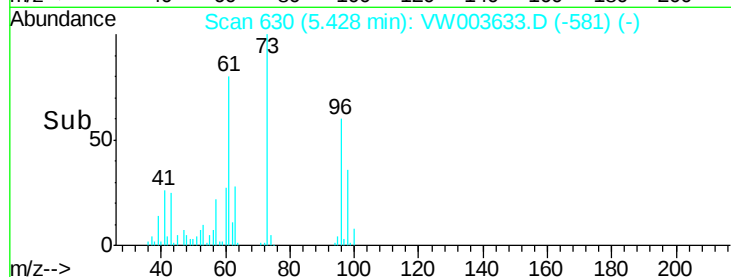
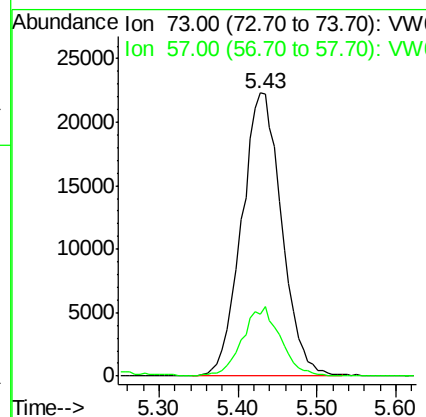
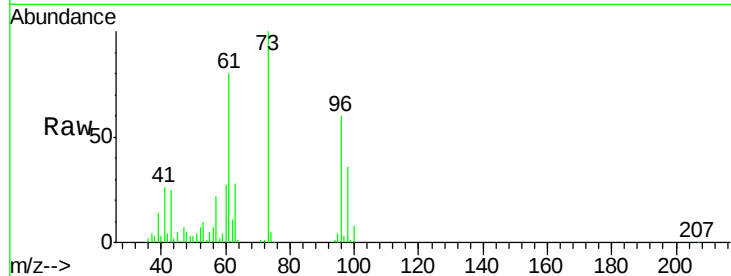
#19
Methvl tert-butvl Ether
Concen: 21.67 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.00 min
Lab File: VW003633.D
Acq: 28 Jun 2018 12:57

Instrument :
MSVOA_W
ClientSampleId :
VW0628SBSD01

Tot Ion: 73 Resp: 78482
Ion Ratio Lower Upper
73 100
57 21.7 18.0 27.0

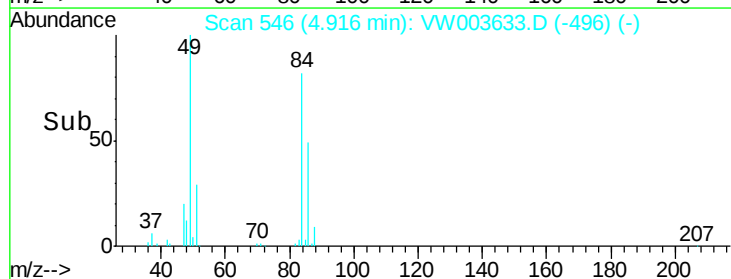
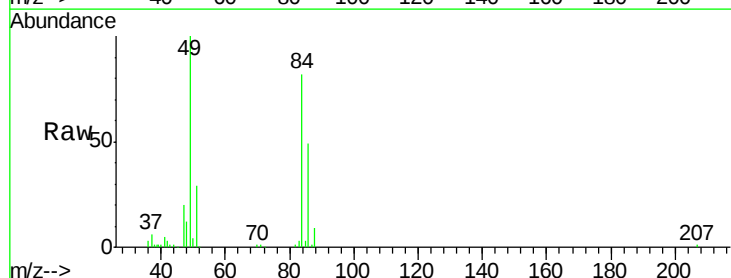
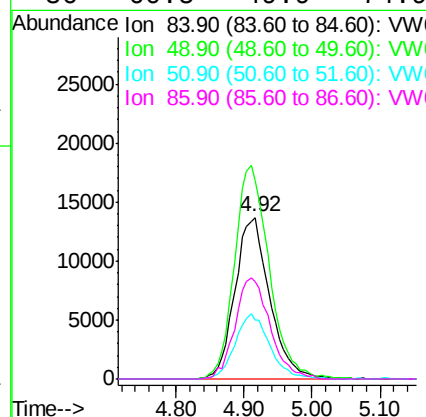
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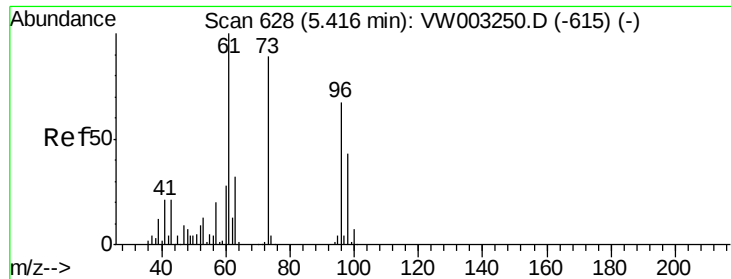
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#20
Methylene Chloride
Concen: 21.43 ug/l
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW003633.D
Acq: 28 Jun 2018 12:57

Tgt Ion: 84 Resp: 48494
Ion Ratio Lower Upper
84 100
49 122.7 106.3 159.5
51 36.1 32.0 48.0
86 60.5 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 21.53 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.00 min

Lab File: VW003633.D

Acq: 28 Jun 2018 12:57

Instrument :

MSVOA_W

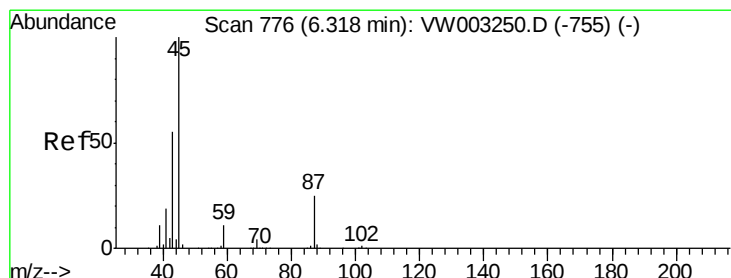
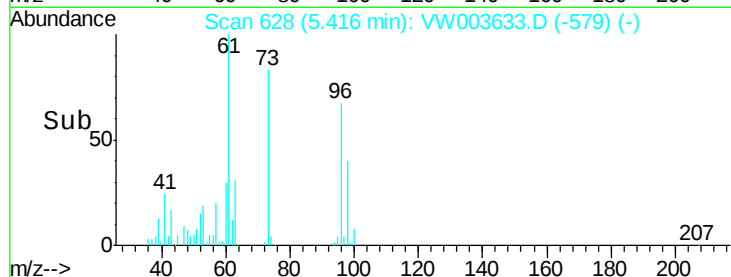
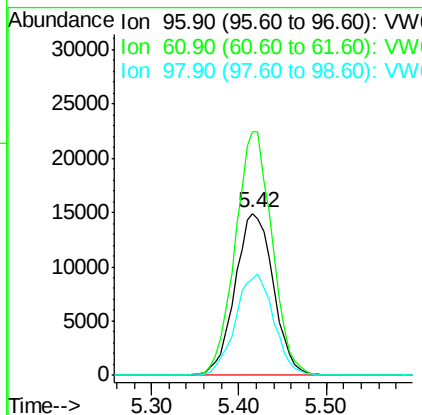
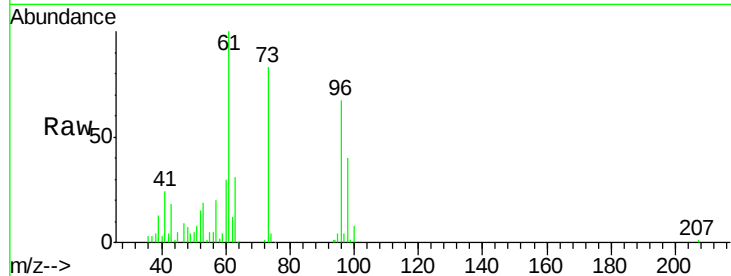
ClientSampleId :

VW0628SBS01

Tot Ion:	96	Resp:	45314
Ion	Ratio	Lower	Upper
96	100		
61	150.2	118.7	178.1
98	59.6	51.0	76.6

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#22

Diisopropyl ether

Concen: 21.85 ug/l

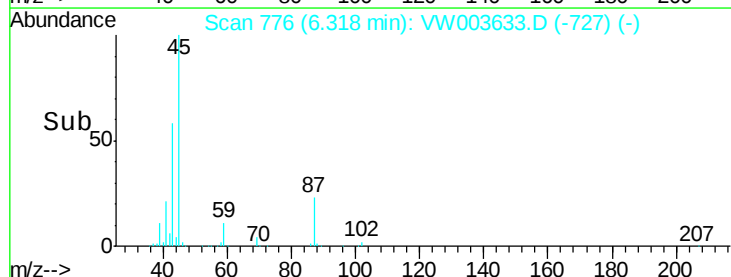
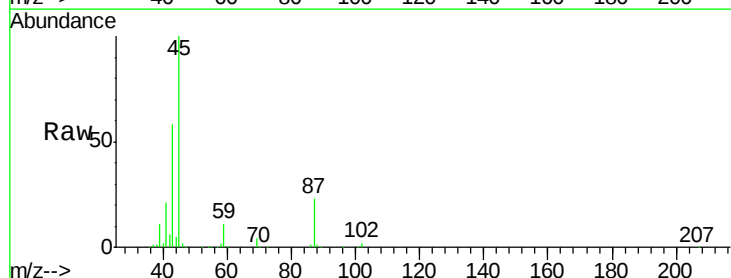
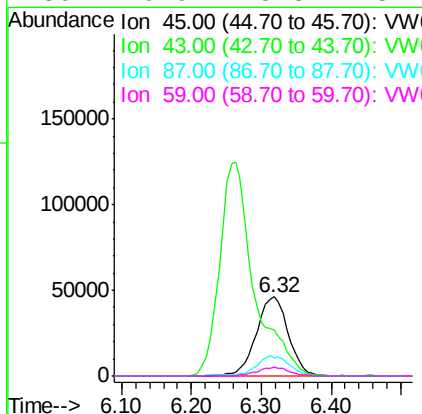
RT: 6.32 min Scan# 776

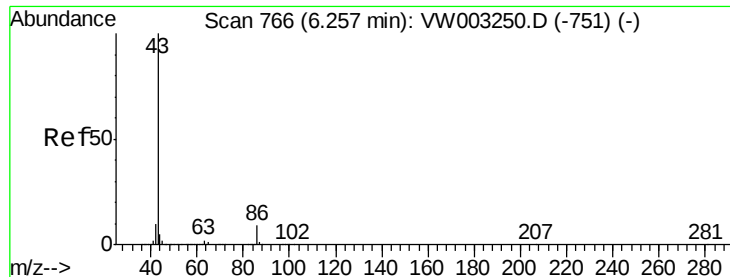
Delta R.T. 0.00 min

Lab File: VW003633.D

Acq: 28 Jun 2018 12:57

Tgt Ion:	45	Resp:	147334
Ion	Ratio	Lower	Upper
45	100		
43	57.2	44.0	66.0
87	23.1	20.6	31.0
59	10.9	8.8	13.2





#23

Vinyl Acetate

Concen: 109.01 ug/l

RT: 6.26 min Scan# 767

Delta R.T. 0.01 min

Lab File: VW003633.D

Acq: 28 Jun 2018 12:57

Tot Ion: 43 Resp: 423501

Ion Ratio Lower Upper

43 100

86 8.9 7.5 11.3

Instrument :

MSVOA_W

ClientSampleId :

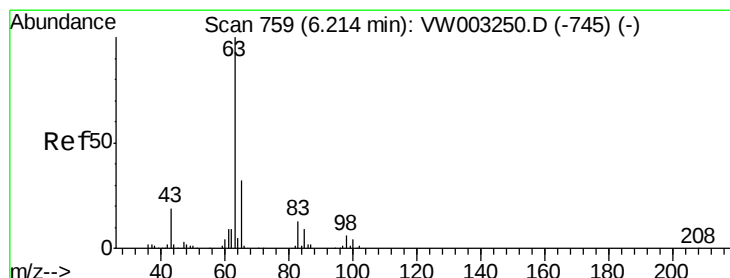
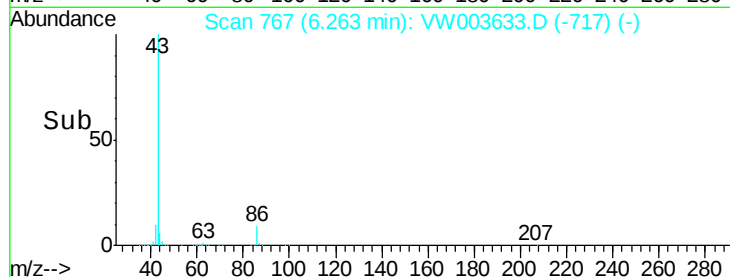
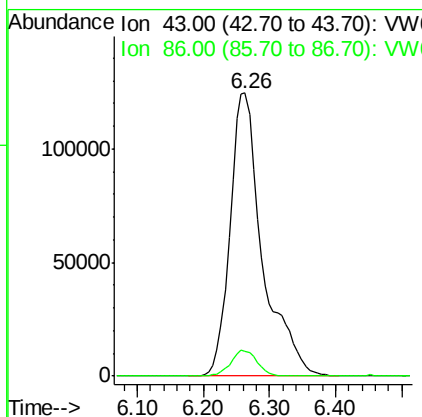
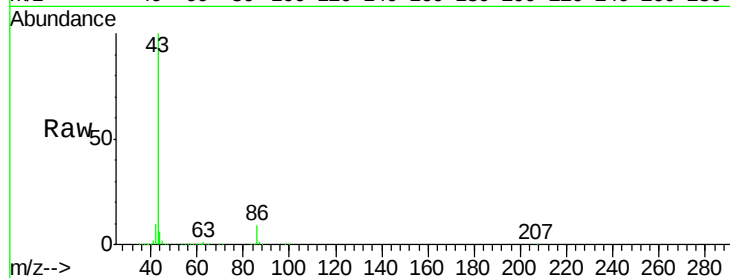
VW0628SBS01

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#24

1,1-Dichloroethane

Concen: 21.65 ug/l

RT: 6.22 min Scan# 760

Delta R.T. 0.01 min

Lab File: VW003633.D

Acq: 28 Jun 2018 12:57

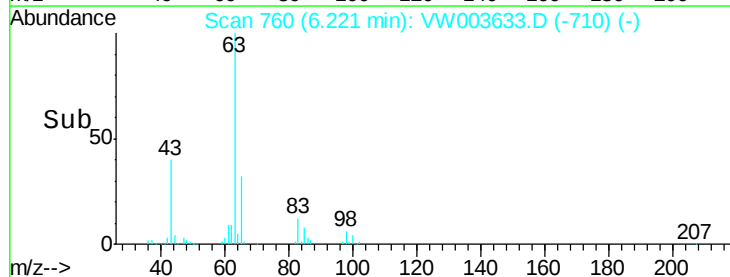
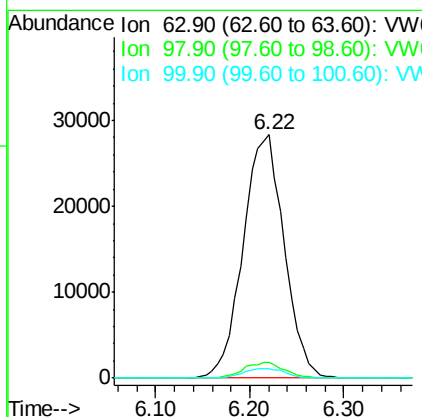
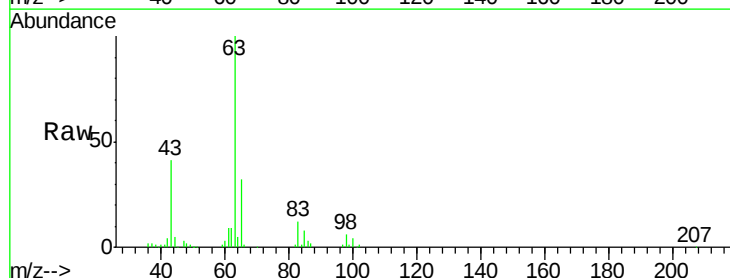
Tgt Ion: 63 Resp: 86654

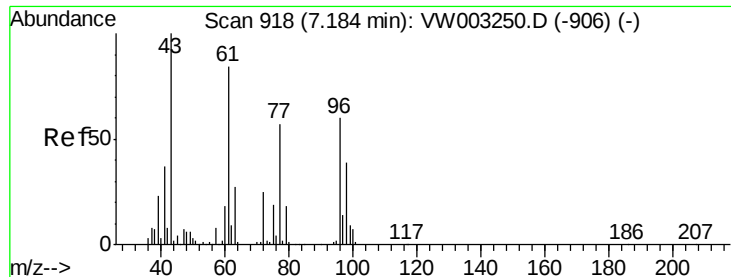
Ion Ratio Lower Upper

63 100

98 6.5 2.8 8.3

100 3.7 2.1 6.5





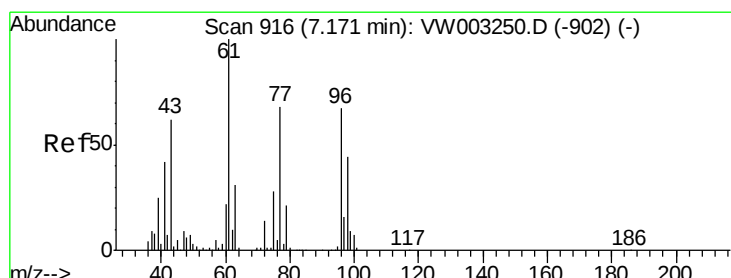
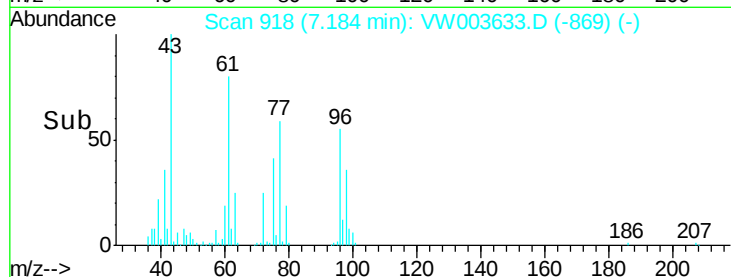
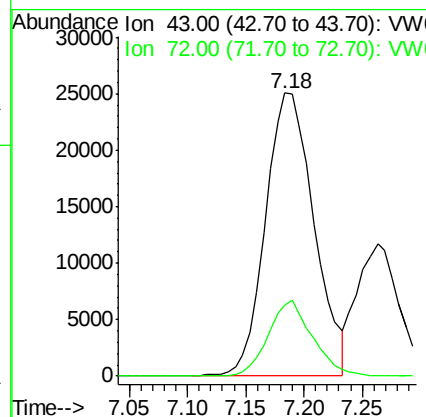
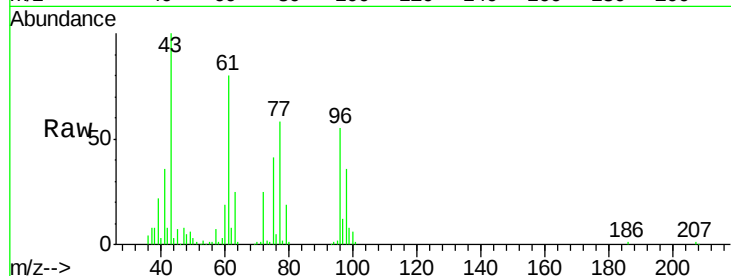
#25
2-Butanone
Concen: 120.26 ug/l
RT: 7.18 min Scan# 918
Delta R.T. 0.00 min
Lab File: VW003633.D
Acq: 28 Jun 2018 12:57

Instrument :
MSVOA_W
ClientSampleId :
VW0628SBS01

Tot Ion: 43 Resp: 72572
Ion Ratio Lower Upper
43 100
72 24.9 20.3 30.5

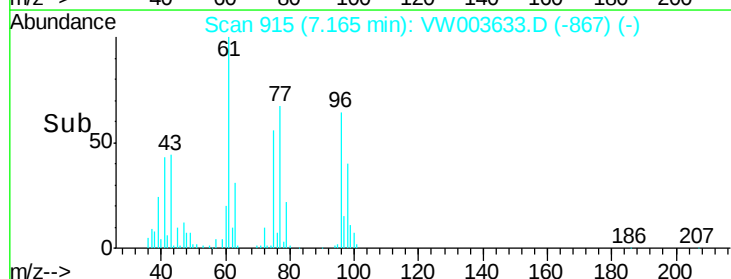
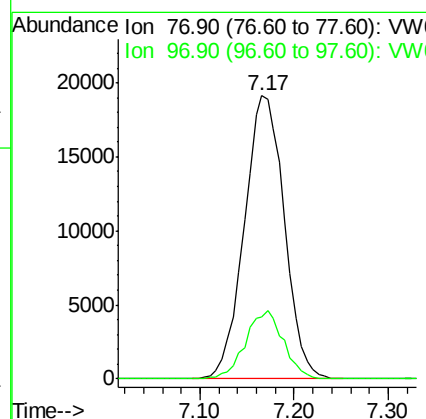
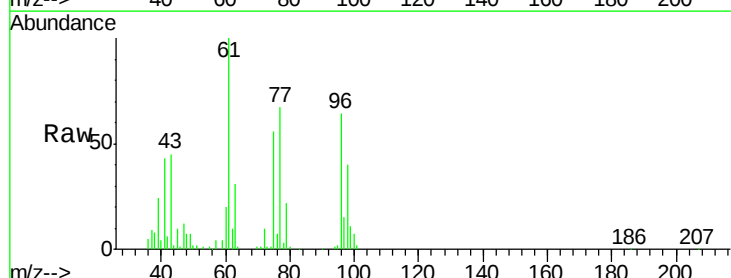
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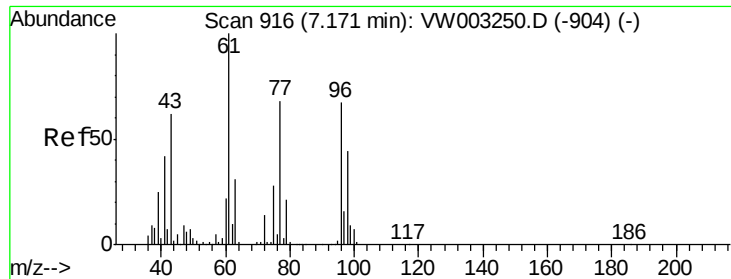
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6/29/2018 10:22:03 AM



#26
2,2-Dichloropropane
Concen: 21.15 ug/l
RT: 7.17 min Scan# 915
Delta R.T. -0.01 min
Lab File: VW003633.D
Acq: 28 Jun 2018 12:57

Tgt Ion: 77 Resp: 56493
Ion Ratio Lower Upper
77 100
97 22.9 11.3 33.9





#27

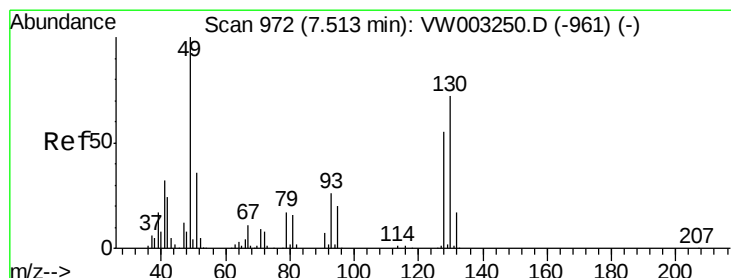
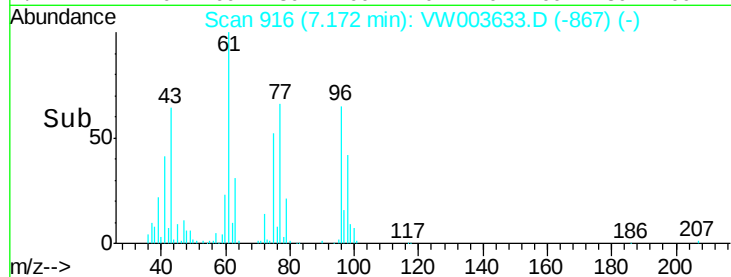
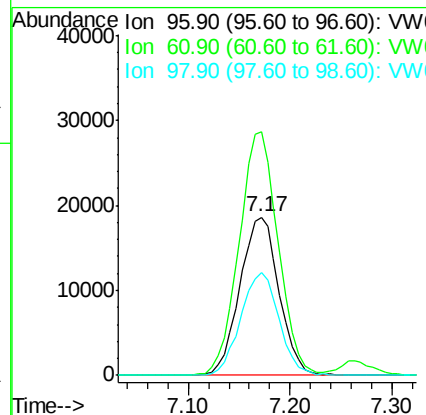
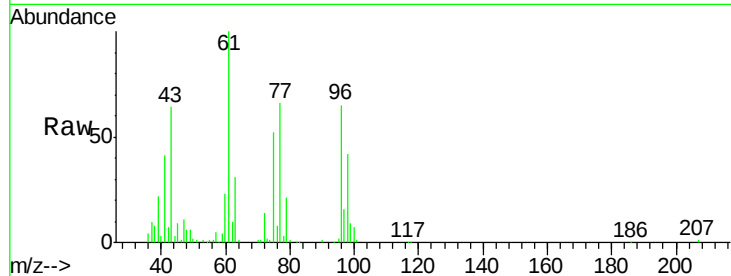
cis-1,2-Dichloroethene
 Concen: 21.46 ug/l
 RT: 7.17 min Scan# 916
 Delta R.T. 0.00 min
 Lab File: VW003633.D
 Acq: 28 Jun 2018 12:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0628SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	49615		
61	153.5		0.0	298.8
98	63.6		0.0	130.4

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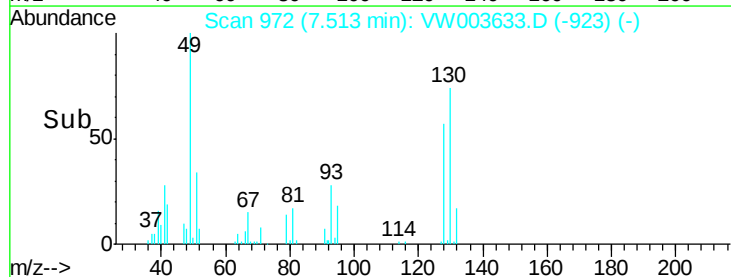
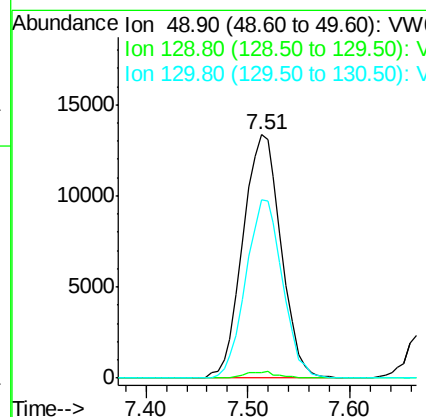
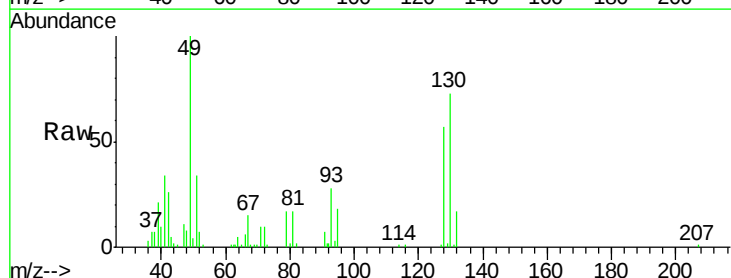
apatel
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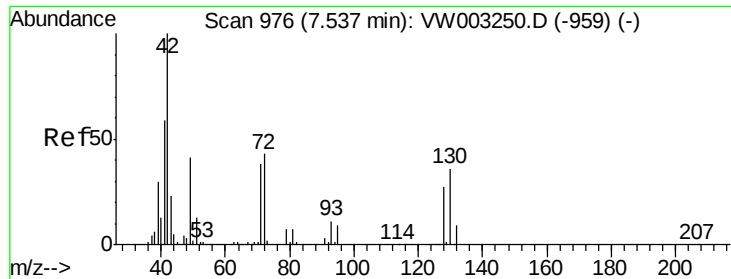


#28

Bromochloromethane
 Concen: 20.83 ug/l
 RT: 7.51 min Scan# 972
 Delta R.T. 0.00 min
 Lab File: VW003633.D
 Acq: 28 Jun 2018 12:57

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	34685		
129	2.1		0.0	4.6
130	70.6		59.4	89.2





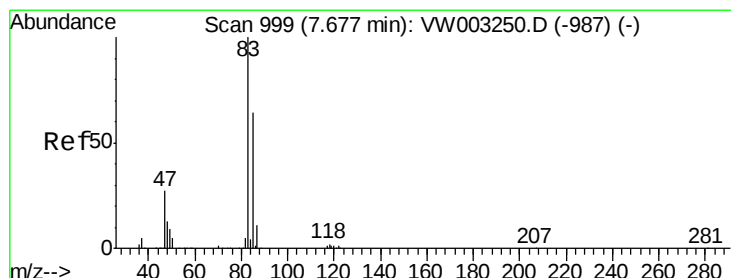
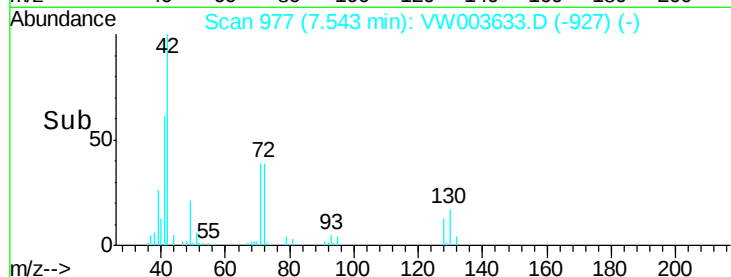
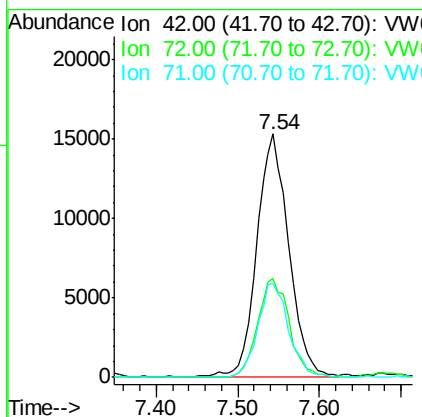
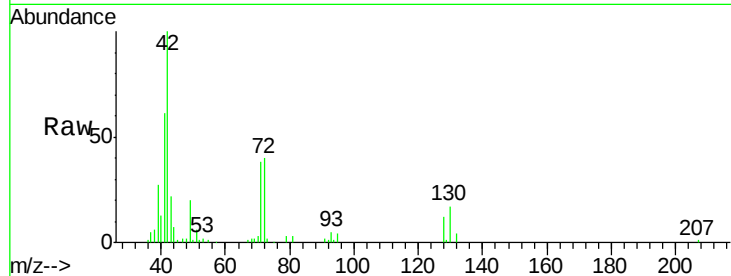
#29
Tetrahydrofuran
Concen: 113.78 ug/l
RT: 7.54 min Scan# 977
Delta R.T. 0.01 min
Lab File: VW003633.D
Acq: 28 Jun 2018 12:57

Instrument :
MSVOA_W
ClientSampleId :
VW0628SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.8	32.4	48.6
71	37.2	31.2	46.8

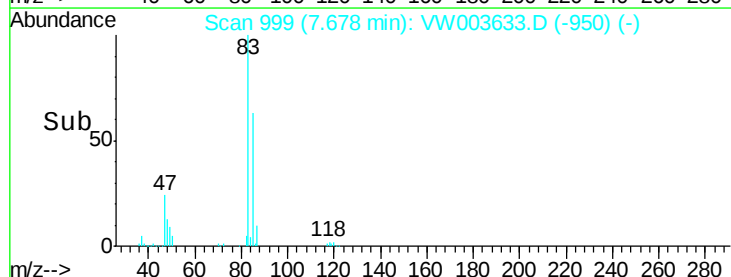
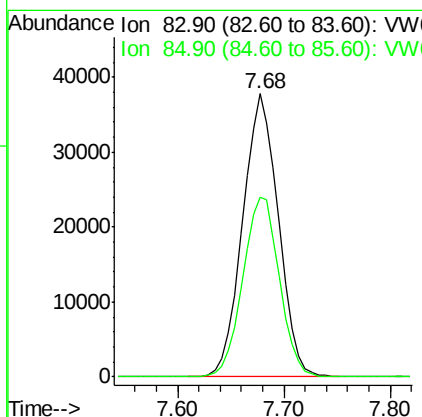
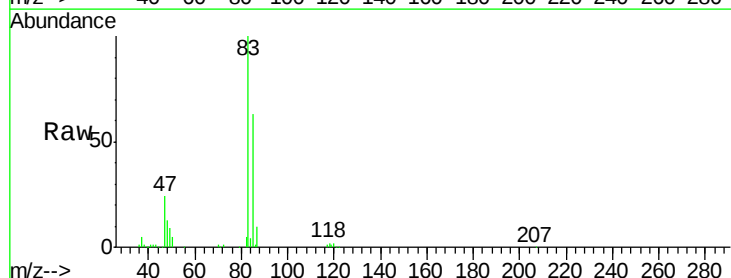
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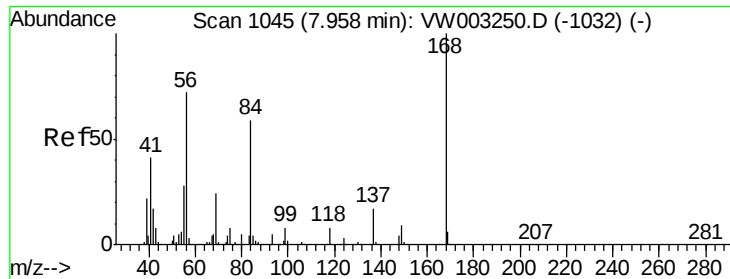
apatel
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#30
Chloroform
Concen: 21.85 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW003633.D
Acq: 28 Jun 2018 12:57

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.3	51.3	76.9





#31

Cyclohexane

Concen: 20.78 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. 0.00 min

Lab File: VW003633.D

Acq: 28 Jun 2018 12:57

Instrument :

MSVOA_W

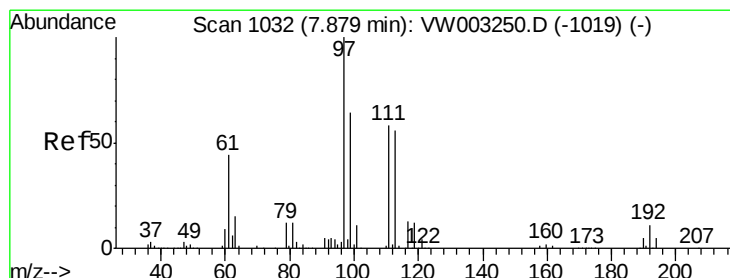
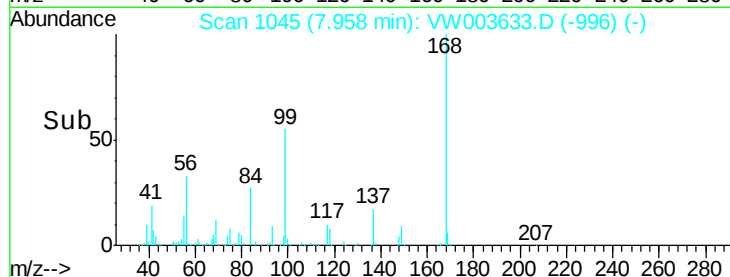
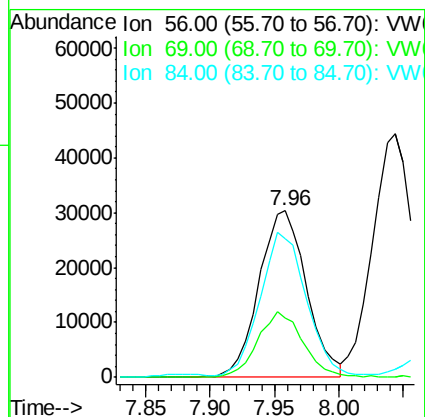
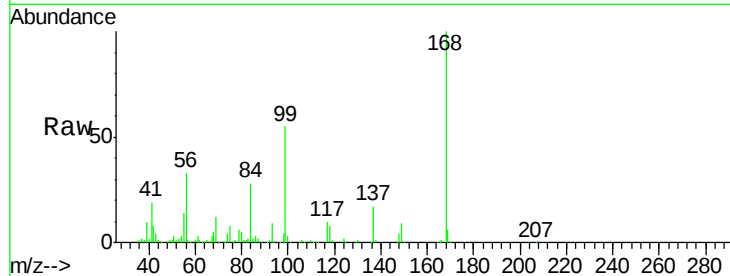
ClientSampleId :

VW0628SBS01

Tot Ion:	56	Resp:	77701
Ion	Ratio	Lower	Upper
56	100		
69	35.9	26.3	39.5
84	82.2	65.7	98.5

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#32

1,1,1-Trichloroethane

Concen: 21.31 ug/l

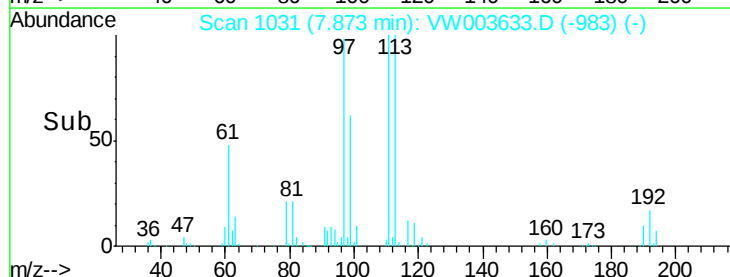
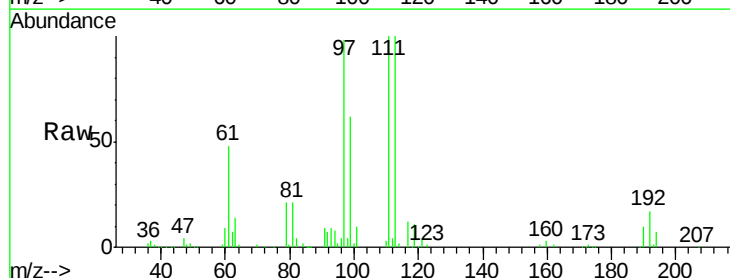
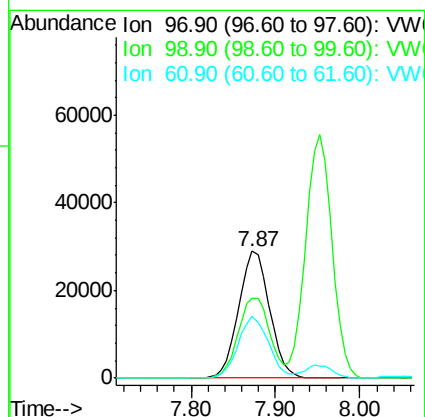
RT: 7.87 min Scan# 1031

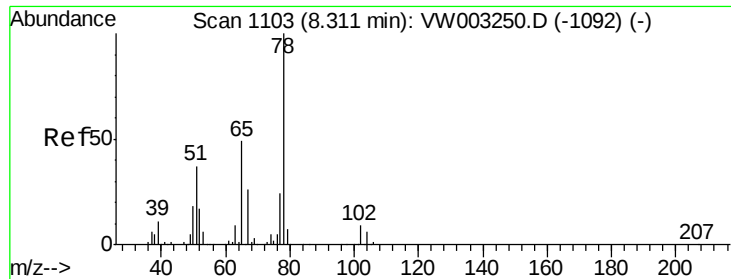
Delta R.T. -0.01 min

Lab File: VW003633.D

Acq: 28 Jun 2018 12:57

Tgt Ion:	97	Resp:	71718
Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.7	77.5
61	48.1	37.6	56.4





#33

1,2-Dichloroethane-d4

Concen: 51.97 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW003633.D

Acq: 28 Jun 2018 12:57

Instrument :

MSVOA_W

ClientSampleId :

VW0628SBS01

Tot Ion: 65 Resp: 120264

Ion Ratio Lower Upper

65 100

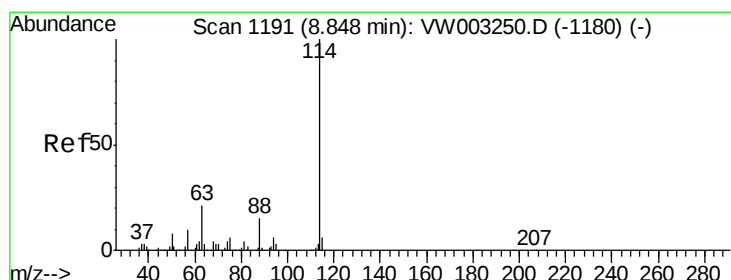
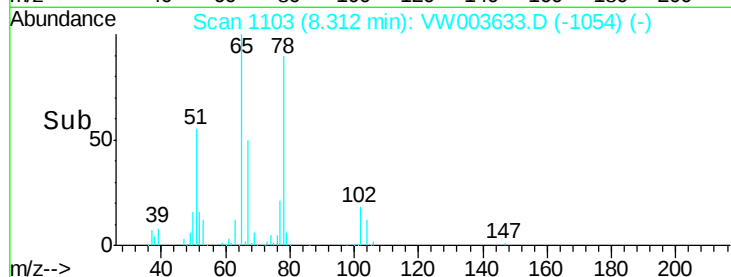
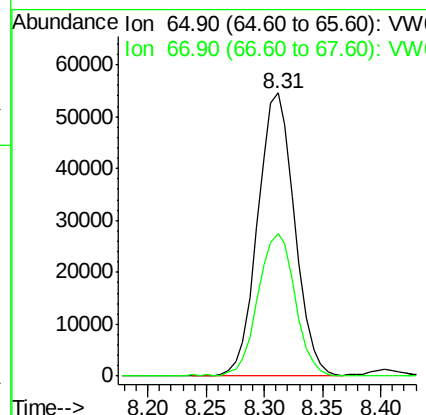
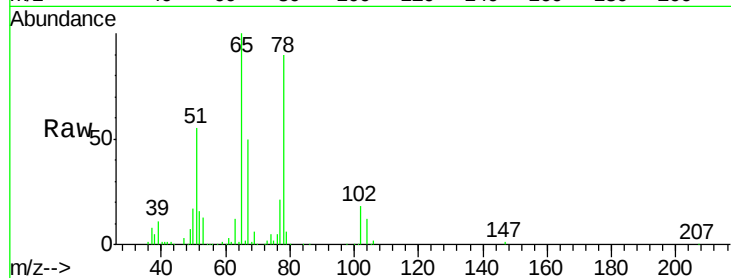
67 50.7 0.0 104.2

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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: VW003633.D

Acq: 28 Jun 2018 12:57

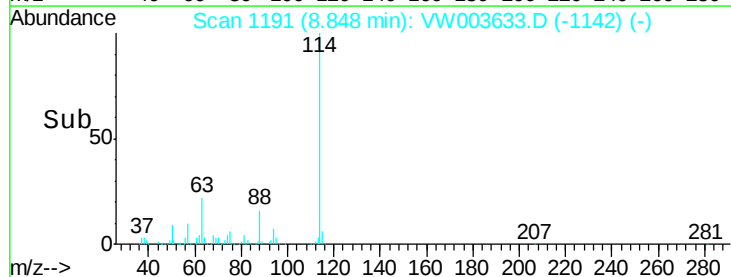
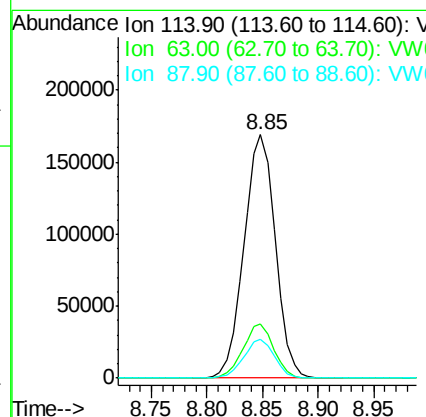
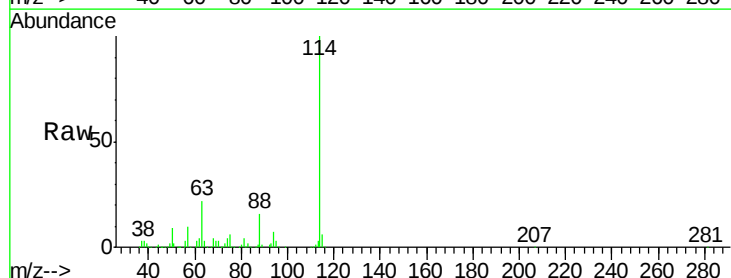
Tgt Ion: 114 Resp: 329990

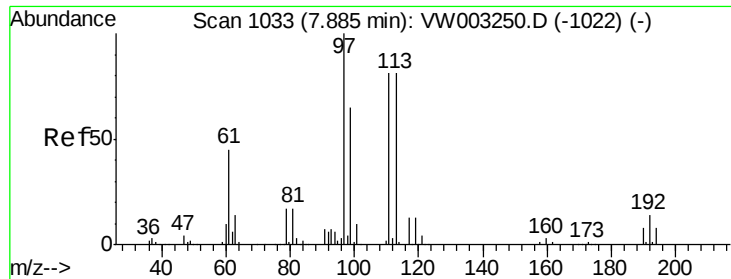
Ion Ratio Lower Upper

114 100

63 22.3 0.0 43.0

88 16.0 0.0 29.6





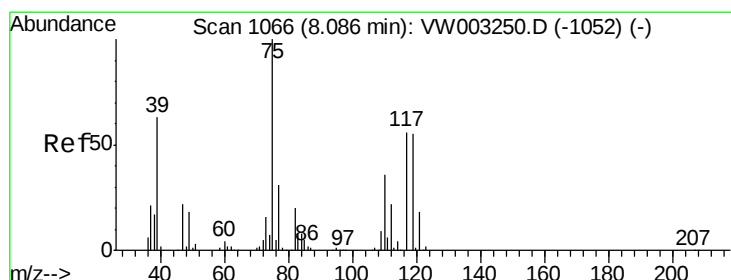
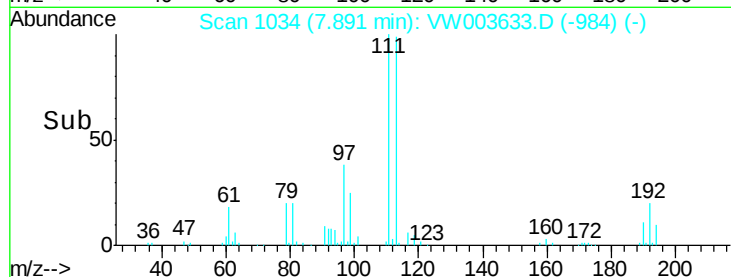
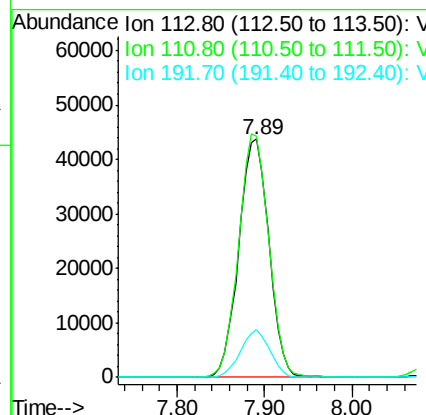
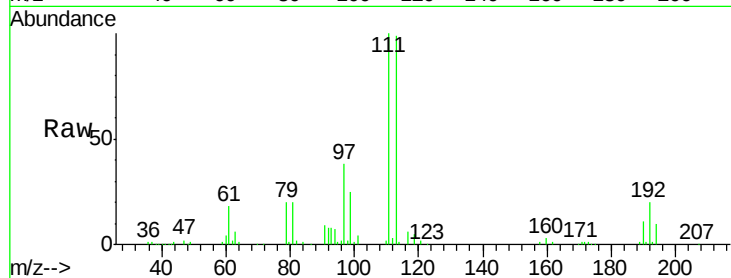
#35
Dibromofluoromethane
Concen: 51.14 ug/l
RT: 7.89 min Scan# 1034
Delta R.T. 0.01 min
Lab File: VW003633.D
Acq: 28 Jun 2018 12:57

Instrument :
MSVOA_W
ClientSampleId :
VW0628SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	102.3	82.2	123.2	
192	19.4	16.2	24.2	

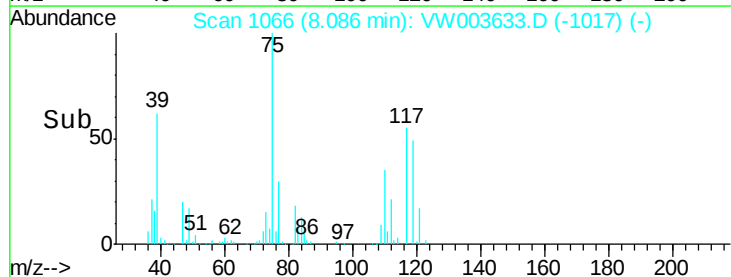
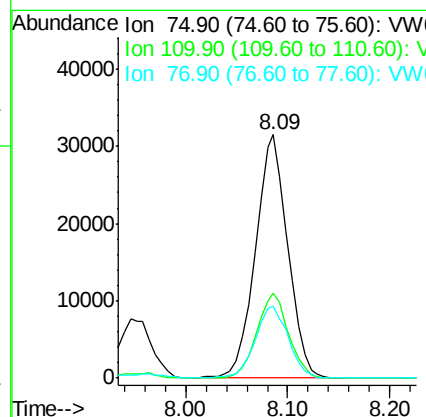
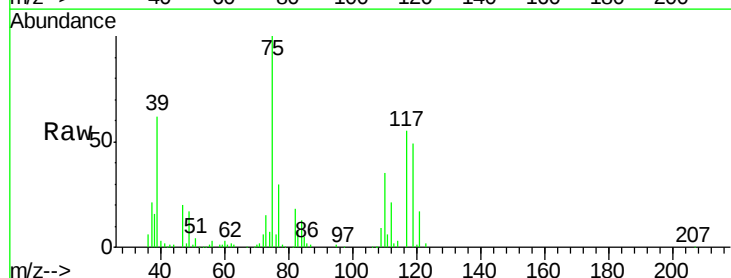
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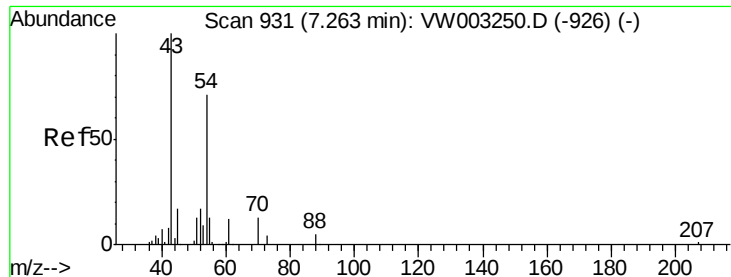
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#36
1,1-Dichloropropene
Concen: 21.80 ug/l
RT: 8.09 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW003633.D
Acq: 28 Jun 2018 12:57

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	34.2	17.1	51.3	
77	30.3	24.9	37.3	





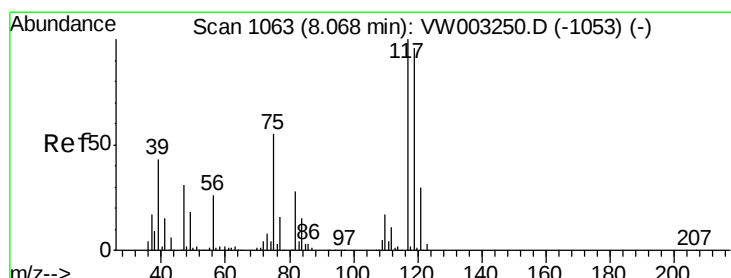
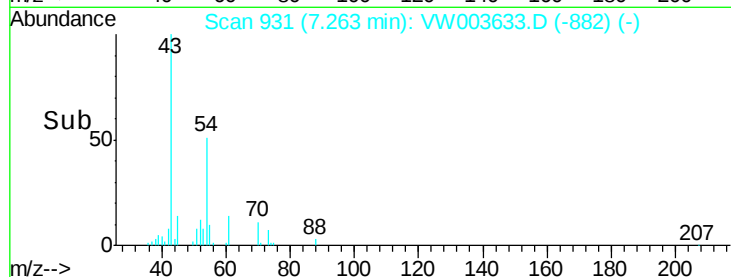
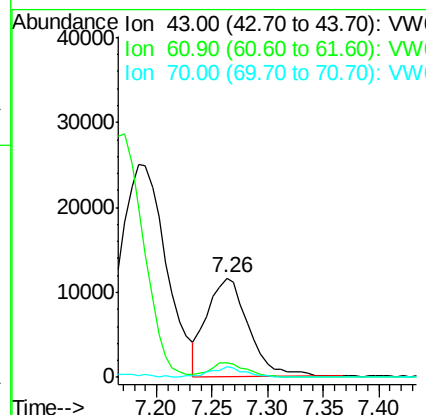
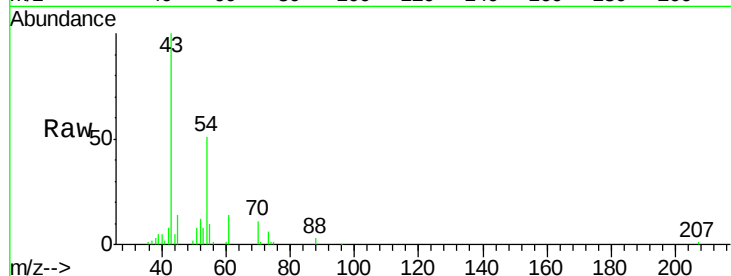
#37
Ethyl Acetate
Concen: 22.76 ug/l
RT: 7.26 min Scan# 931
Delta R.T. 0.00 min
Lab File: VW003633.D
Acq: 28 Jun 2018 12:57

Instrument :
MSVOA_W
ClientSampleID :
VW0628SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.2	10.8	16.2
70	9.4	7.8	11.6

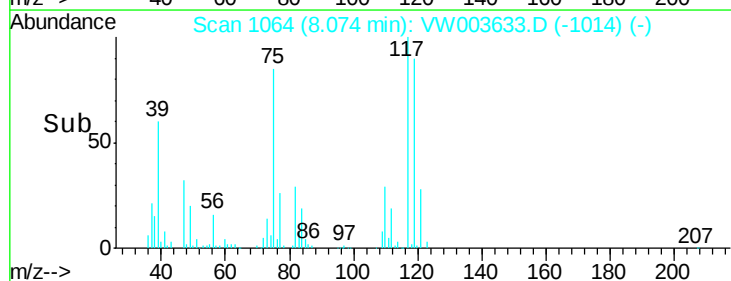
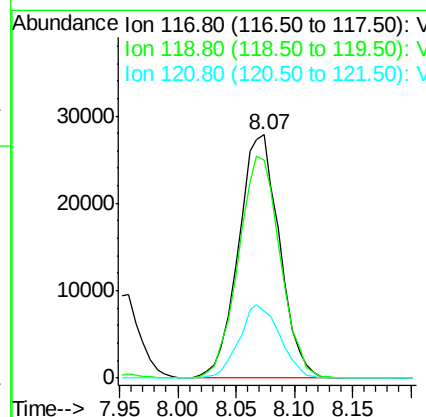
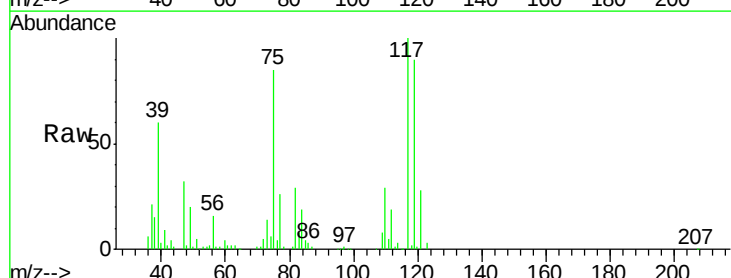
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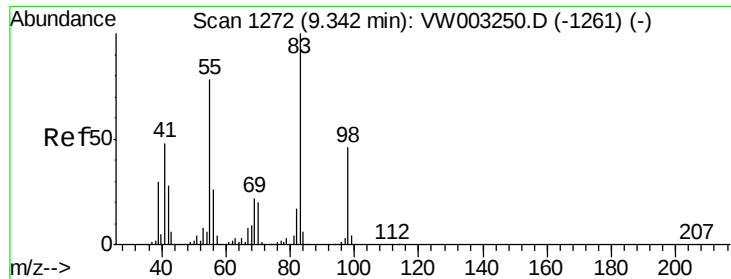
apatel
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#38
Carbon Tetrachloride
Concen: 21.87 ug/l
RT: 8.07 min Scan# 1064
Delta R.T. 0.01 min
Lab File: VW003633.D
Acq: 28 Jun 2018 12:57

Tgt Ion	Ratio	Lower	Upper
117	100		
119	89.6	76.6	115.0
121	27.7	23.9	35.9





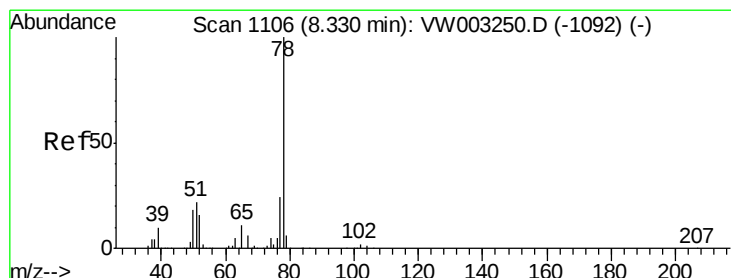
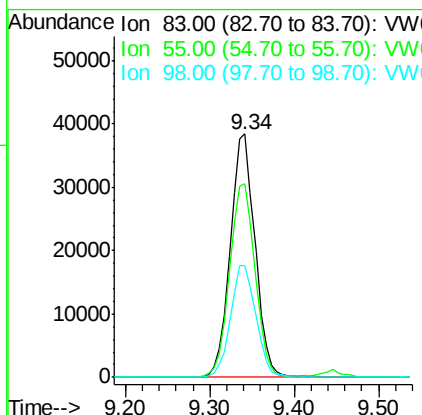
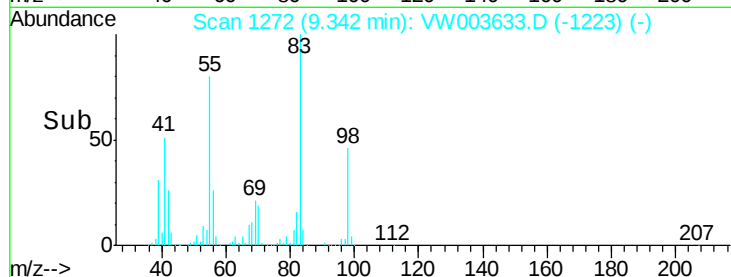
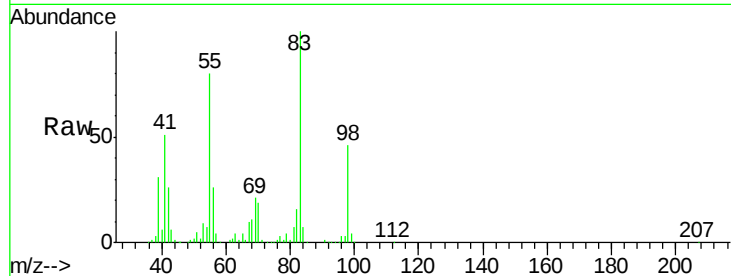
#39
Methvlcvclohexane
Concen: 20.80 ug/l
RT: 9.34 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VW003633.D
Acq: 28 Jun 2018 12:57

Instrument :
MSVOA_W
ClientSampleId :
VW0628SBSD01

Tot Ion	83	Resp	76681
Ion Ratio	100	Lower	Upper
83	100		
55	79.7	62.6	93.8
98	45.8	37.0	55.4

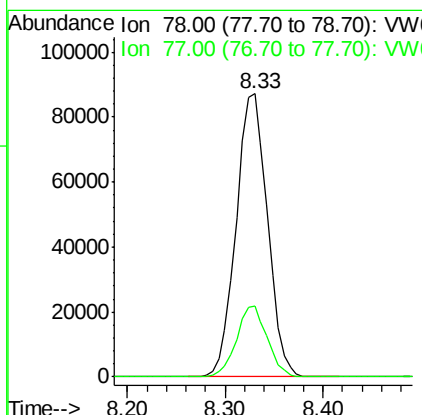
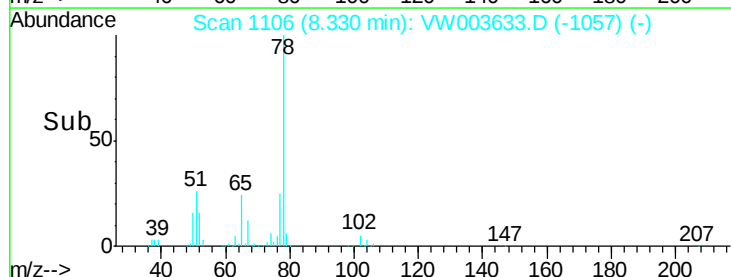
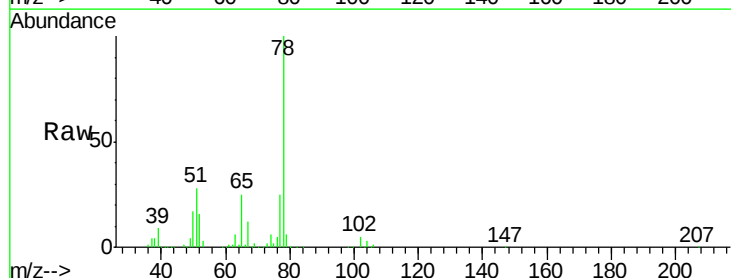
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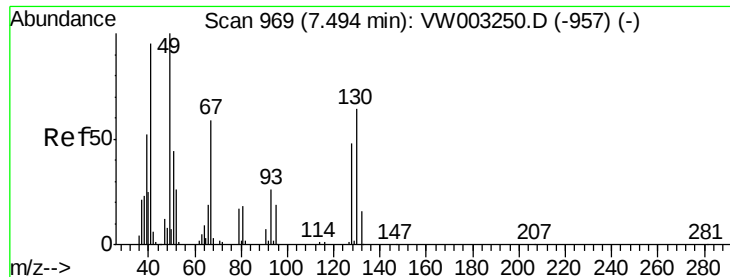
apatel
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#40
Benzene
Concen: 22.10 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VW003633.D
Acq: 28 Jun 2018 12:57

Tgt Ion	78	Resp	194164
Ion Ratio	100	Lower	Upper
78	100		
77	25.1	19.0	28.6





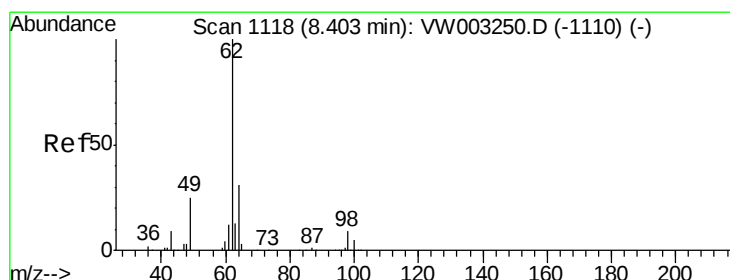
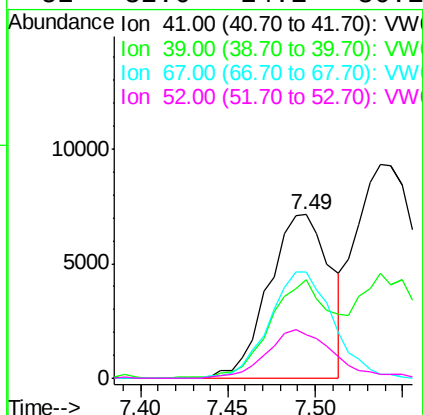
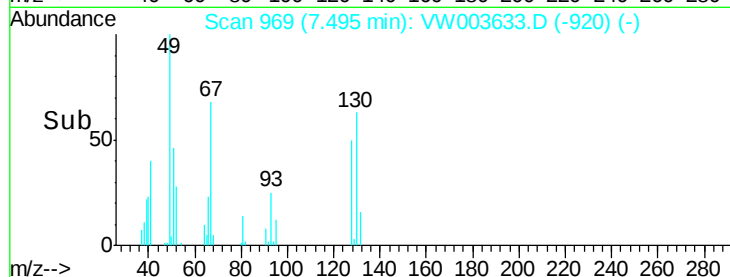
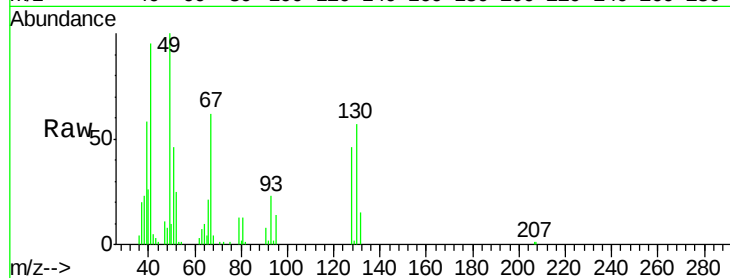
#41
Methacrylonitrile
Concen: 21.67 ug/l
RT: 7.49 min Scan# 969
Delta R.T. 0.00 min
Lab File: VW003633.D
Acq: 28 Jun 2018 12:57

Instrument :
MSVOA_W
ClientSampleId :
VW0628SBS01

Tot Ion	41	Resp	17556
Ion	Ratio	Lower	Upper
41	100		
39	64.1	45.8	68.8
67	67.2	52.3	78.5
52	32.6	24.1	36.1

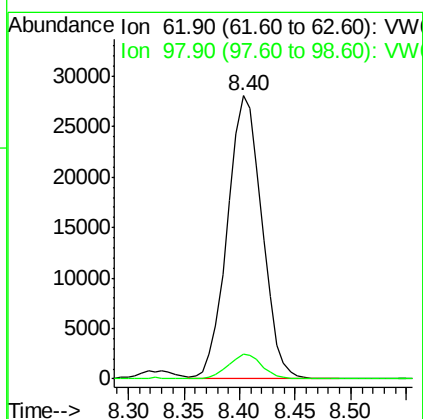
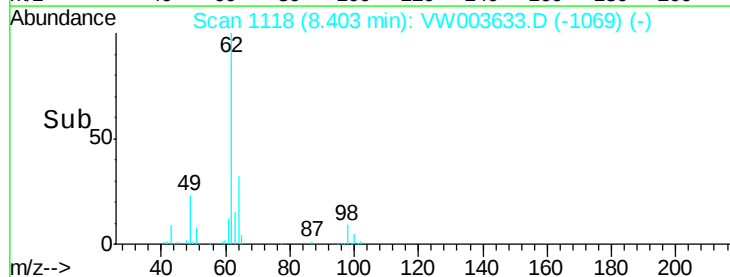
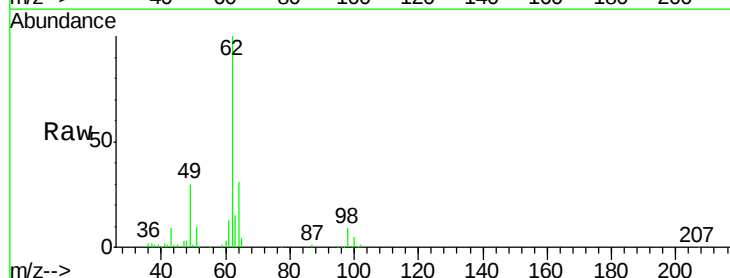
Manual Integrations
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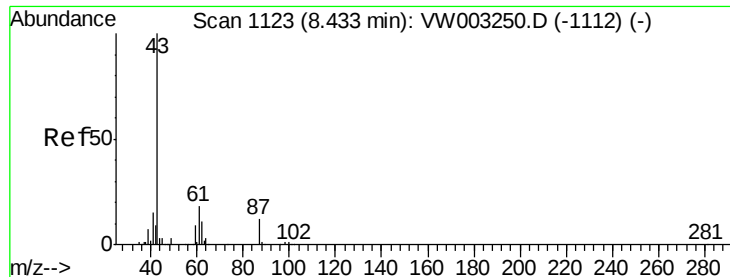
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#42
1,2-Dichloroethane
Concen: 21.96 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW003633.D
Acq: 28 Jun 2018 12:57

Tgt Ion	62	Resp	60425
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	17.2





#43

Isopropyl Acetate

Concen: 22.17 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VW003633.D

Acq: 28 Jun 2018 12:57

Instrument :

MSVOA_W

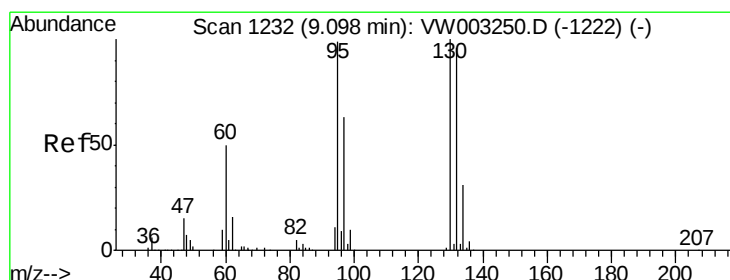
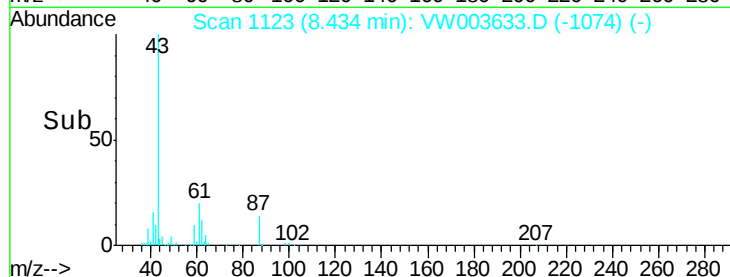
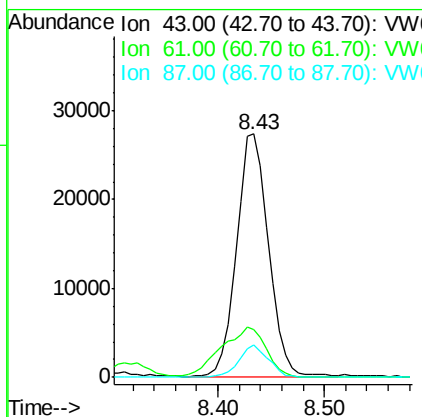
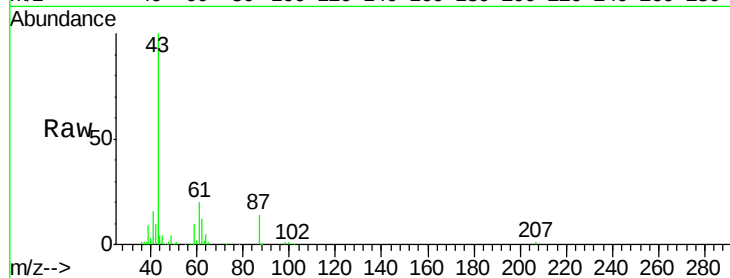
ClientSampleId :

VW0628SBS01

Tot Ion:	43	Resp:	58110
Ion	Ratio	Lower	Upper
43	100		
61	28.7	23.1	34.7
87	12.2	9.8	14.6

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#44

Trichloroethene

Concen: 21.64 ug/l

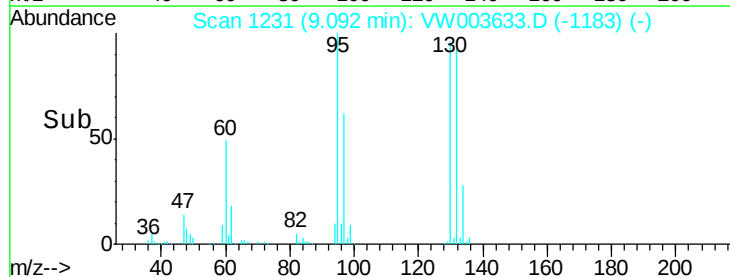
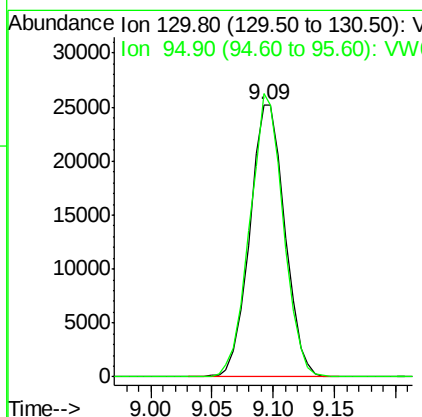
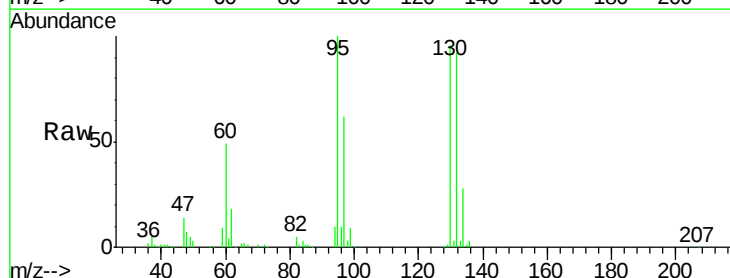
RT: 9.09 min Scan# 1231

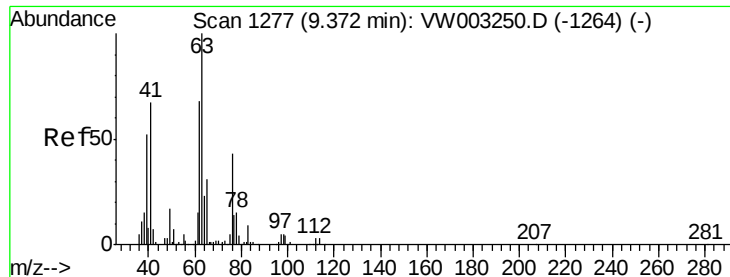
Delta R.T. -0.01 min

Lab File: VW003633.D

Acq: 28 Jun 2018 12:57

Tgt Ion:	130	Resp:	50381
Ion	Ratio	Lower	Upper
130	100		
95	104.0	0.0	198.0





#45

1,2-Dichloropropane

Concen: 22.41 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VW003633.D

Acq: 28 Jun 2018 12:57

Instrument :

MSVOA_W

ClientSampled :

VW0628SBS01

Tot Ion: 63 Resp: 50131

Ion Ratio Lower Upper

63 100

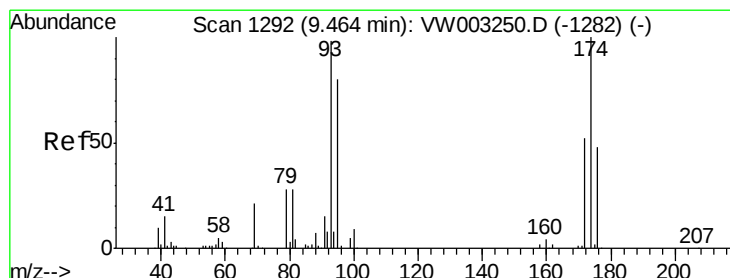
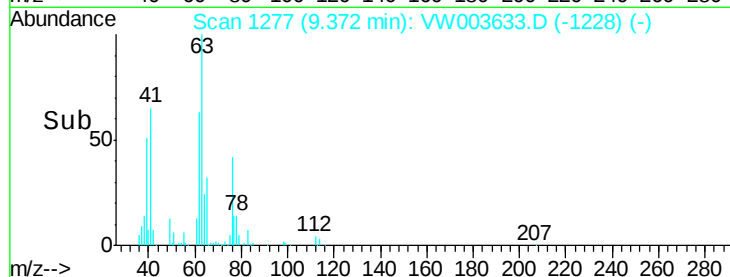
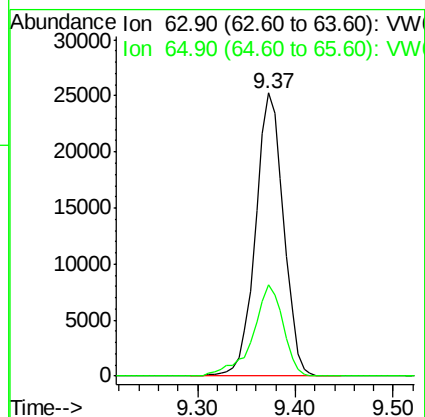
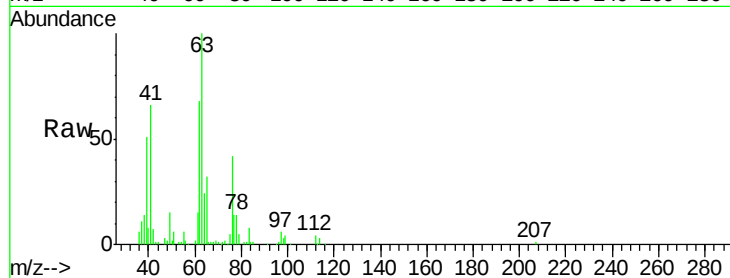
65 32.3 25.1 37.7

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#46

Dibromomethane

Concen: 22.05 ug/l

RT: 9.46 min Scan# 1292

Delta R.T. 0.00 min

Lab File: VW003633.D

Acq: 28 Jun 2018 12:57

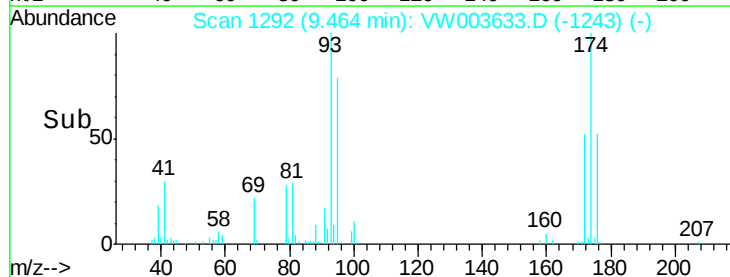
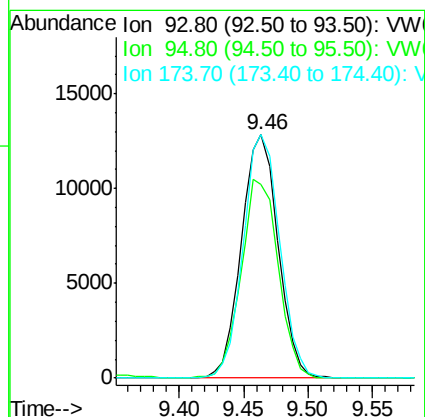
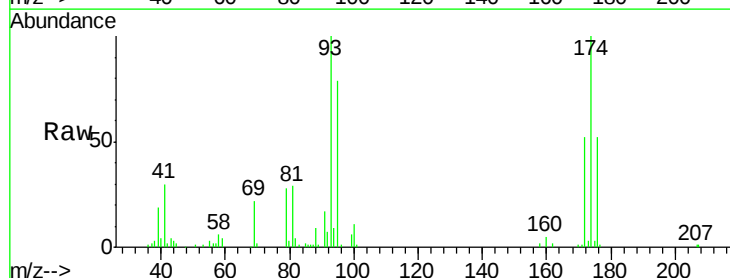
Tgt Ion: 93 Resp: 25247

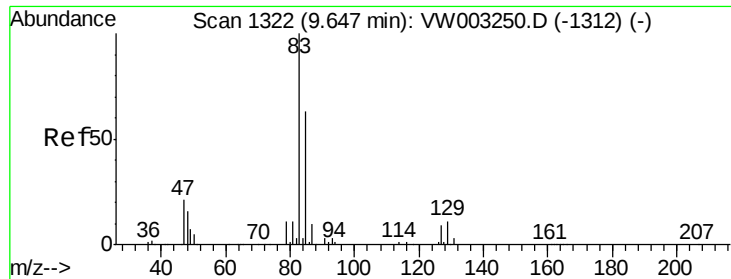
Ion Ratio Lower Upper

93 100

95 82.4 65.8 98.8

174 99.6 81.4 122.0





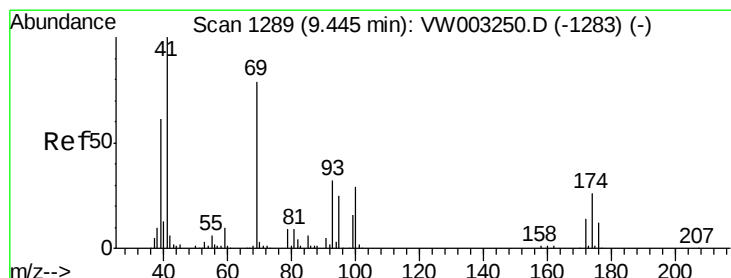
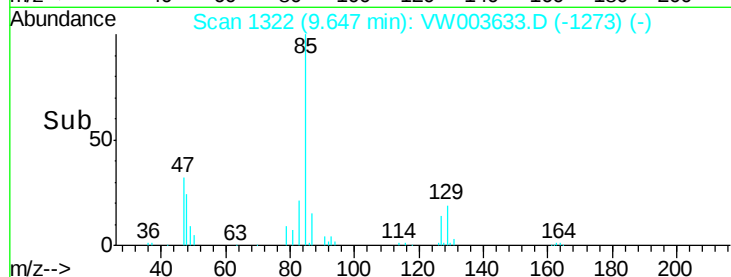
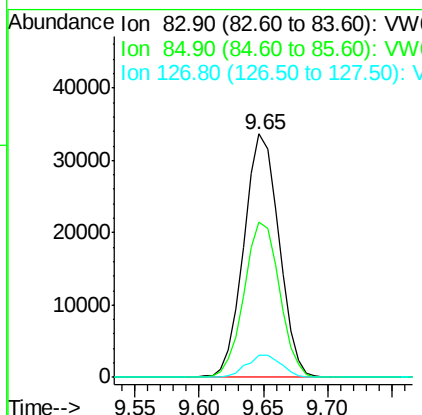
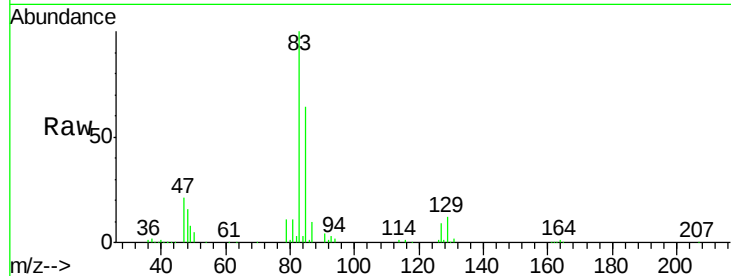
#47
Bromodichloromethane
Concen: 21.60 ug/l
RT: 9.65 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VW003633.D
Acq: 28 Jun 2018 12:57

Instrument :
MSVOA_W
ClientSampleId :
VW0628SBS01

Tot Ion	83	Resp	63400
Ion Ratio	100	Lower	Upper
83	100		
85	63.9	50.6	75.8
127	9.0	6.8	10.2

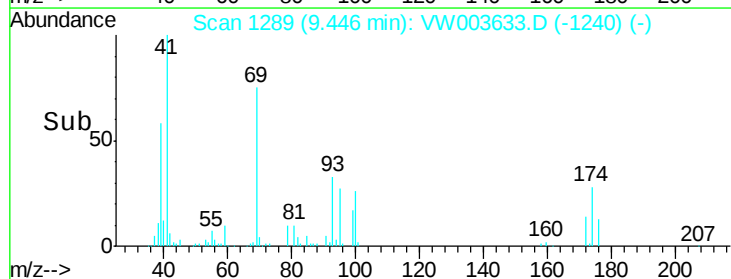
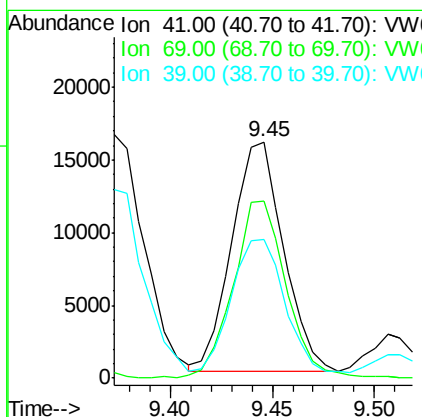
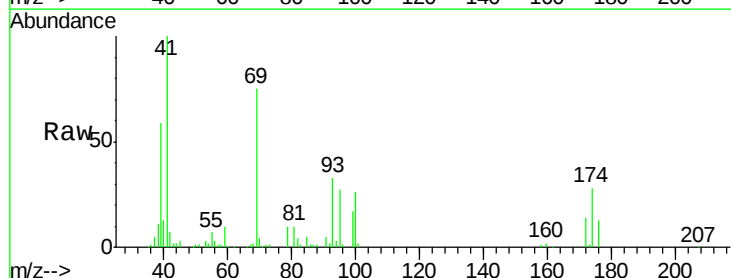
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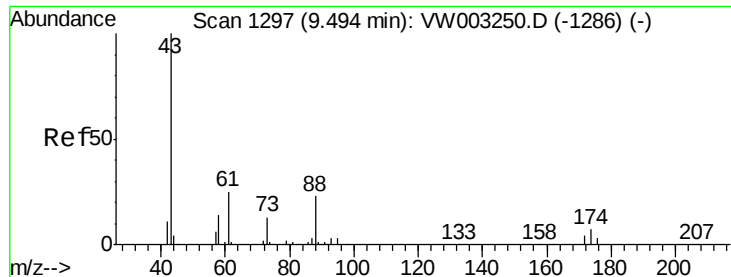
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#48
Methyl methacrylate
Concen: 22.62 ug/l
RT: 9.45 min Scan# 1289
Delta R.T. 0.00 min
Lab File: VW003633.D
Acq: 28 Jun 2018 12:57

Tgt Ion	41	Resp	27863
Ion Ratio	100	Lower	Upper
41	100		
69	79.1	65.4	98.2
39	65.0	54.2	81.2





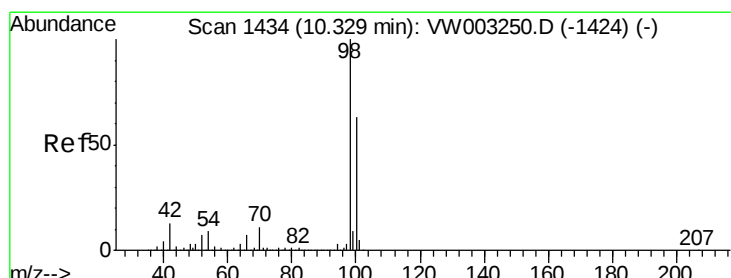
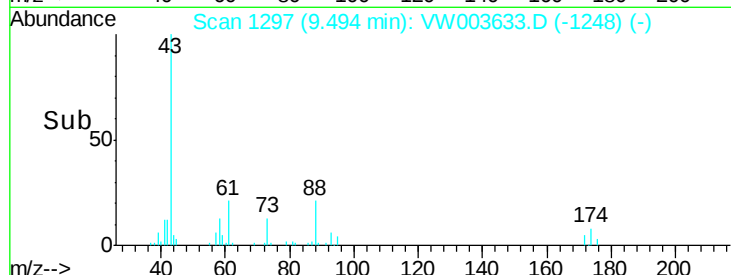
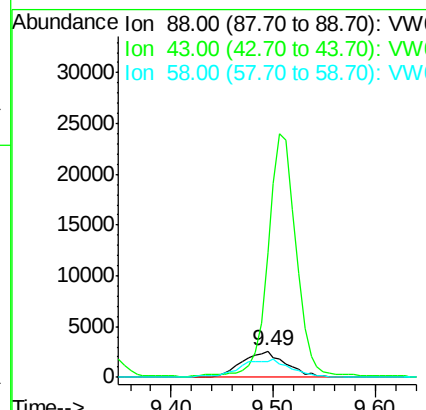
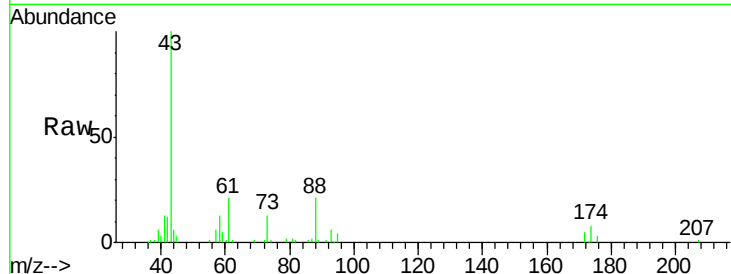
#49
 1,4-Dioxane
 Concen: 443.79 ug/l
 RT: 9.49 min Scan# 1297
 Delta R.T. 0.00 min
 Lab File: VW003633.D
 Acq: 28 Jun 2018 12:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0628SBSD01

Tot Ion	88	Resp	7673
Ion	Ratio	Lower	Upper
88	100		
43	572.6	454.7	682.1
58	78.4	58.6	88.0

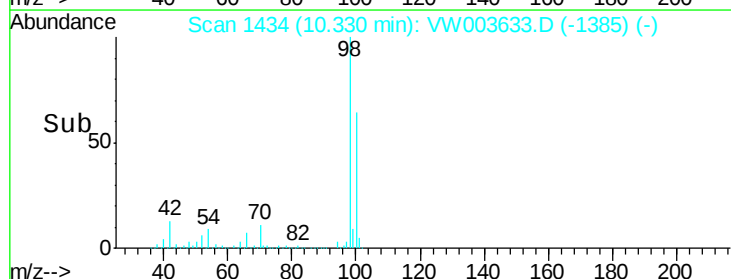
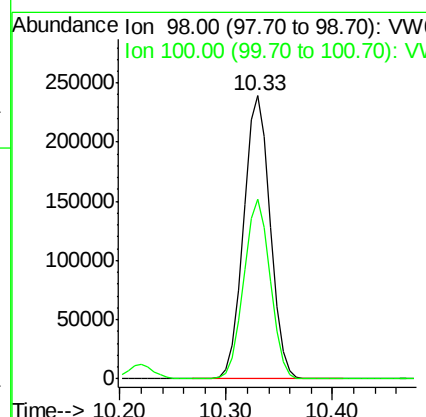
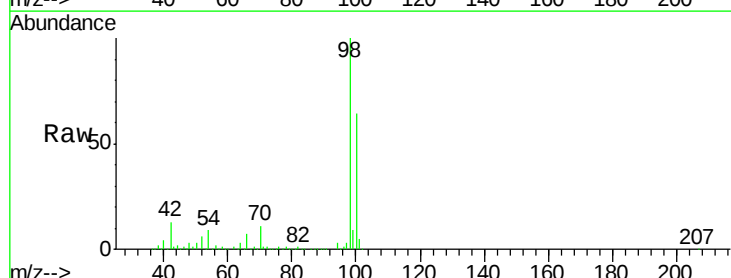
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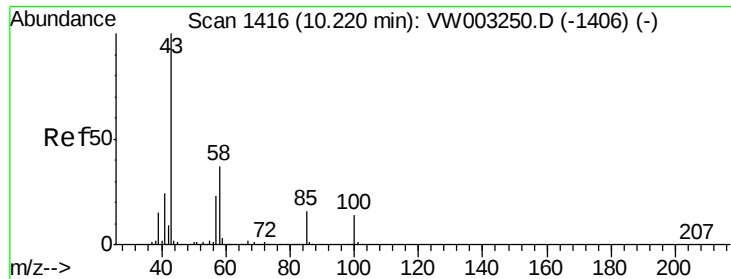
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#50
 Toluene-d8
 Concen: 51.58 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW003633.D
 Acq: 28 Jun 2018 12:57

Tgt Ion	98	Resp	419370
Ion	Ratio	Lower	Upper
98	100		
100	63.1	50.8	76.2





#51

4-Methyl-2-Pentanone

Concen: 113.98 ug/l

RT: 10.22 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VW003633.D

Acq: 28 Jun 2018 12:57

Instrument :

MSVOA_W

ClientSampleId :

VW0628SBS01

Tot Ion: 43 Resp: 152259

Ion Ratio Lower Upper

43 100

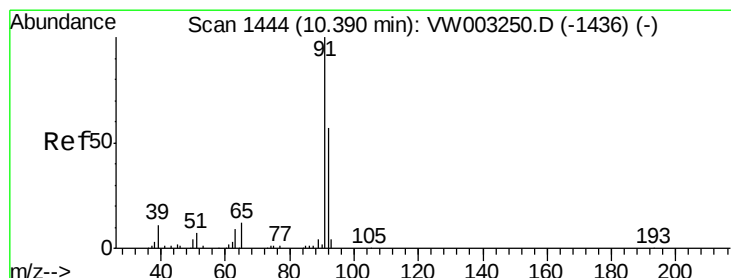
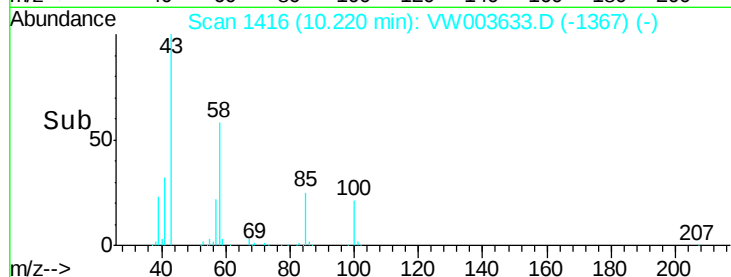
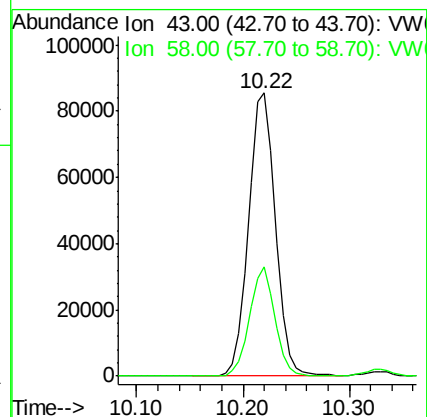
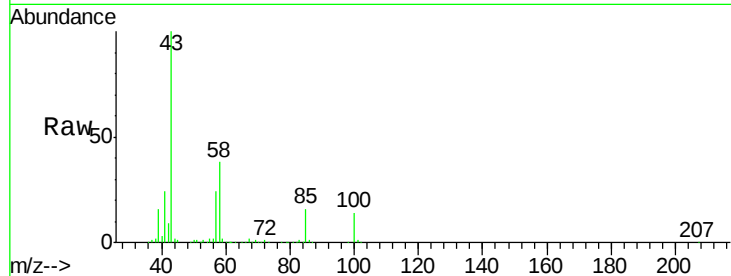
58 36.2 29.0 43.4

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#52

Toluene

Concen: 21.95 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW003633.D

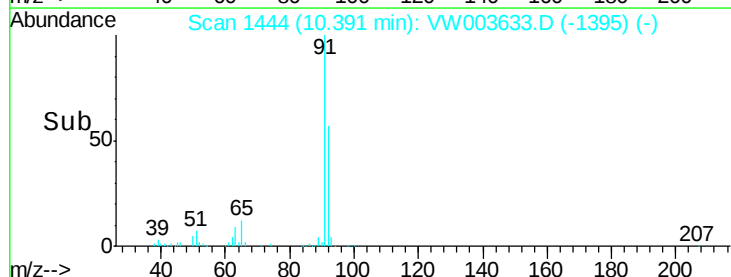
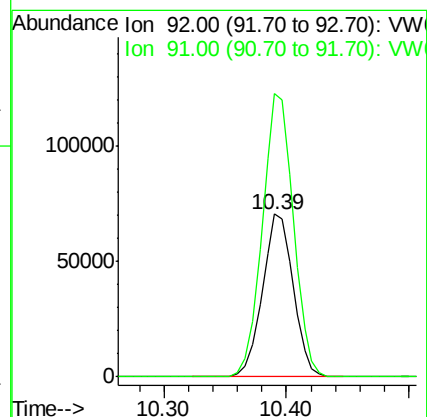
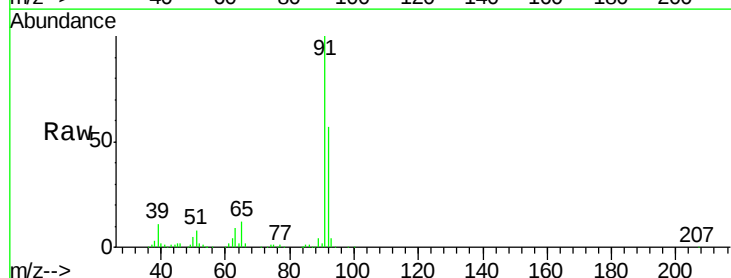
Acq: 28 Jun 2018 12:57

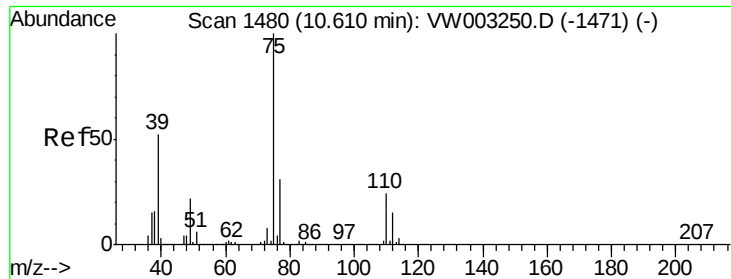
Tgt Ion: 92 Resp: 123622

Ion Ratio Lower Upper

92 100

91 175.8 141.1 211.7





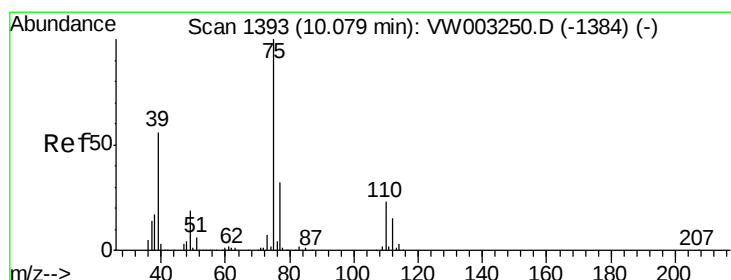
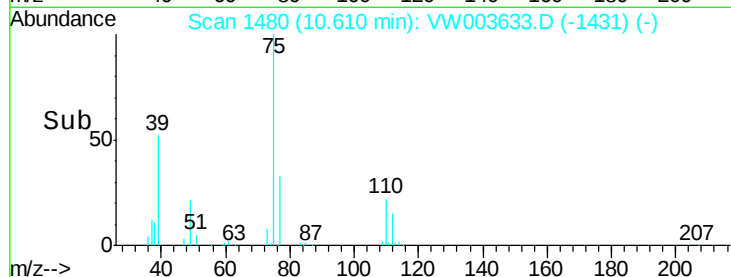
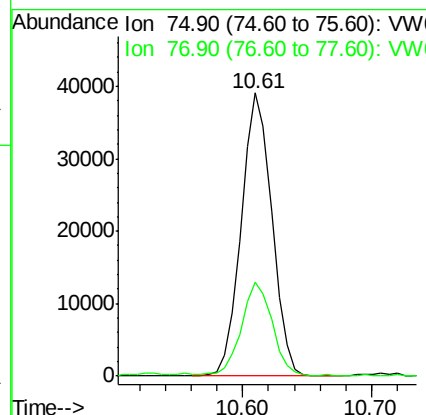
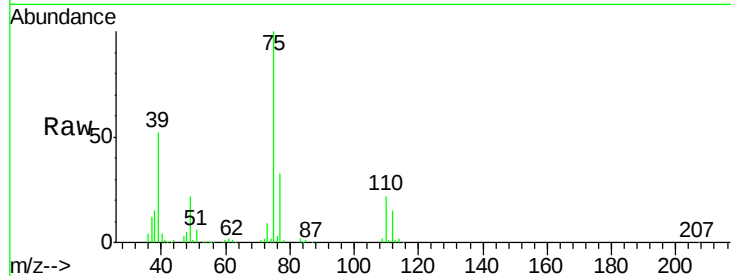
#53
t-1,3-Dichloropropene
Concen: 21.46 ug/l
RT: 10.61 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VW003633.D
Acq: 28 Jun 2018 12:57

Instrument :
MSVOA_W
ClientSampleId :
VW0628SBSD01

Tot Ion: 75 Resp: 64343
Ion Ratio Lower Upper
75 100
77 32.8 24.9 37.3

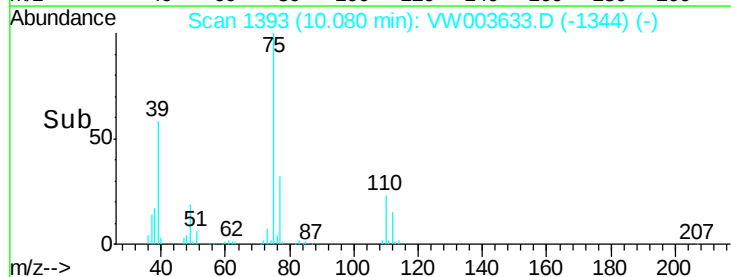
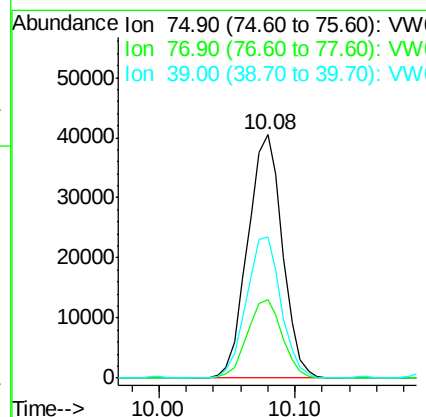
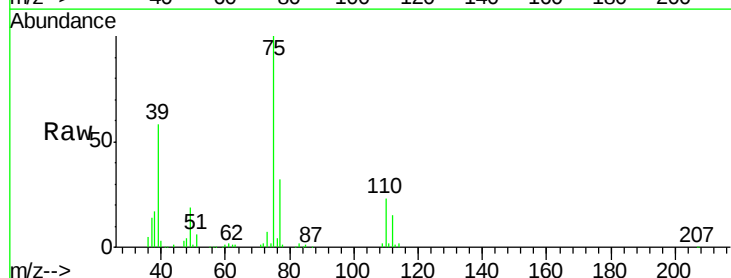
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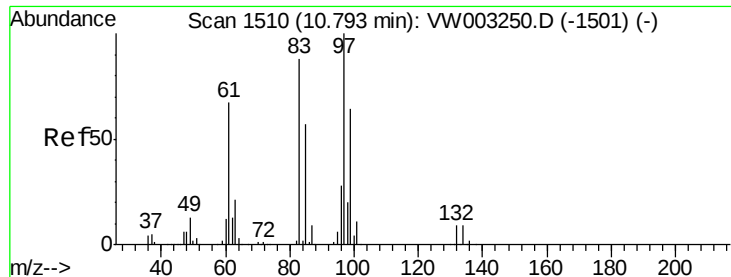
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#54
cis-1,3-Dichloropropene
Concen: 21.25 ug/l
RT: 10.08 min Scan# 1393
Delta R.T. 0.00 min
Lab File: VW003633.D
Acq: 28 Jun 2018 12:57

Tgt Ion: 75 Resp: 72505
Ion Ratio Lower Upper
75 100
77 32.4 25.8 38.6
39 57.6 45.2 67.8





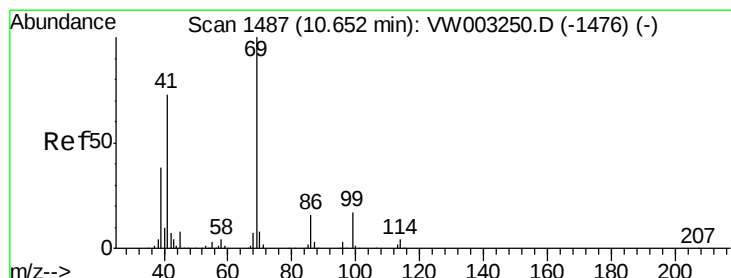
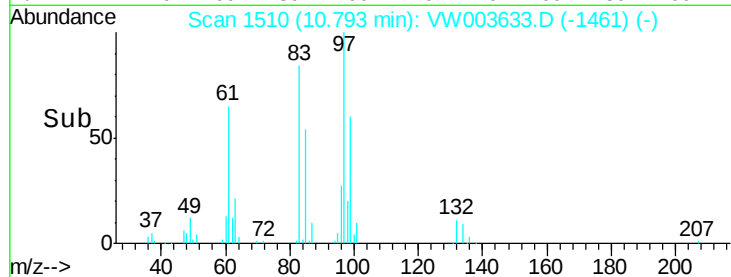
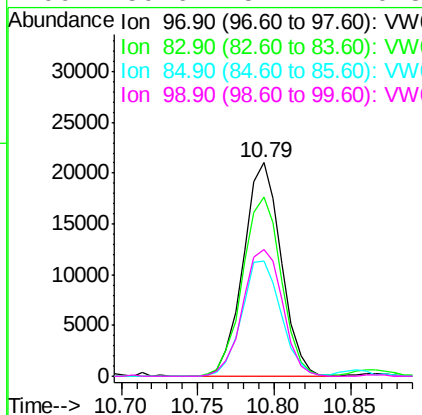
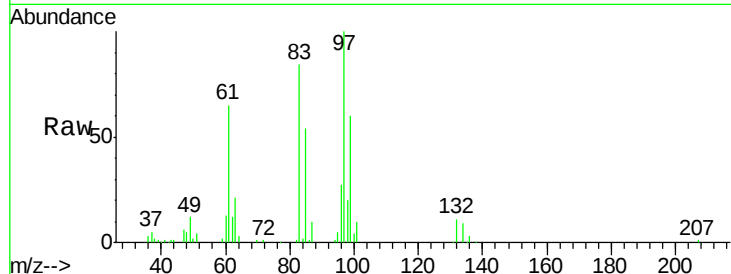
#55
 1,1,2-Trichloroethane
 Concen: 22.36 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW003633.D
 Acq: 28 Jun 2018 12:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0628SBS01

Tot Ion	Ratio	Lower	Upper
97	100		
83	84.2	70.2	105.2
85	53.9	45.6	68.4
99	59.6	51.2	76.8

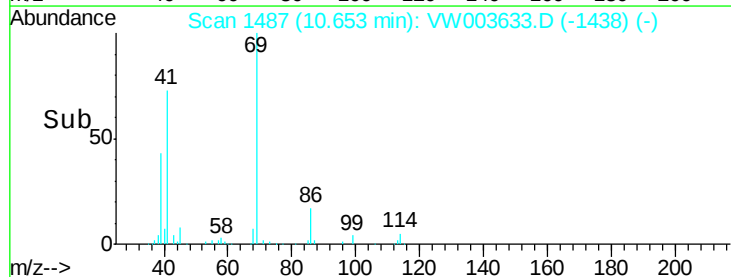
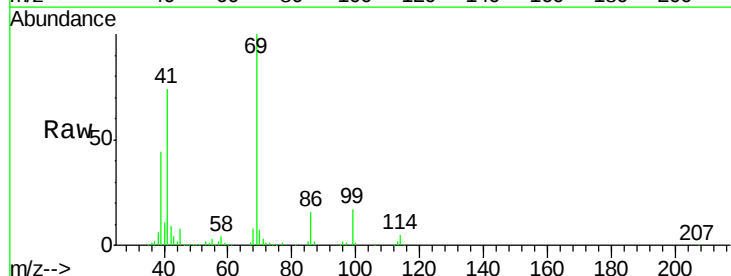
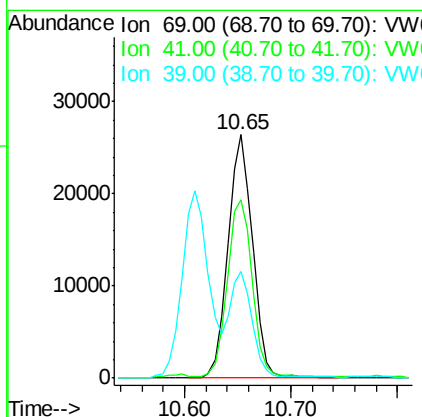
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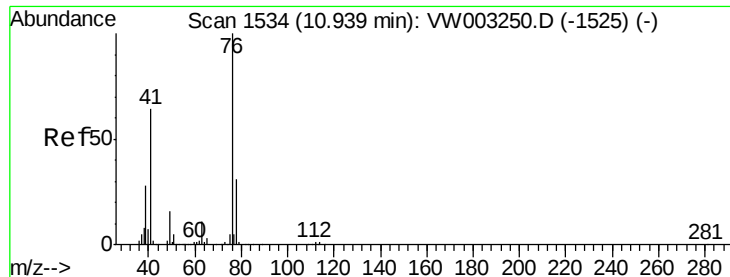
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#56
 Ethyl methacrylate
 Concen: 21.88 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW003633.D
 Acq: 28 Jun 2018 12:57

Tgt Ion	Ratio	Lower	Upper
69	100		
41	73.3	57.8	86.6
39	39.2	32.7	49.1





#57

1,3-Dichloropropane

Concen: 22.44 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VW003633.D

Acq: 28 Jun 2018 12:57

Instrument :

MSVOA_W

ClientSampleId :

VW0628SBS01

Tot Ion: 76 Resp: 62461

Ion Ratio Lower Upper

76 100

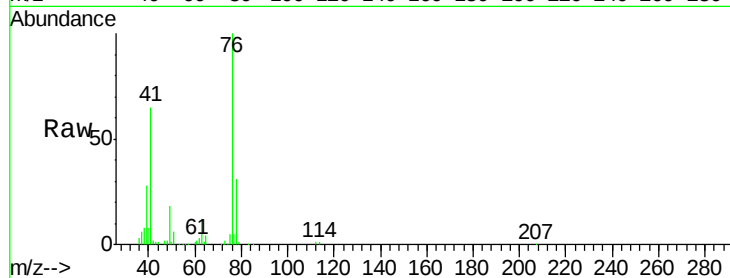
78 32.4 25.7 38.5

Manual Integrations

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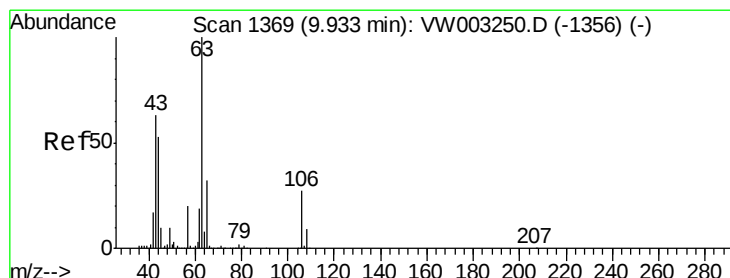
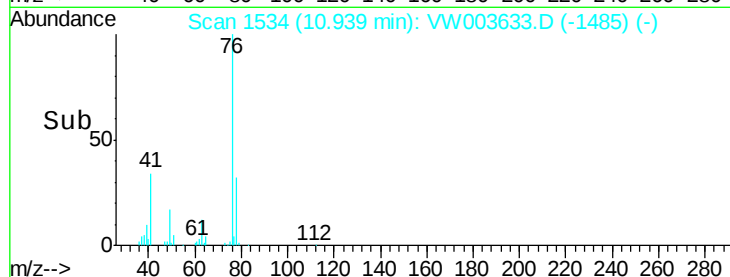
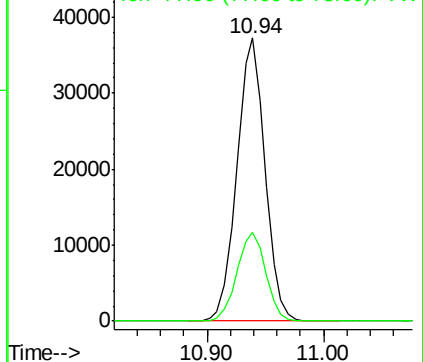
apatel

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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#58

2-Chloroethyl Vinyl ether

Concen: 114.78 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. -0.01 min

Lab File: VW003633.D

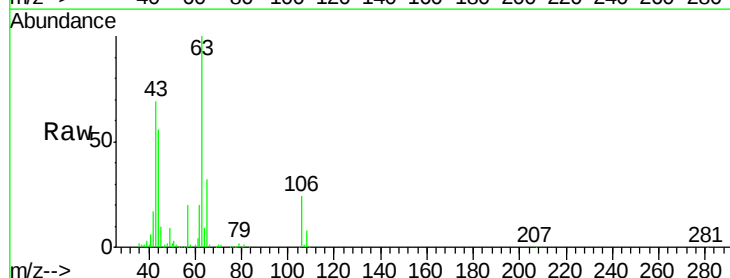
Acq: 28 Jun 2018 12:57

Tgt Ion: 63 Resp: 100817

Ion Ratio Lower Upper

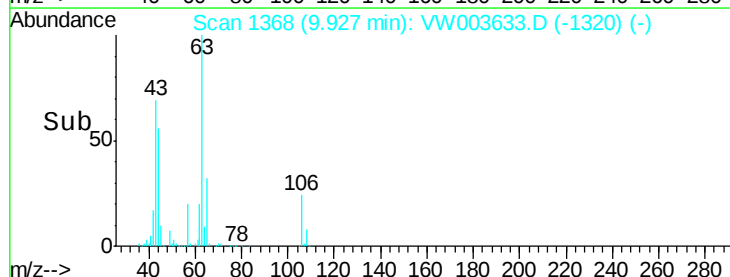
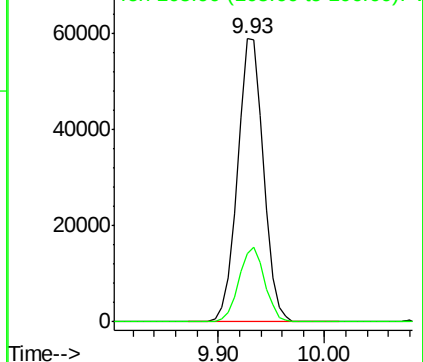
63 100

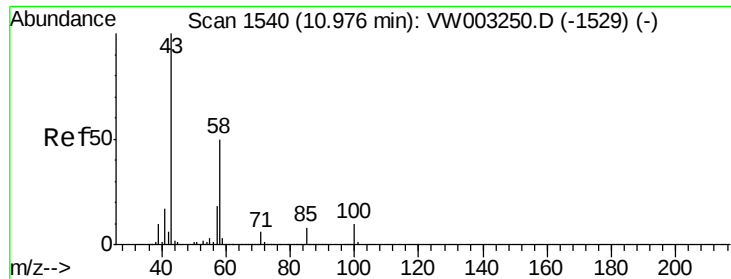
106 26.2 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 105.90 (105.60 to 106.60): V





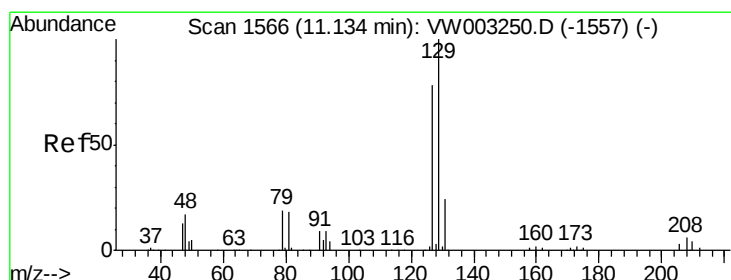
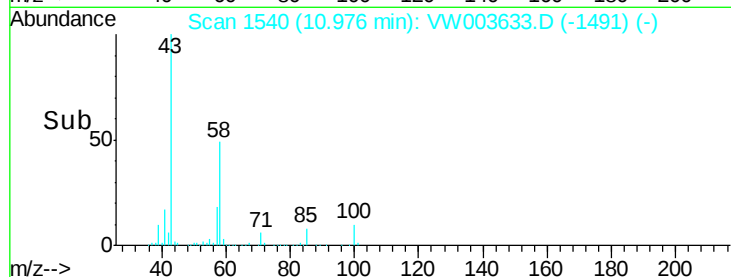
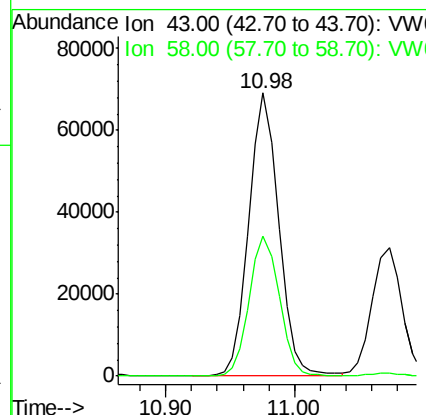
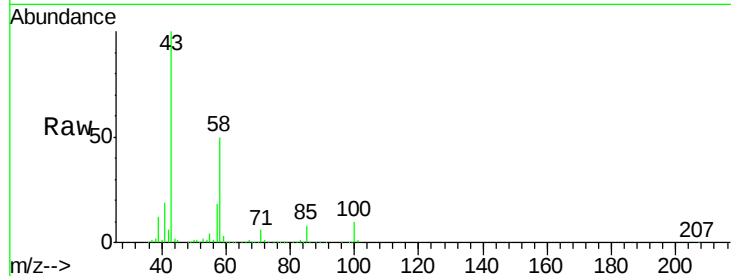
#59
2-Hexanone
Concen: 118.51 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW003633.D
Acq: 28 Jun 2018 12:57

Instrument :
MSVOA_W
ClientSampleId :
VW0628SBSD01

Tot Ion	43	Resp	110587
Ion Ratio	43	100	
Lower	58	50.1	25.0
Upper			75.0

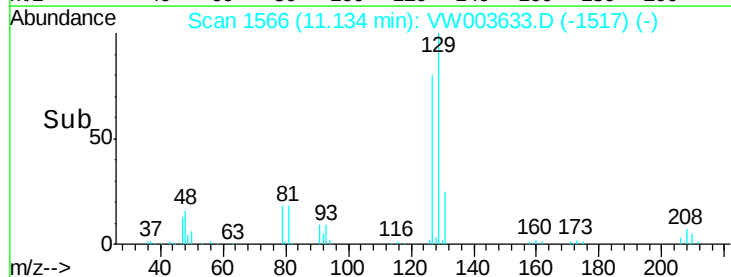
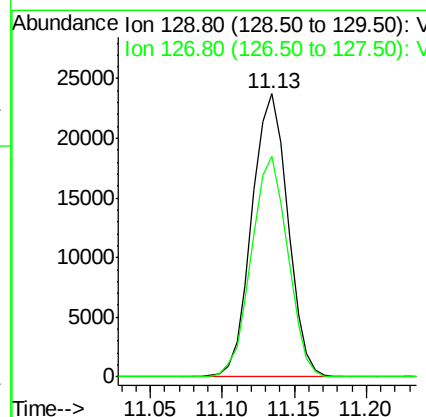
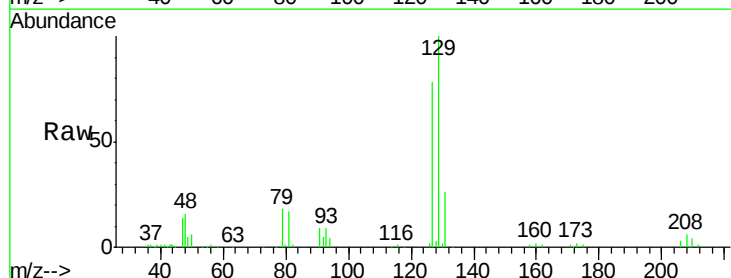
Manual Integrations
APPROVED

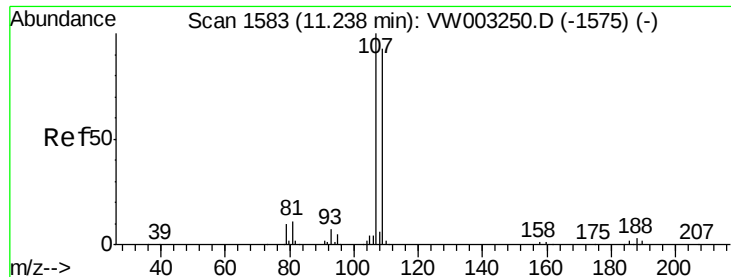
apatel
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#60
Dibromochloromethane
Concen: 21.35 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW003633.D
Acq: 28 Jun 2018 12:57

Tgt Ion	129	Resp	40962
Ion Ratio	129	100	
Lower	127	78.6	39.1
Upper			117.5





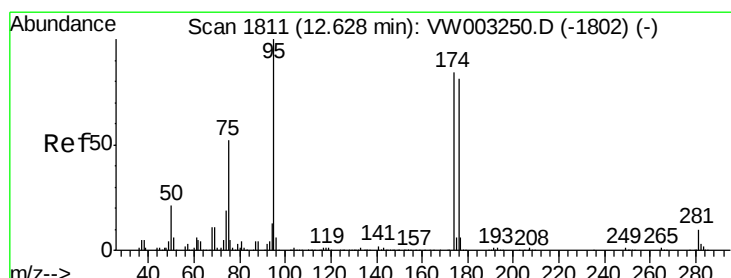
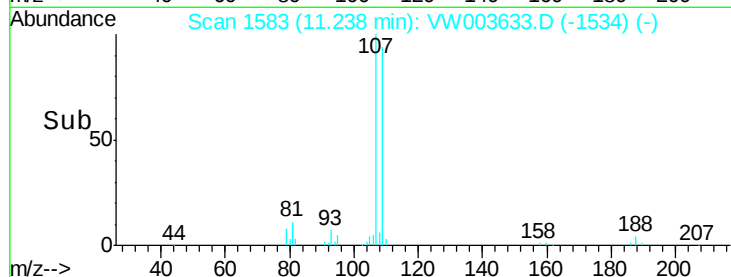
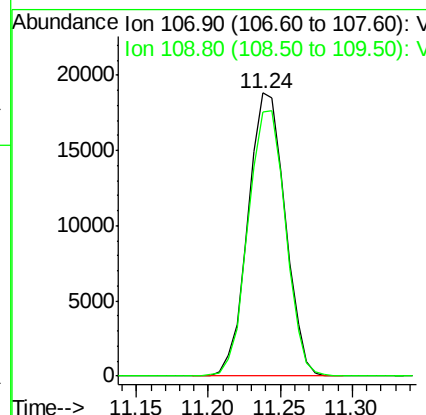
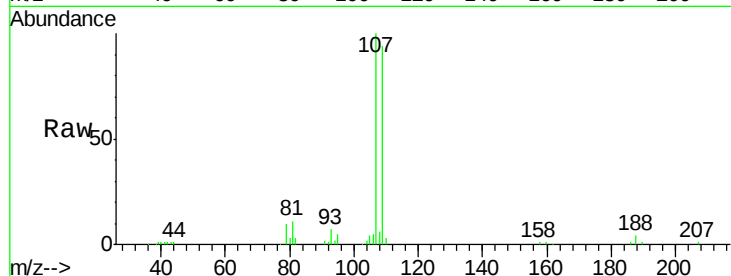
#61
 1,2-Dibromoethane
 Concen: 21.98 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW003633.D
 Acq: 28 Jun 2018 12:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0628SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.9	75.8	113.6

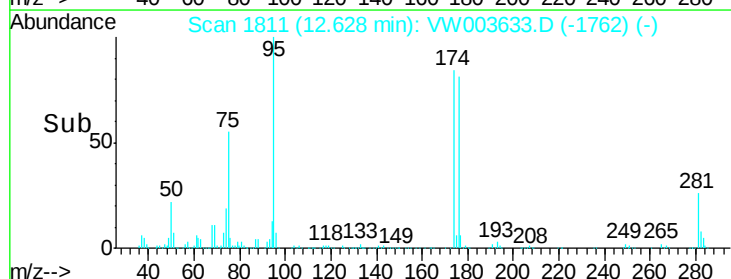
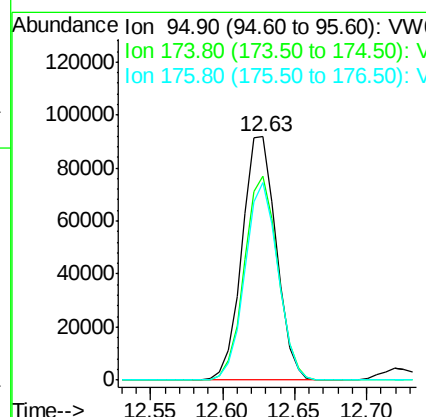
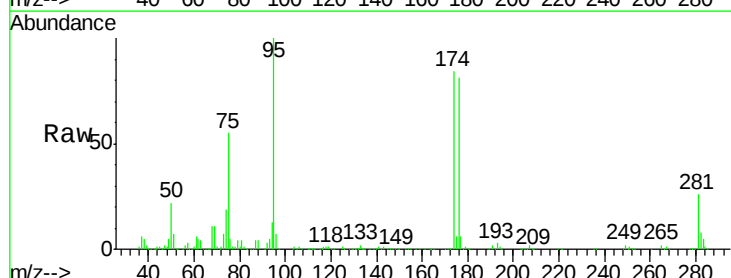
Manual Integrations
 APPROVED

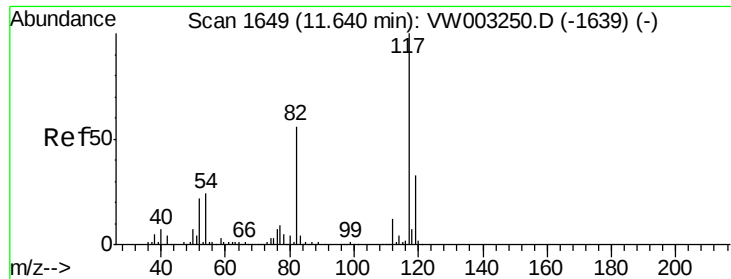
apatel
 6/29/2018 10:22:03 AM



#62
 4-Bromofluorobenzene
 Concen: 52.34 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW003633.D
 Acq: 28 Jun 2018 12:57

Tgt Ion	Ratio	Lower	Upper
95	100		
174	82.1	0.0	166.4
176	78.4	0.0	162.0





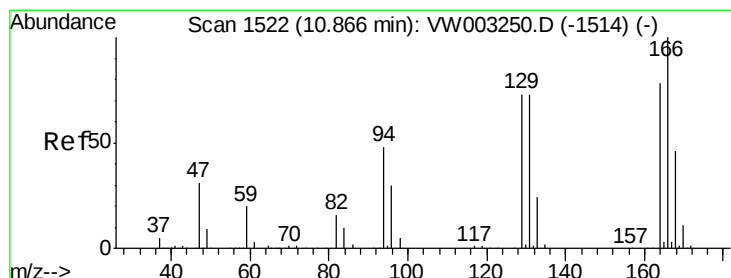
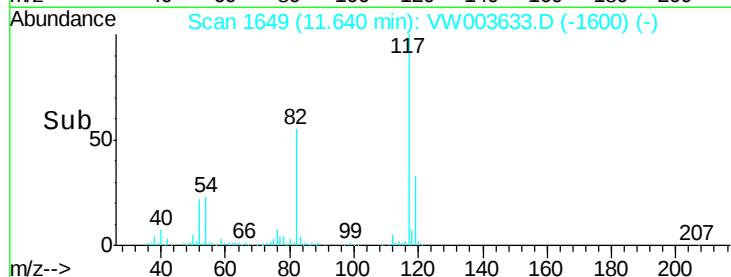
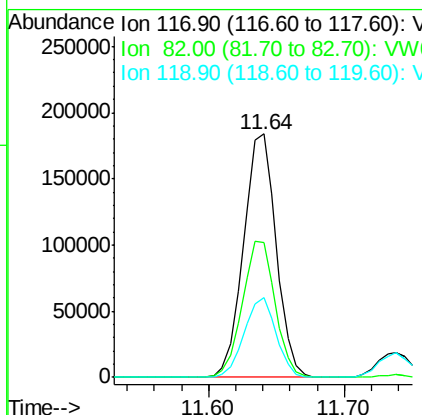
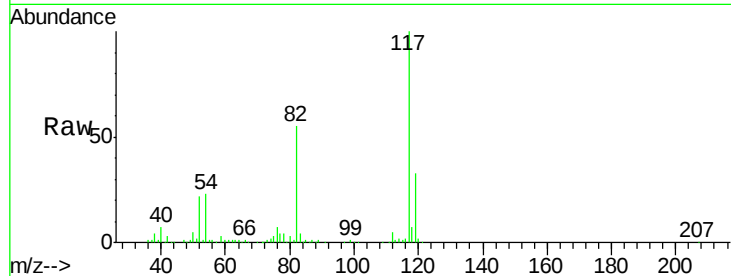
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VW003633.D
Acq: 28 Jun 2018 12:57

Instrument :
MSVOA_W
ClientSampleId :
VW0628SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	308135		
82	55.3	44.6	67.0	
119	33.0	26.7	40.1	

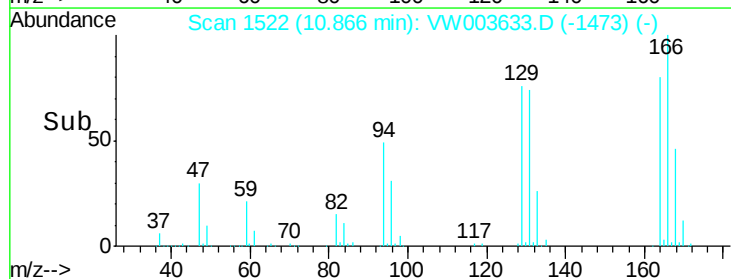
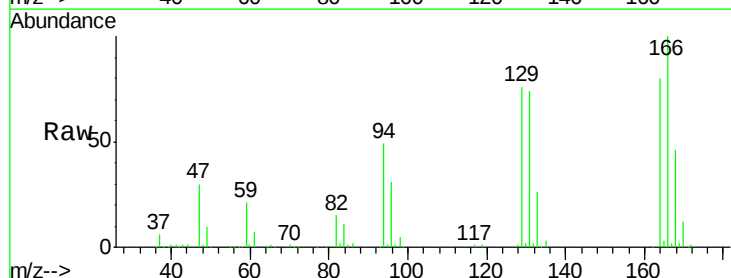
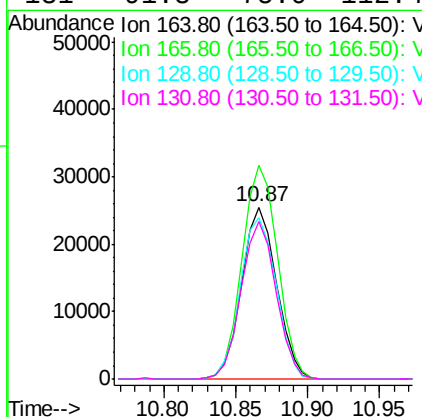
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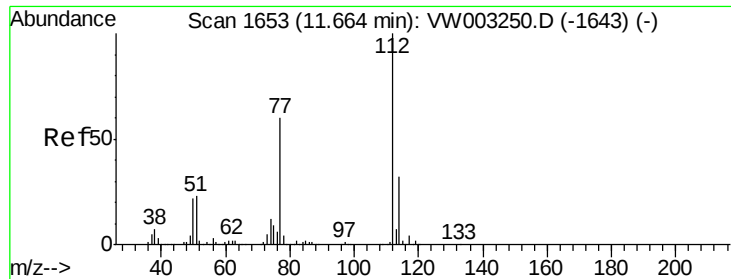
apatel
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#64
Tetrachloroethene
Concen: 20.82 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003633.D
Acq: 28 Jun 2018 12:57

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	42902		
166	124.3	102.6	154.0	
129	93.9	75.2	112.8	
131	91.8	75.0	112.4	





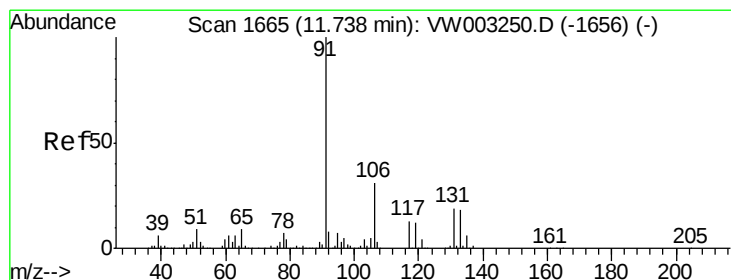
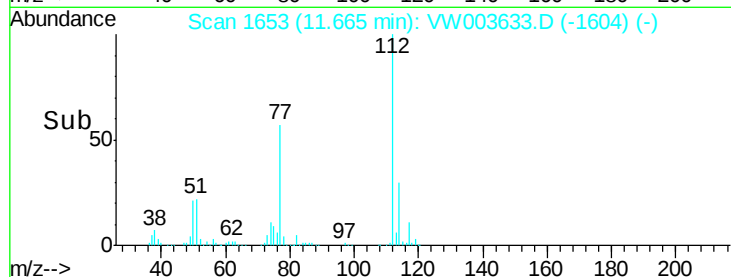
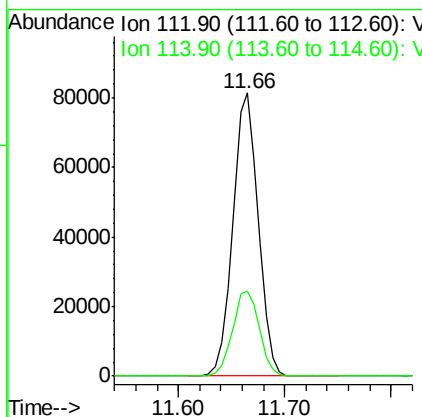
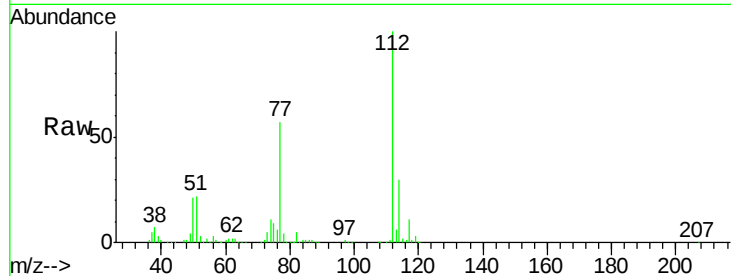
#65
Chlorobenzene
Concen: 21.19 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VW003633.D
Acq: 28 Jun 2018 12:57

Instrument :
MSVOA_W
ClientSampleId :
VW0628SBSD01

Tot Ion	Ratio	Lower	Upper
112	100		
114	30.2	25.9	38.9

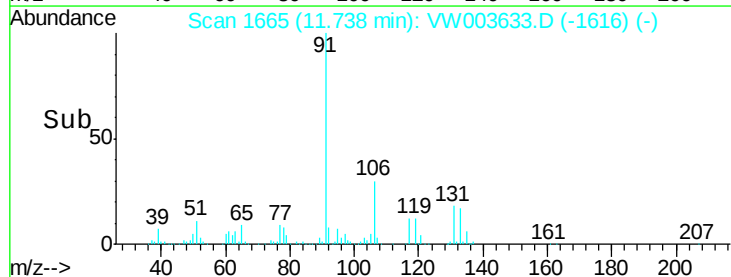
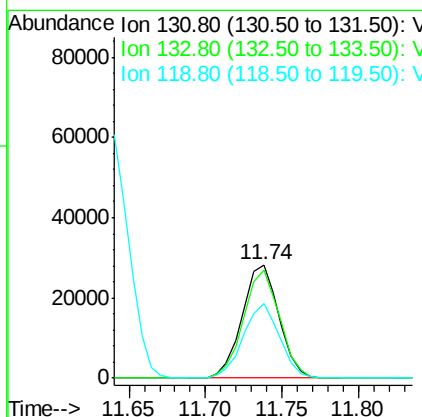
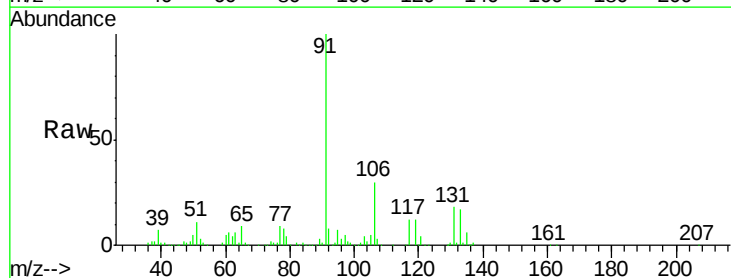
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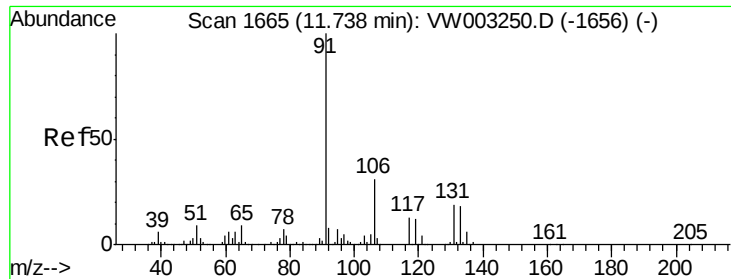
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.83 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003633.D
Acq: 28 Jun 2018 12:57

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.4	47.3	142.0
119	65.2	32.5	97.4





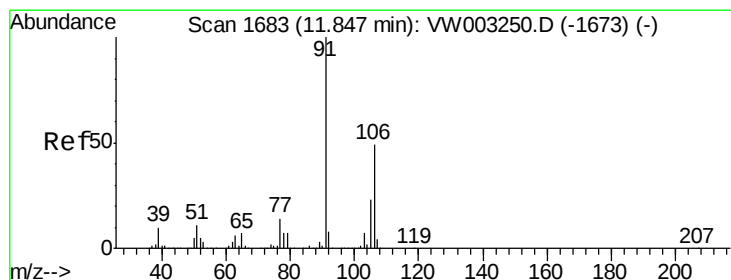
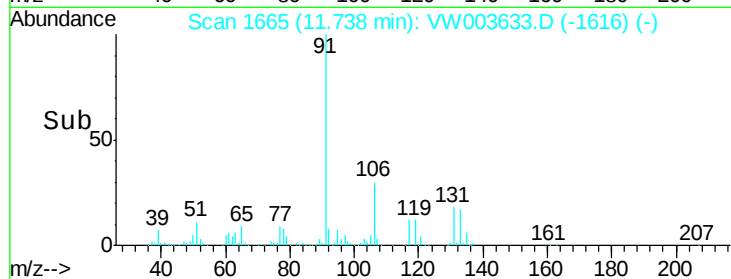
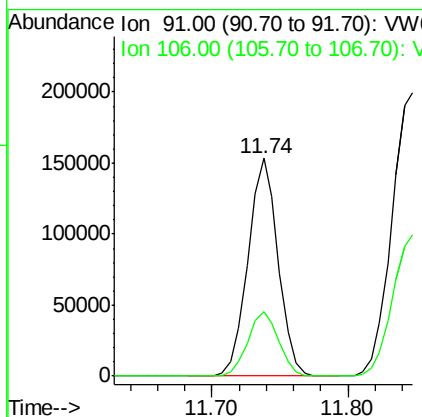
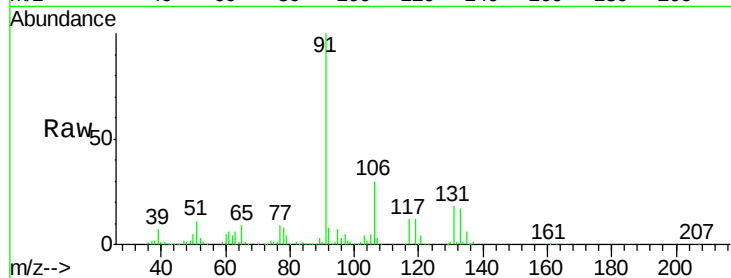
#67
Ethyl Benzene
Concen: 20.90 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003633.D
Acq: 28 Jun 2018 12:57

Instrument :
MSVOA_W
ClientSampleId :
VW0628SBS01

Tot Ion: 91 Resp: 237676
Ion Ratio Lower Upper
91 100
106 29.6 24.7 37.1

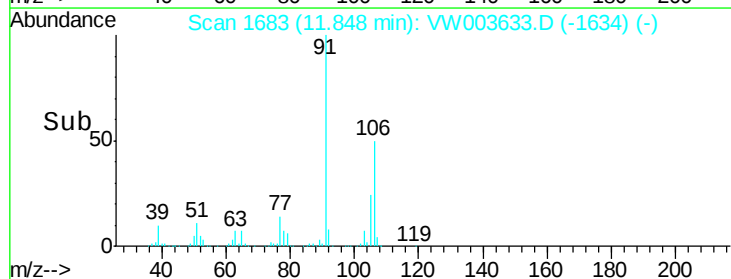
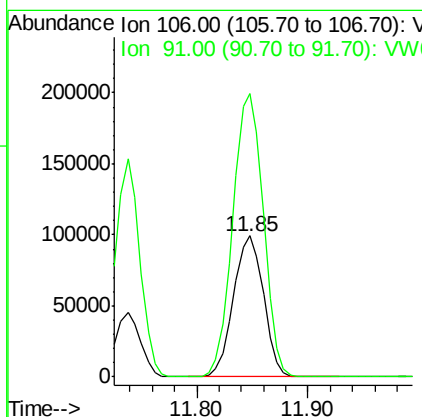
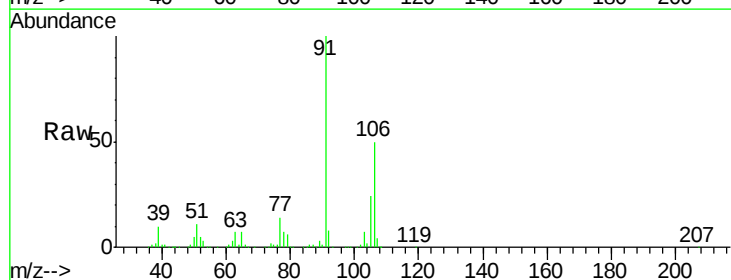
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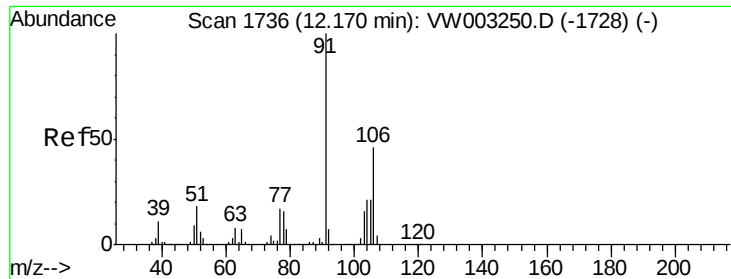
apatel
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#68
m/p-Xylenes
Concen: 42.79 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW003633.D
Acq: 28 Jun 2018 12:57

Tgt Ion: 106 Resp: 185010
Ion Ratio Lower Upper
106 100
91 204.0 165.4 248.0





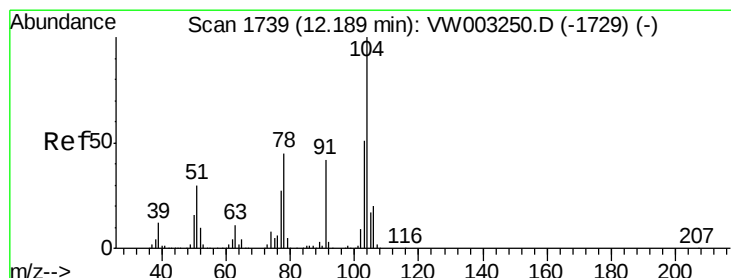
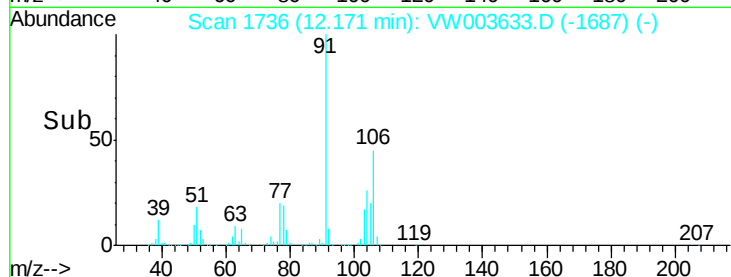
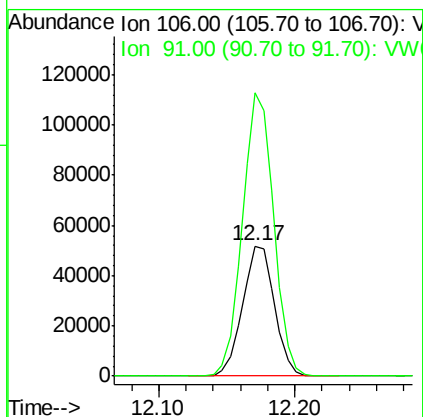
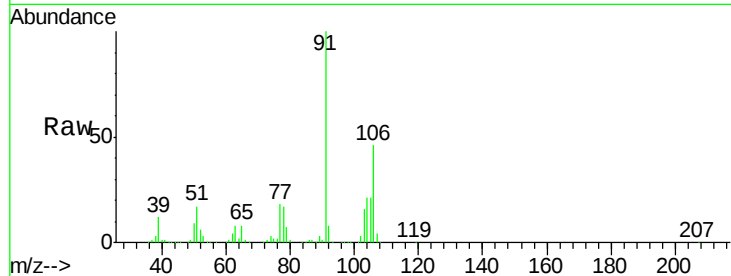
#69
o-Xylene
Concen: 21.08 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003633.D
Acq: 28 Jun 2018 12:57

Instrument :
MSVOA_W
ClientSampleId :
VW0628SBS01

Tot Ion:106 Resp: 84478
Ion Ratio Lower Upper
106 100
91 214.4 108.6 325.6

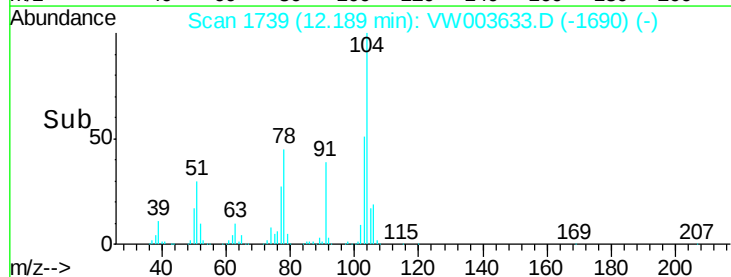
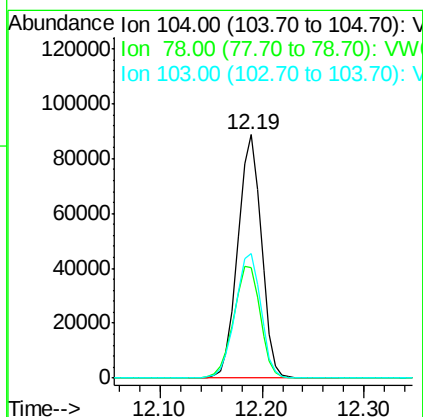
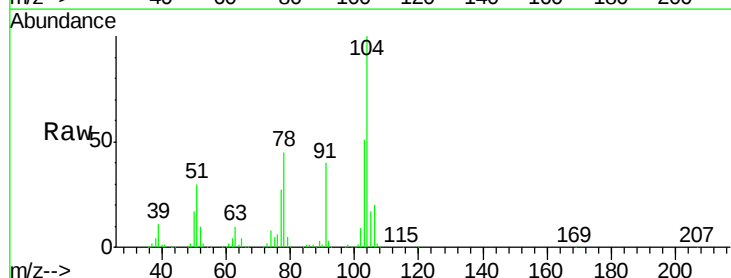
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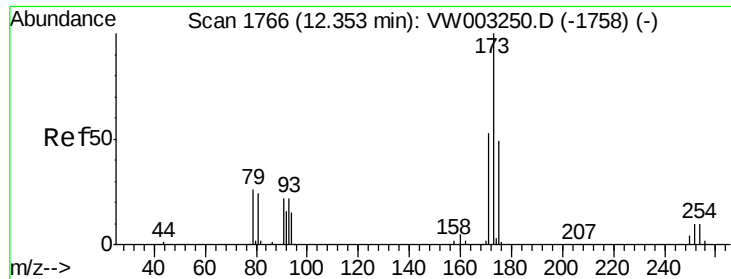
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#70
Styrene
Concen: 21.25 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW003633.D
Acq: 28 Jun 2018 12:57

Tgt Ion:104 Resp: 141755
Ion Ratio Lower Upper
104 100
78 51.6 41.3 61.9
103 55.6 45.0 67.4





#71

Bromoform

Concen: 21.29 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW003633.D

Acq: 28 Jun 2018 12:57

Instrument :

MSVOA_W

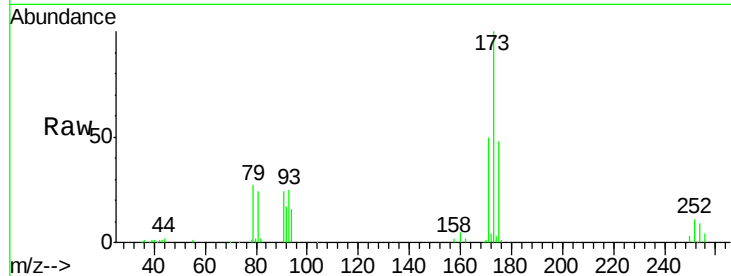
ClientSampleId :

VW0628SBS01

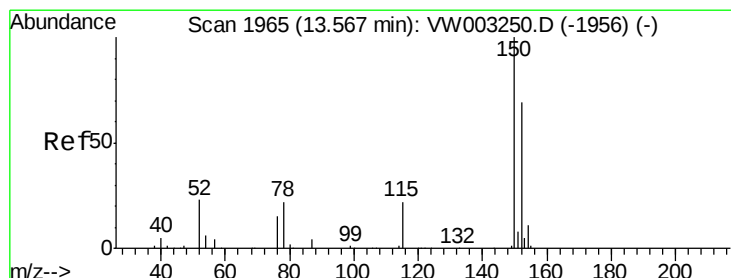
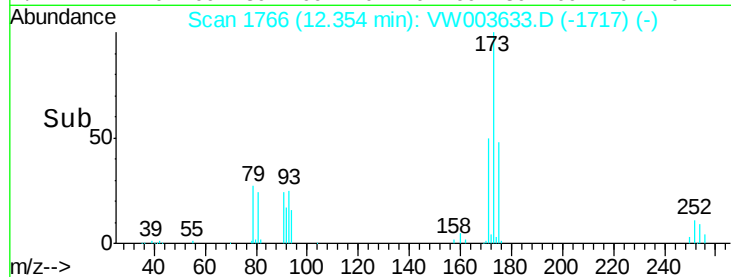
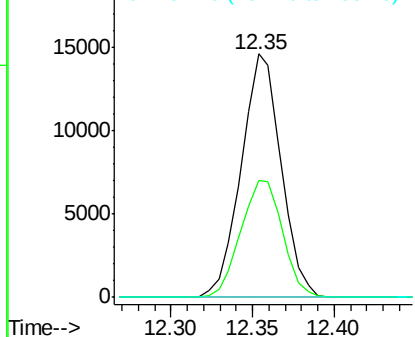
Tot Ion	Ratio	Lower	Upper
173	100		
175	50.2	24.4	73.4
254	0.0	0.1	0.1#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

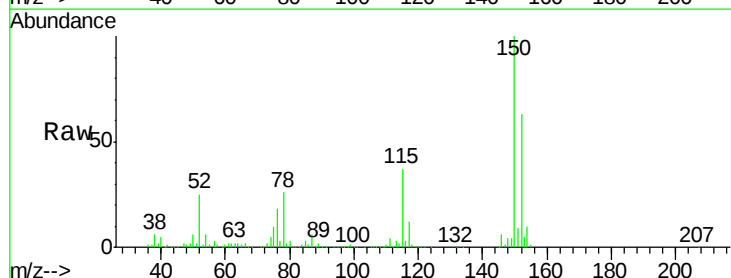
RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

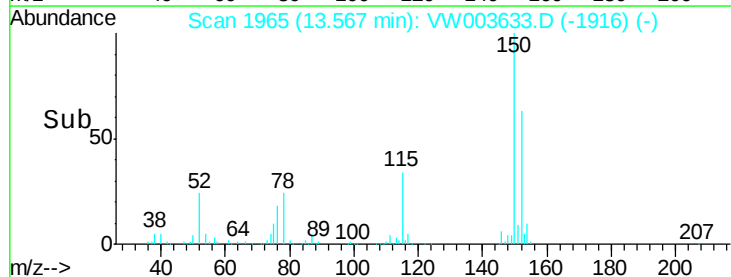
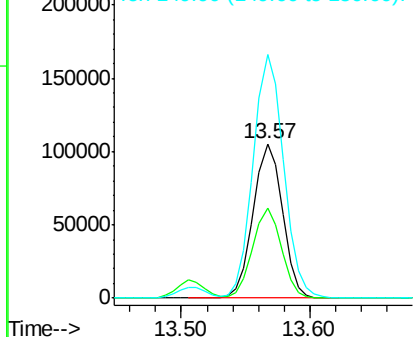
Lab File: VW003633.D

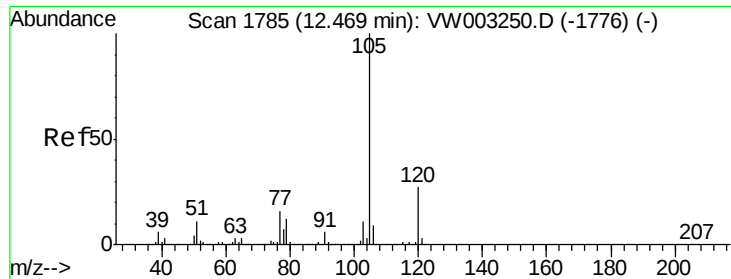
Acq: 28 Jun 2018 12:57

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.6	29.3	88.0
150	164.1	0.0	349.6



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





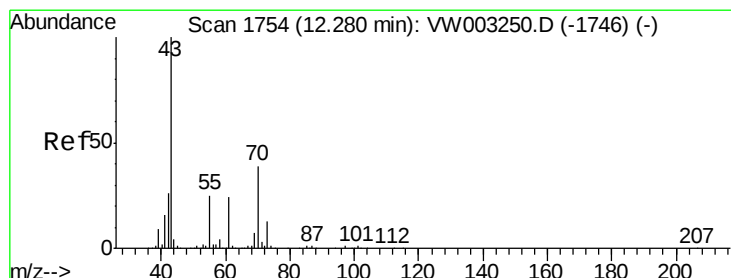
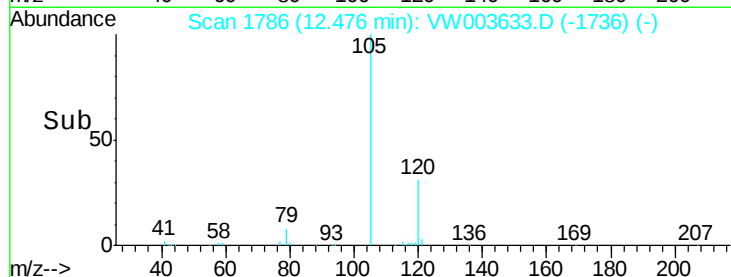
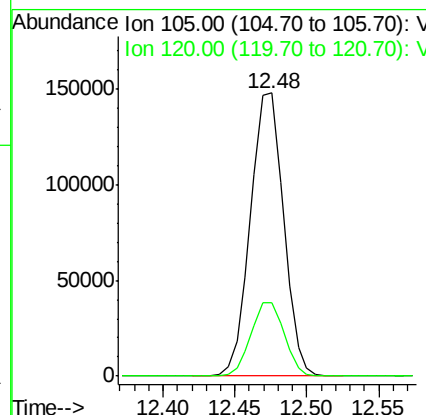
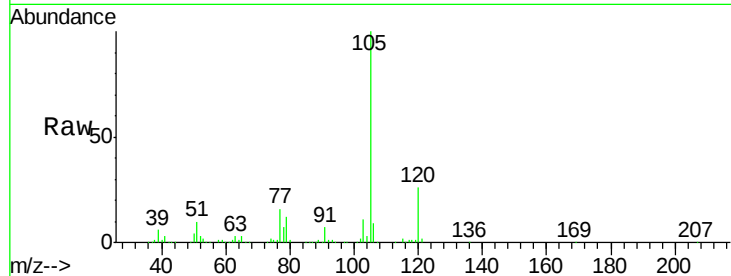
#73
Isopropylbenzene
Concen: 20.43 ug/l
RT: 12.48 min Scan# 1786
Delta R.T. 0.01 min
Lab File: VW003633.D
Acq: 28 Jun 2018 12:57

Instrument :
MSVOA_W
ClientSampleId :
VW0628SBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.1	13.2	39.6

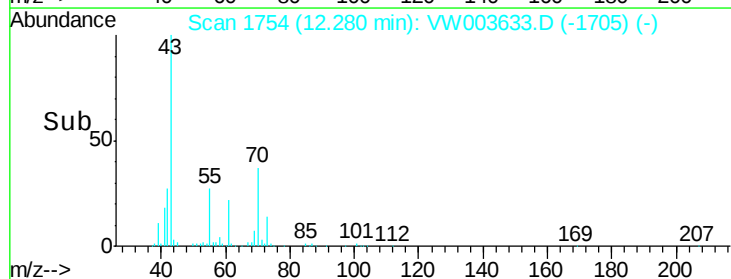
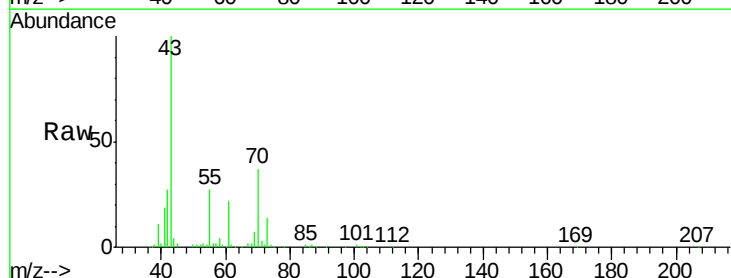
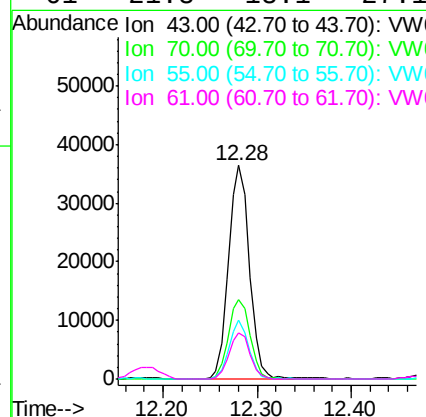
Manual Integrations
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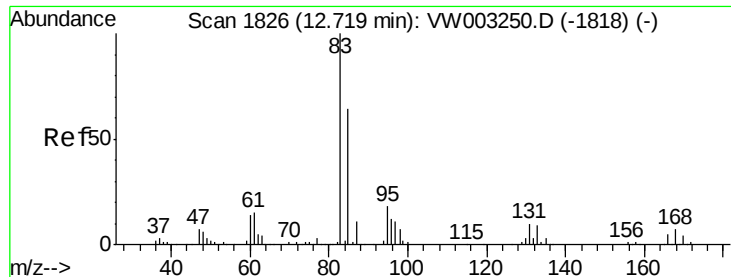
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#74
N-ethyl acetate
Concen: 21.47 ug/l
RT: 12.28 min Scan# 1754
Delta R.T. 0.00 min
Lab File: VW003633.D
Acq: 28 Jun 2018 12:57

Tgt Ion	Ratio	Lower	Upper
43	100		
70	38.4	31.0	46.6
55	25.7	19.7	29.5
61	21.8	18.1	27.1





#75

1,1,2,2-Tetrachloroethane

Concen: 21.78 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW003633.D

Acq: 28 Jun 2018 12:57

Instrument :

MSVOA_W

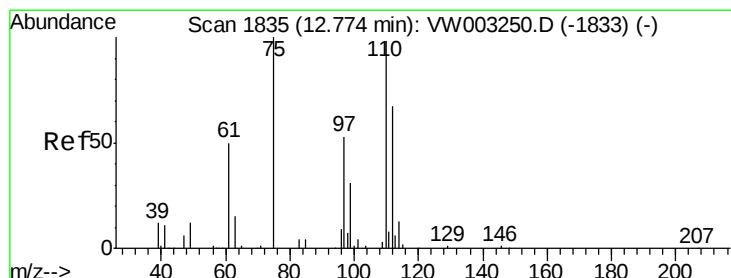
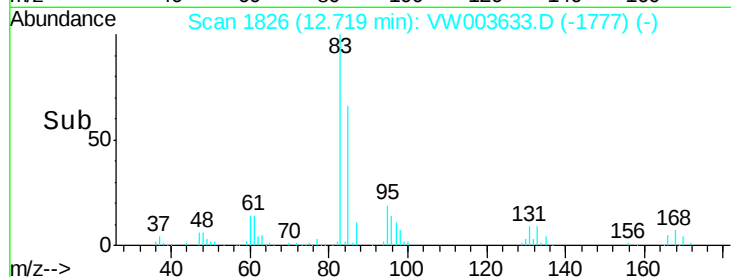
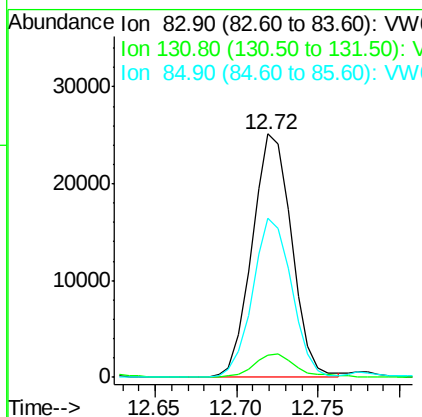
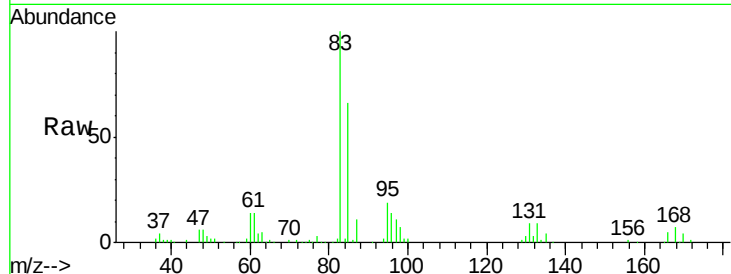
ClientSampleId :

VW0628SBSD01

Tot Ion:	83	Resp:	42468
Ion	Ratio	Lower	Upper
83	100		
131	10.2	5.4	16.2
85	64.9	31.9	95.7

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#76

1,2,3-Trichloropropane

Concen: 21.70 ug/l m

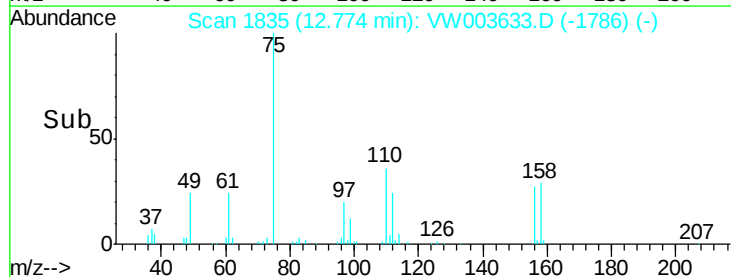
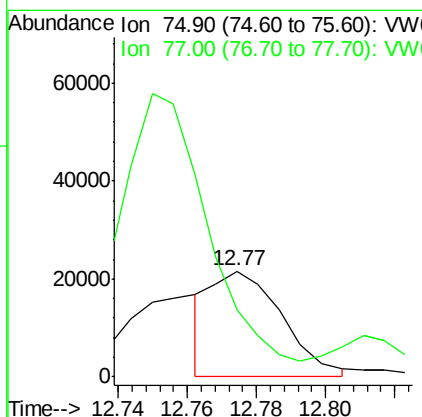
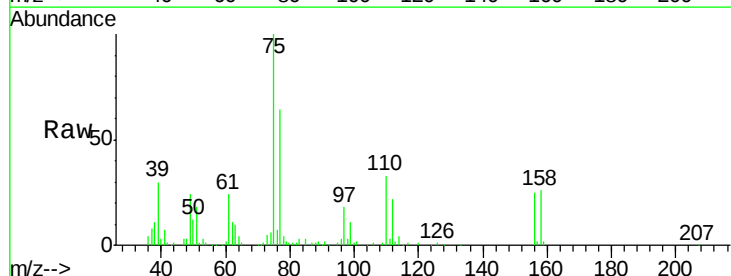
RT: 12.77 min Scan# 1835

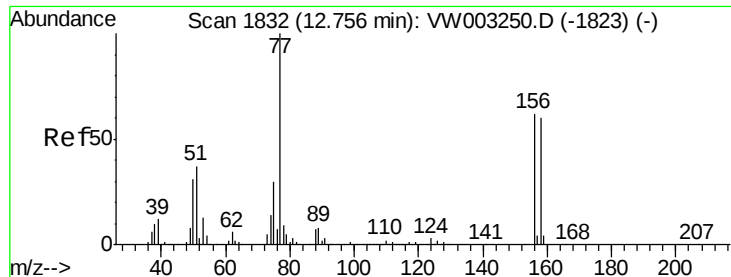
Delta R.T. 0.00 min

Lab File: VW003633.D

Acq: 28 Jun 2018 12:57

Tgt Ion:	75	Resp:	30748
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.67 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VW003633.D

Acq: 28 Jun 2018 12:57

Instrument :

MSVOA_W

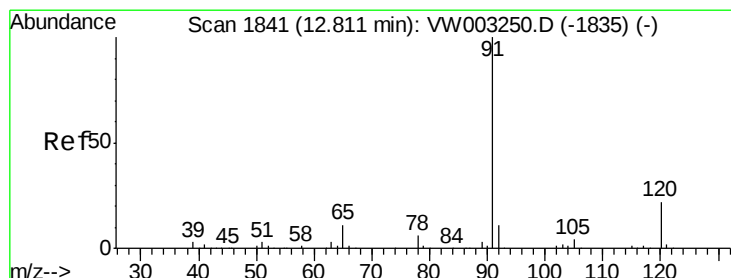
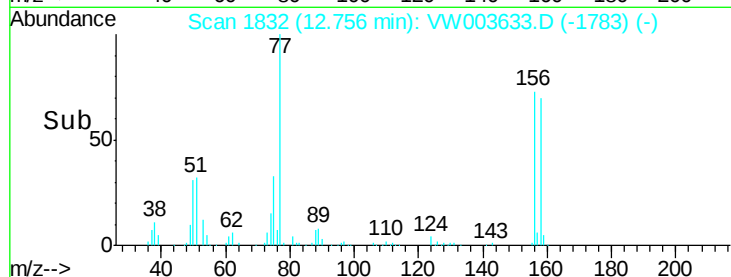
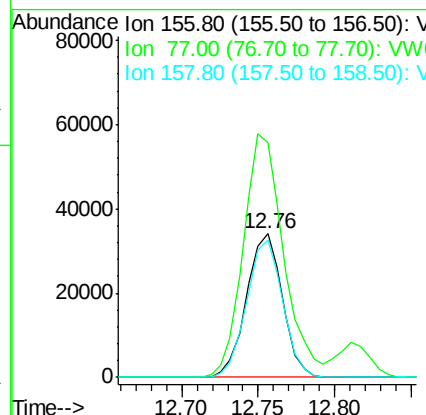
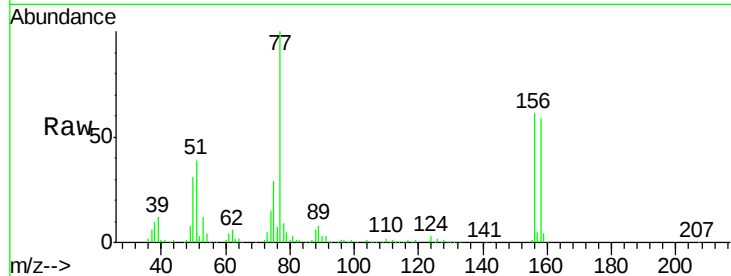
ClientSampleId :

VW0628SBSD01

Tot Ion:	156	Resp:	55491
Ion Ratio	Lower	Upper	
156	100		
77	190.5	92.3	276.9
158	96.4	47.5	142.6

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#78

n-propylbenzene

Concen: 21.13 ug/l

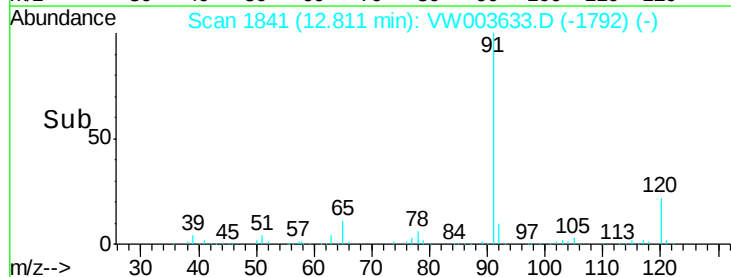
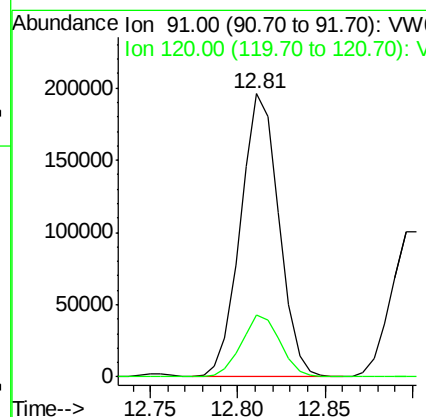
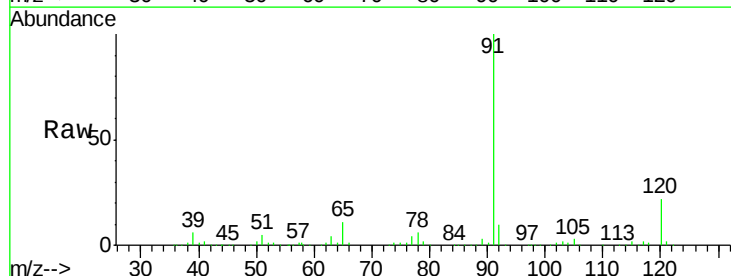
RT: 12.81 min Scan# 1841

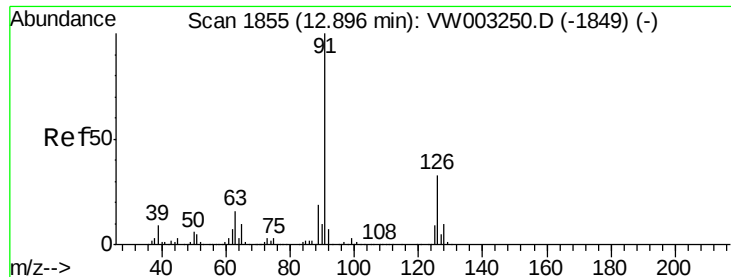
Delta R.T. 0.00 min

Lab File: VW003633.D

Acq: 28 Jun 2018 12:57

Tgt Ion:	91	Resp:	298222
Ion Ratio	Lower	Upper	
91	100		
120	22.2	11.3	33.8





#79

2-Chlorotoluene

Concen: 20.95 ug/l

RT: 12.90 min Scan# 1856

Delta R.T. 0.01 min

Lab File: VW003633.D

Acq: 28 Jun 2018 12:57

Instrument :

MSVOA_W

ClientSampleId :

VW0628SBS01

Tot Ion: 91 Resp: 167147

Ion Ratio Lower Upper

91 100

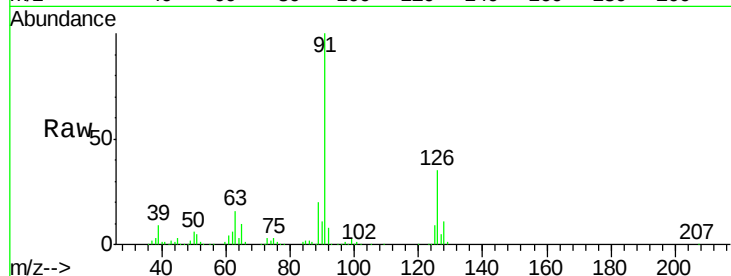
126 33.6 16.8 50.4

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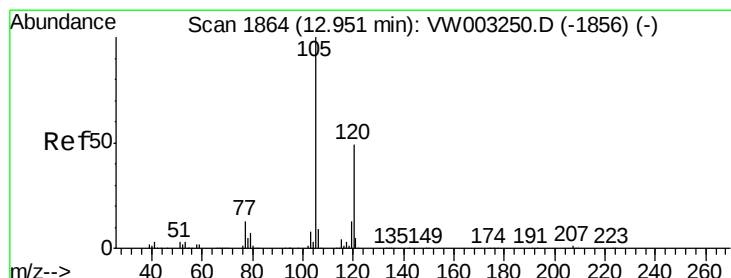
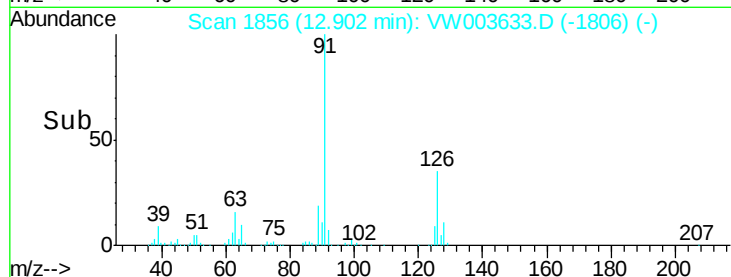
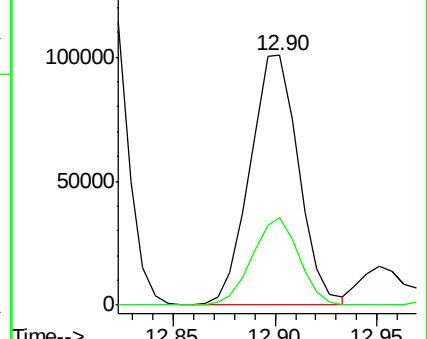
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 21.11 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW003633.D

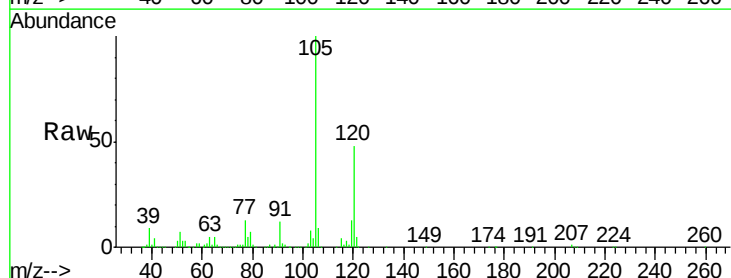
Acq: 28 Jun 2018 12:57

Tgt Ion:105 Resp: 204306

Ion Ratio Lower Upper

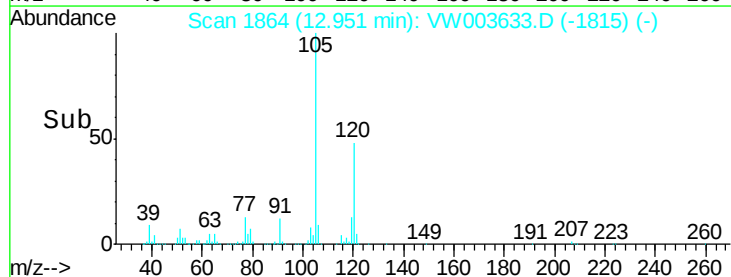
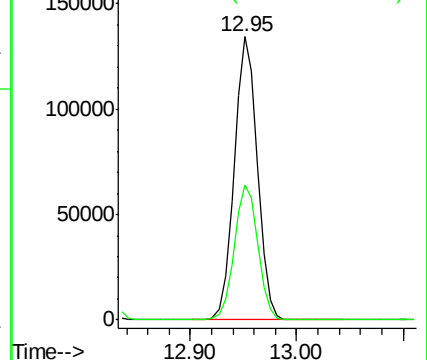
105 100

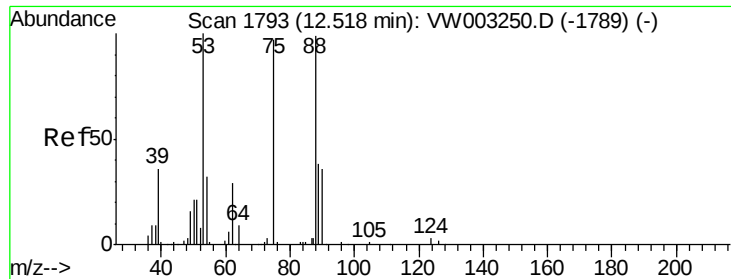
120 48.5 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





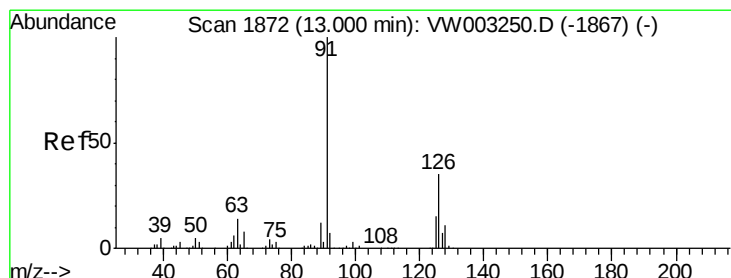
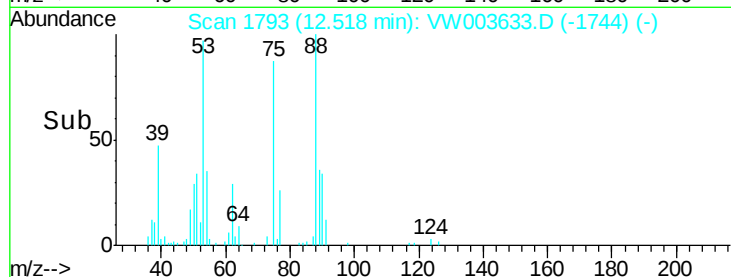
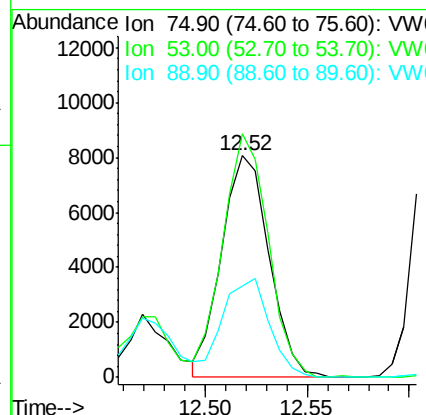
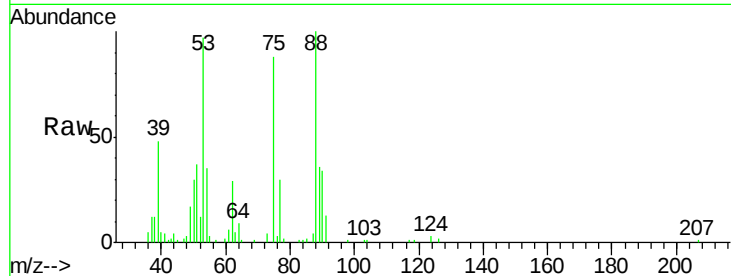
#81
trans-1,4-Dichloro-2-butene
Concen: 21.16 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VW003633.D
Acq: 28 Jun 2018 12:57

Instrument :
MSVOA_W
ClientSampleId :
VW0628SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	104.7	82.9	124.3
89	44.3	36.7	55.1

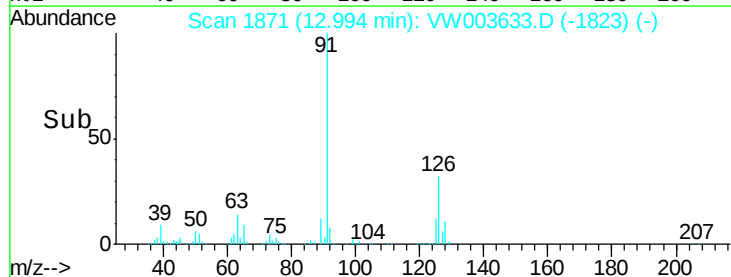
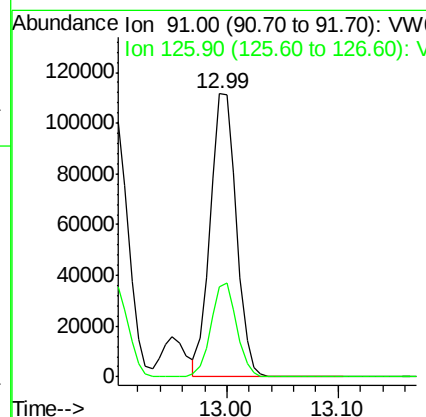
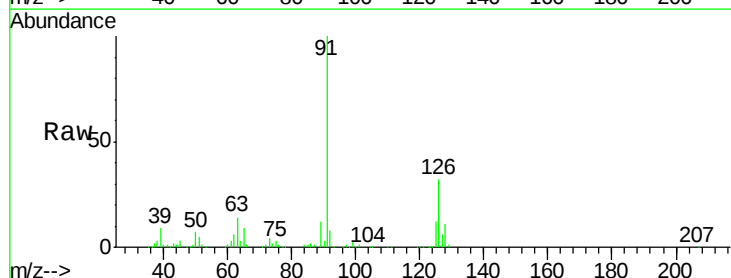
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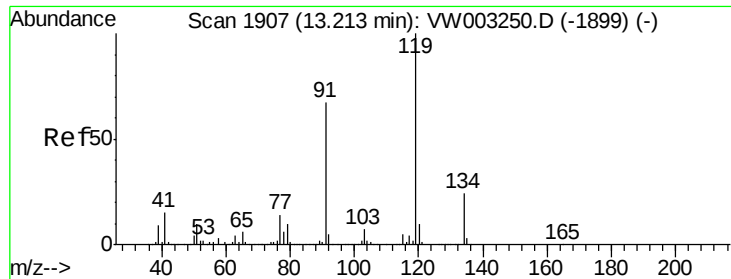
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#82
4-Chlorotoluene
Concen: 21.41 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. -0.01 min
Lab File: VW003633.D
Acq: 28 Jun 2018 12:57

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.6	16.8	50.3





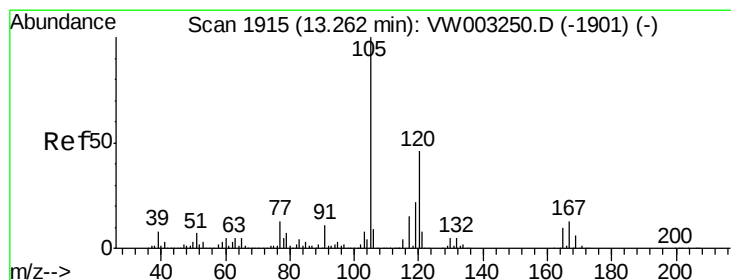
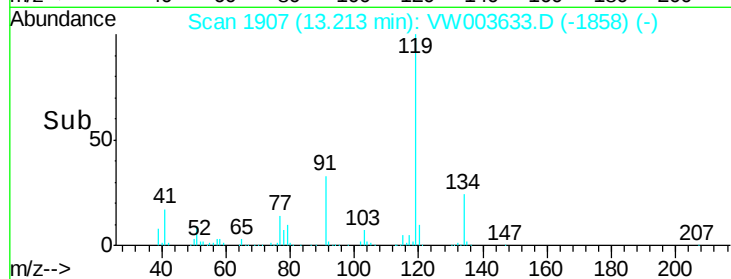
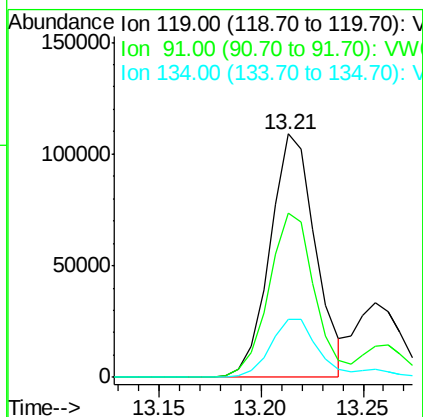
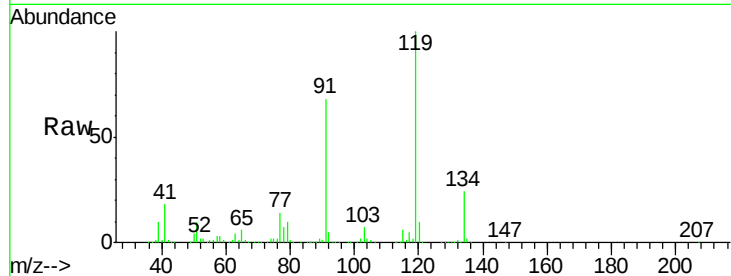
#83
tert-Butylbenzene
Concen: 20.49 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. 0.00 min
Lab File: VW003633.D
Acq: 28 Jun 2018 12:57

Instrument :
MSVOA_W
ClientSampleId :
VW0628SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	168968		
91	68.5	33.9	101.7	
134	24.6	13.4	40.1	

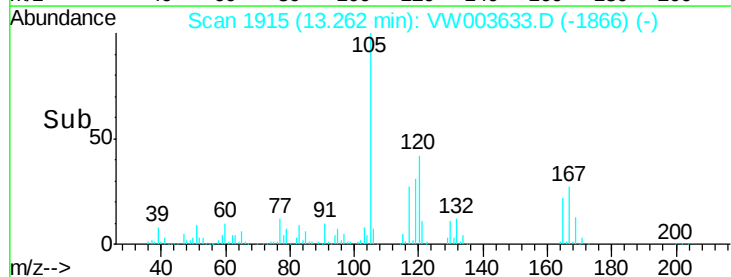
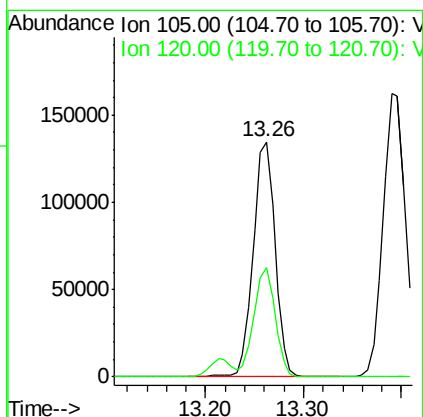
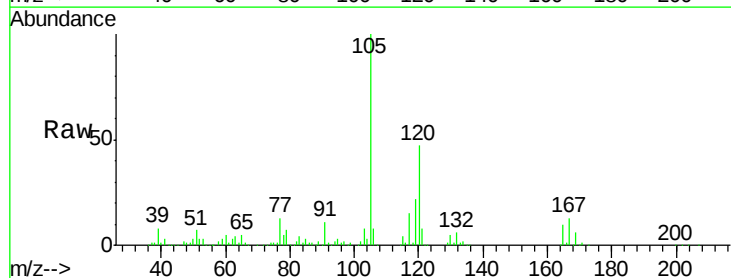
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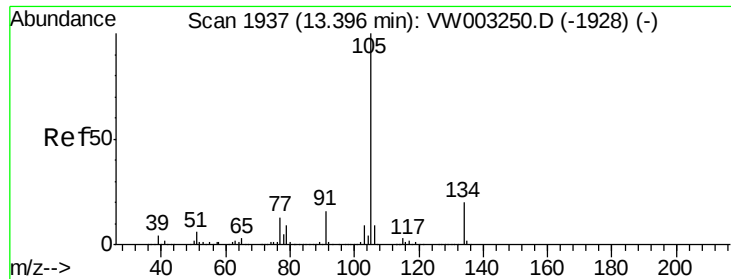
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#84
1,2,4-Trimethylbenzene
Concen: 21.23 ug/l
RT: 13.26 min Scan# 1915
Delta R.T. 0.00 min
Lab File: VW003633.D
Acq: 28 Jun 2018 12:57

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	211270		
120	45.5	22.5	67.5	





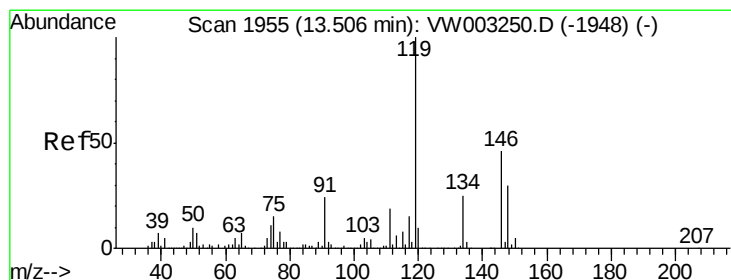
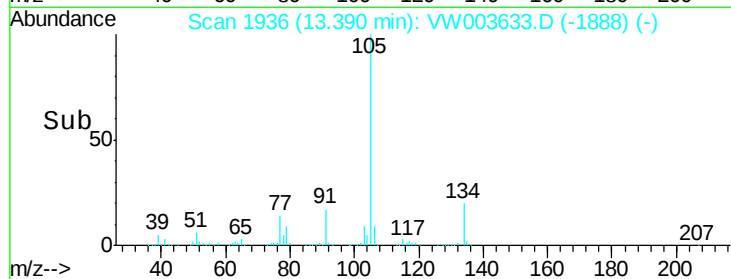
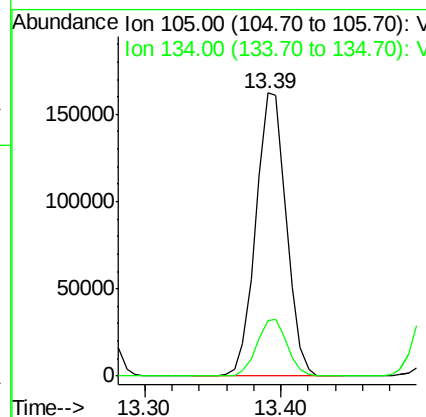
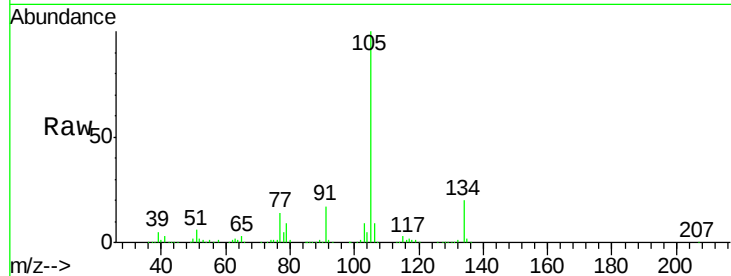
#85
 sec-Butylbenzene
 Concen: 20.82 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: VW003633.D
 Acq: 28 Jun 2018 12:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0628SBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	255195		
134	20.0	9.8	29.5	

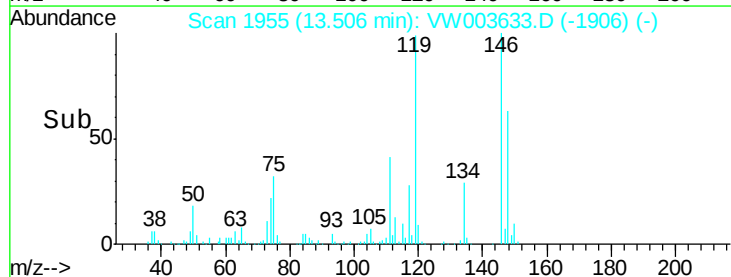
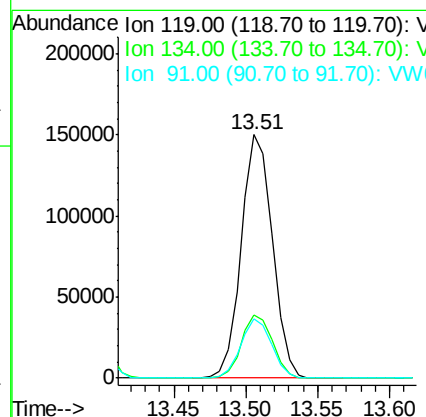
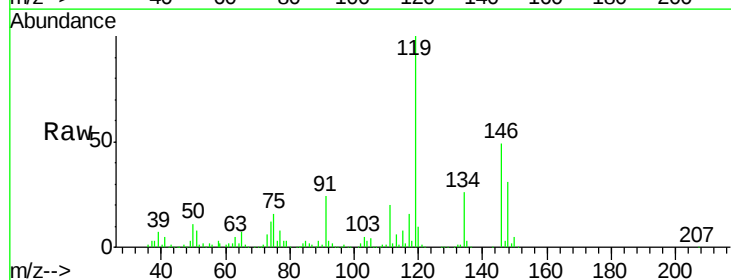
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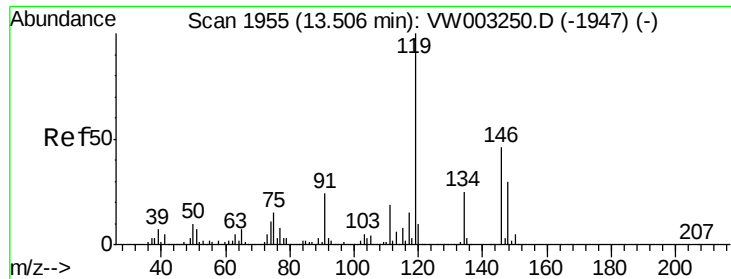
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#86
 p-Isopropyltoluene
 Concen: 20.82 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003633.D
 Acq: 28 Jun 2018 12:57

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	225050		
134	25.9	12.9	38.7	
91	24.1	11.8	35.3	





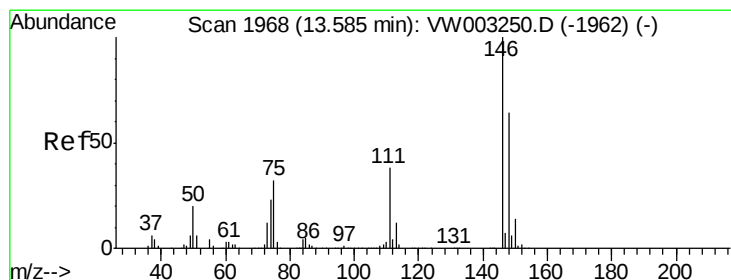
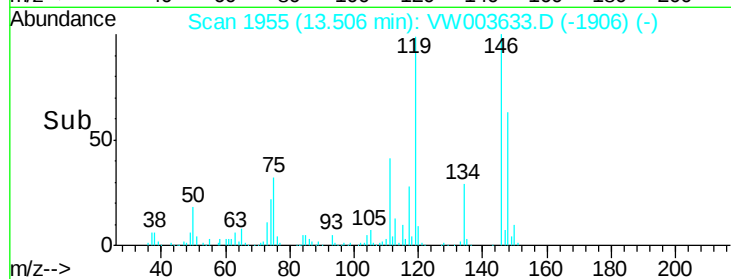
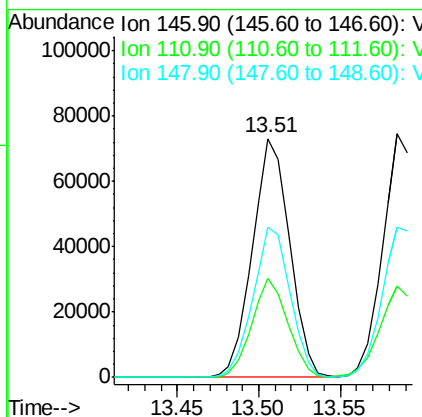
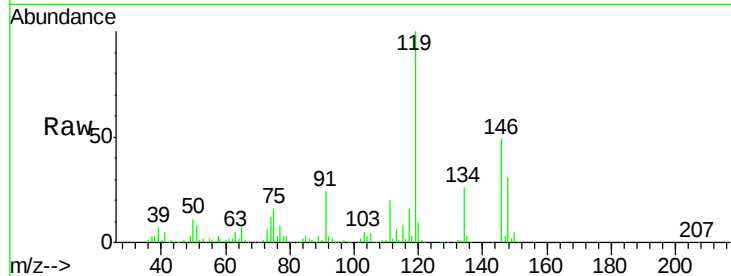
#87
 1,3-Dichlorobenzene
 Concen: 21.00 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003633.D
 Acq: 28 Jun 2018 12:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0628SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	115831		
111	40.2	19.8	59.4	
148	63.0	32.1	96.5	

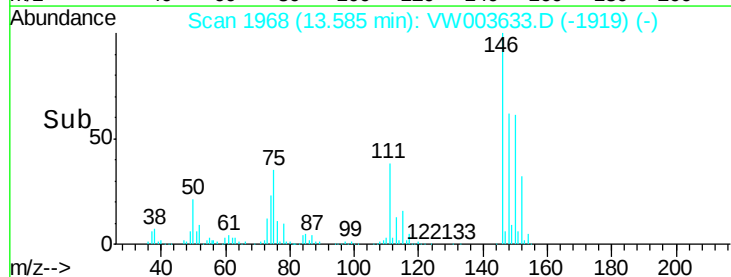
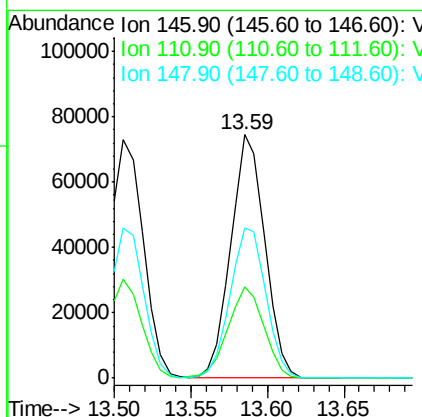
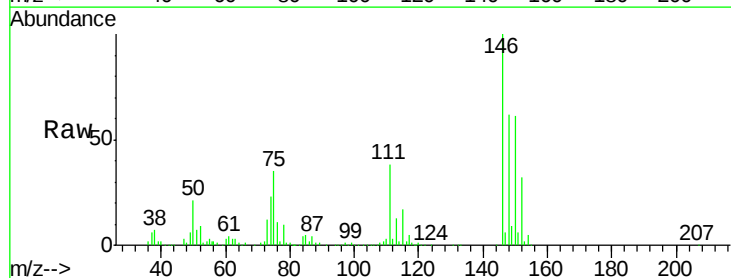
Manual Integrations
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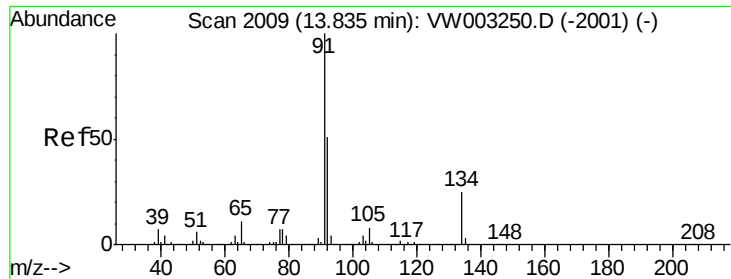
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#88
 1,4-Dichlorobenzene
 Concen: 21.03 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW003633.D
 Acq: 28 Jun 2018 12:57

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	115308		
111	39.7	19.2	57.6	
148	64.8	31.8	95.4	





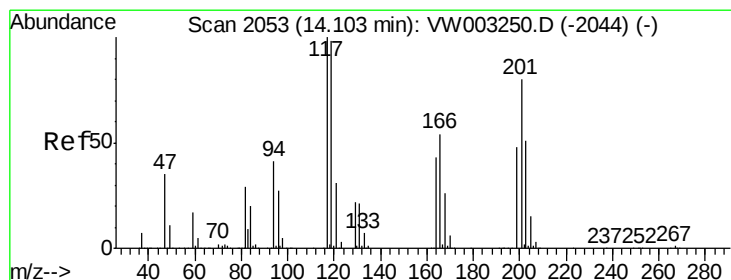
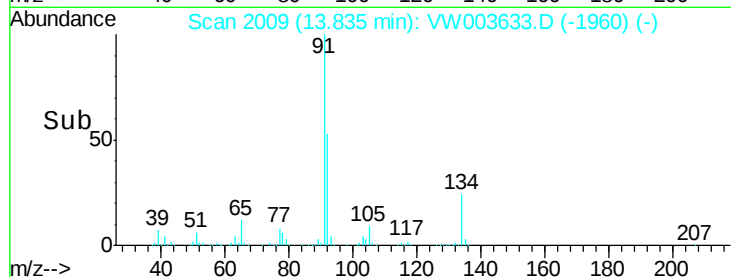
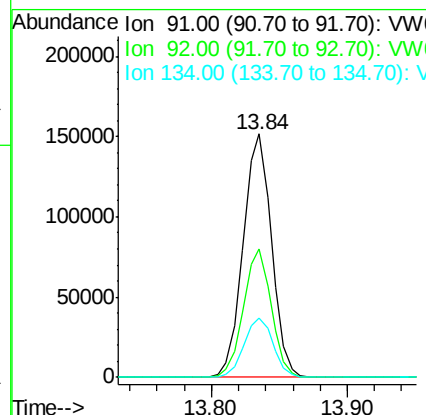
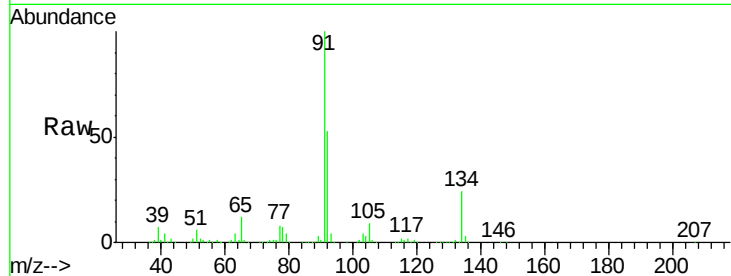
#89
n-Butylbenzene
Concen: 20.99 ug/l
RT: 13.84 min Scan# 2009
Delta R.T. 0.00 min
Lab File: VW003633.D
Acq: 28 Jun 2018 12:57

Instrument :
MSVOA_W
ClientSampleId :
VW0628SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.4	26.0	78.0
134	24.9	12.7	38.0

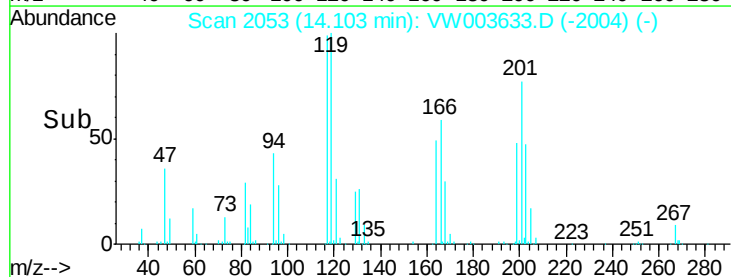
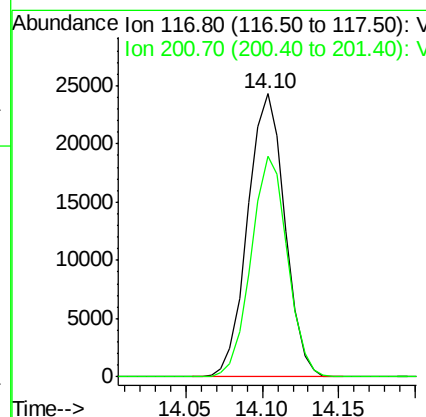
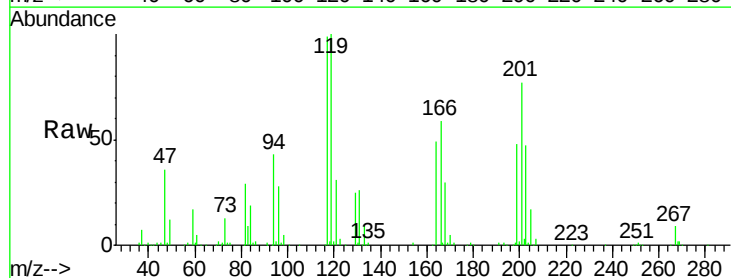
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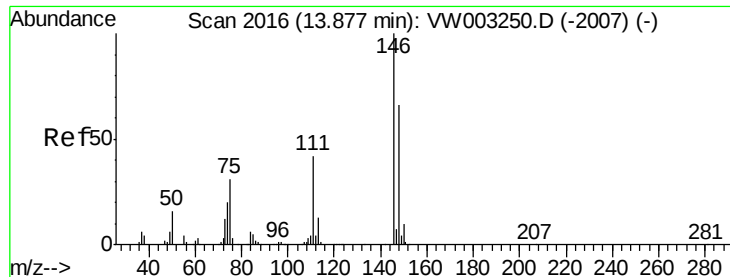
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#90
Hexachloroethane
Concen: 20.95 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.00 min
Lab File: VW003633.D
Acq: 28 Jun 2018 12:57

Tgt Ion	Ratio	Lower	Upper
117	100		
201	76.4	39.5	118.5





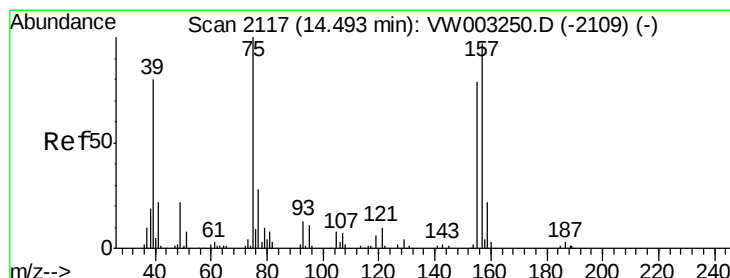
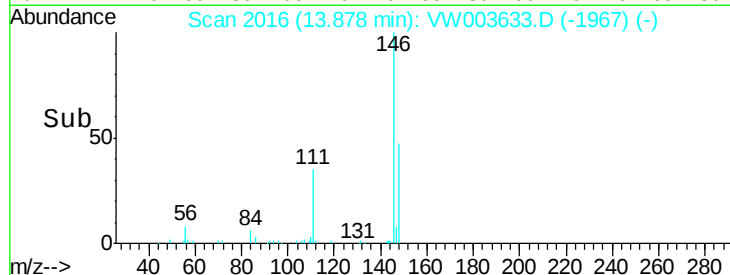
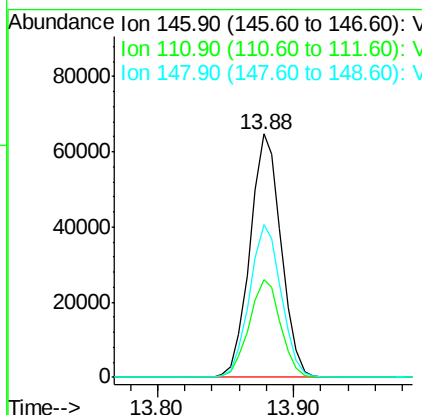
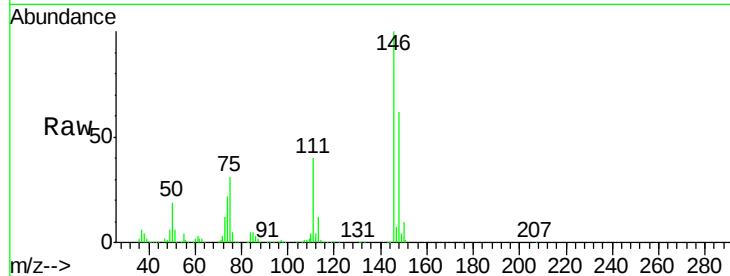
#91
 1,2-Dichlorobenzene
 Concen: 21.51 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW003633.D
 Acq: 28 Jun 2018 12:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0628SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	103919		
111	40.6		20.3	61.0
148	63.5		32.3	96.9

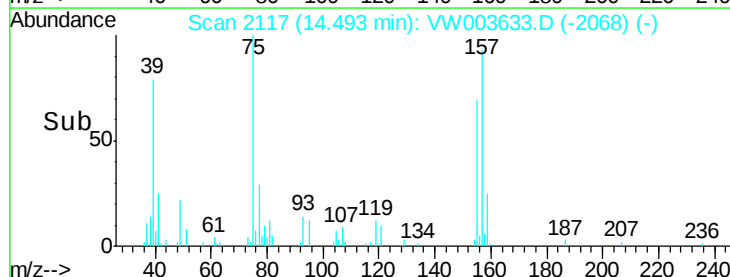
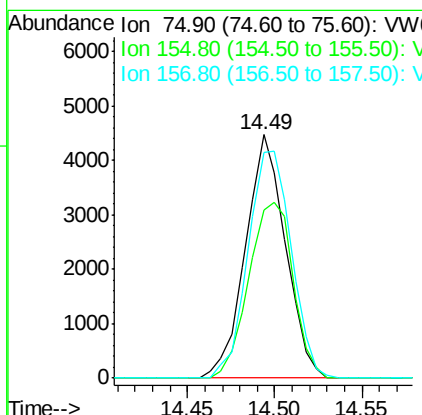
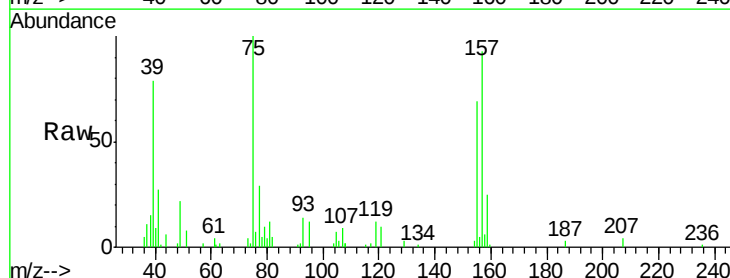
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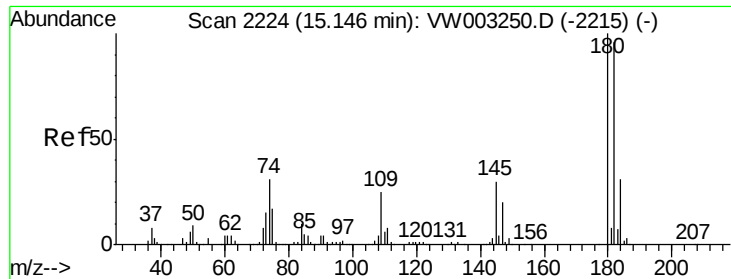
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.68 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW003633.D
 Acq: 28 Jun 2018 12:57

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	7114		
155	79.8		39.4	118.2
157	101.0		51.5	154.5





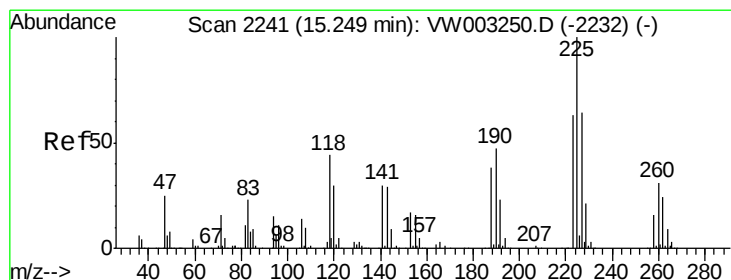
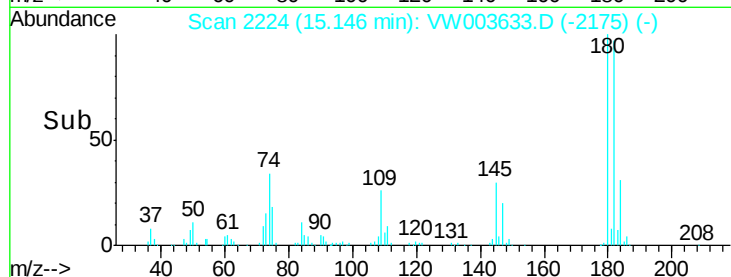
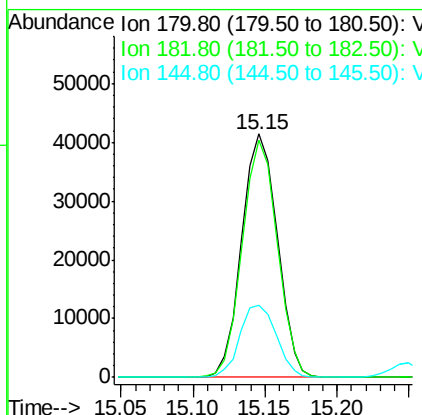
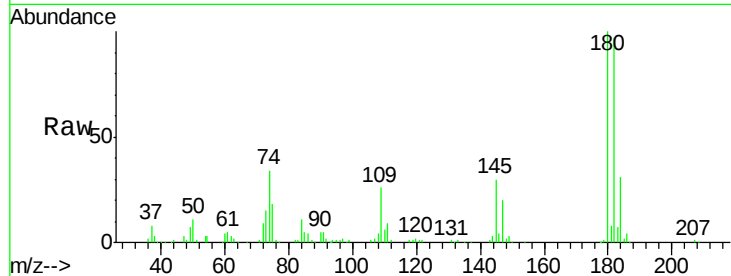
#93
 1,2,4-Trichlorobenzene
 Concen: 21.00 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW003633.D
 Acq: 28 Jun 2018 12:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0628SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.9	143.6
145	30.6	15.2	45.5

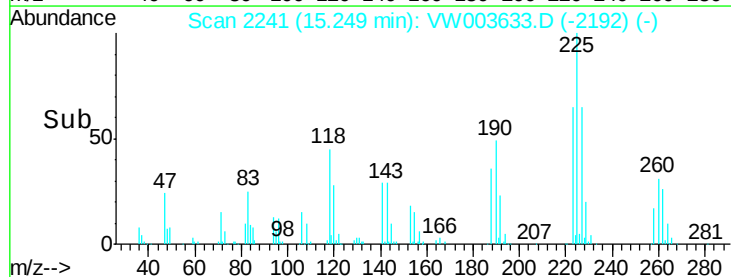
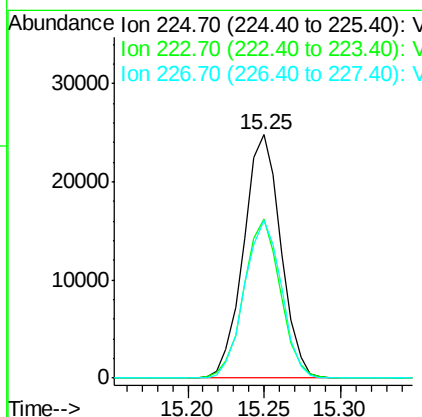
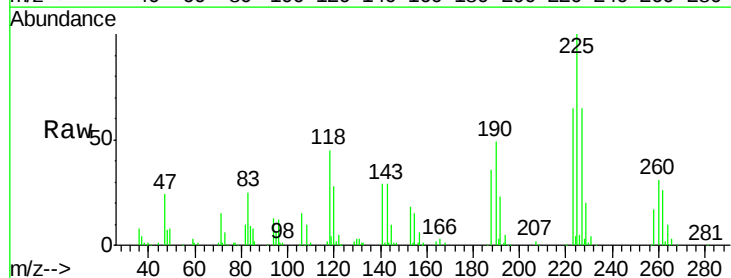
Manual Integrations
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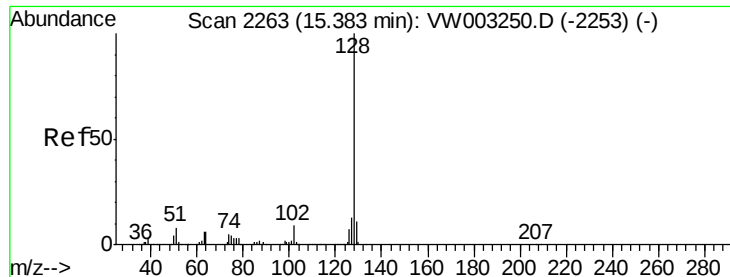
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#94
 Hexachlorobutadiene
 Concen: 20.47 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: VW003633.D
 Acq: 28 Jun 2018 12:57

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.3	30.6	92.0
227	64.9	31.7	95.1





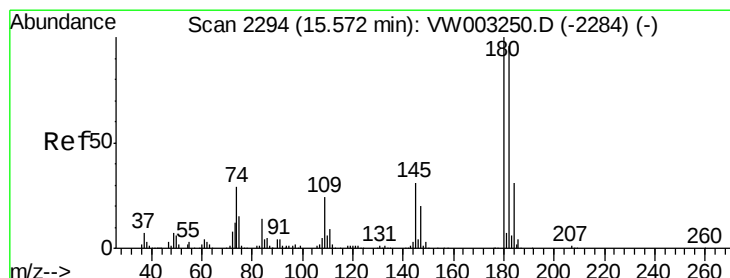
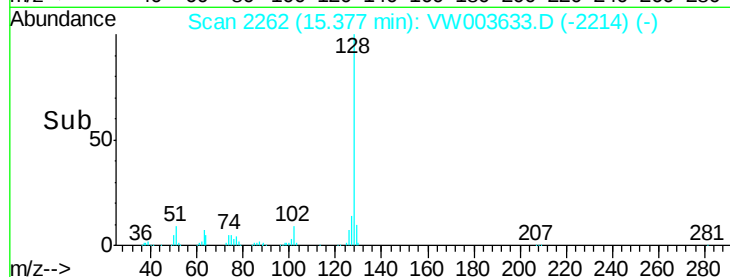
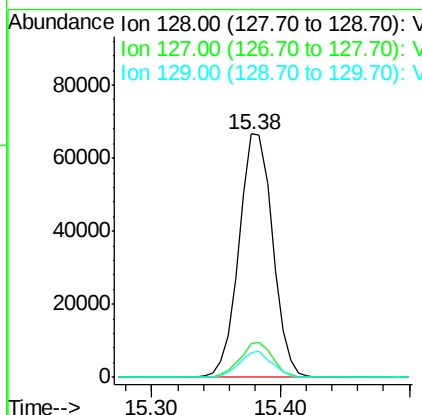
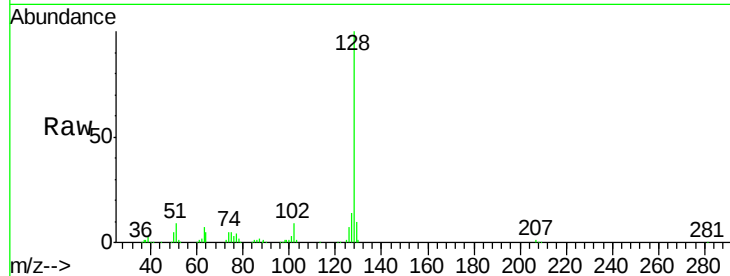
#95
Naphthalene
Concen: 20.95 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. -0.01 min
Lab File: VW003633.D
Acq: 28 Jun 2018 12:57

Instrument :
MSVOA_W
ClientSampleId :
VW0628SBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.5	15.7
129	10.3	8.9	13.3

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 21.07 ug/l
RT: 15.57 min Scan# 2294
Delta R.T. 0.00 min
Lab File: VW003633.D
Acq: 28 Jun 2018 12:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.9	143.6
145	32.7	15.8	47.4

