

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062718\
 Data File : VW003581.D
 Acq On : 26 Jun 2018 21:31
 Operator : SY/AP
 Sample : VW0626SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0627SBS01

Manual Integrations
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 6/27/2018 11:46:55 AM

Quant Time: Jun 27 07:58:21 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	193489	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	304339	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	281474	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	151064	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	116841	55.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.50%	
35) Dibromofluoromethane	7.88	113	102338	54.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.24%	
50) Toluene-d8	10.33	98	406364	54.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.38%	
62) 4-Bromofluorobenzene	12.62	95	142970	53.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	15127	25.86	ug/l	97
3) Chloromethane	2.21	50	33284	22.52	ug/l	95
4) Vinyl Chloride	2.36	62	45815	21.26	ug/l	92
5) Bromomethane	2.78	94	30165	21.06	ug/l	95
6) Chloroethane	2.92	64	31460	20.98	ug/l	93
7) Trichlorofluoromethane	3.25	101	27851	21.58	ug/l	96
8) Diethyl Ether	3.67	74	20865	22.00	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	40064	22.35	ug/l	100
10) Methyl Iodide	4.26	142	59098	21.80	ug/l	99
11) Tert butyl alcohol	5.24	59	12211	108.64	ug/l	100
12) 1,1-Dichloroethene	4.03	96	37672	21.51	ug/l	97
13) Acrolein	3.90	56	12368	76.96	ug/l	94
14) Allyl chloride	4.66	41	66370	21.88	ug/l	98
15) Acrylonitrile	5.37	53	47456	121.64	ug/l	98
16) Acetone	4.15	43	48688	110.77	ug/l	95
17) Carbon Disulfide	4.37	76	111334	21.50	ug/l	100
18) Methyl Acetate	4.68	43	24595	23.59	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	74169	22.61	ug/l	97
20) Methylene Chloride	4.91	84	53306	26.85	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	42140	22.11	ug/l	96
22) Diisopropyl ether	6.31	45	140134	22.95	ug/l	95
23) Vinyl Acetate	6.26	43	398730	113.31	ug/l	99
24) 1,1-Dichloroethane	6.21	63	81656	22.53	ug/l	96
25) 2-Butanone	7.18	43	64117	117.31	ug/l	98
26) 2,2-Dichloropropane	7.17	77	50225	20.76	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	46985	22.44	ug/l	98
28) Bromochloromethane	7.52	49	32100	21.28	ug/l	97
29) Tetrahydrofuran	7.54	42	39495	118.23	ug/l	99
30) Chloroform	7.68	83	84165	22.79	ug/l	100
31) Cyclohexane	7.95	56	72980	21.55	ug/l	# 94
32) 1,1,1-Trichloroethane	7.87	97	69102	22.67	ug/l	99
36) 1,1-Dichloropropene	8.09	75	65306	22.22	ug/l	100
37) Ethyl Acetate	7.26	43	29498	24.23	ug/l	98
38) Carbon Tetrachloride	8.07	117	63777	22.12	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	71703	21.08	ug/l	99
40) Benzene	8.32	78	182543	22.53	ug/l	96
41) Methacrylonitrile	7.49	41	17445	23.35	ug/l	98
42) 1,2-Dichloroethane	8.40	62	57810	22.78	ug/l	99
43) Isopropyl Acetate	8.43	43	55280	22.86	ug/l	99
44) Trichloroethene	9.10	130	46955	21.87	ug/l	99
45) 1,2-Dichloropropane	9.37	63	47440	23.00	ug/l	99
46) Dibromomethane	9.46	93	24287	23.00	ug/l	97
47) Bromodichloromethane	9.65	83	61072	22.56	ug/l	99
48) Methyl methacrylate	9.45	41	25934	22.82	ug/l	98
49) 1,4-Dioxane	9.49	88	7471	468.53	ug/l	89
51) 4-Methyl-2-Pentanone	10.21	43	147652	119.85	ug/l	99
52) Toluene	10.39	92	116626	22.45	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	59437	21.49	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	68032	21.62	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	34564	23.23	ug/l	97
56) Ethyl methacrylate	10.65	69	40024	22.15	ug/l	98
57) 1,3-Dichloropropane	10.94	76	58933	22.96	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	95172	117.48	ug/l	98
59) 2-Hexanone	10.98	43	101968	118.48	ug/l	98
60) Dibromochloromethane	11.13	129	40222	22.73	ug/l	96
61) 1,2-Dibromoethane	11.24	107	32440	23.04	ug/l	99
64) Tetrachloroethene	10.87	164	41558	22.07	ug/l	96
65) Chlorobenzene	11.66	112	128243	21.88	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	44486	21.60	ug/l	99
67) Ethyl Benzene	11.74	91	221160	21.29	ug/l	98
68) m/p-Xylenes	11.85	106	169843	43.00	ug/l	98
69) o-Xylene	12.17	106	78188	21.36	ug/l	99
70) Styrene	12.19	104	133103	21.85	ug/l	100
71) Bromoform	12.35	173	23614	22.12	ug/l #	98
73) Isopropylbenzene	12.47	105	221517	21.08	ug/l	99
74) N-amyl acetate	12.28	43	54450	22.77	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	41691	23.45	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	28512m	22.08	ug/l	
77) Bromobenzene	12.76	156	52422	21.42	ug/l	98
78) n-propylbenzene	12.81	91	276680	21.51	ug/l	100
79) 2-Chlorotoluene	12.90	91	156817	21.57	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	191309	21.69	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	12105	21.57	ug/l	96
82) 4-Chlorotoluene	12.99	91	166027	21.53	ug/l	99
83) tert-Butylbenzene	13.21	119	159202	21.18	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	198488	21.88	ug/l	99
85) sec-Butylbenzene	13.39	105	241215	21.59	ug/l	100
86) p-Isopropyltoluene	13.51	119	210650	21.38	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	108733	21.63	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	108860	21.78	ug/l	99
89) n-Butylbenzene	13.83	91	204922	21.34	ug/l	99
90) Hexachloroethane	14.10	117	37654	21.12	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	97733	22.20	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7052	23.57	ug/l	94

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ClientSampleId :
VW0627SBSD01

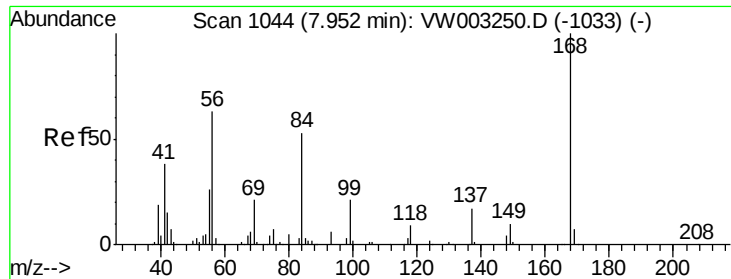
Manual Integrations
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6/27/2018 11:46:55 AM

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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)
93) 1,2,4-Trichlorobenzene	15.15	180	65952	21.34	ug/l	98
94) Hexachlorobutadiene	15.25	225	38865	20.90	ug/l	98
95) Naphthalene	15.38	128	115462	22.02	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	59328	21.80	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: VW003581.D

Acq: 26 Jun 2018 21:31

Instrument :

MSVOA_W

ClientSampleId :

VW0627SBSD01

Tot Ion:168 Resp: 193489

Ion Ratio Lower Upper

168 100

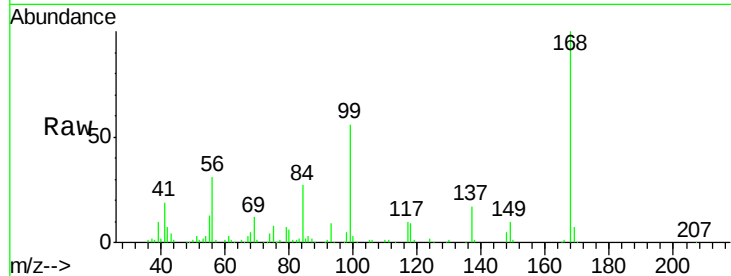
99 55.5 45.5 68.3

Manual Integrations

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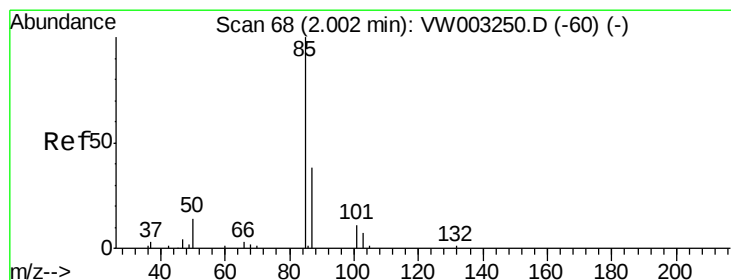
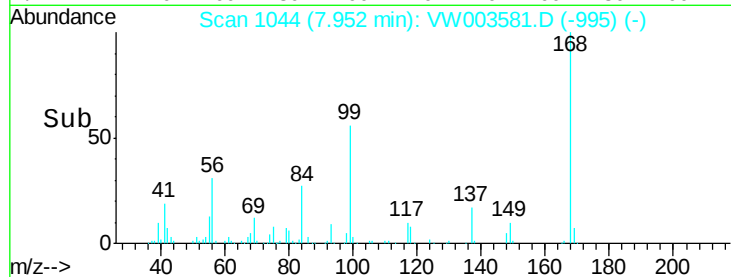
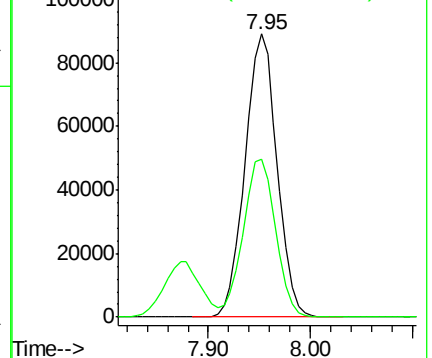
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 25.86 ug/l

RT: 2.01 min Scan# 69

Delta R.T. 0.01 min

Lab File: VW003581.D

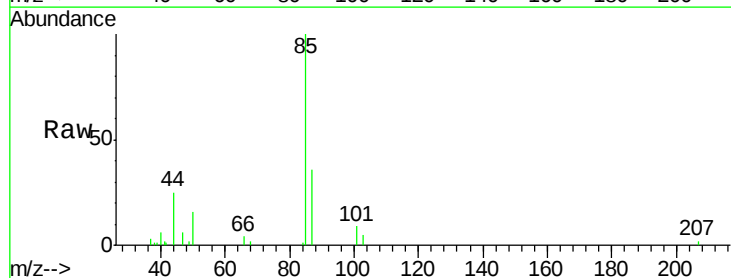
Acq: 26 Jun 2018 21:31

Tgt Ion: 85 Resp: 15127

Ion Ratio Lower Upper

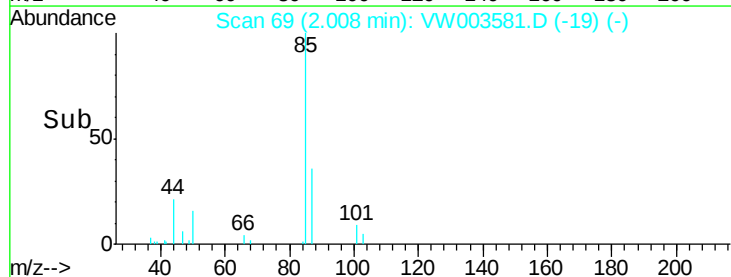
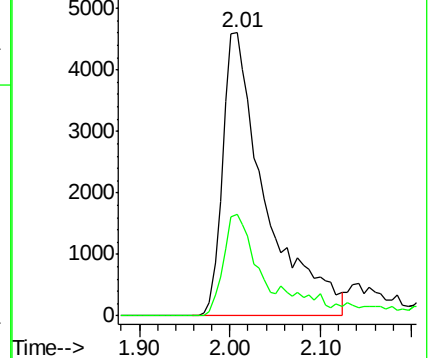
85 100

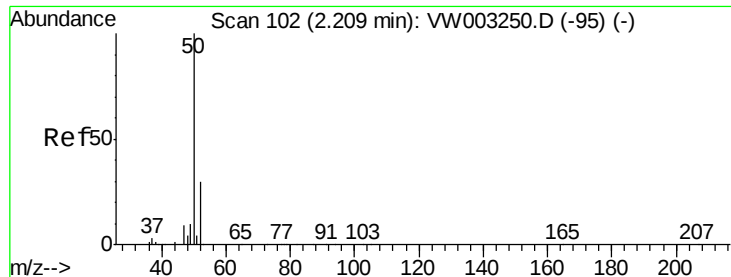
87 36.0 18.9 56.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 22.52 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW003581.D

Acq: 26 Jun 2018 21:31

Instrument :

MSVOA_W

ClientSampleId :

VW0627SBS01

Tot Ion: 50 Resp: 33284

Ion Ratio Lower Upper

50 100

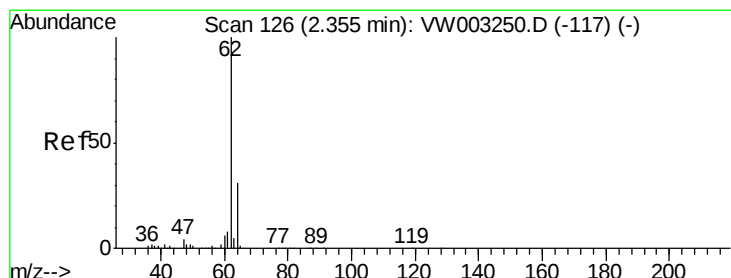
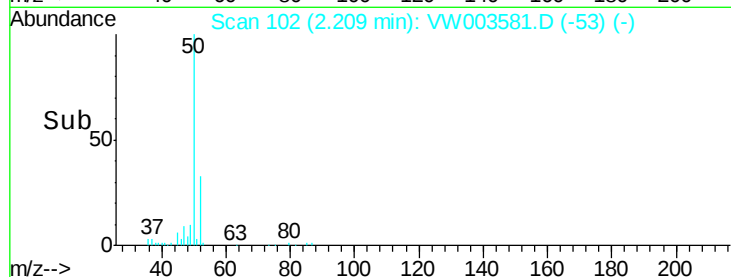
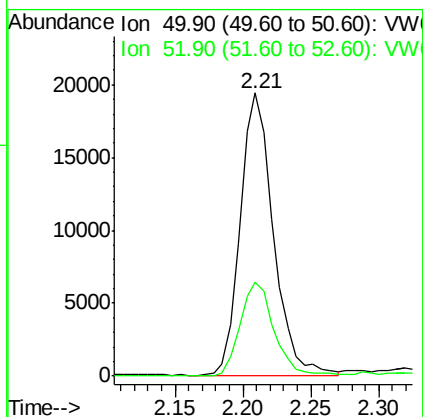
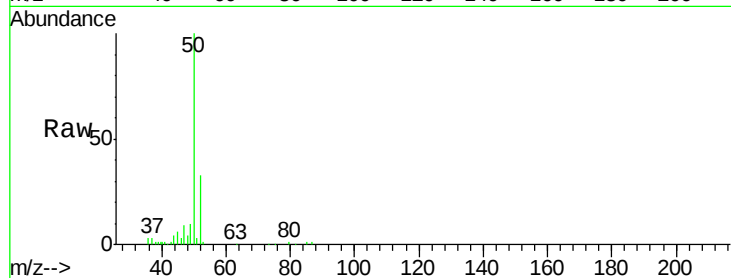
52 33.1 24.2 36.2

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#4

Vinyl Chloride

Concen: 21.26 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW003581.D

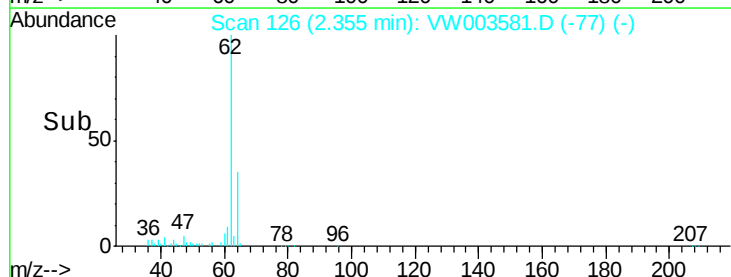
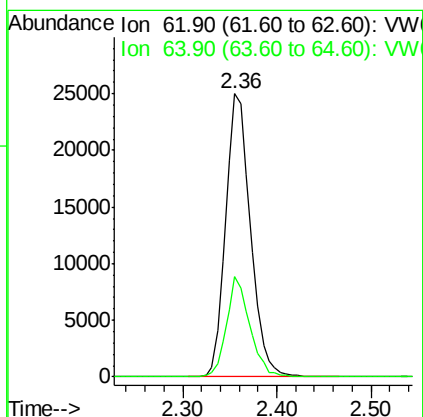
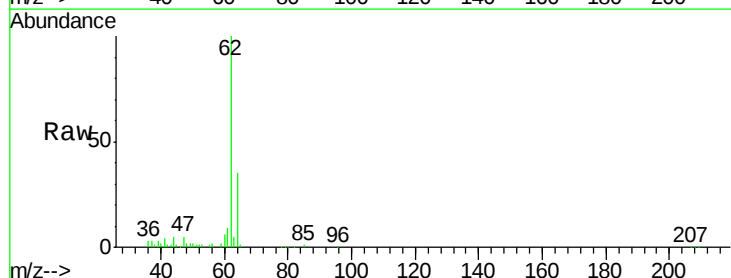
Acq: 26 Jun 2018 21:31

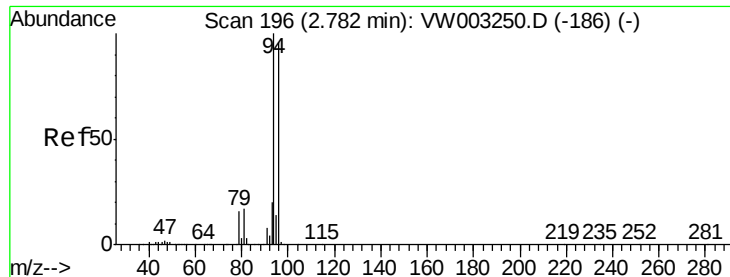
Tgt Ion: 62 Resp: 45815

Ion Ratio Lower Upper

62 100

64 35.3 24.9 37.3





#5

Bromomethane

Concen: 21.06 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.00 min

Lab File: VW003581.D

Acq: 26 Jun 2018 21:31

Instrument :

MSVOA_W

ClientSampleId :

VW0627SBSD01

Tot Ion: 94 Resp: 30165

Ion Ratio Lower Upper

94 100

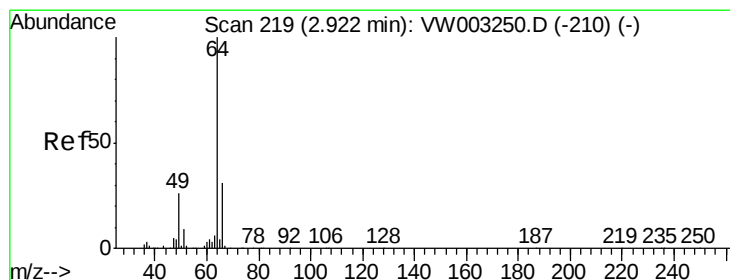
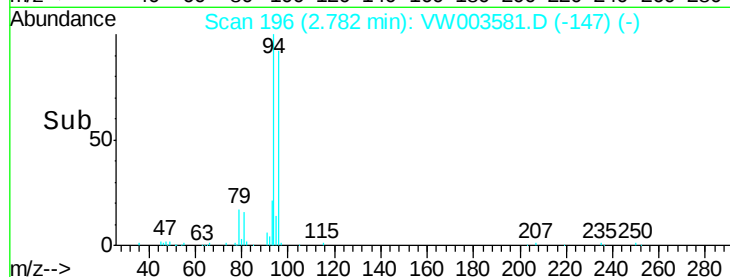
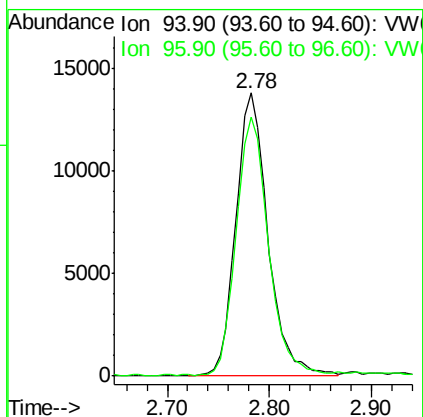
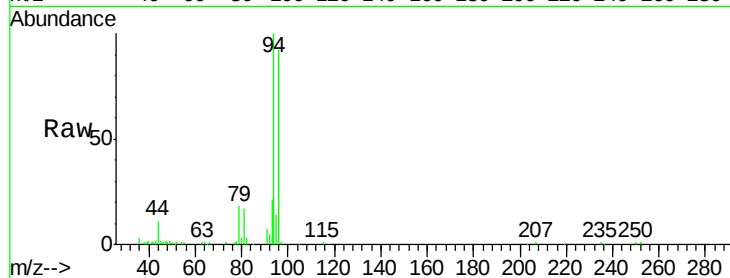
96 91.2 76.5 114.7

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6/27/2018 11:46:55 AM



#6

Chloroethane

Concen: 20.98 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.00 min

Lab File: VW003581.D

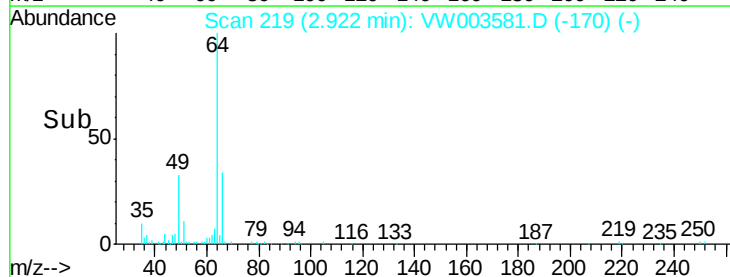
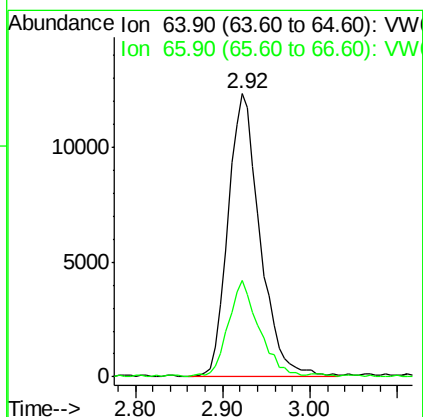
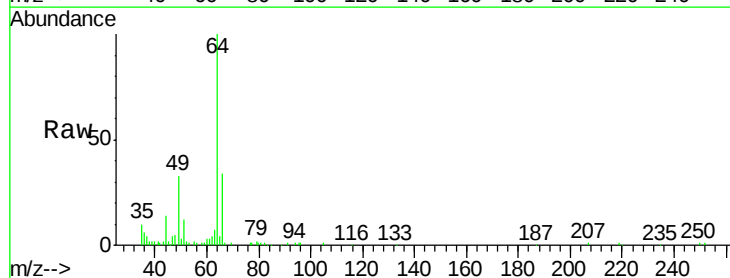
Acq: 26 Jun 2018 21:31

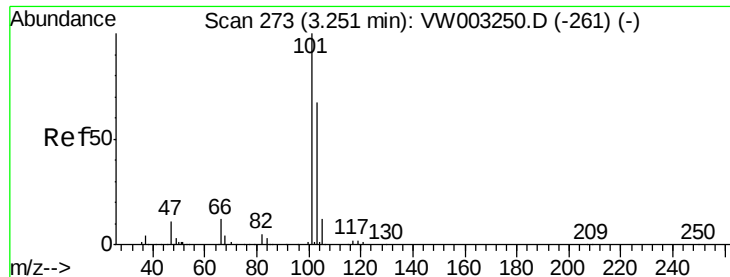
Tgt Ion: 64 Resp: 31460

Ion Ratio Lower Upper

64 100

66 34.1 24.4 36.6





#7

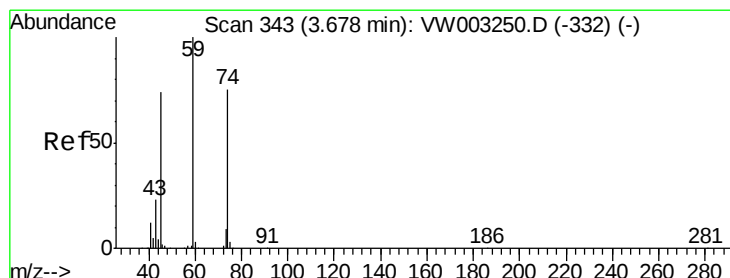
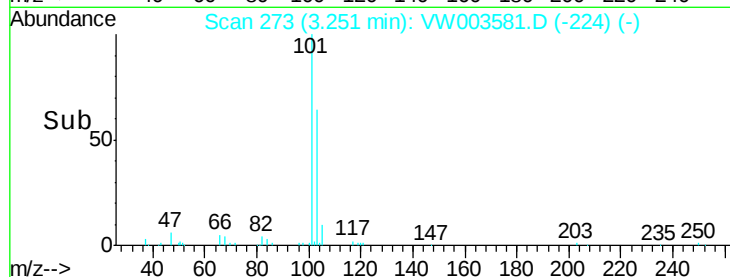
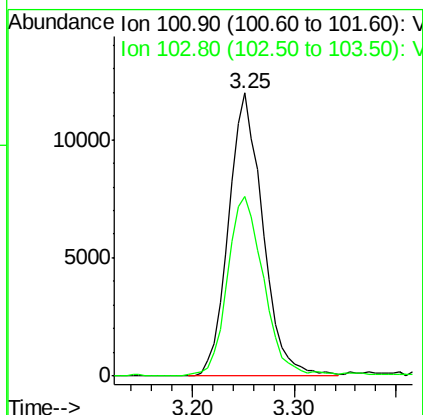
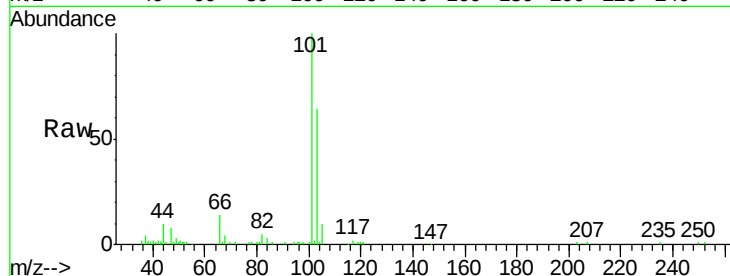
Trichlorofluoromethane
Concen: 21.58 ug/l
RT: 3.25 min Scan# 273
Delta R.T. 0.00 min
Lab File: VW003581.D
Acq: 26 Jun 2018 21:31

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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.1	53.4	80.0

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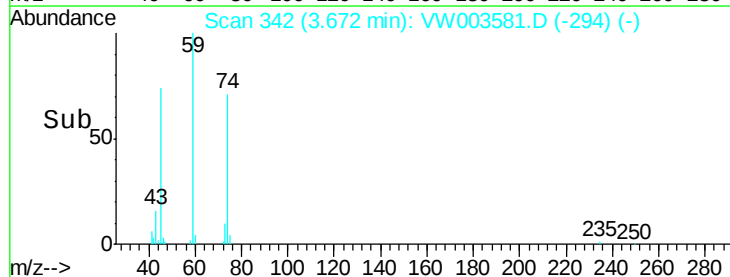
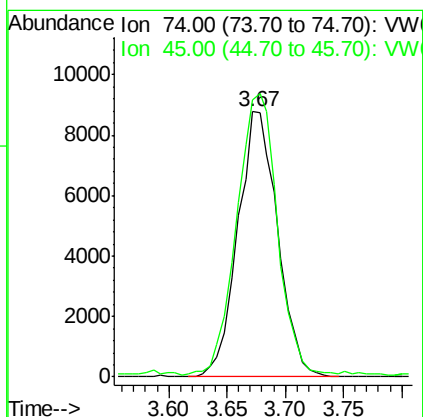
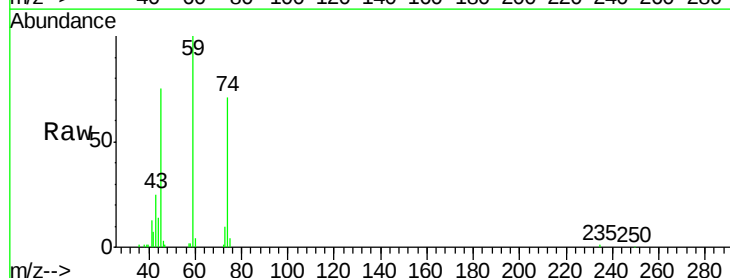
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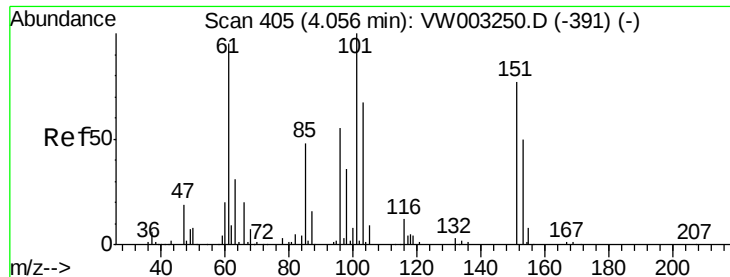


#8

Diethyl Ether
Concen: 22.00 ug/l
RT: 3.67 min Scan# 342
Delta R.T. -0.01 min
Lab File: VW003581.D
Acq: 26 Jun 2018 21:31

Tgt Ion	Ratio	Lower	Upper
74	100		
45	107.7	51.4	154.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.35 ug/l

RT: 4.06 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW003581.D

Acq: 26 Jun 2018 21:31

Instrument :

MSVOA_W

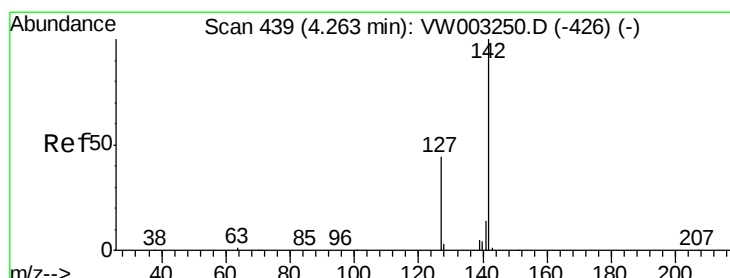
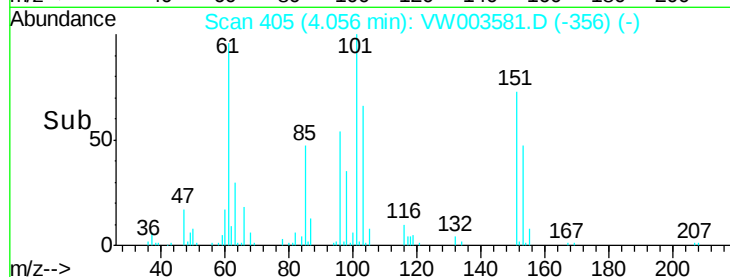
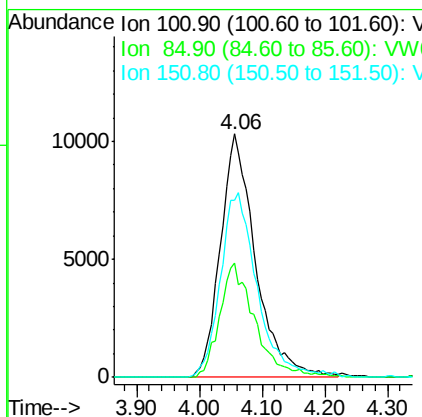
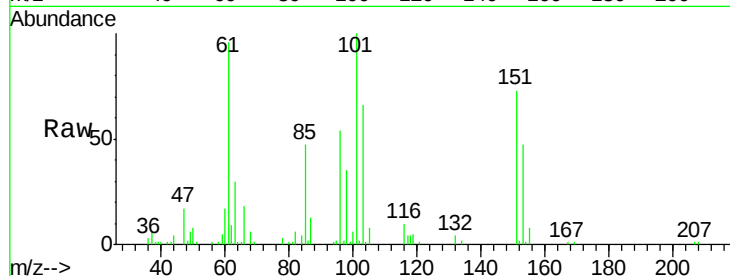
ClientSampleId :

VW0627SBS01

Tot Ion:	101	Resp:	40064
Ion Ratio	Lower	Upper	
101	100		
85	46.4	37.0	55.6
151	78.7	63.3	94.9

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#10

Methyl Iodide

Concen: 21.80 ug/l

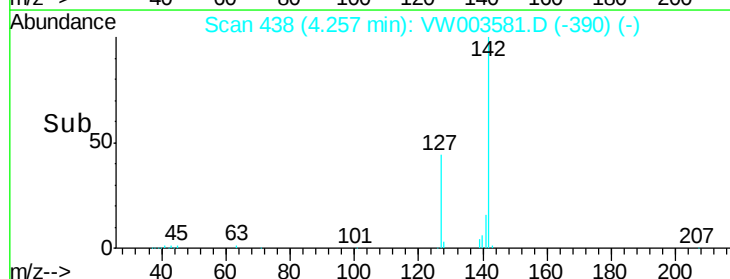
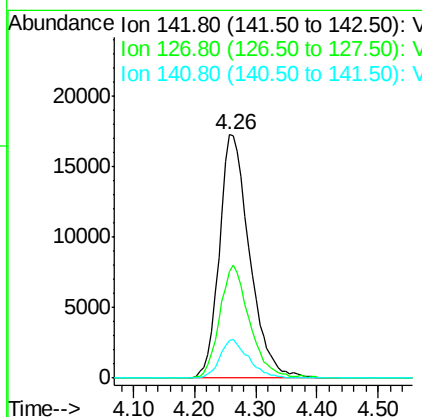
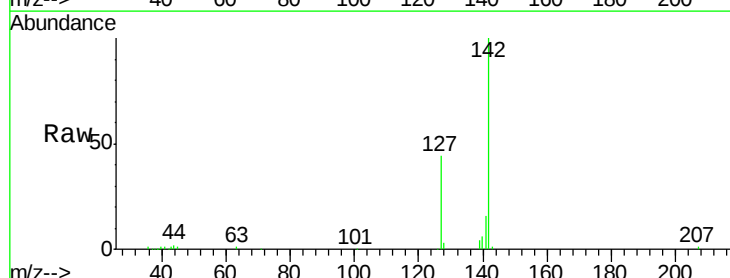
RT: 4.26 min Scan# 438

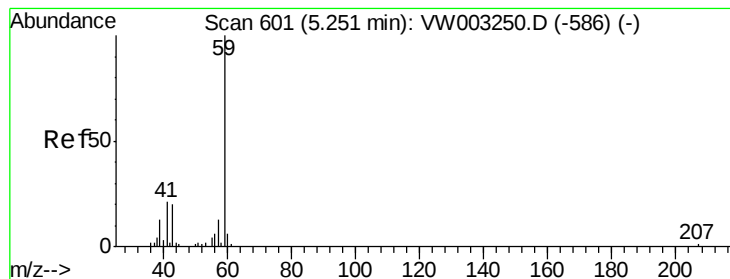
Delta R.T. -0.01 min

Lab File: VW003581.D

Acq: 26 Jun 2018 21:31

Tgt Ion:	142	Resp:	59098
Ion Ratio	Lower	Upper	
142	100		
127	46.0	36.5	54.7
141	15.2	12.1	18.1





#11

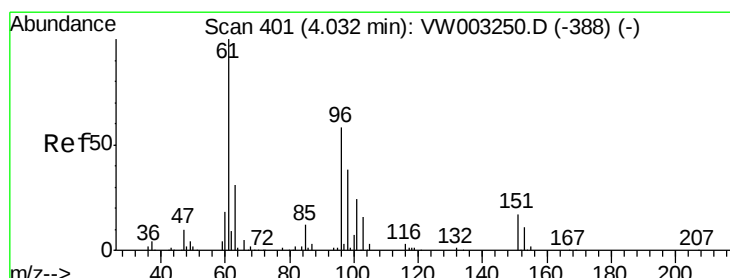
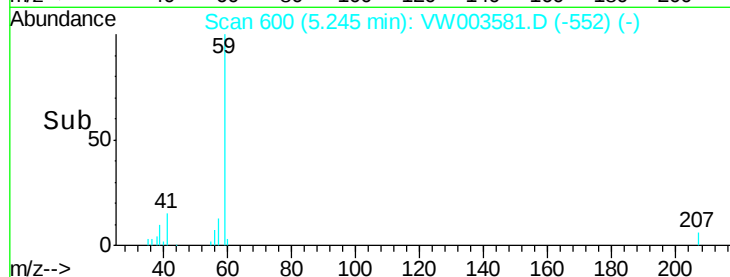
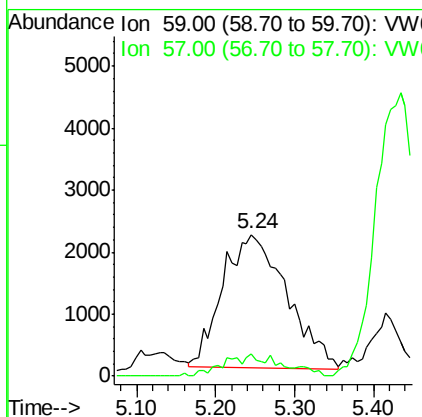
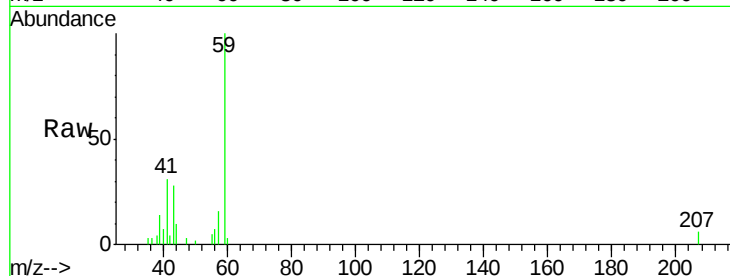
Tert butyl alcohol
Concen: 108.64 ug/l
RT: 5.24 min Scan# 600
Delta R.T. -0.01 min
Lab File: VW003581.D
Acq: 26 Jun 2018 21:31

Instrument :
MSVOA_W
ClientSampled :
VW0627SBS01

Tot Ion	59	57	Ratio	100	5.3	Resp	12211	Lower	Upper
59	100								
57		5.3				4.2			6.2

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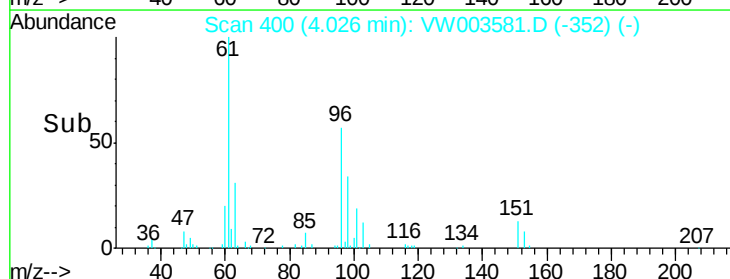
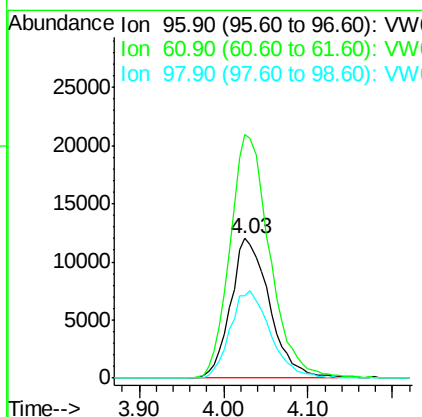
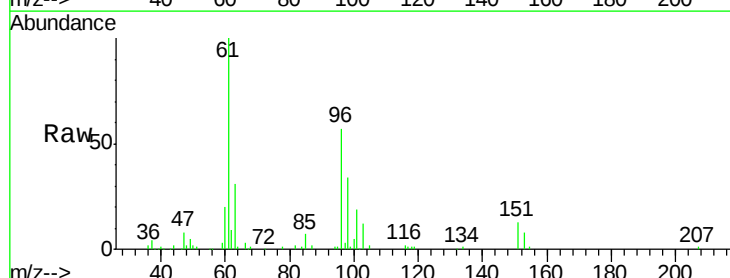
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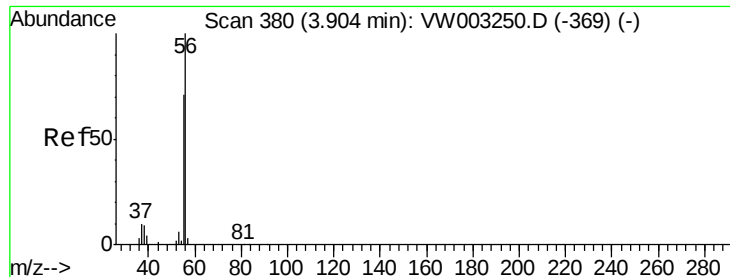


#12

1,1-Dichloroethene
Concen: 21.51 ug/l
RT: 4.03 min Scan# 400
Delta R.T. -0.01 min
Lab File: VW003581.D
Acq: 26 Jun 2018 21:31

Tgt Ion	96	61	98	Ratio	100	174.5	59.1	Resp	37672	Lower	Upper
96	100										
61		174.5				139.0			208.4		
98			59.1				53.3		79.9		





#13

Acrolein

Concen: 76.96 ug/l

RT: 3.90 min Scan# 379

Delta R.T. -0.01 min

Lab File: VW003581.D

Acq: 26 Jun 2018 21:31

Instrument :

MSVOA_W

ClientSampleId :

VW0627SBS01

Tot Ion: 56 Resp: 12368

Ion Ratio Lower Upper

56 100

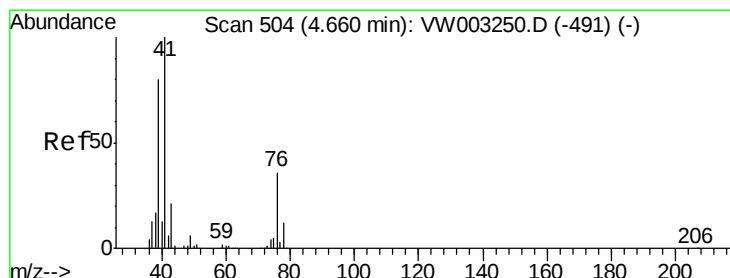
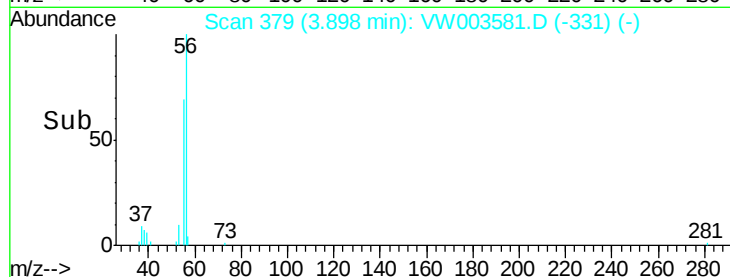
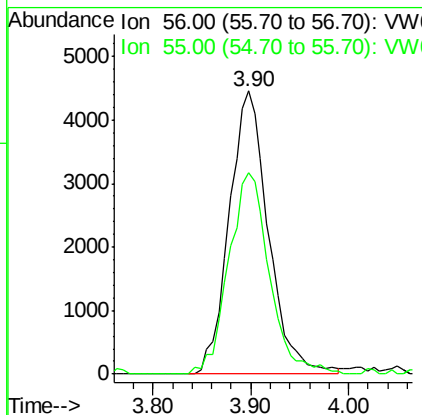
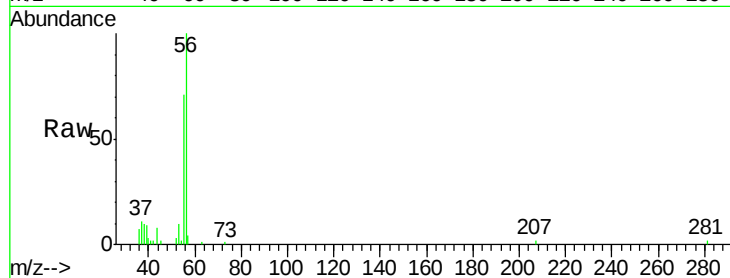
55 74.0 55.4 83.2

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#14

Allyl chloride

Concen: 21.88 ug/l

RT: 4.66 min Scan# 504

Delta R.T. 0.00 min

Lab File: VW003581.D

Acq: 26 Jun 2018 21:31

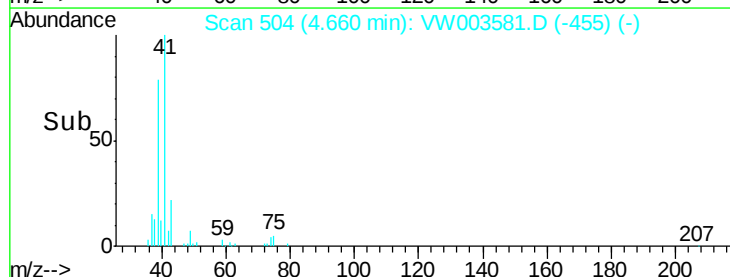
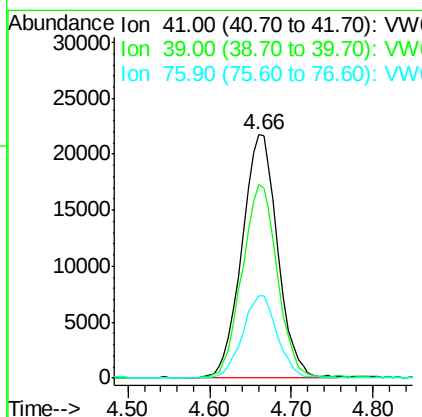
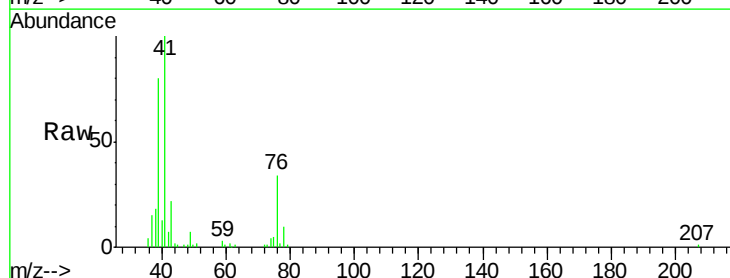
Tgt Ion: 41 Resp: 66370

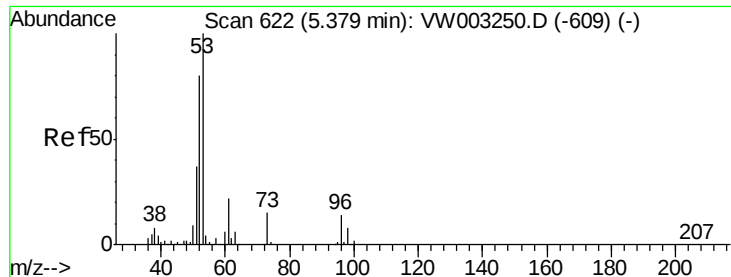
Ion Ratio Lower Upper

41 100

39 78.5 63.2 94.8

76 32.9 28.0 42.0





#15

Acrylonitrile

Concen: 121.64 ug/l

RT: 5.37 min Scan# 621

Delta R.T. -0.01 min

Lab File: VW003581.D

Acq: 26 Jun 2018 21:31

Instrument :

MSVOA_W

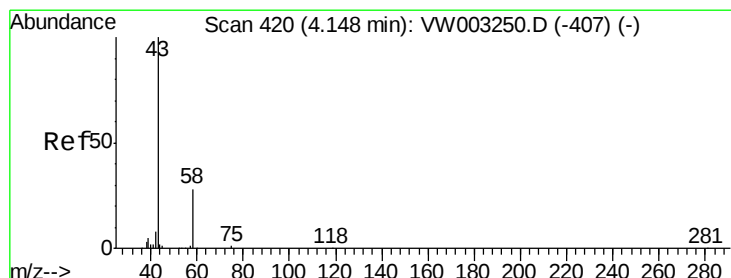
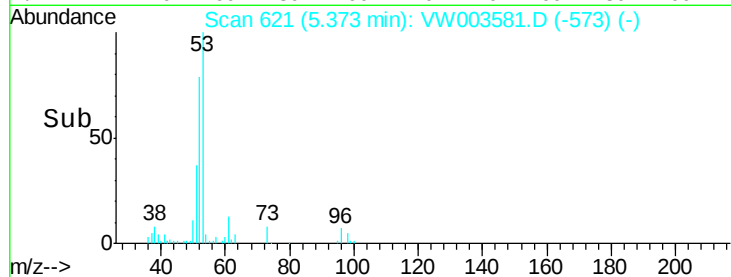
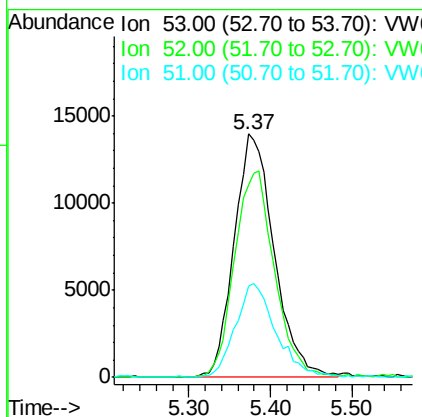
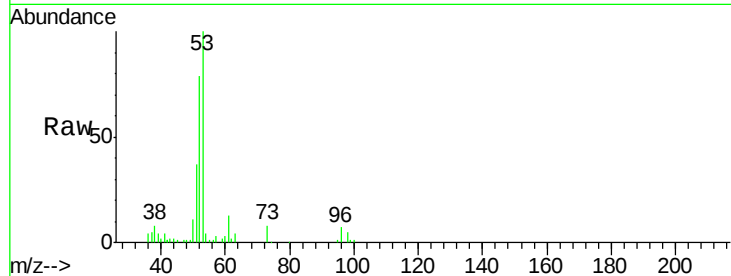
ClientSampleId :

VW0627SBS01

Tot Ion:	53	Resp:	47456
Ion	Ratio	Lower	Upper
53	100		
52	84.9	66.6	100.0
51	39.1	30.6	46.0

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#16

Acetone

Concen: 110.77 ug/l

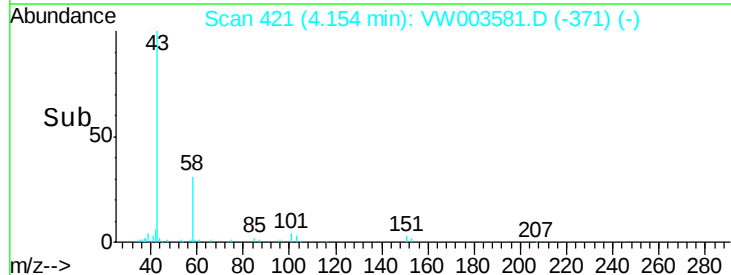
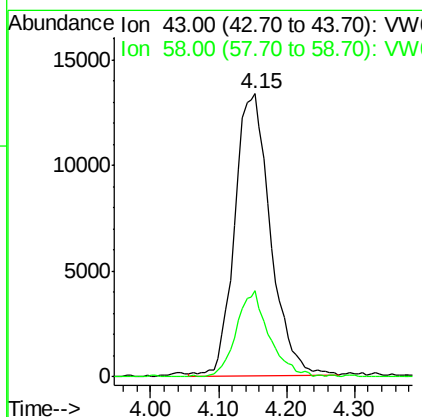
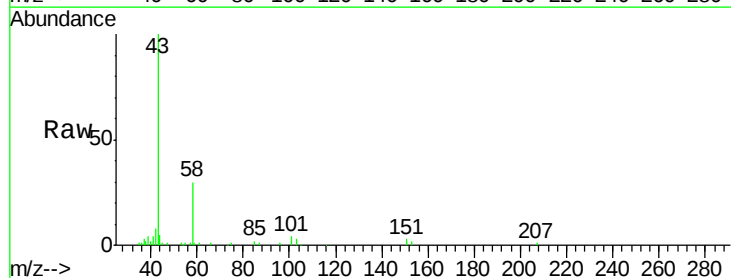
RT: 4.15 min Scan# 421

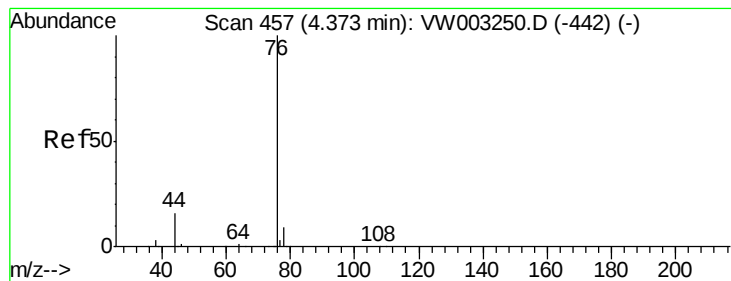
Delta R.T. 0.01 min

Lab File: VW003581.D

Acq: 26 Jun 2018 21:31

Tgt Ion:	43	Resp:	48688
Ion	Ratio	Lower	Upper
43	100		
58	30.7	22.6	34.0





#17

Carbon Disulfide

Concen: 21.50 ug/l

RT: 4.37 min Scan# 456

Delta R.T. -0.01 min

Lab File: VW003581.D

Acq: 26 Jun 2018 21:31

Instrument :

MSVOA_W

ClientSampleId :

VW0627SBSD01

Tot Ion: 76 Resp: 111334

Ion Ratio Lower Upper

76 100

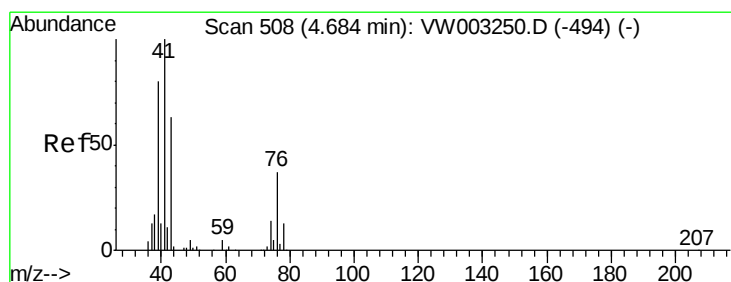
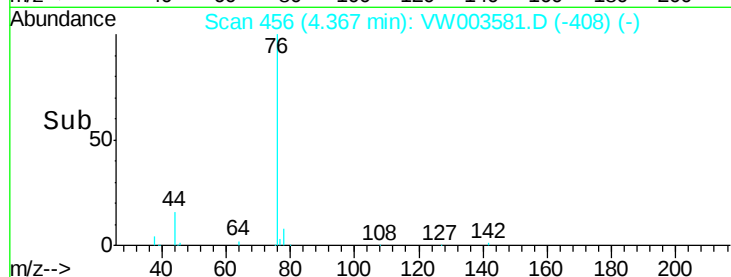
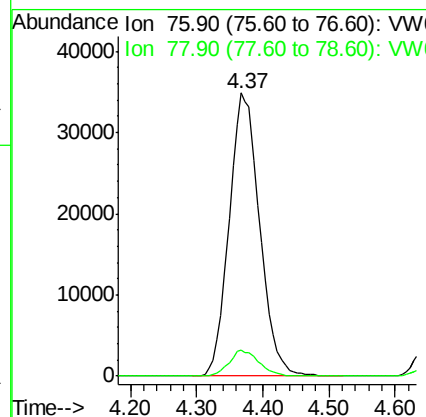
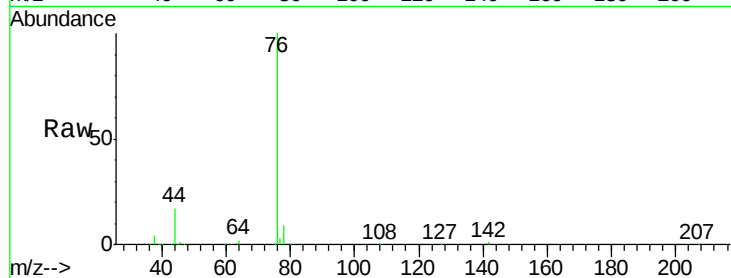
78 9.0 7.1 10.7

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#18

Methyl Acetate

Concen: 23.59 ug/l

RT: 4.68 min Scan# 507

Delta R.T. -0.01 min

Lab File: VW003581.D

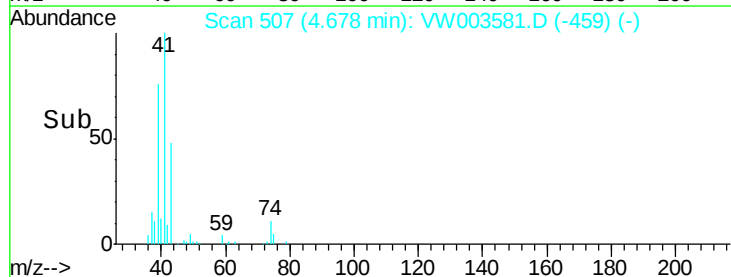
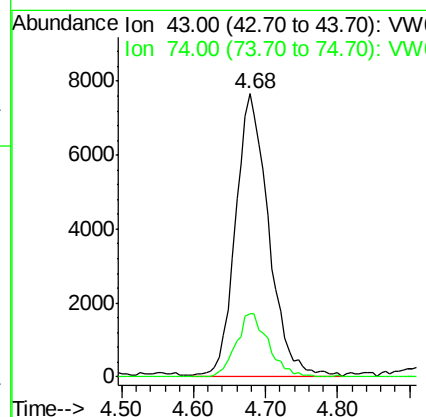
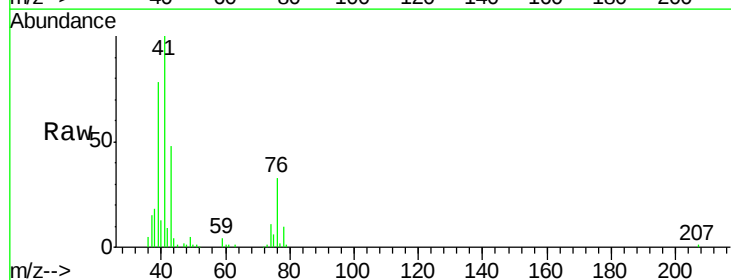
Acq: 26 Jun 2018 21:31

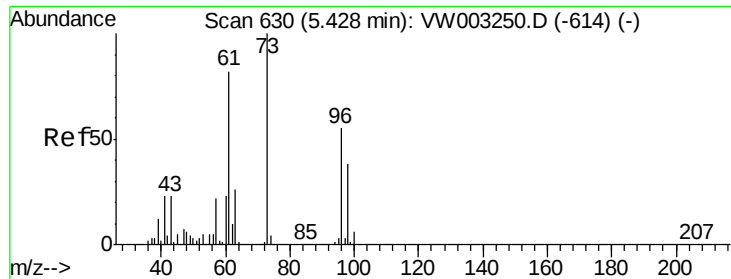
Tgt Ion: 43 Resp: 24595

Ion Ratio Lower Upper

43 100

74 21.6 18.7 28.1





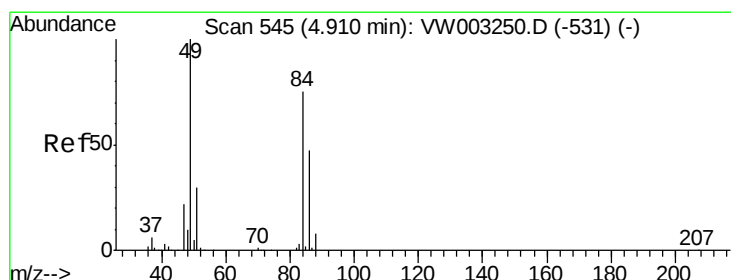
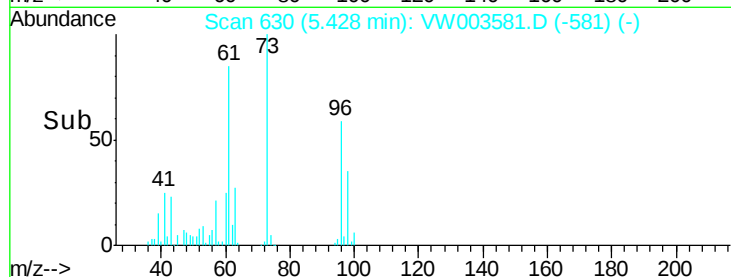
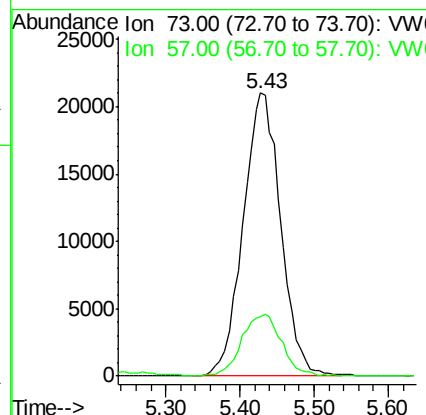
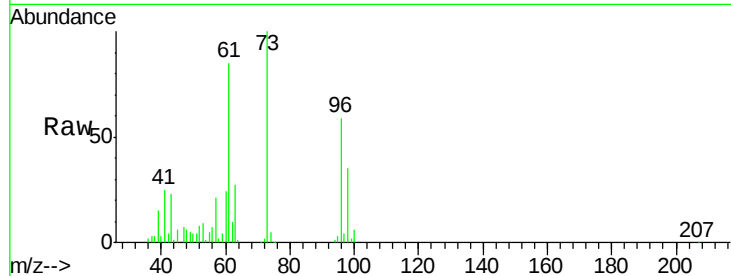
#19
Methyl tert-butyl Ether
Concen: 22.61 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.00 min
Lab File: VW003581.D
Acq: 26 Jun 2018 21:31

Instrument :
MSVOA_W
ClientSampleId :
VW0627SBS01

Tot Ion: 73 Resp: 74169
Ion Ratio Lower Upper
73 100
57 20.8 18.0 27.0

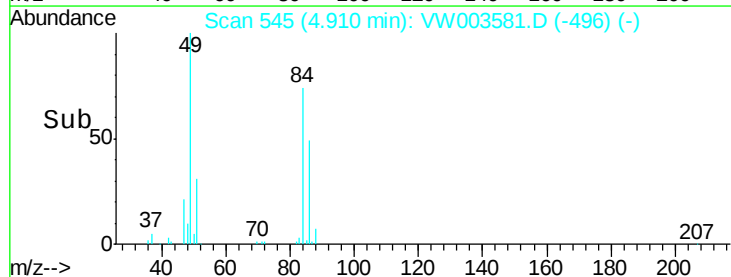
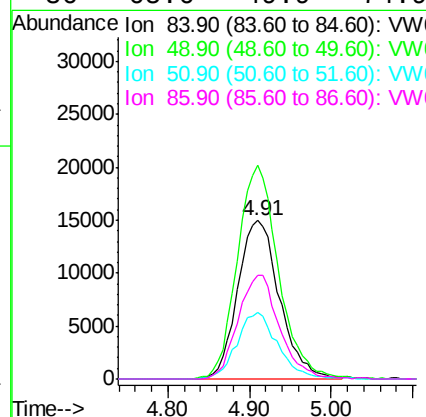
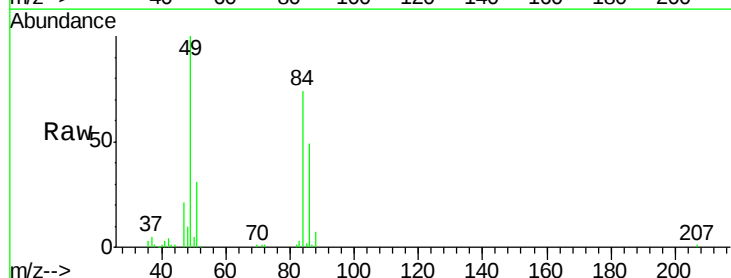
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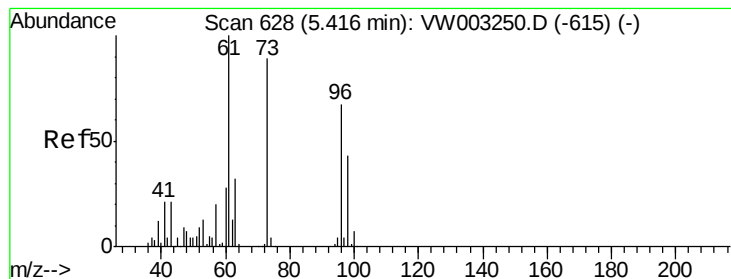
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#20
Methylene Chloride
Concen: 26.85 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003581.D
Acq: 26 Jun 2018 21:31

Tgt Ion: 84 Resp: 53306
Ion Ratio Lower Upper
84 100
49 134.4 106.3 159.5
51 41.7 32.0 48.0
86 65.6 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 22.11 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.00 min

Lab File: VW003581.D

Acq: 26 Jun 2018 21:31

Instrument :

MSVOA_W

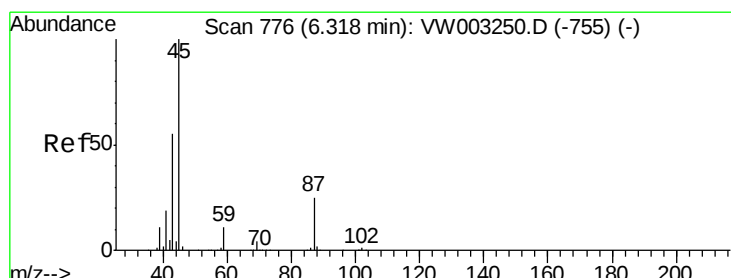
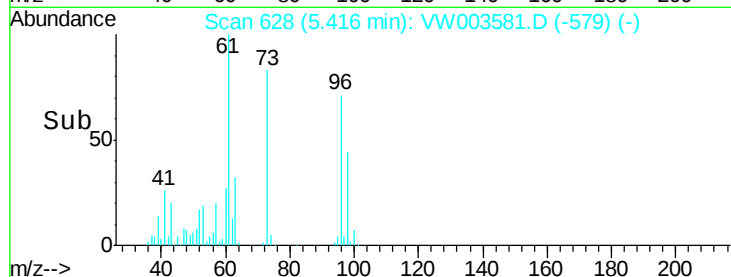
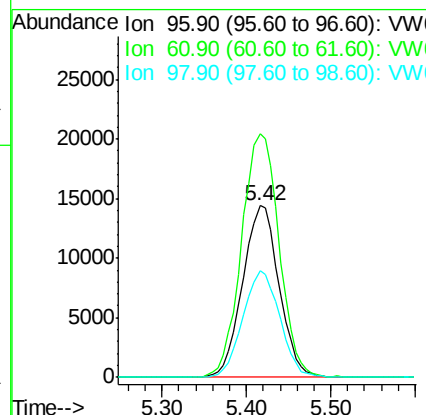
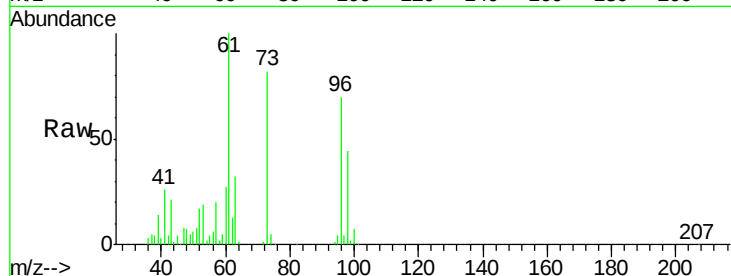
ClientSampleId :

VW0627SBSD01

Tot Ion:	96	Resp:	42140
Ion	Ratio	Lower	Upper
96	100		
61	142.1	118.7	178.1
98	62.3	51.0	76.6

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#22

Diisopropyl ether

Concen: 22.95 ug/l

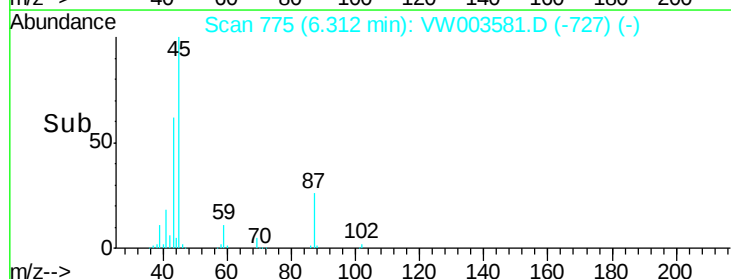
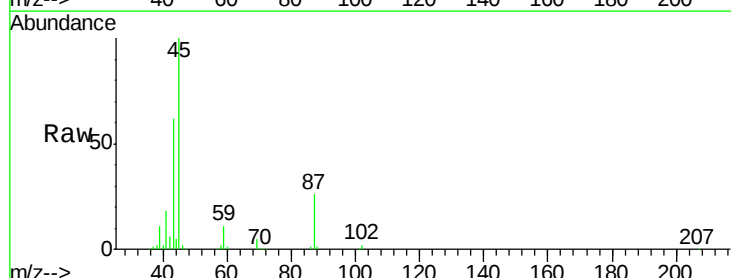
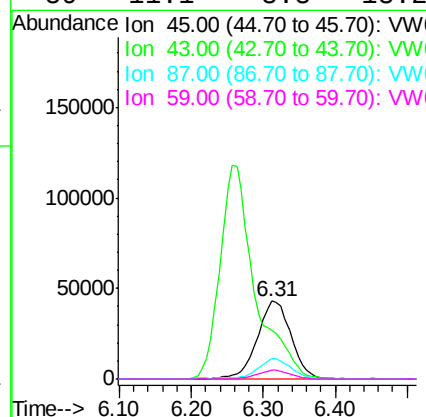
RT: 6.31 min Scan# 775

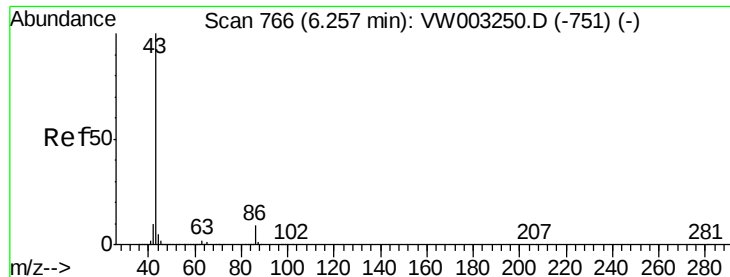
Delta R.T. -0.01 min

Lab File: VW003581.D

Acq: 26 Jun 2018 21:31

Tgt Ion:	45	Resp:	140134
Ion	Ratio	Lower	Upper
45	100		
43	60.7	44.0	66.0
87	26.0	20.6	31.0
59	11.1	8.8	13.2





#23

Vinyl Acetate

Concen: 113.31 ug/l

RT: 6.26 min Scan# 766

Delta R.T. 0.00 min

Lab File: VW003581.D

Acq: 26 Jun 2018 21:31

Instrument :

MSVOA_W

ClientSampleID :

VW0627SBS01

Tot Ion: 43 Resp: 398730

Ion Ratio Lower Upper

43 100

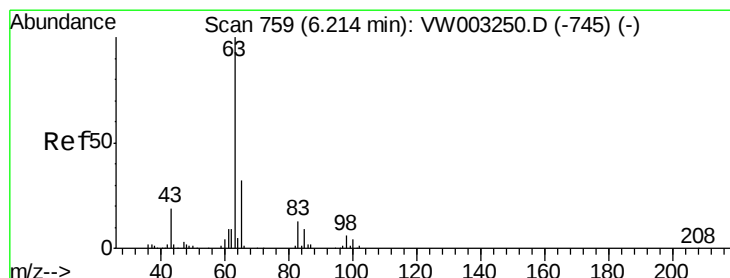
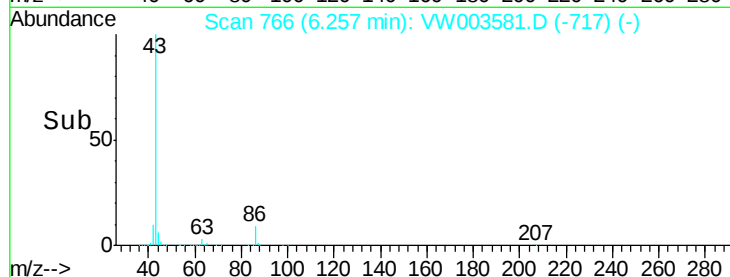
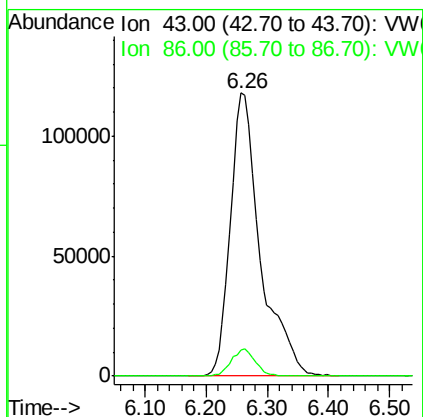
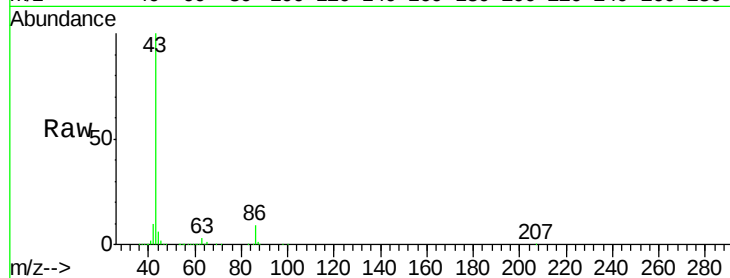
86 9.1 7.5 11.3

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#24

1,1-Dichloroethane

Concen: 22.53 ug/l

RT: 6.21 min Scan# 759

Delta R.T. 0.00 min

Lab File: VW003581.D

Acq: 26 Jun 2018 21:31

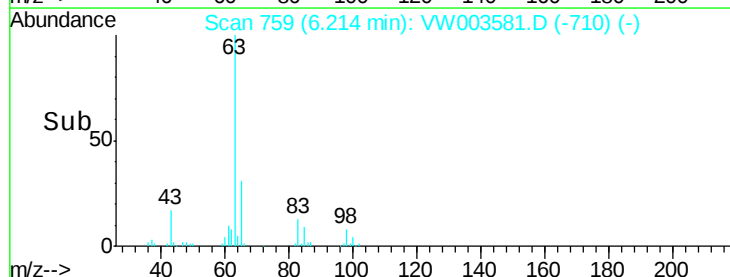
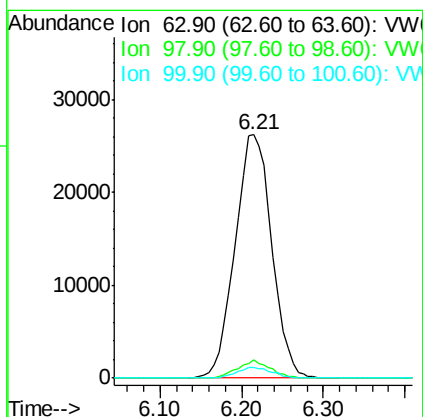
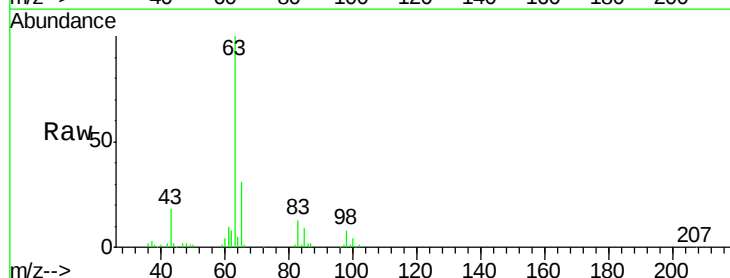
Tgt Ion: 63 Resp: 81656

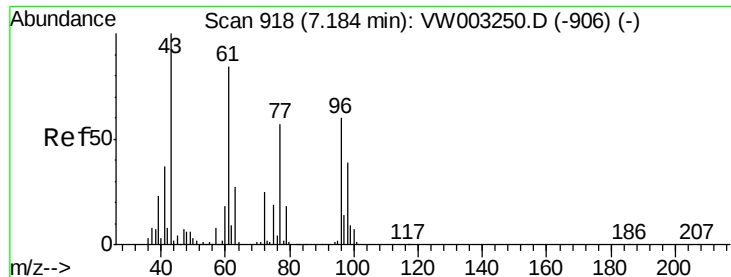
Ion Ratio Lower Upper

63 100

98 7.6 2.8 8.3

100 4.2 2.1 6.5





#25

2-Butanone

Concen: 117.31 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.00 min

Lab File: VW003581.D

Acq: 26 Jun 2018 21:31

Instrument :

MSVOA_W

ClientSampled :

VW0627SBS01

Tot Ion: 43 Resp: 64117

Ion Ratio Lower Upper

43 100

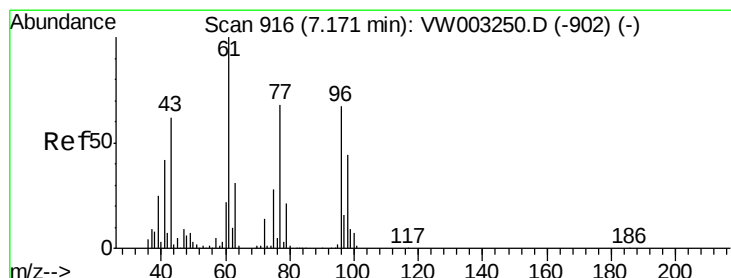
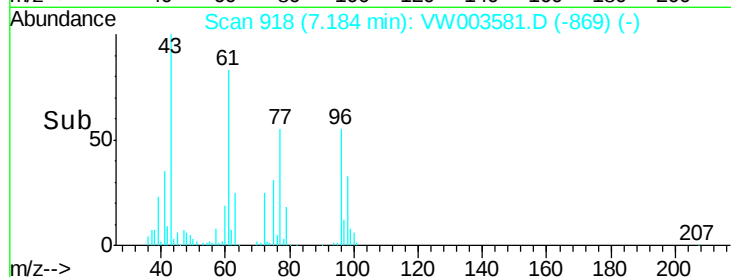
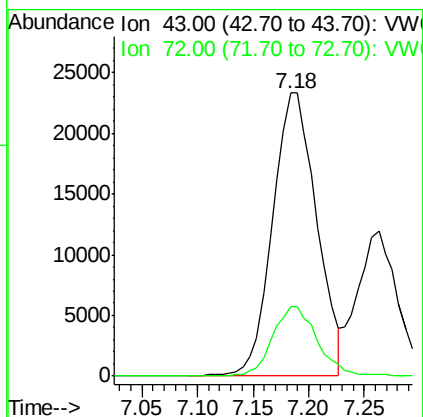
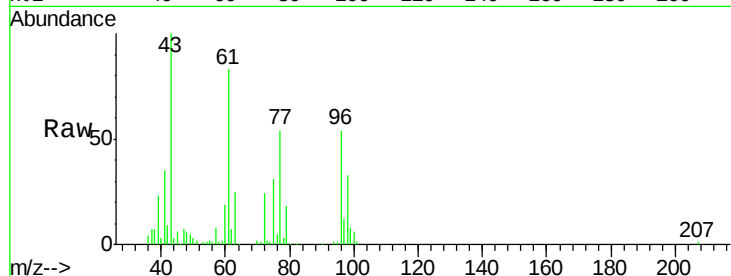
72 24.5 20.3 30.5

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#26

2,2-Dichloropropane

Concen: 20.76 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.01 min

Lab File: VW003581.D

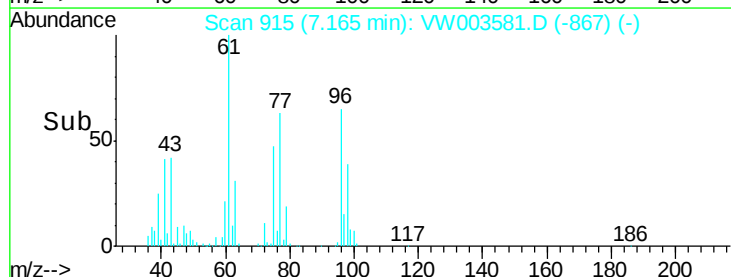
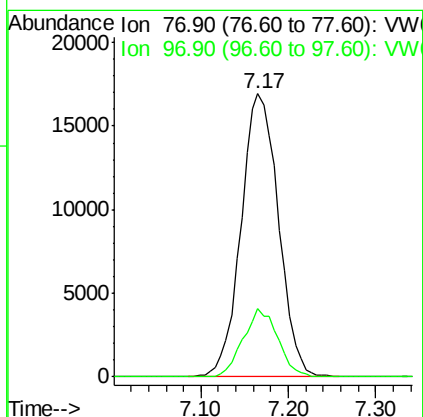
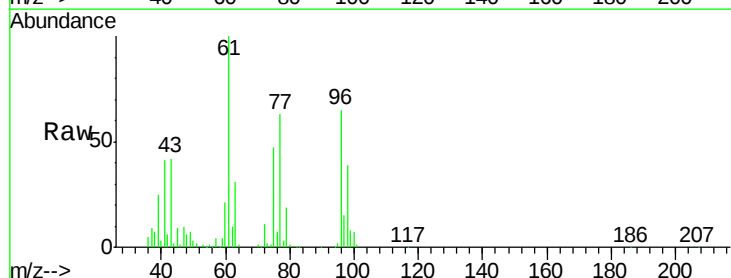
Acq: 26 Jun 2018 21:31

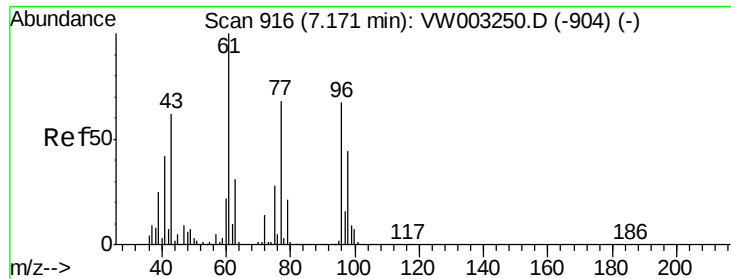
Tgt Ion: 77 Resp: 50225

Ion Ratio Lower Upper

77 100

97 22.4 11.3 33.9





#27

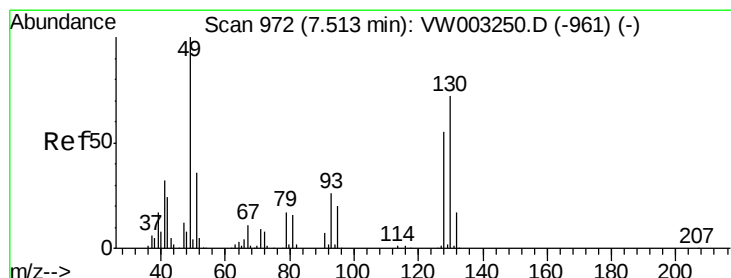
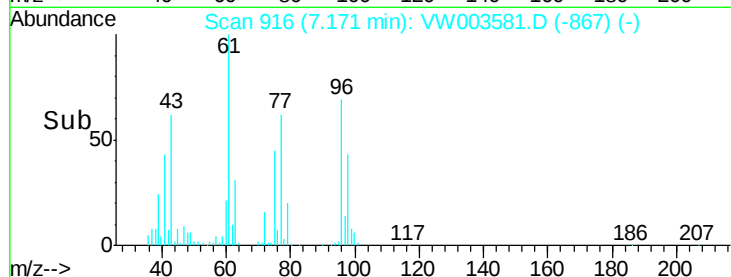
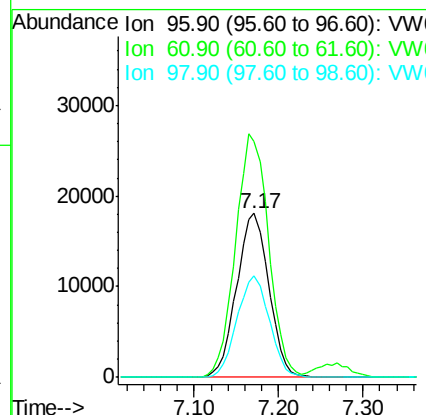
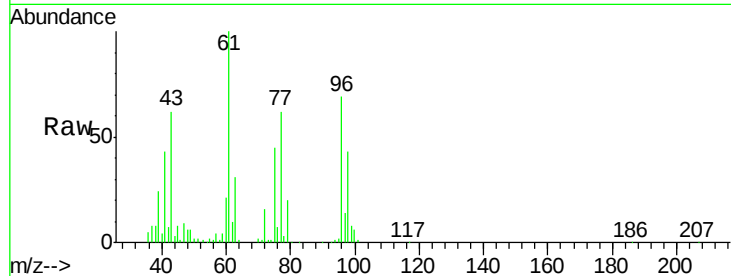
cis-1,2-Dichloroethene
Concen: 22.44 ug/l
RT: 7.17 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW003581.D
Acq: 26 Jun 2018 21:31

Instrument :
MSVOA_W
ClientSampled :
VW0627SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	151.2	0.0	298.8	
98	61.8	0.0	130.4	

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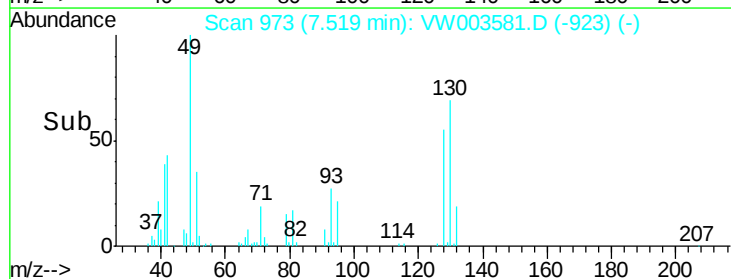
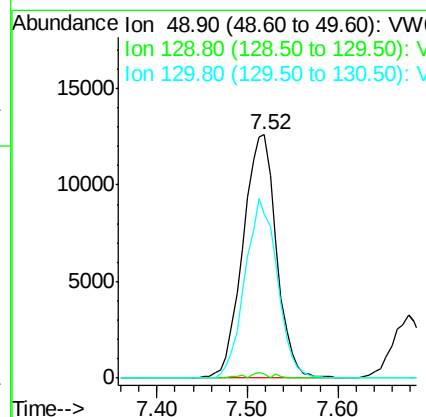
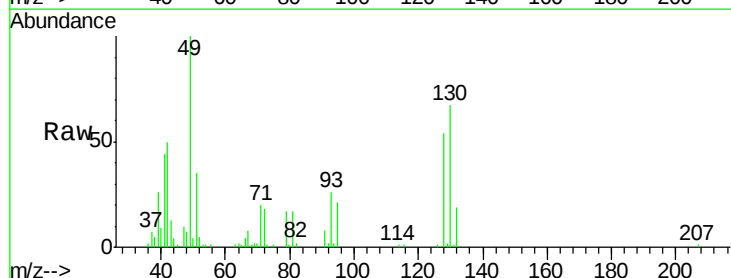
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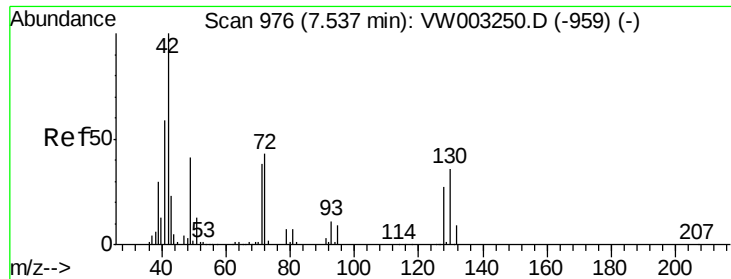


#28

Bromochloromethane
Concen: 21.28 ug/l
RT: 7.52 min Scan# 973
Delta R.T. 0.01 min
Lab File: VW003581.D
Acq: 26 Jun 2018 21:31

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.3	0.0	4.6	
130	71.5	59.4	89.2	





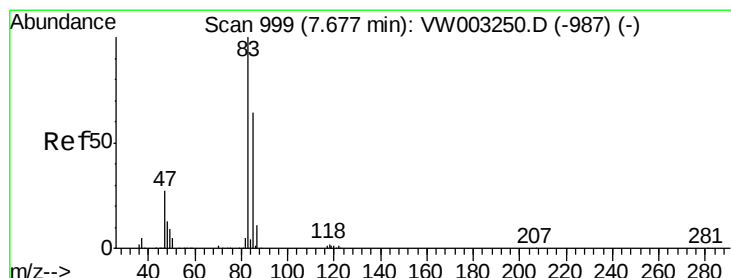
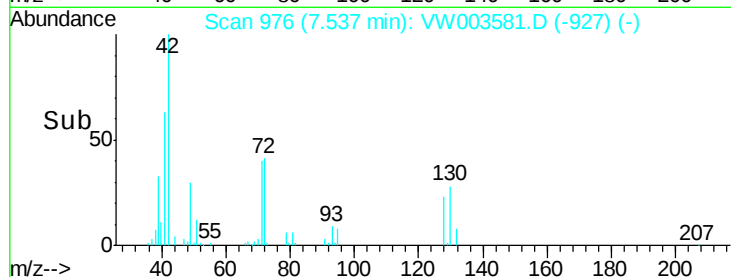
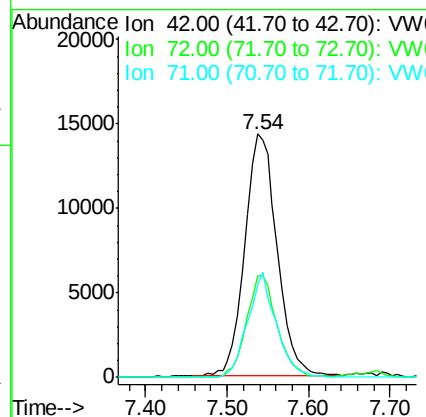
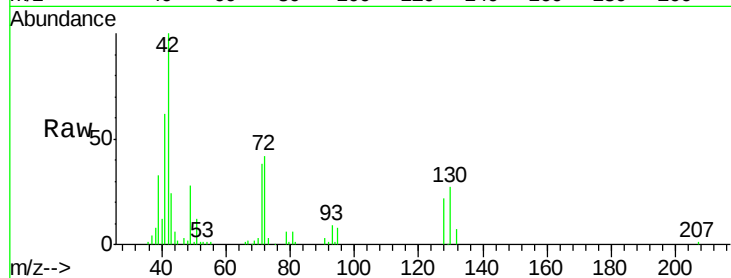
#29
Tetrahydrofuran
Concen: 118.23 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.00 min
Lab File: VW003581.D
Acq: 26 Jun 2018 21:31

Instrument :
MSVOA_W
ClientSampleId :
VW0627SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.2	32.4	48.6
71	38.1	31.2	46.8

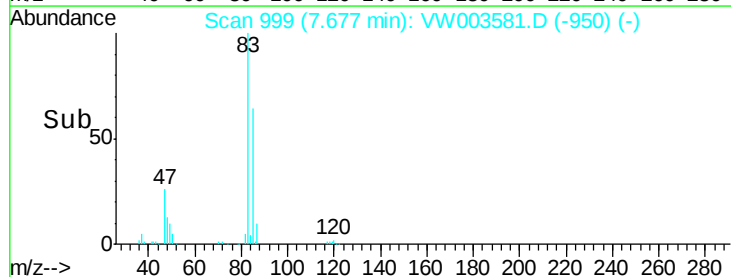
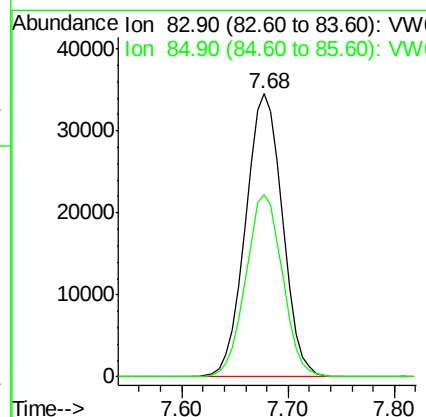
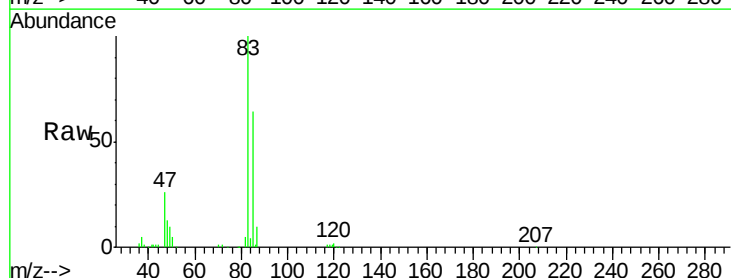
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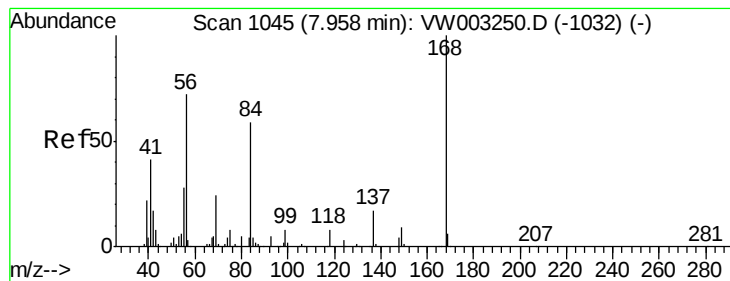
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#30
Chloroform
Concen: 22.79 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW003581.D
Acq: 26 Jun 2018 21:31

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.4	51.3	76.9





#31

Cyclohexane

Concen: 21.55 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.01 min

Lab File: VW003581.D

Acq: 26 Jun 2018 21:31

Instrument :

MSVOA_W

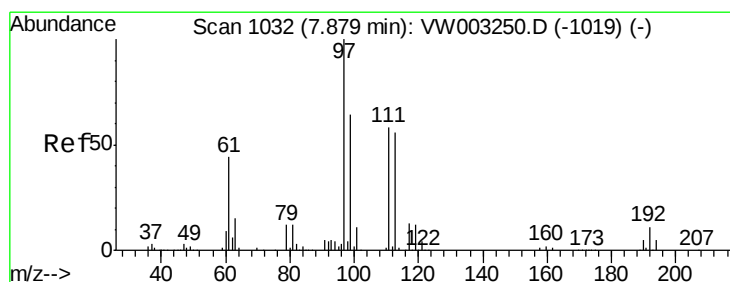
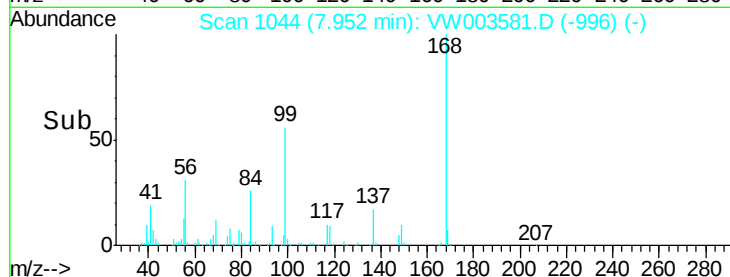
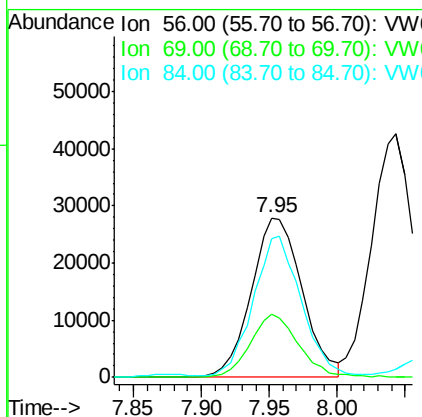
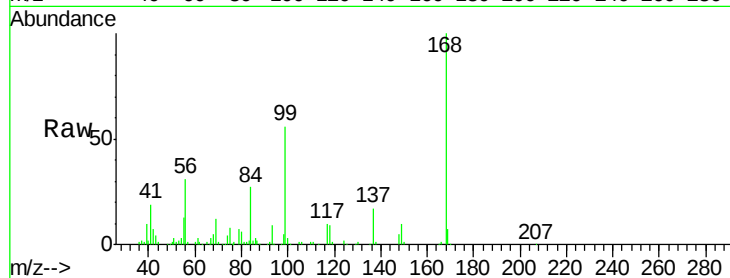
ClientSampleId :

VW0627SBS01

Tot Ion:	56	Resp:	72980
Ion Ratio	Lower	Upper	
56	100		
69	39.5	26.3	39.5#
84	85.8	65.7	98.5

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#32

1,1,1-Trichloroethane

Concen: 22.67 ug/l

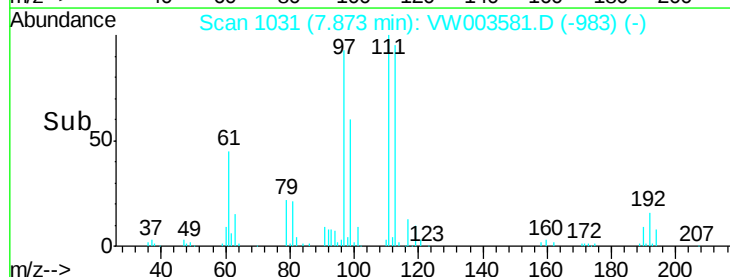
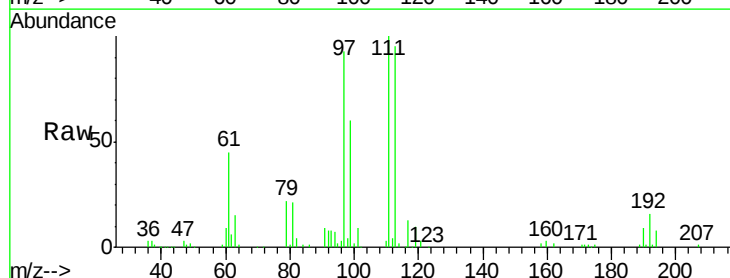
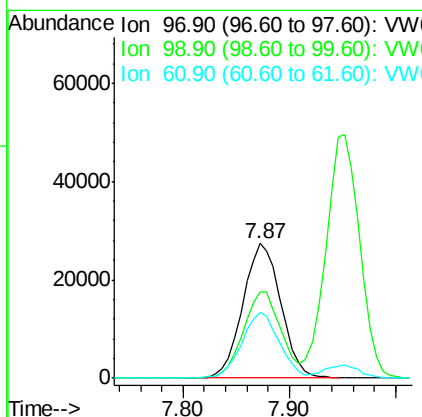
RT: 7.87 min Scan# 1031

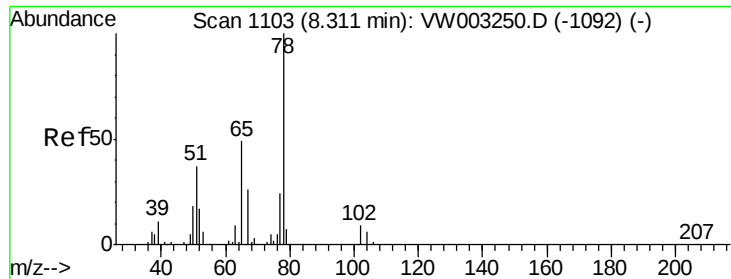
Delta R.T. -0.01 min

Lab File: VW003581.D

Acq: 26 Jun 2018 21:31

Tgt Ion:	97	Resp:	69102
Ion Ratio	Lower	Upper	
97	100		
99	63.3	51.7	77.5
61	47.7	37.6	56.4





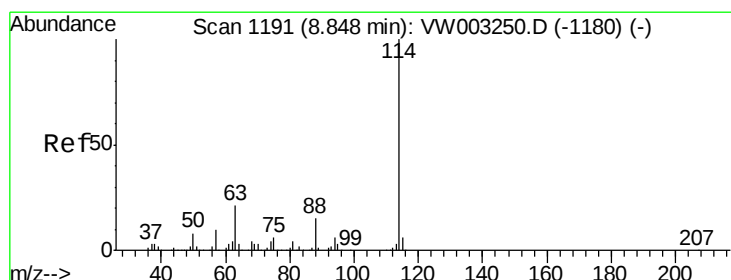
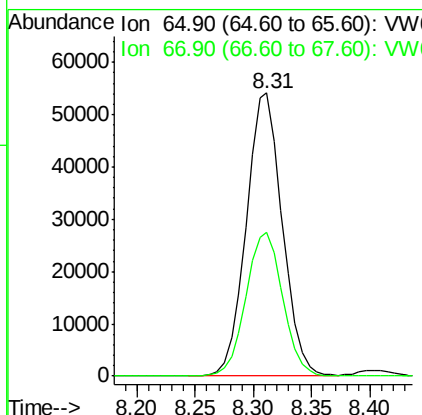
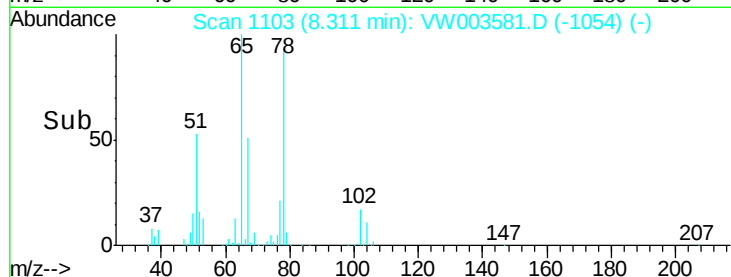
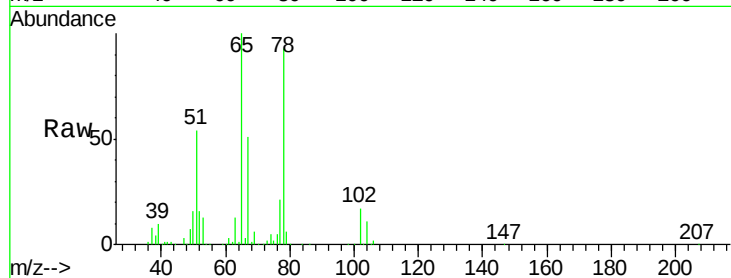
#33
 1,2-Dichloroethane-d4
 Concen: 55.75 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW003581.D
 Acq: 26 Jun 2018 21:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0627SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	51.9	0.0	104.2	

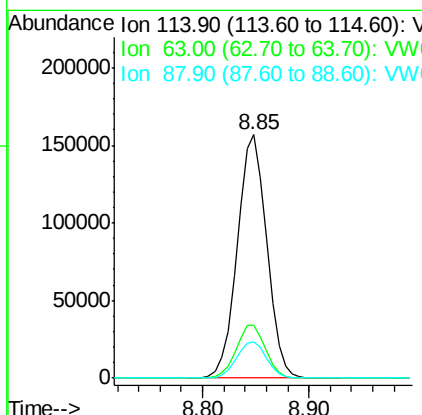
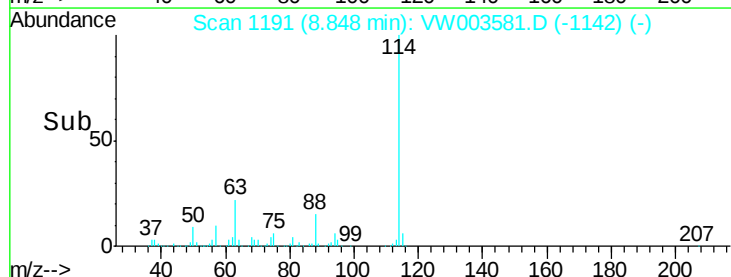
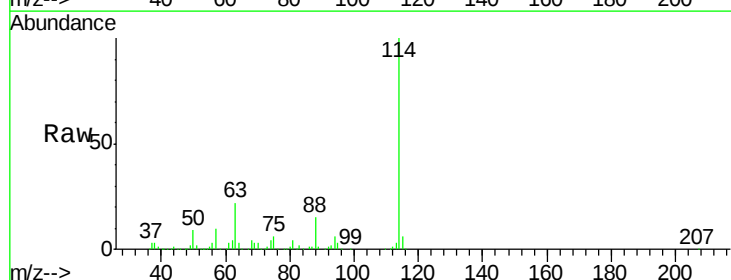
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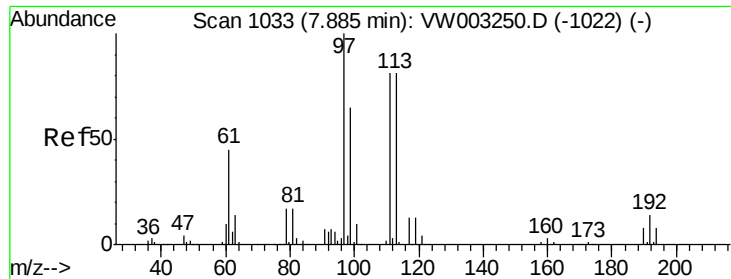
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003581.D
 Acq: 26 Jun 2018 21:31

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	21.6	0.0	43.0	
88	14.8	0.0	29.6	





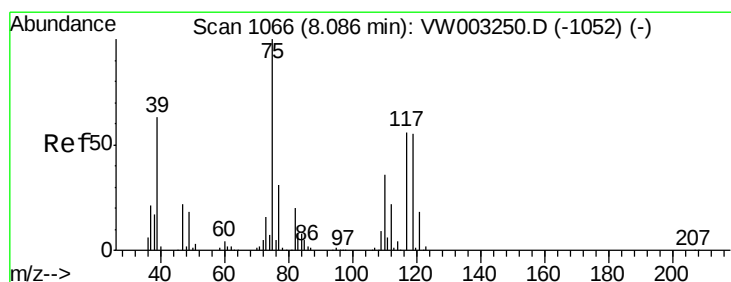
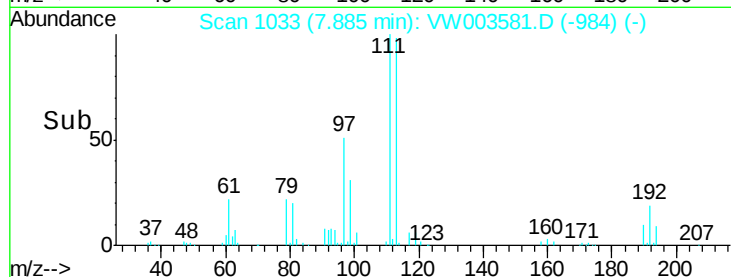
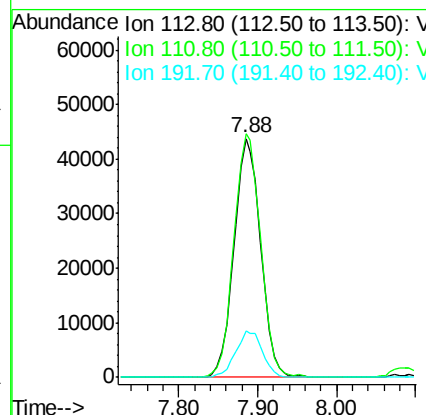
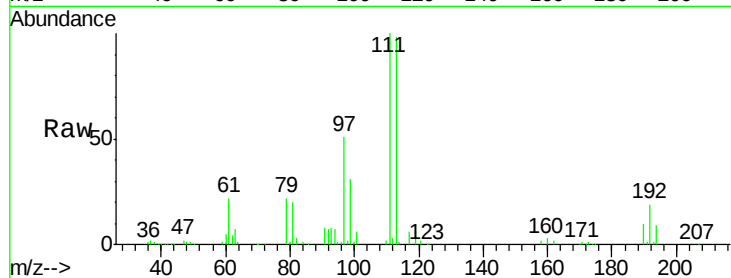
#35
Dibromofluoromethane
Concen: 54.12 ug/l
RT: 7.88 min Scan# 1033
Delta R.T. 0.00 min
Lab File: VW003581.D
Acq: 26 Jun 2018 21:31

Instrument :
MSVOA_W
ClientSampleId :
VW0627SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	102338		
111	102.6	82.2	123.2	
192	19.5	16.2	24.2	

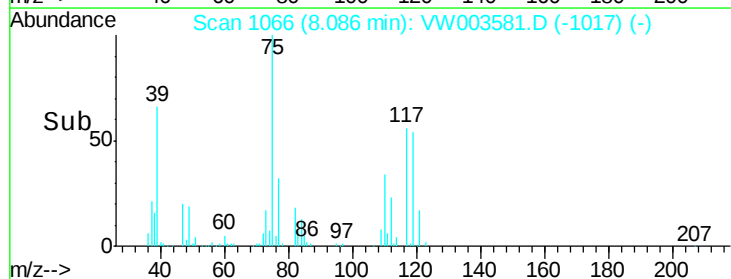
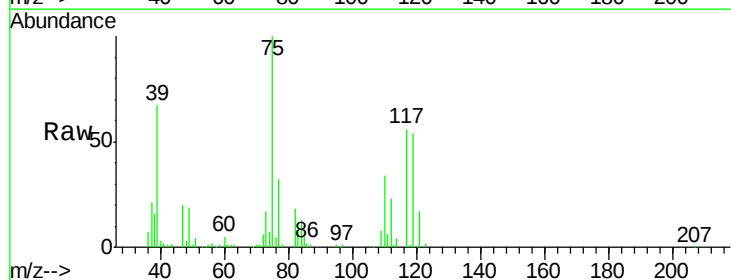
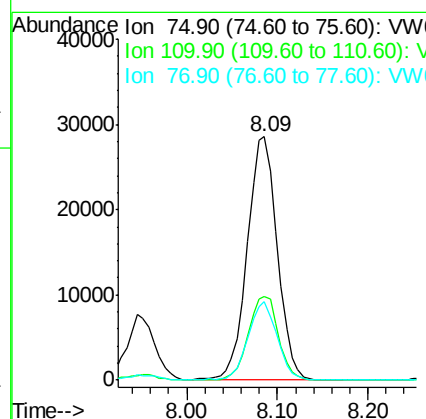
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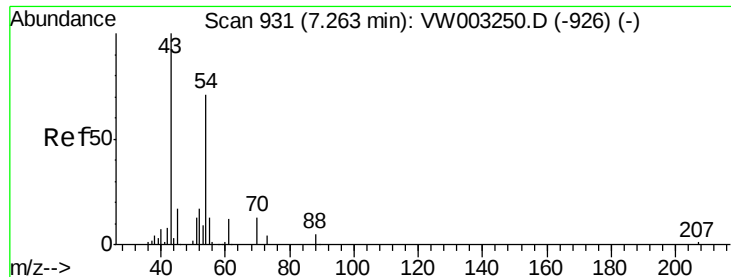
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#36
1,1-Dichloropropene
Concen: 22.22 ug/l
RT: 8.09 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW003581.D
Acq: 26 Jun 2018 21:31

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	65306		
110	34.4	17.1	51.3	
77	31.3	24.9	37.3	





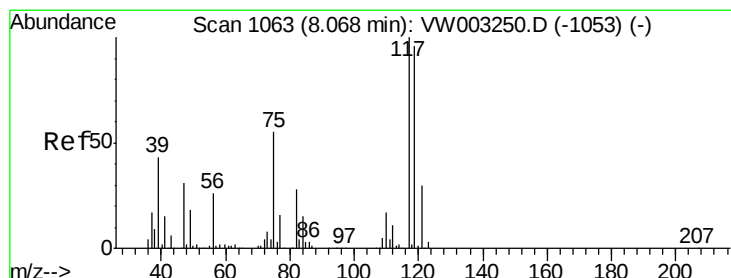
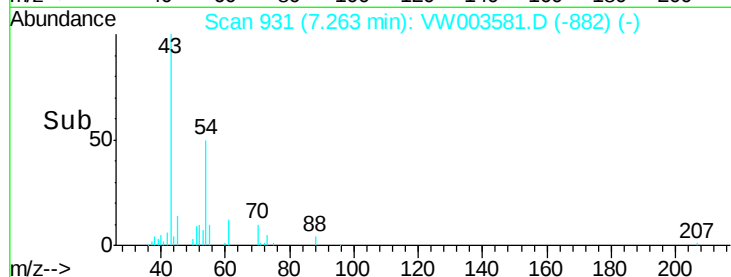
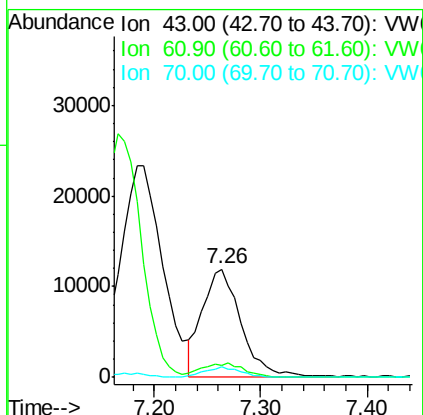
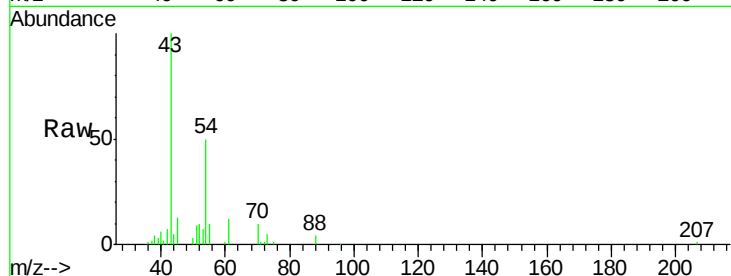
#37
Ethyl Acetate
Concen: 24.23 ug/l
RT: 7.26 min Scan# 931
Delta R.T. 0.00 min
Lab File: VW003581.D
Acq: 26 Jun 2018 21:31

Instrument :
MSVOA_W
ClientSampleId :
VW0627SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.5	10.8	16.2
70	9.2	7.8	11.6

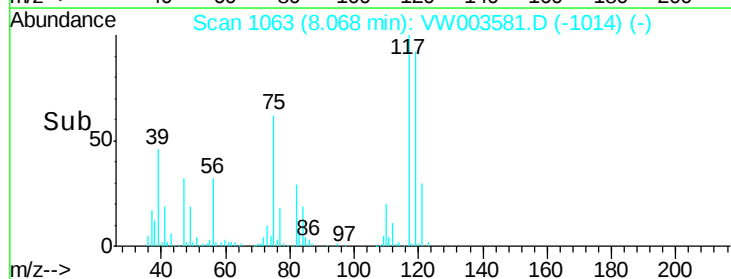
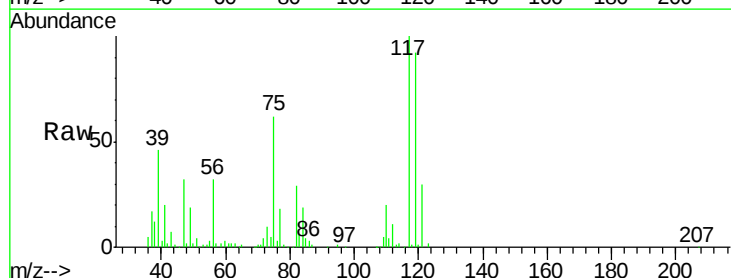
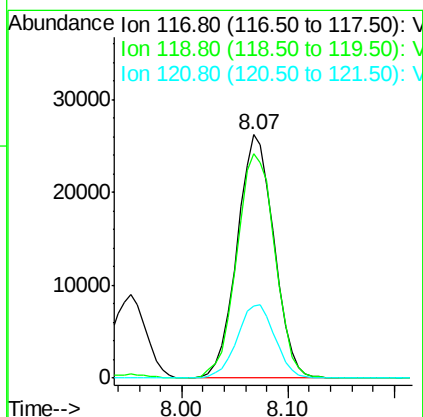
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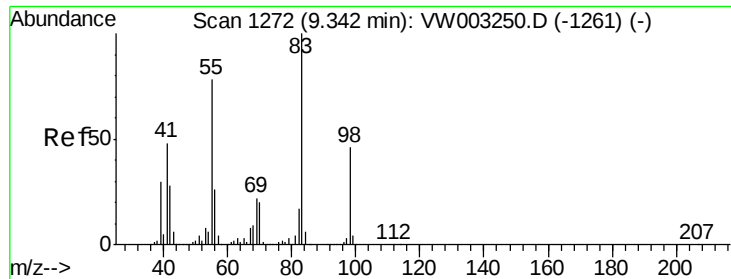
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#38
Carbon Tetrachloride
Concen: 22.12 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW003581.D
Acq: 26 Jun 2018 21:31

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.3	76.6	115.0
121	29.7	23.9	35.9





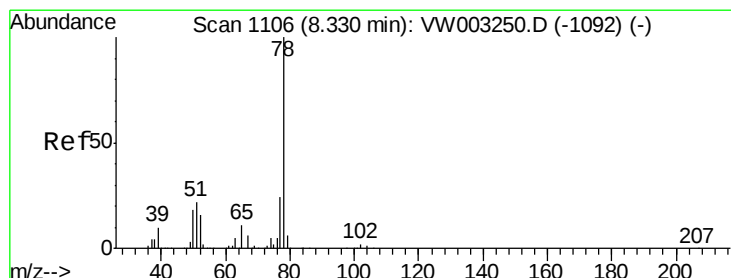
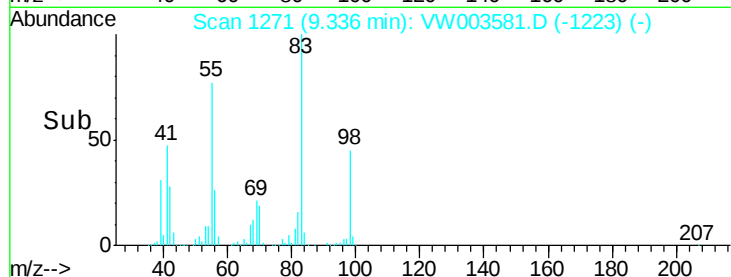
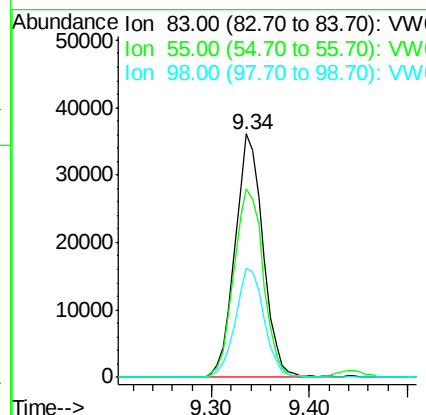
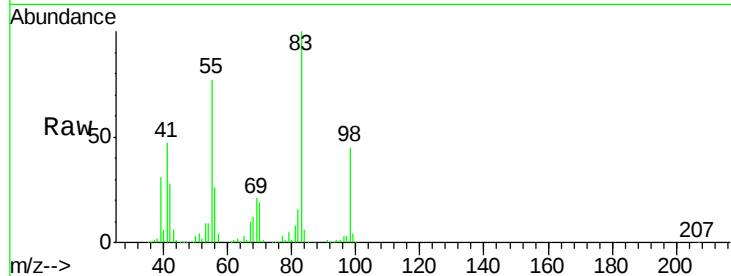
#39
Methylvlcyclohexane
Concen: 21.08 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.01 min
Lab File: VW003581.D
Acq: 26 Jun 2018 21:31

Instrument :
MSVOA_W
ClientSampleId :
VW0627SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.3	62.6	93.8
98	45.0	37.0	55.4

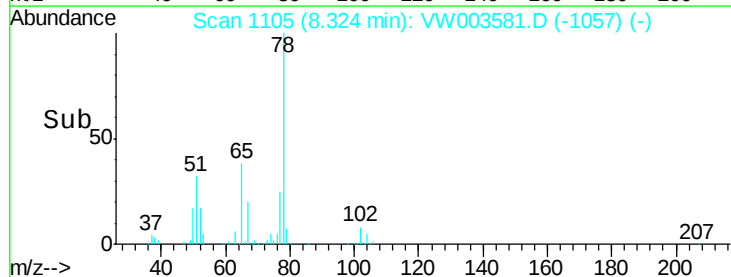
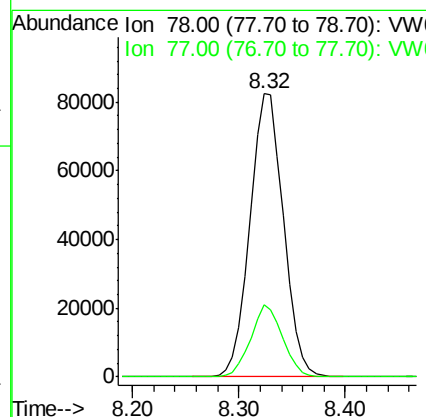
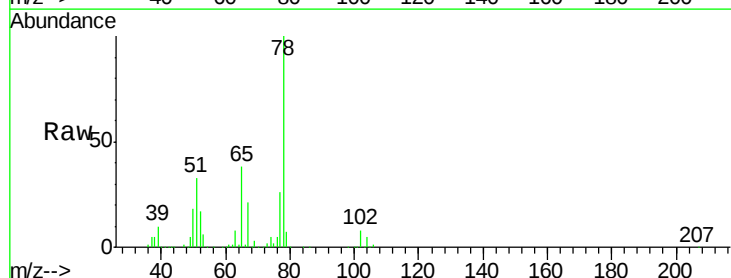
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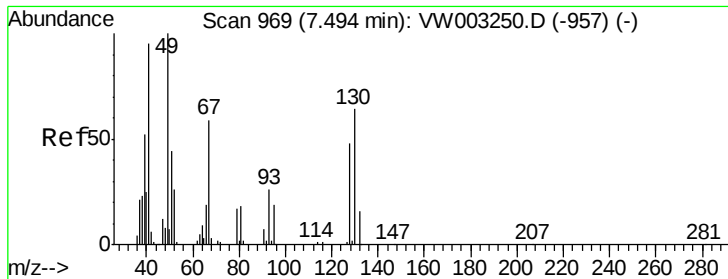
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#40
Benzene
Concen: 22.53 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.01 min
Lab File: VW003581.D
Acq: 26 Jun 2018 21:31

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.6	19.0	28.6





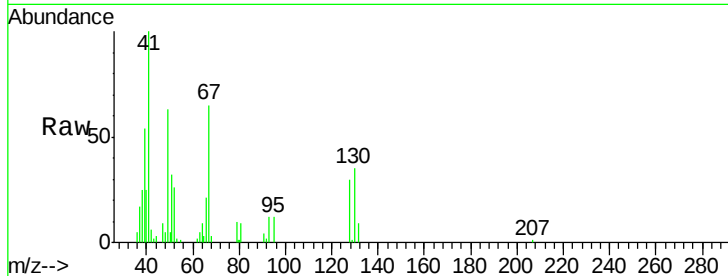
#41
Methacrylonitrile
Concen: 23.35 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.01 min
Lab File: VW003581.D
Acq: 26 Jun 2018 21:31

Instrument :
MSVOA_W
ClientSampleId :
VW0627SBS01

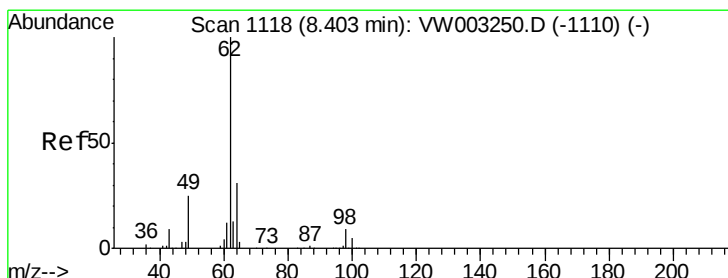
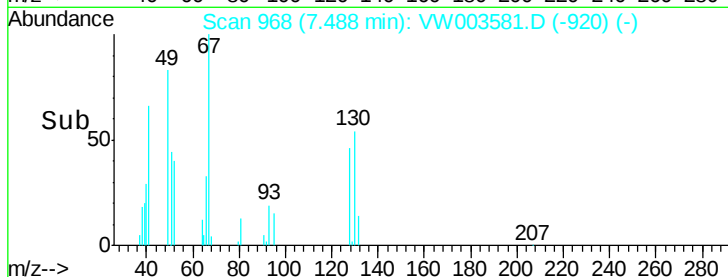
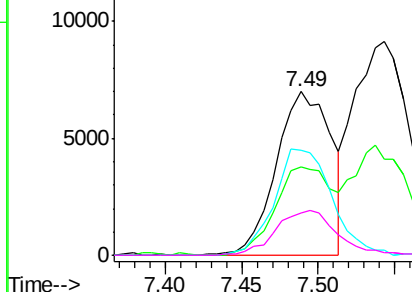
Tot Ion	41	Resp	17445
Ion	Ratio	Lower	Upper
41	100		
39	56.5	45.8	68.8
67	68.1	52.3	78.5
52	30.5	24.1	36.1

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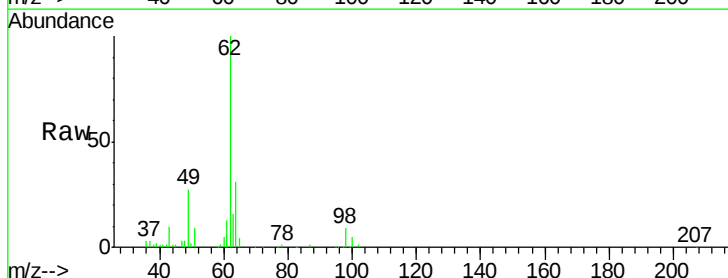


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

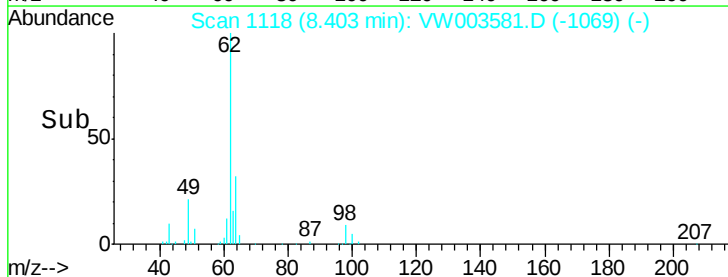
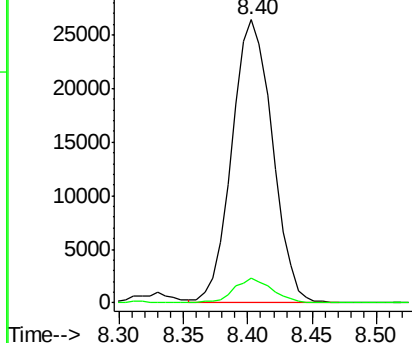


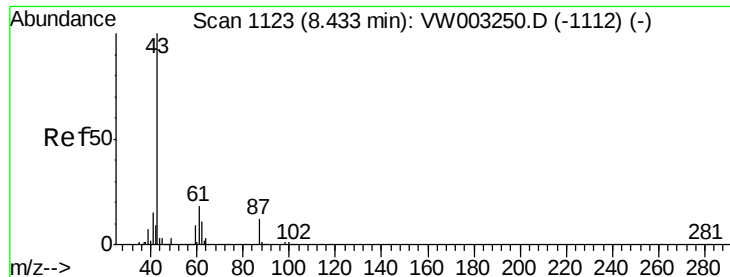
#42
1,2-Dichloroethane
Concen: 22.78 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW003581.D
Acq: 26 Jun 2018 21:31

Tgt Ion	62	Resp	57810
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	17.2



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 22.86 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VW003581.D

Acq: 26 Jun 2018 21:31

Instrument :

MSVOA_W

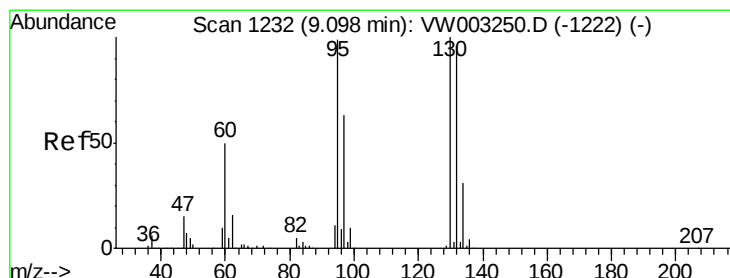
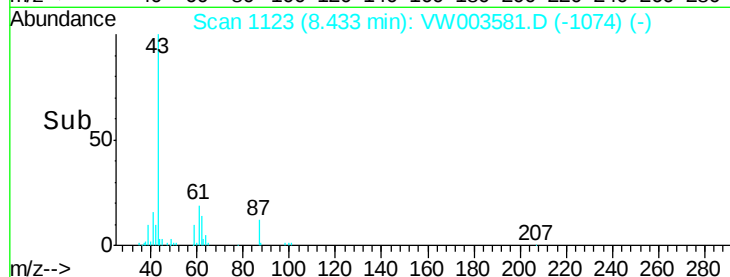
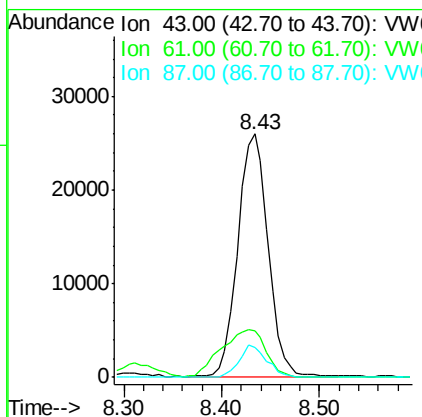
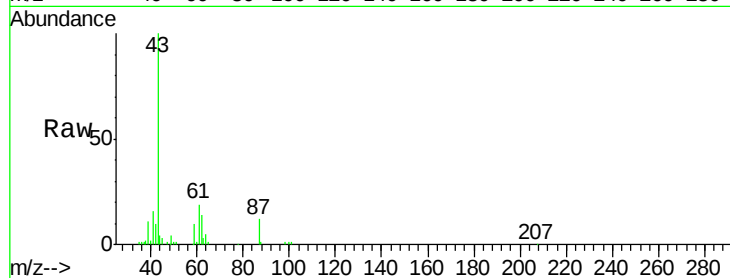
ClientSampled :

VW0627SBS01

Tot Ion:	43	Resp:	55280
Ion	Ratio	Lower	Upper
43	100		
61	29.4	23.1	34.7
87	12.1	9.8	14.6

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#44

Trichloroethene

Concen: 21.87 ug/l

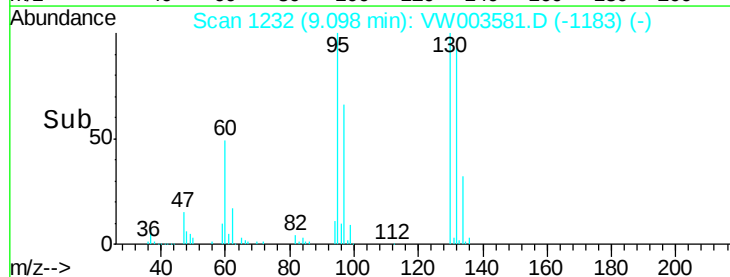
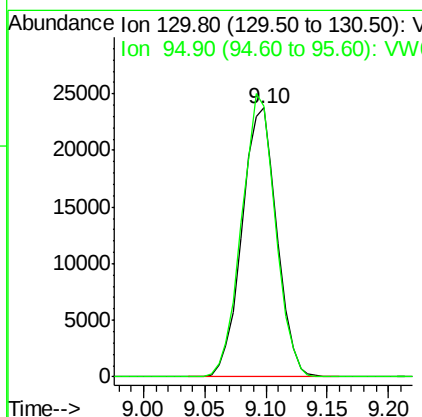
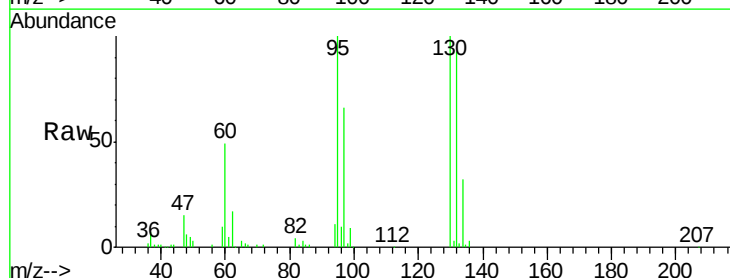
RT: 9.10 min Scan# 1232

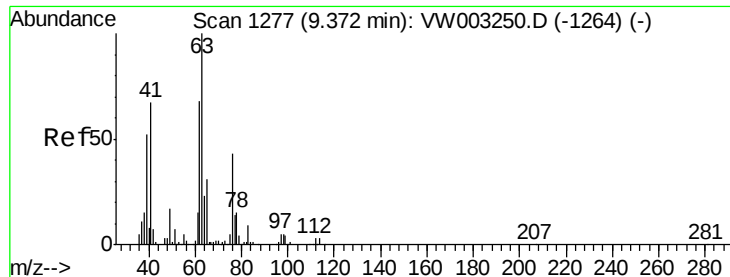
Delta R.T. 0.00 min

Lab File: VW003581.D

Acq: 26 Jun 2018 21:31

Tgt Ion:	130	Resp:	46955
Ion	Ratio	Lower	Upper
130	100		
95	100.4	0.0	198.0





#45

1,2-Dichloropropane

Concen: 23.00 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VW003581.D

Acq: 26 Jun 2018 21:31

Instrument :

MSVOA_W

ClientSampleId :

VW0627SBS01

Tot Ion: 63 Resp: 47440

Ion Ratio Lower Upper

63 100

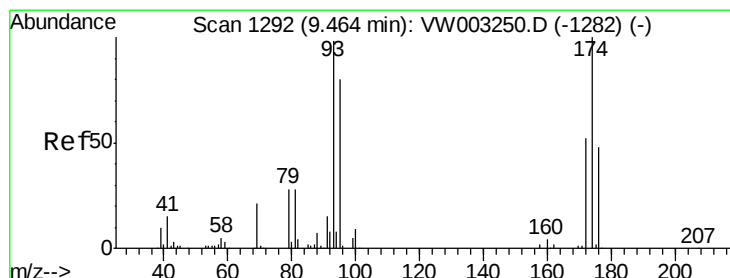
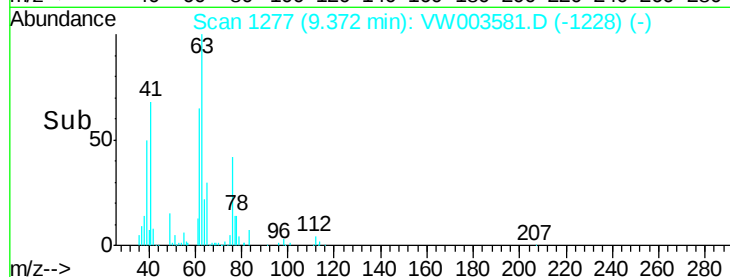
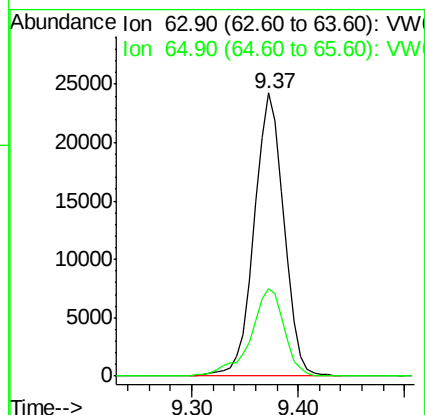
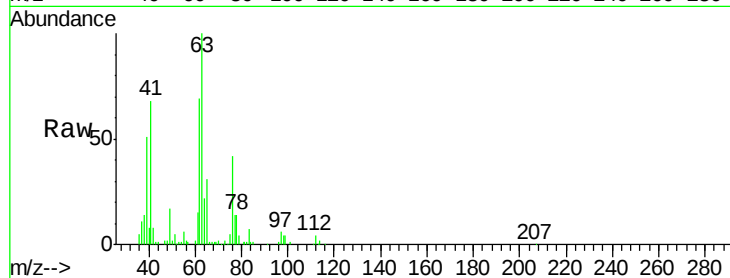
65 31.0 25.1 37.7

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#46

Dibromomethane

Concen: 23.00 ug/l

RT: 9.46 min Scan# 1292

Delta R.T. 0.00 min

Lab File: VW003581.D

Acq: 26 Jun 2018 21:31

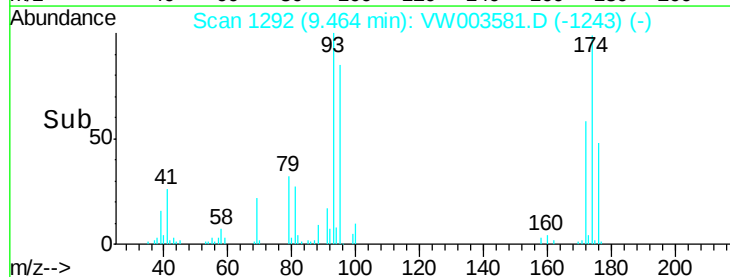
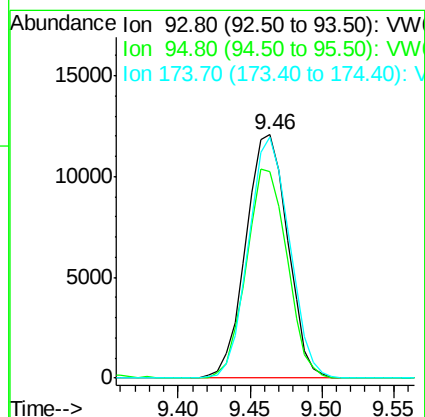
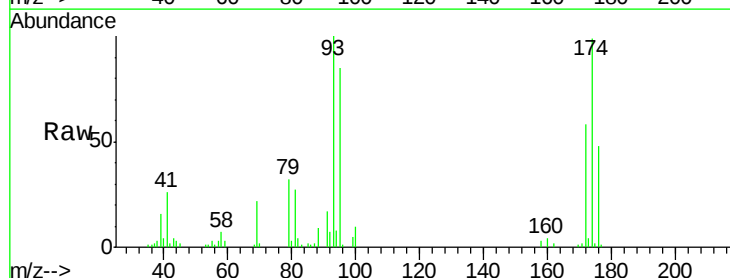
Tgt Ion: 93 Resp: 24287

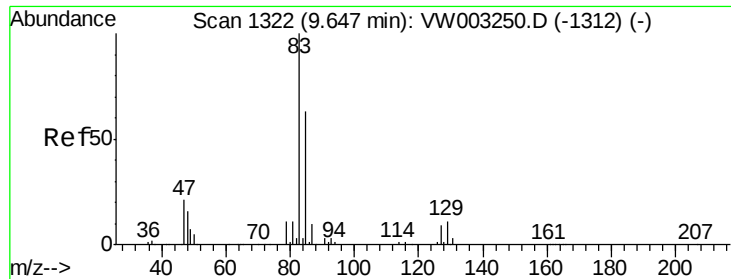
Ion Ratio Lower Upper

93 100

95 83.6 65.8 98.8

174 96.9 81.4 122.0





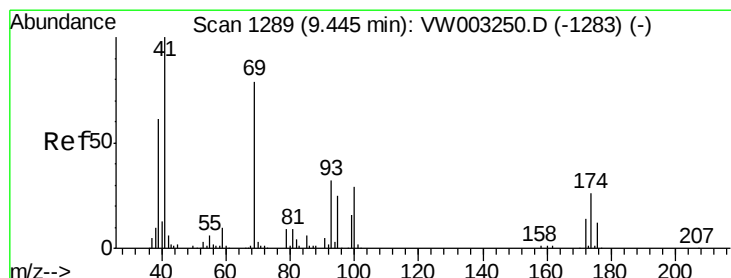
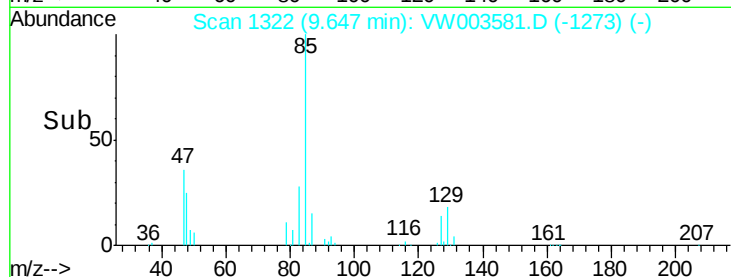
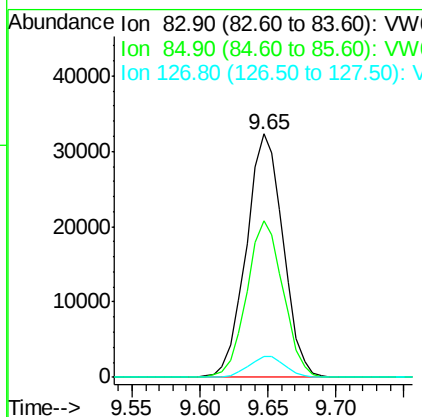
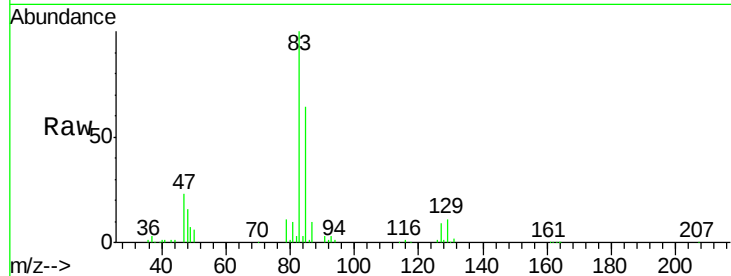
#47
Bromodichloromethane
Concen: 22.56 ug/l
RT: 9.65 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VW003581.D
Acq: 26 Jun 2018 21:31

Instrument :
MSVOA_W
ClientSampleId :
VW0627SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
85	64.4	50.6	75.8
127	8.8	6.8	10.2

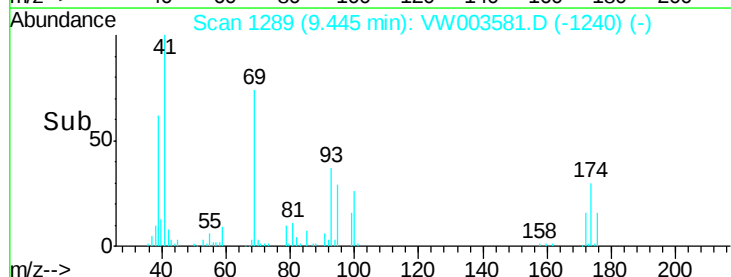
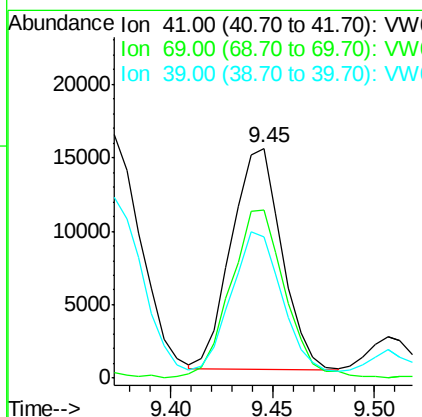
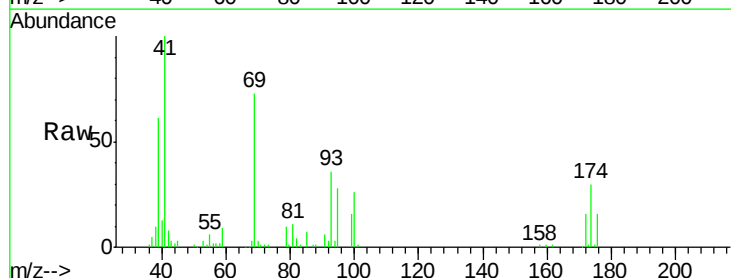
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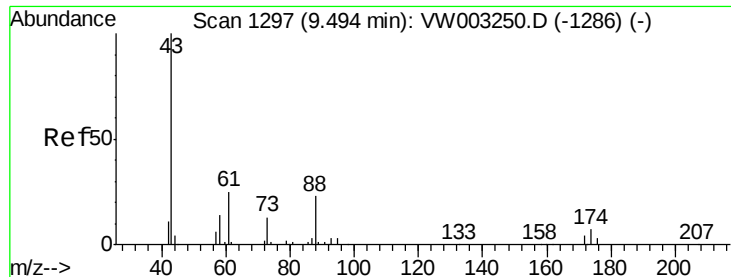
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#48
Methyl methacrylate
Concen: 22.82 ug/l
RT: 9.45 min Scan# 1289
Delta R.T. 0.00 min
Lab File: VW003581.D
Acq: 26 Jun 2018 21:31

Tgt Ion	Ratio	Lower	Upper
41	100		
69	82.4	65.4	98.2
39	69.8	54.2	81.2





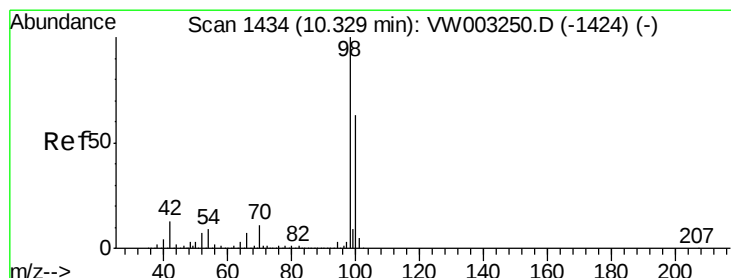
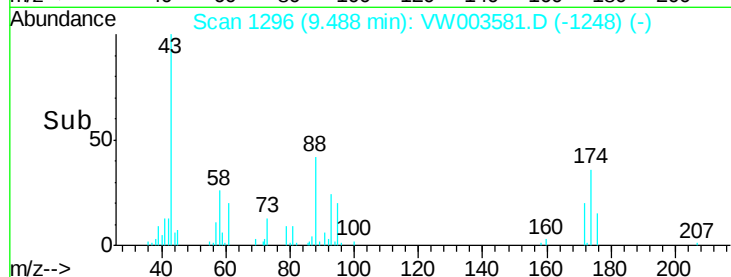
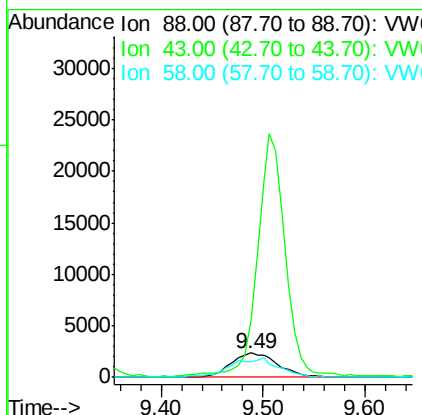
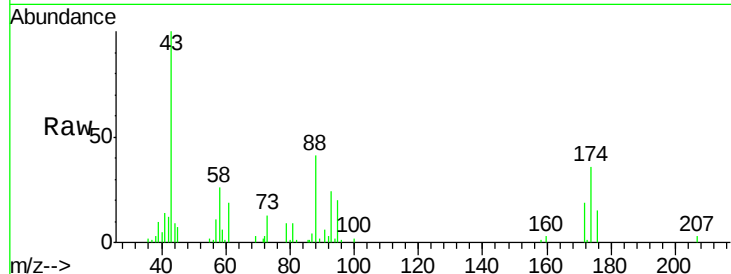
#49
1,4-Dioxane
Concen: 468.53 ug/l
RT: 9.49 min Scan# 1296
Delta R.T. -0.01 min
Lab File: VW003581.D
Acq: 26 Jun 2018 21:31

Instrument :
MSVOA_W
ClientSampleId :
VW0627SBSD01

Tot Ion	88	Resp	7471
Ion	Ratio	Lower	Upper
88	100		
43	602.8	454.7	682.1
58	82.4	58.6	88.0

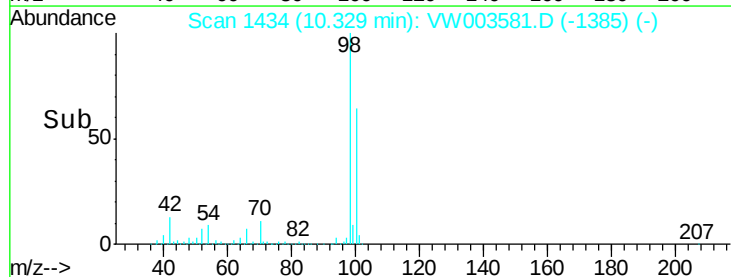
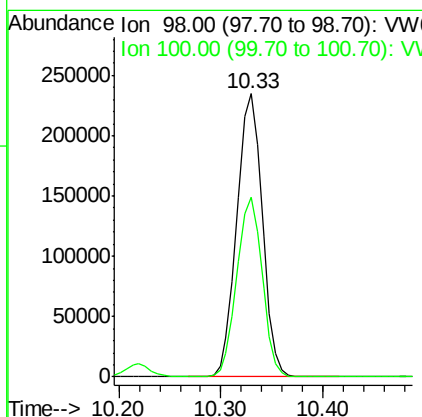
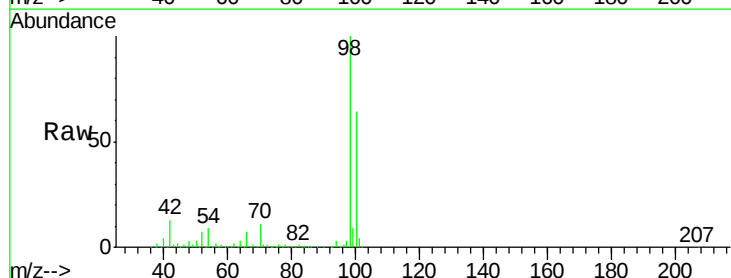
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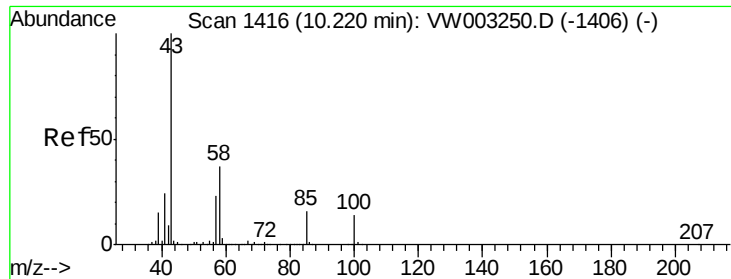
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#50
Toluene-d8
Concen: 54.19 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW003581.D
Acq: 26 Jun 2018 21:31

Tgt Ion	98	Resp	406364
Ion	Ratio	Lower	Upper
98	100		
100	63.2	50.8	76.2





#51

4-Methyl-2-Pentanone

Concen: 119.85 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. -0.01 min

Lab File: VW003581.D

Acq: 26 Jun 2018 21:31

Instrument :

MSVOA_W

ClientSampleId :

VW0627SBS01

Tot Ion: 43 Resp: 147652

Ion Ratio Lower Upper

43 100

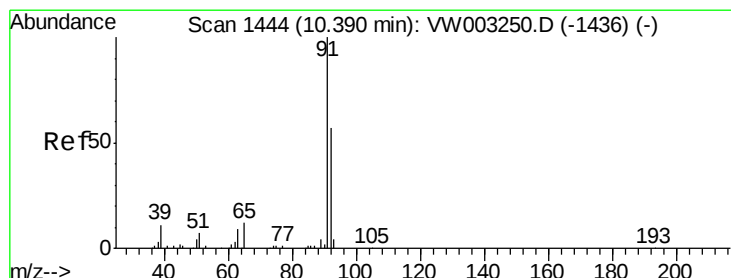
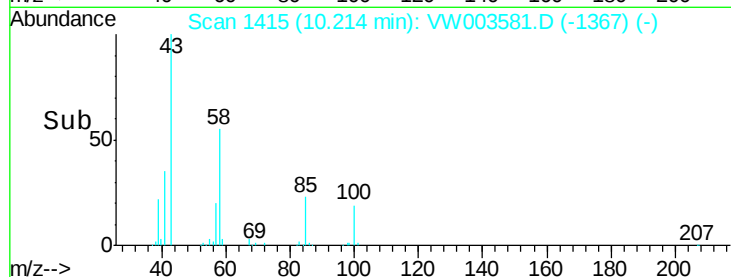
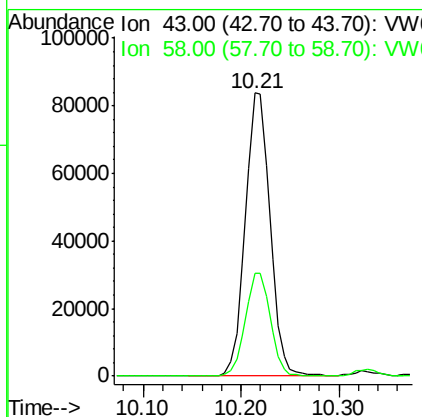
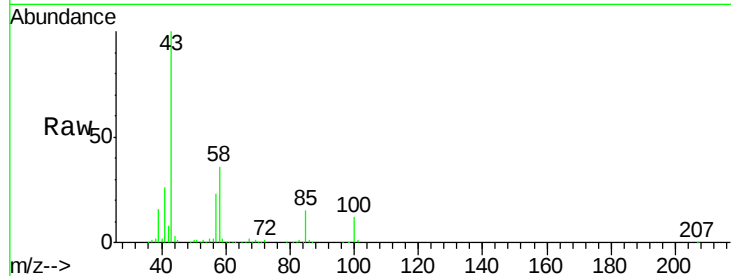
58 36.7 29.0 43.4

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#52

Toluene

Concen: 22.45 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW003581.D

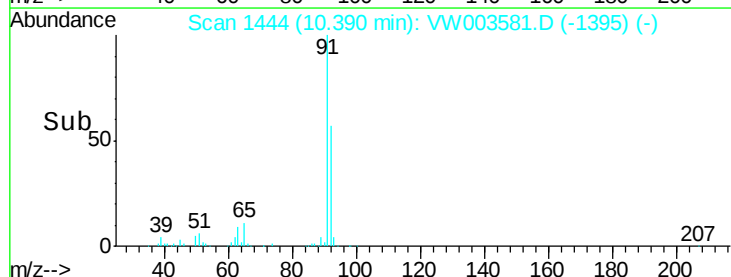
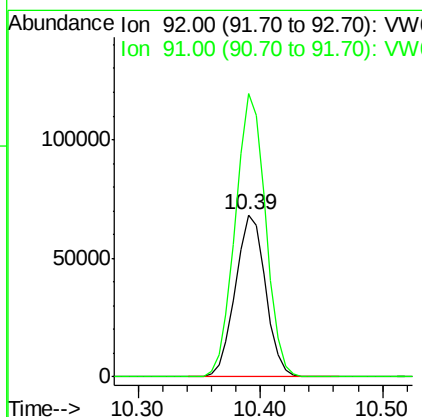
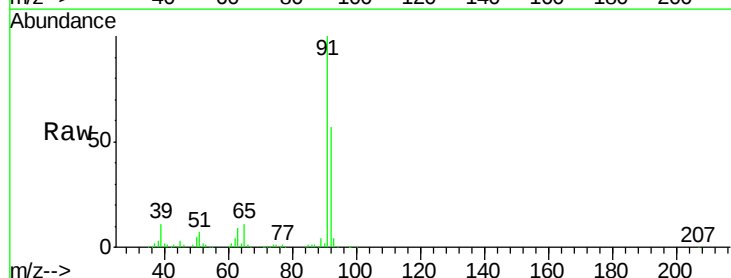
Acq: 26 Jun 2018 21:31

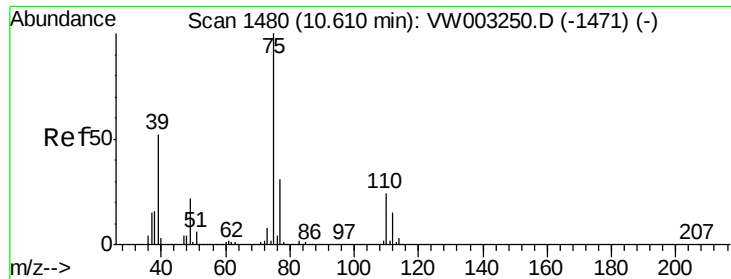
Tgt Ion: 92 Resp: 116626

Ion Ratio Lower Upper

92 100

91 175.2 141.1 211.7





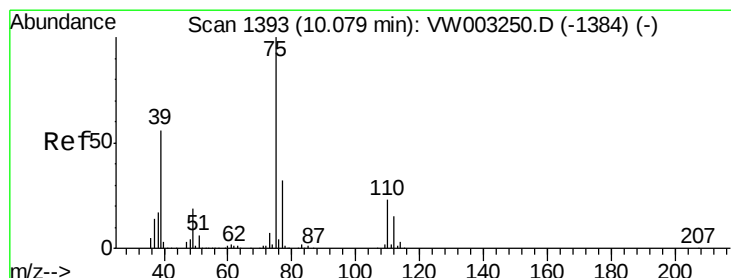
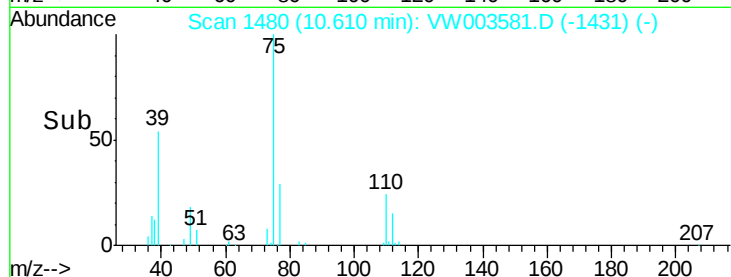
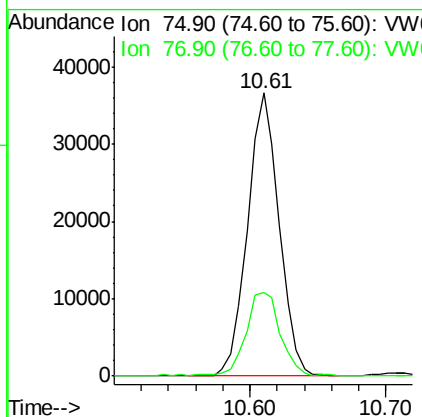
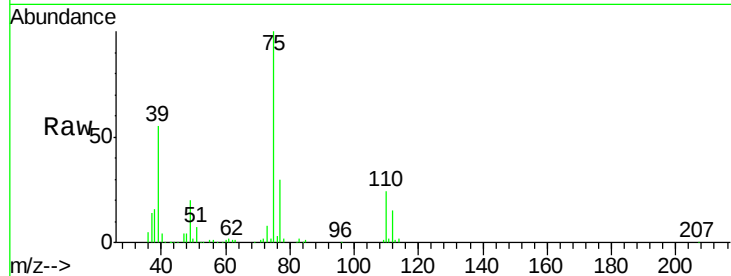
#53
t-1,3-Dichloropropene
Concen: 21.49 ug/l
RT: 10.61 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VW003581.D
Acq: 26 Jun 2018 21:31

Instrument :
MSVOA_W
ClientSampleId :
VW0627SBS01

Tot Ion: 75 Resp: 59437
Ion Ratio Lower Upper
75 100
77 29.4 24.9 37.3

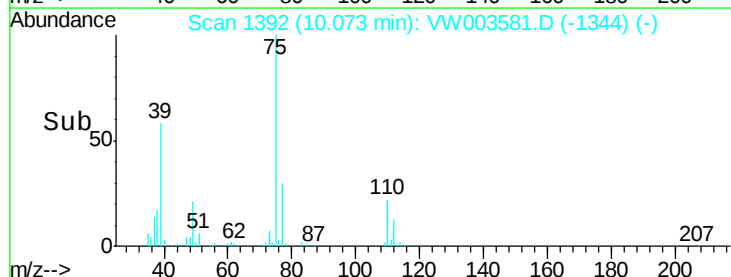
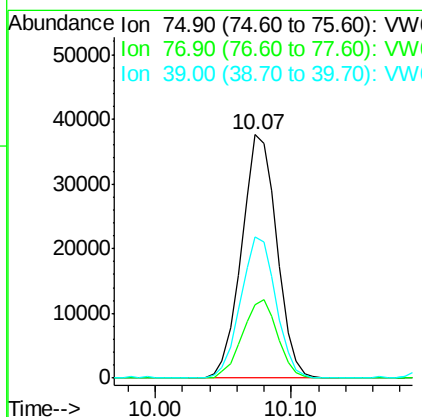
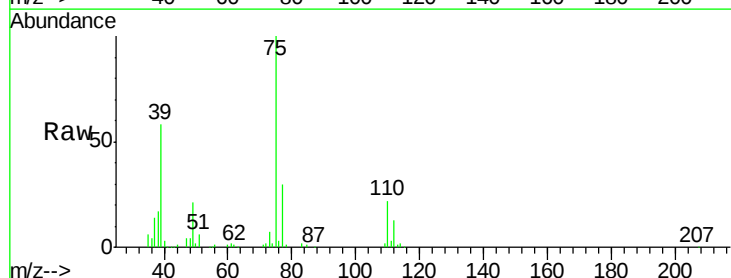
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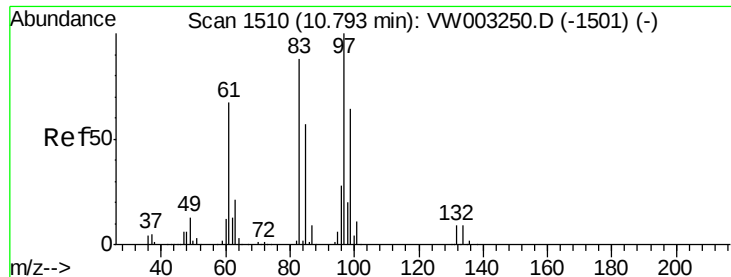
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#54
cis-1,3-Dichloropropene
Concen: 21.62 ug/l
RT: 10.07 min Scan# 1392
Delta R.T. -0.01 min
Lab File: VW003581.D
Acq: 26 Jun 2018 21:31

Tgt Ion: 75 Resp: 68032
Ion Ratio Lower Upper
75 100
77 30.1 25.8 38.6
39 57.9 45.2 67.8





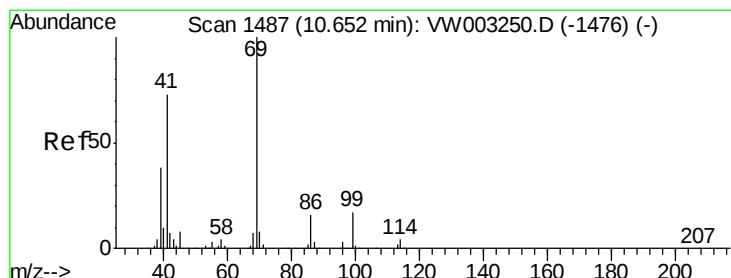
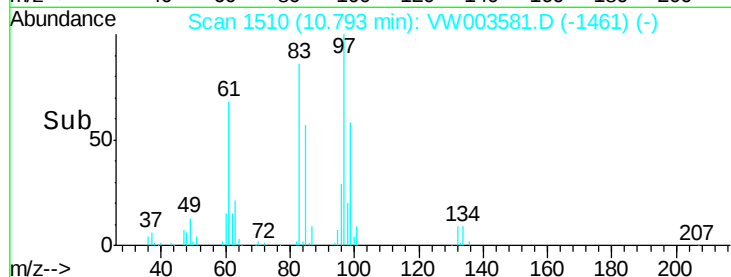
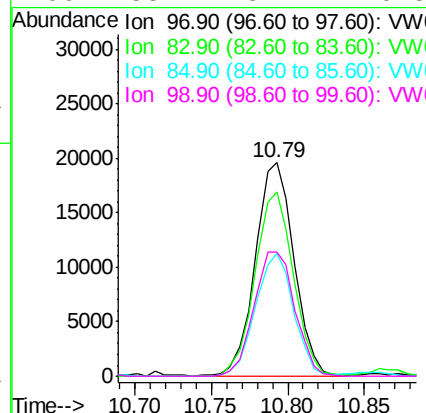
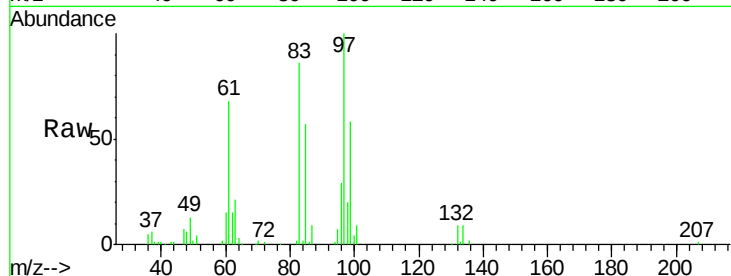
#55
 1,1,2-Trichloroethane
 Concen: 23.23 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW003581.D
 Acq: 26 Jun 2018 21:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0627SBSD01

Tot Ion	Ratio	Lower	Upper
97	100		
83	86.4	70.2	105.2
85	57.5	45.6	68.4
99	58.4	51.2	76.8

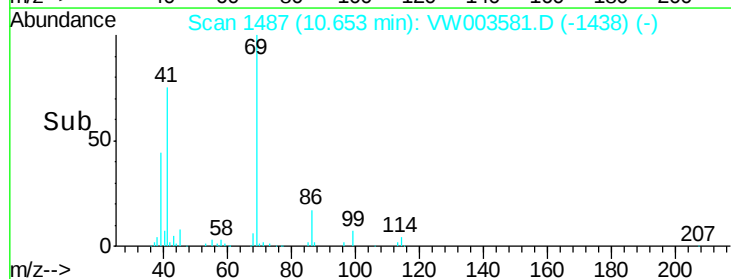
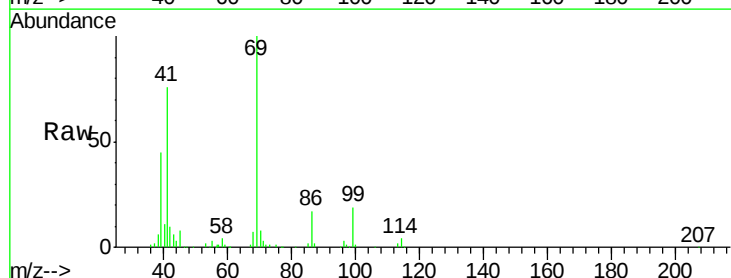
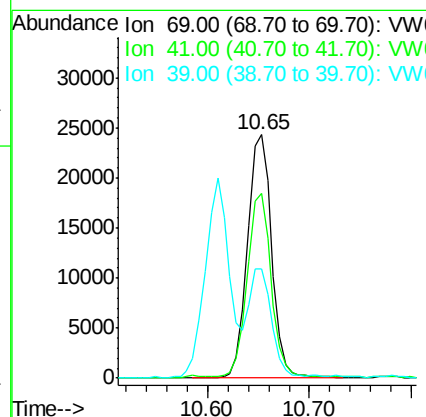
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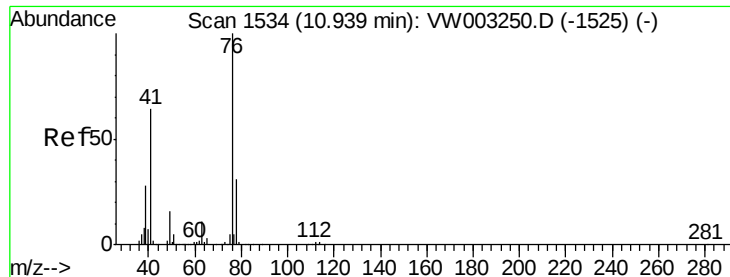
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#56
 Ethyl methacrylate
 Concen: 22.15 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW003581.D
 Acq: 26 Jun 2018 21:31

Tgt Ion	Ratio	Lower	Upper
69	100		
41	74.6	57.8	86.6
39	40.8	32.7	49.1





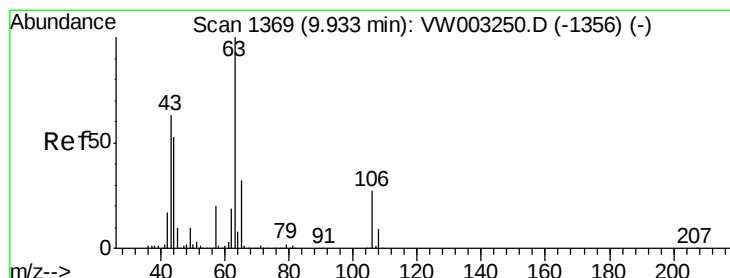
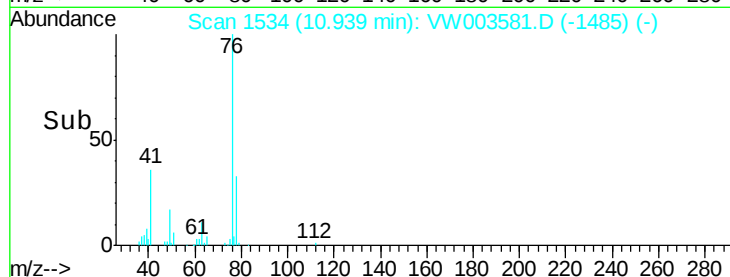
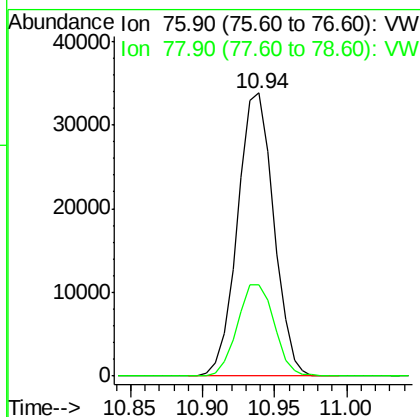
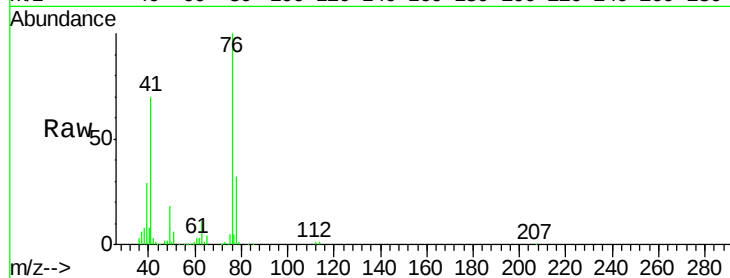
#57
 1,3-Dichloropropane
 Concen: 22.96 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VW003581.D
 Acq: 26 Jun 2018 21:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0627SBSD01

Tot Ion: 76 Resp: 58933
 Ion Ratio Lower Upper
 76 100
 78 33.3 25.7 38.5

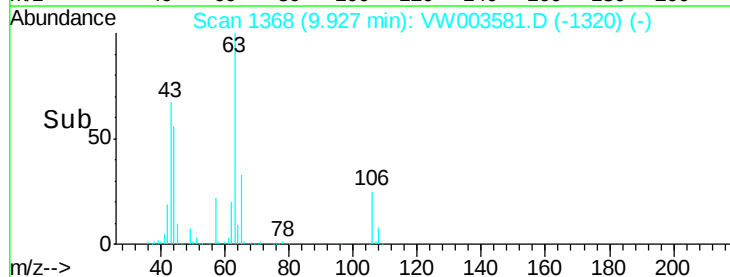
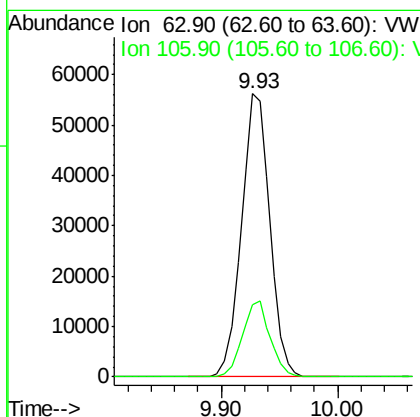
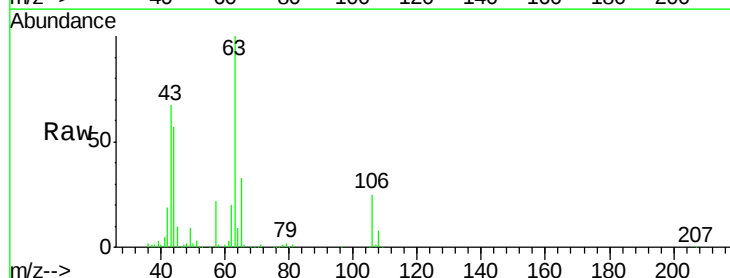
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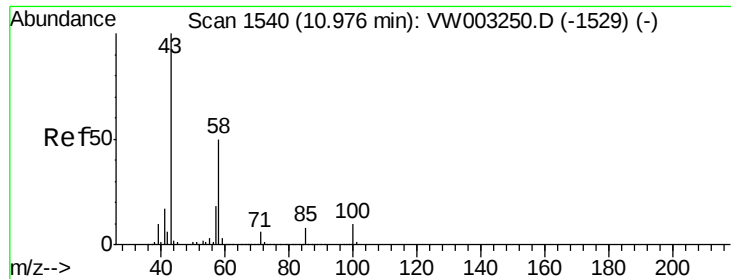
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#58
 2-Chloroethyl Vinyl ether
 Concen: 117.48 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: VW003581.D
 Acq: 26 Jun 2018 21:31

Tgt Ion: 63 Resp: 95172
 Ion Ratio Lower Upper
 63 100
 106 26.1 21.8 32.8





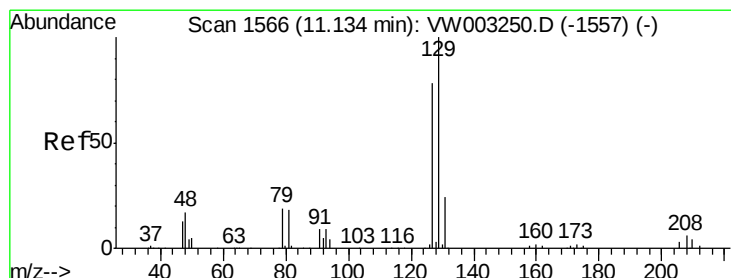
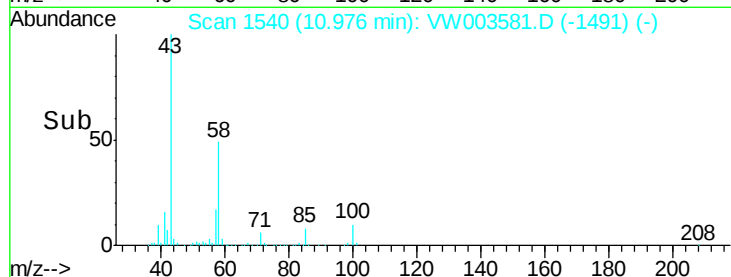
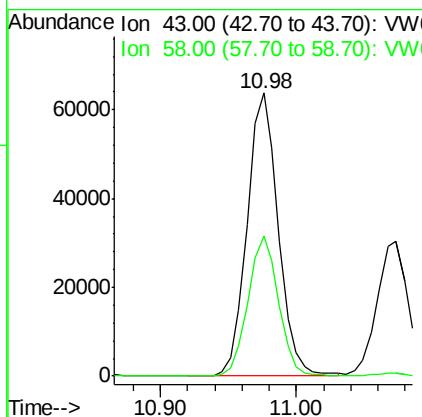
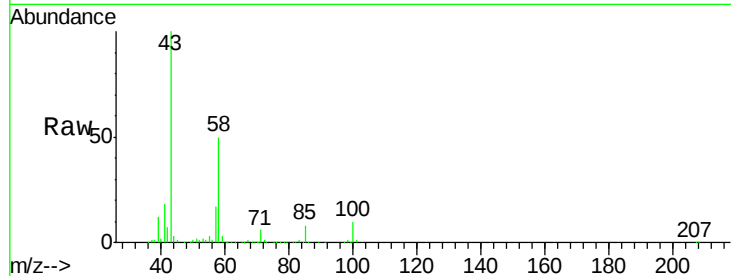
#59
2-Hexanone
Concen: 118.48 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW003581.D
Acq: 26 Jun 2018 21:31

Instrument :
MSVOA_W
ClientSampleId :
VW0627SBSD01

Tot Ion	43	58	Ratio	Lower	Upper
101968	100	48.7		25.0	75.0

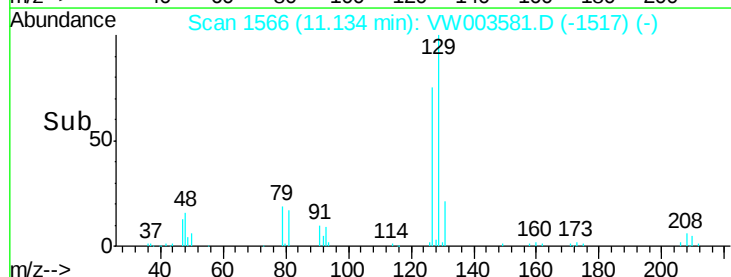
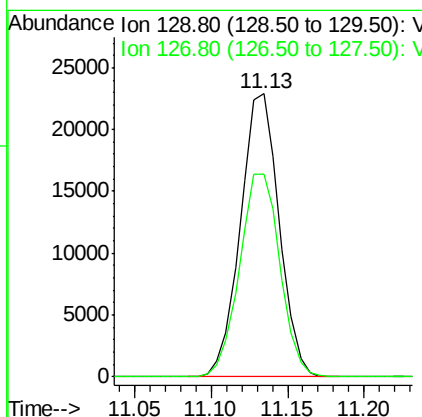
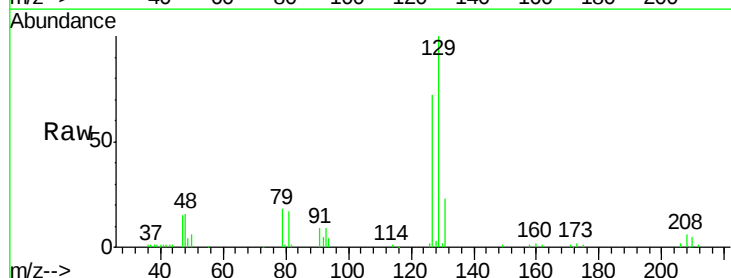
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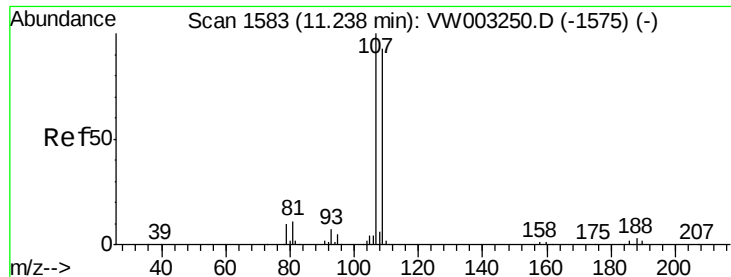
apatel
6/27/2018 11:46:55 AM



#60
Dibromochloromethane
Concen: 22.73 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW003581.D
Acq: 26 Jun 2018 21:31

Tgt Ion	129	127	Ratio	Lower	Upper
40222	100	75.0		39.1	117.5





#61

1,2-Dibromoethane

Concen: 23.04 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VW003581.D

Acq: 26 Jun 2018 21:31

Instrument :

MSVOA_W

ClientSampleId :

VW0627SBS01

Tot Ion: 107 Resp: 32440

Ion Ratio Lower Upper

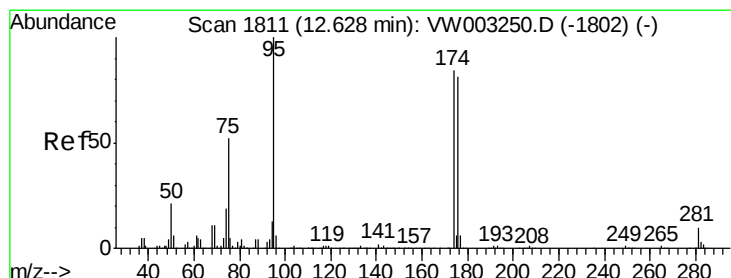
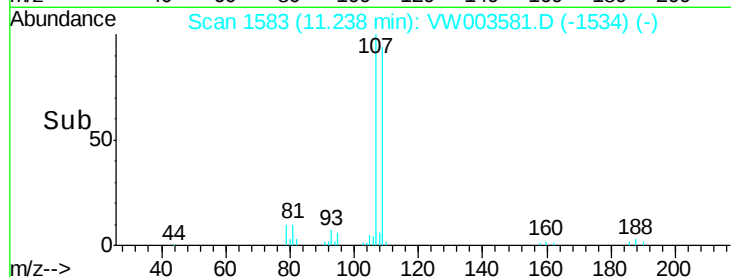
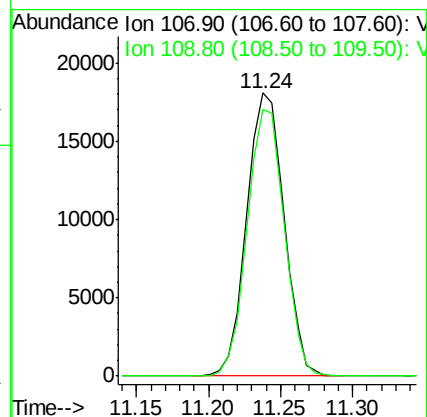
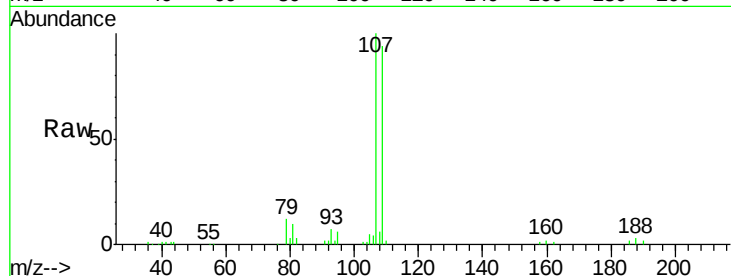
107 100

109 93.7 75.8 113.6

Manual Integrations
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#62

4-Bromofluorobenzene

Concen: 53.88 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.01 min

Lab File: VW003581.D

Acq: 26 Jun 2018 21:31

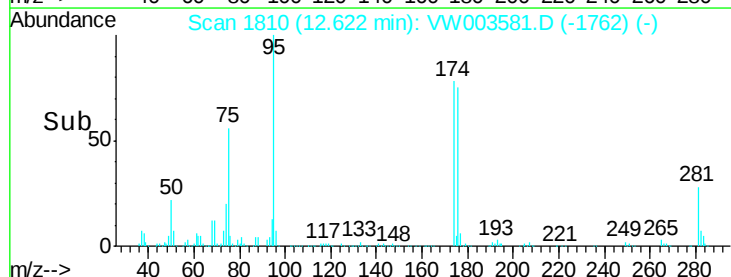
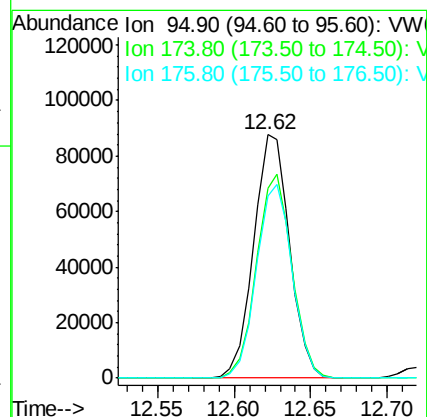
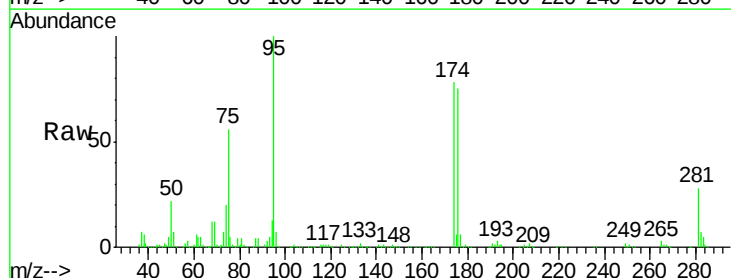
Tgt Ion: 95 Resp: 142970

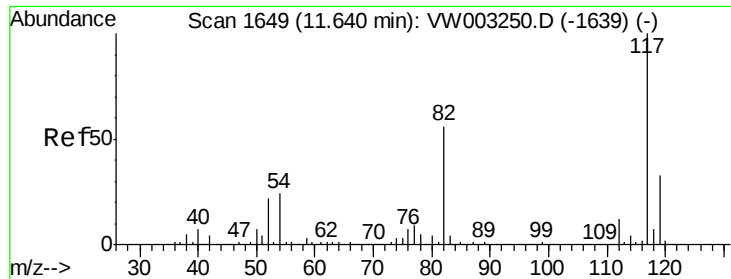
Ion Ratio Lower Upper

95 100

174 82.7 0.0 166.4

176 79.1 0.0 162.0





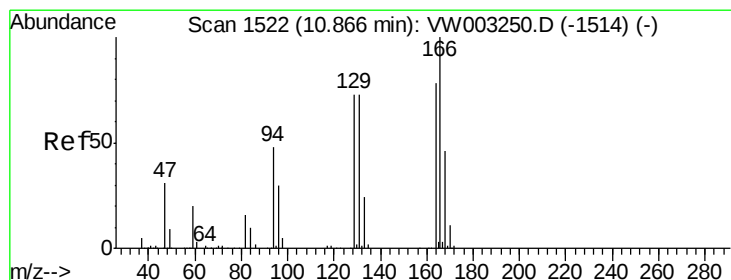
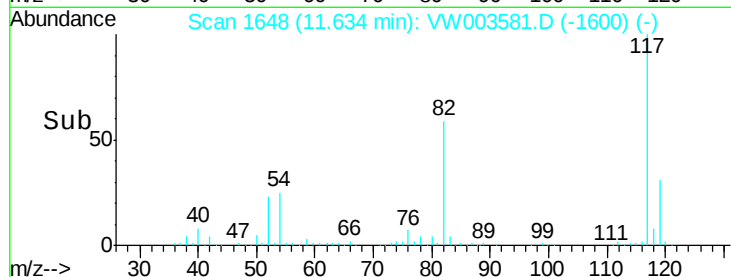
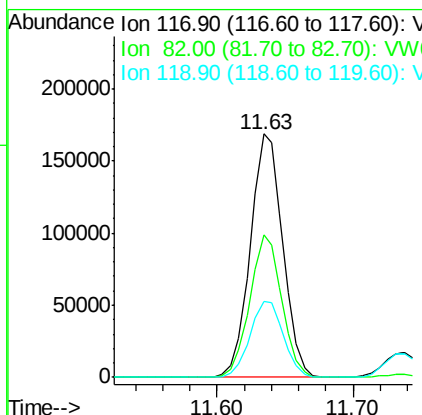
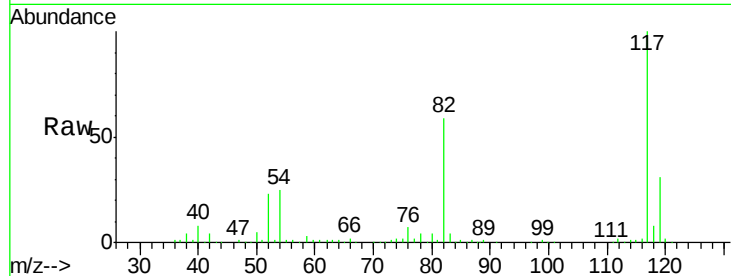
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW003581.D
Acq: 26 Jun 2018 21:31

Instrument :
MSVOA_W
ClientSampleId :
VW0627SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.6	44.6	67.0
119	31.4	26.7	40.1

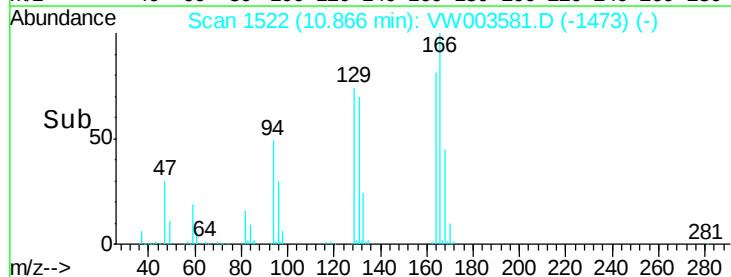
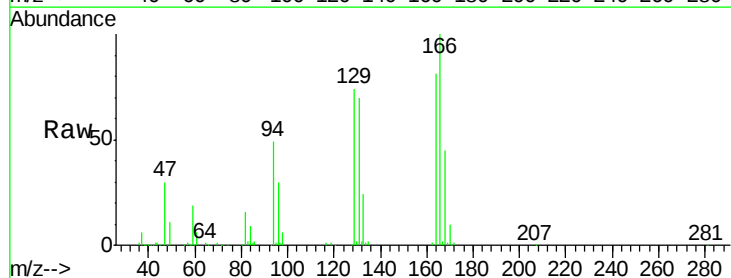
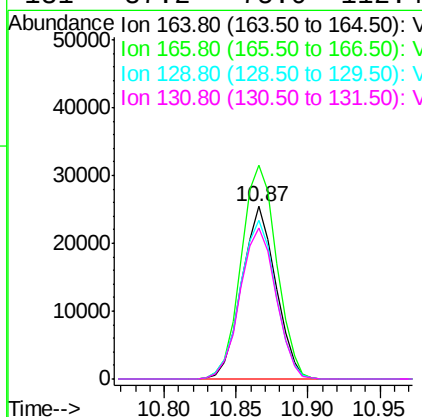
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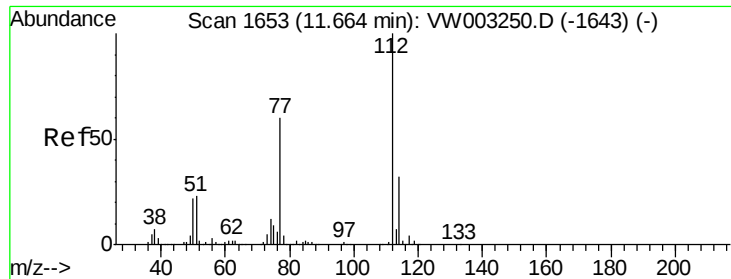
apatel
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#64
Tetrachloroethene
Concen: 22.07 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003581.D
Acq: 26 Jun 2018 21:31

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.7	102.6	154.0
129	91.7	75.2	112.8
131	87.2	75.0	112.4





#65

Chlorobenzene

Concen: 21.88 ug/l

RT: 11.66 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VW003581.D

Acq: 26 Jun 2018 21:31

Instrument :

MSVOA_W

ClientSampleId :

VW0627SBS01

Tot Ion:112 Resp: 128243

Ion Ratio Lower Upper

112 100

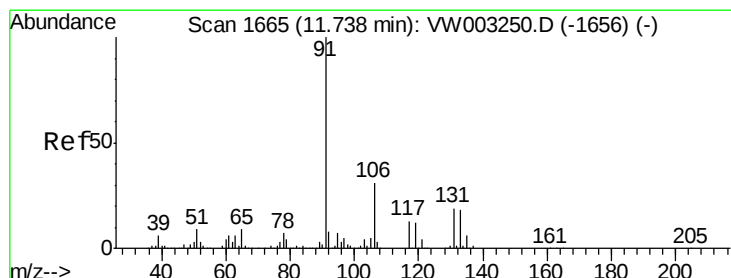
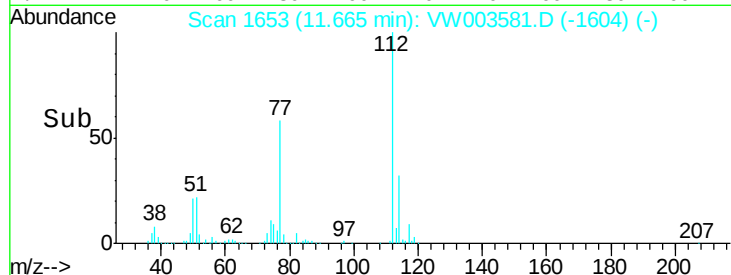
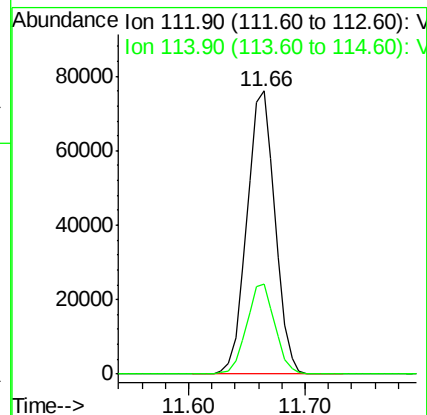
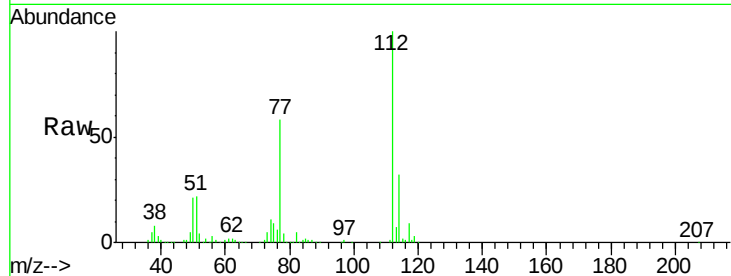
114 31.9 25.9 38.9

Manual Integrations

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#66

1,1,1,2-Tetrachloroethane

Concen: 21.60 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VW003581.D

Acq: 26 Jun 2018 21:31

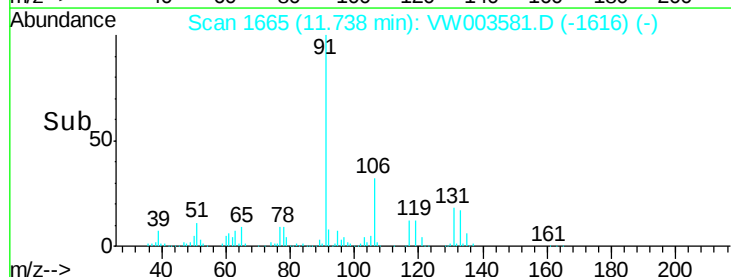
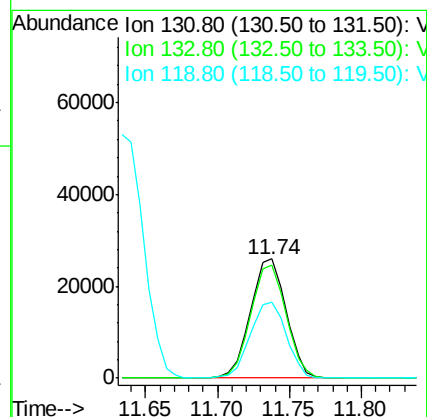
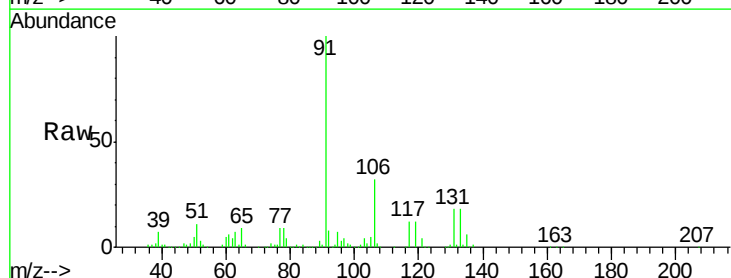
Tgt Ion:131 Resp: 44486

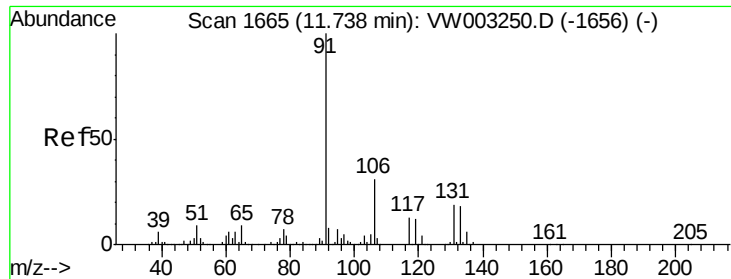
Ion Ratio Lower Upper

131 100

133 94.1 47.3 142.0

119 64.3 32.5 97.4





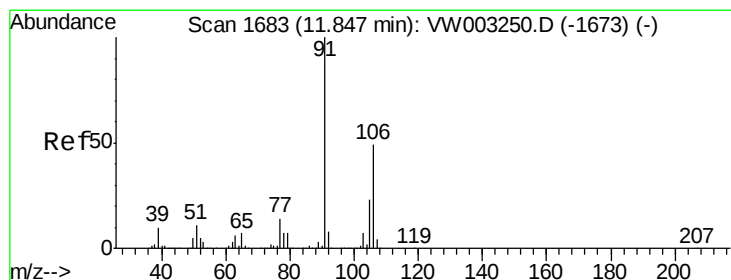
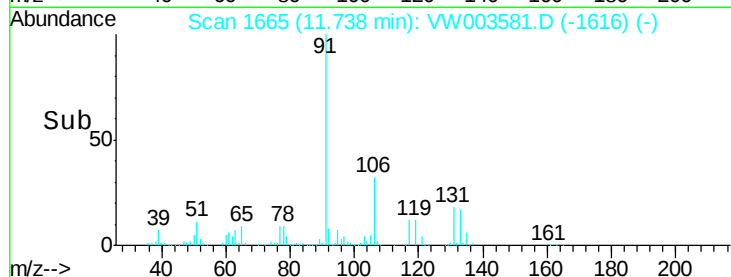
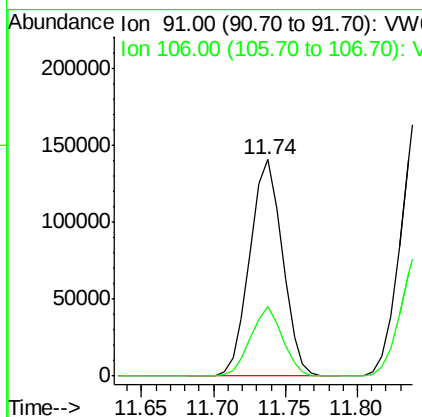
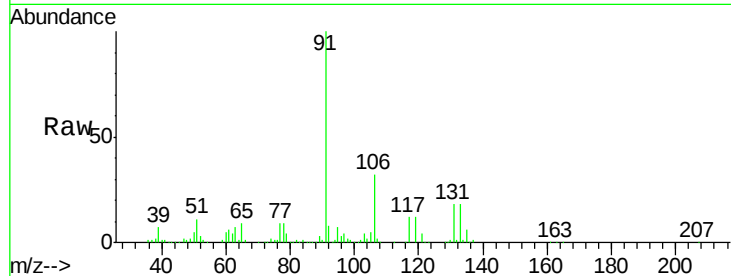
#67
Ethyl Benzene
Concen: 21.29 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003581.D
Acq: 26 Jun 2018 21:31

Instrument :
MSVOA_W
ClientSampleId :
VW0627SBS01

Tot Ion: 91 Resp: 221160
Ion Ratio Lower Upper
91 100
106 32.1 24.7 37.1

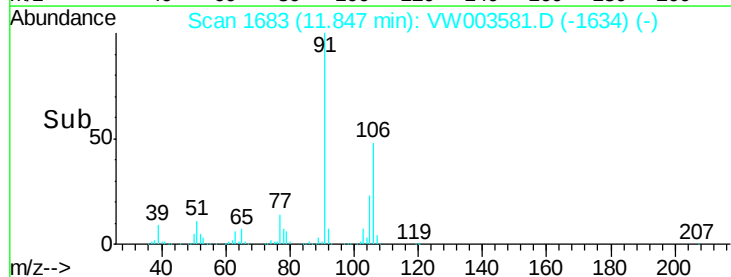
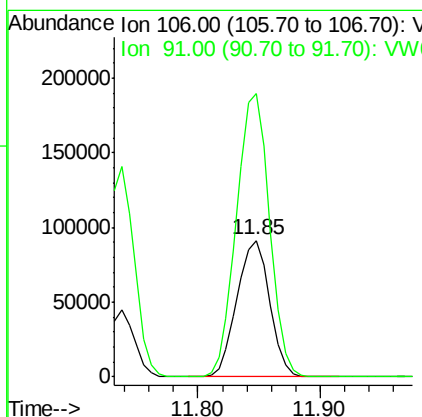
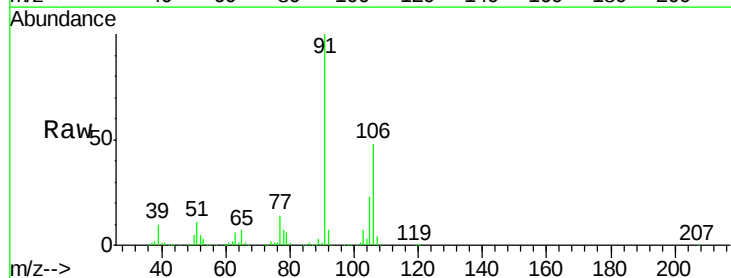
Manual Integrations
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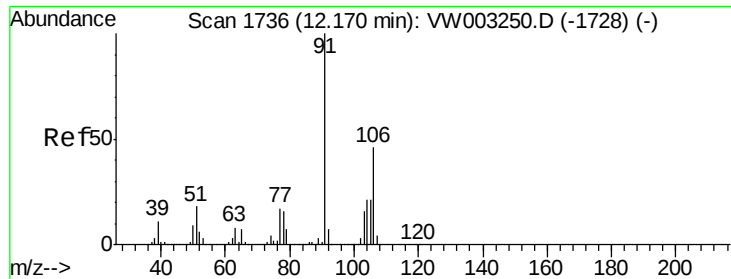
apatel
6/27/2018 11:46:55 AM



#68
m/p-Xylenes
Concen: 43.00 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW003581.D
Acq: 26 Jun 2018 21:31

Tgt Ion: 106 Resp: 169843
Ion Ratio Lower Upper
106 100
91 209.2 165.4 248.0





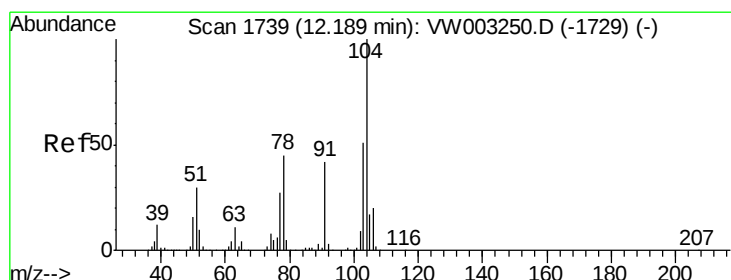
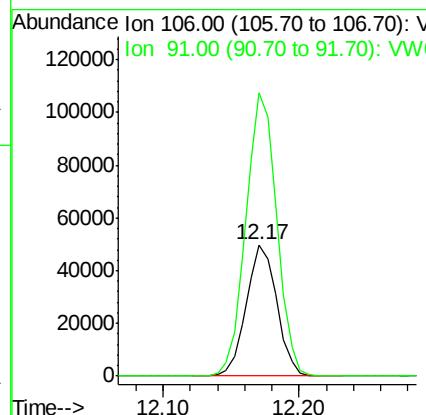
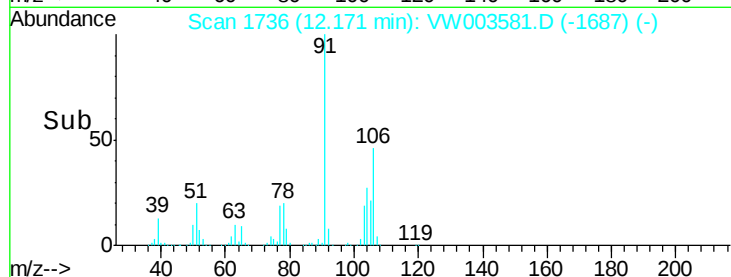
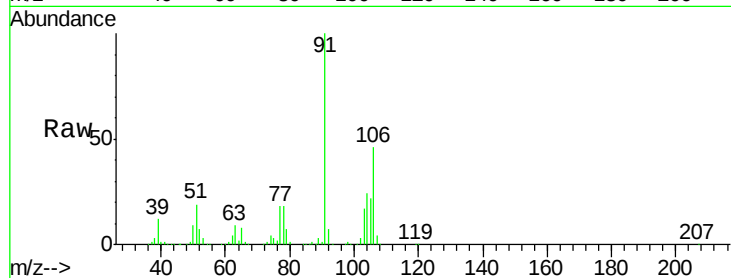
#69
o-Xylene
Concen: 21.36 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003581.D
Acq: 26 Jun 2018 21:31

Instrument :
MSVOA_W
ClientSampleId :
VW0627SBS01

Tot Ion:106 Resp: 78188
Ion Ratio Lower Upper
106 100
91 218.4 108.6 325.6

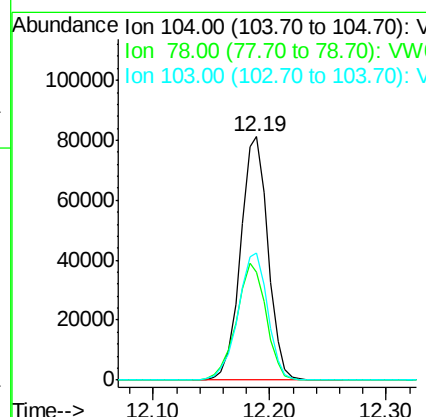
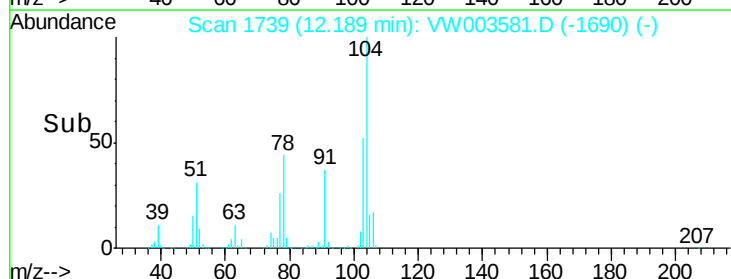
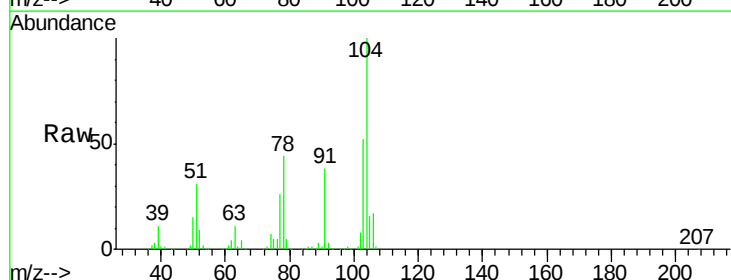
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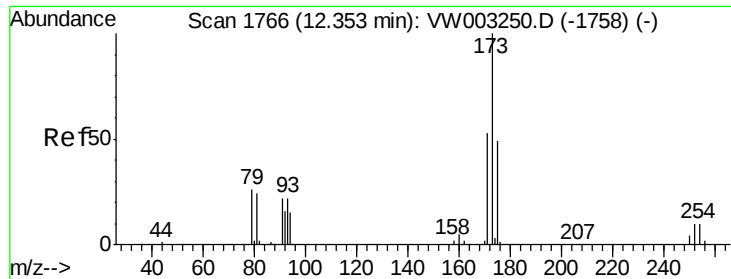
apatel
6/27/2018 11:46:55 AM



#70
Styrene
Concen: 21.85 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW003581.D
Acq: 26 Jun 2018 21:31

Tgt Ion:104 Resp: 133103
Ion Ratio Lower Upper
104 100
78 52.0 41.3 61.9
103 56.4 45.0 67.4





#71

Bromoform

Concen: 22.12 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW003581.D

Acq: 26 Jun 2018 21:31

Instrument :

MSVOA_W

ClientSampled :

VW0627SBSD01

Tot Ion:173 Resp: 23614

Ion Ratio Lower Upper

173 100

175 47.3 24.4 73.4

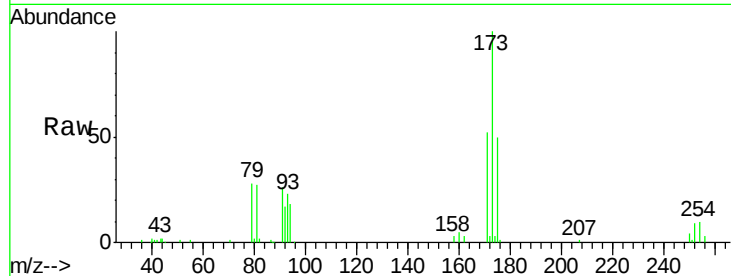
254 0.0 0.1 0.1#

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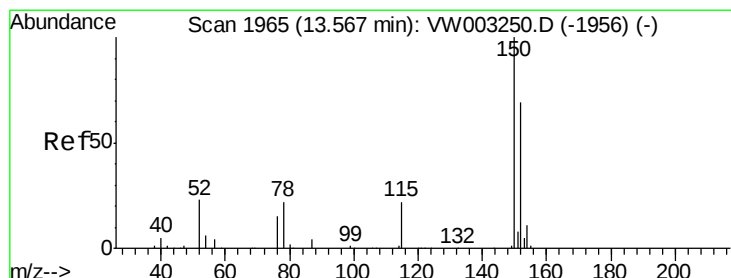
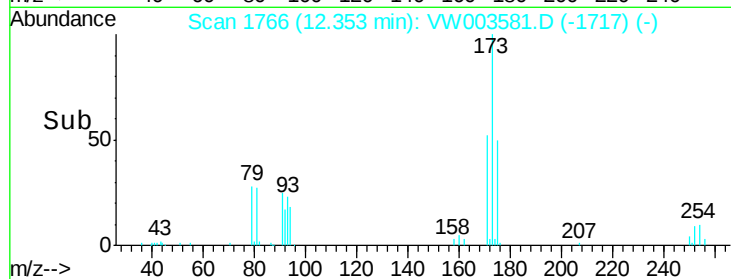
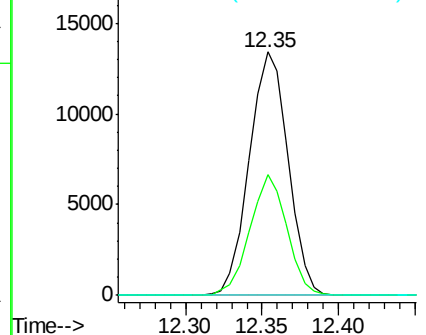
6/27/2018 11:46:55 AM



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: VW003581.D

Acq: 26 Jun 2018 21:31

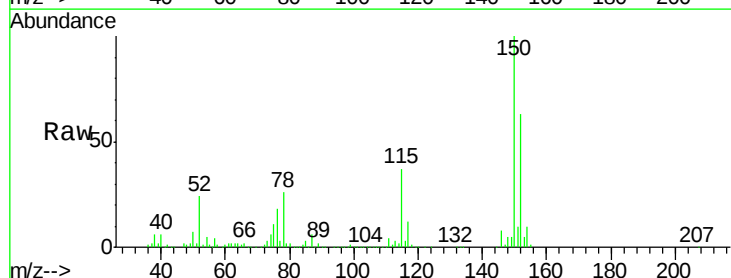
Tgt Ion:152 Resp: 151064

Ion Ratio Lower Upper

152 100

115 58.9 29.3 88.0

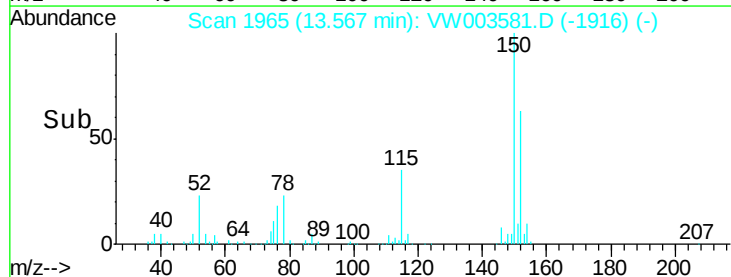
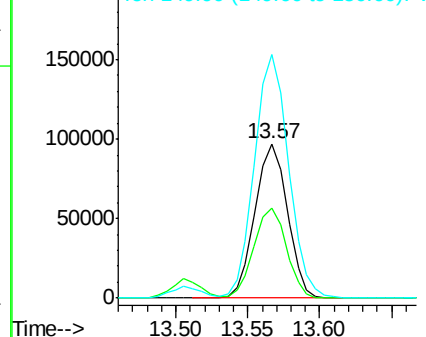
150 166.0 0.0 349.6

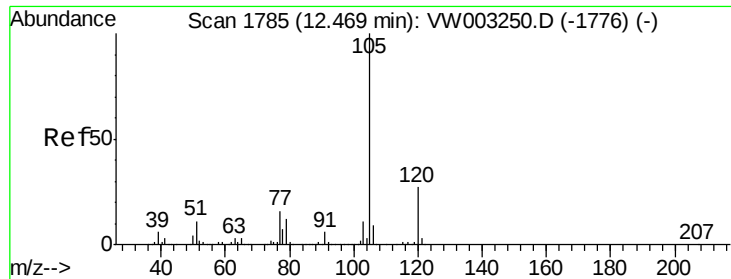


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





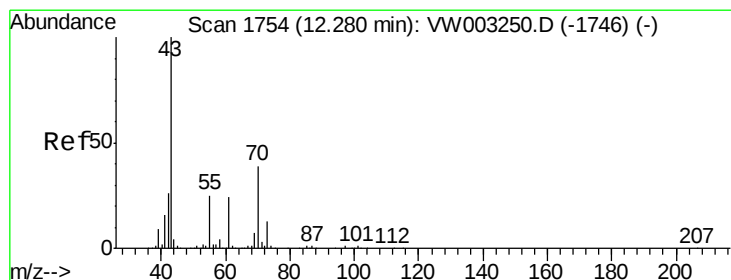
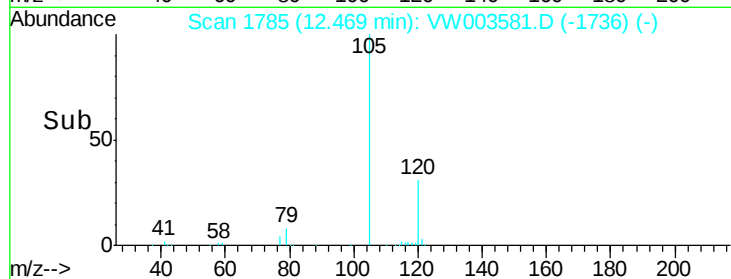
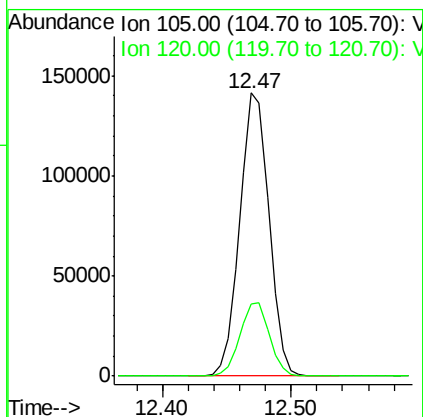
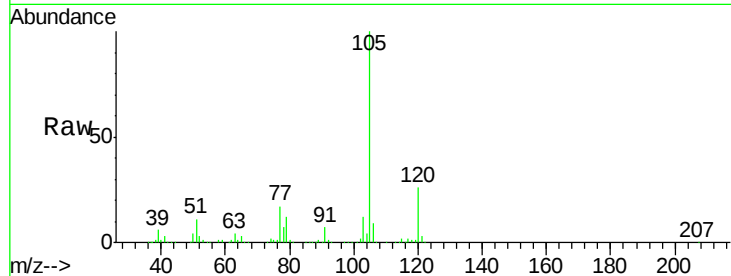
#73
Isopropylbenzene
Concen: 21.08 ug/l
RT: 12.47 min Scan# 1785
Delta R.T. 0.00 min
Lab File: VW003581.D
Acq: 26 Jun 2018 21:31

Instrument :
MSVOA_W
ClientSampleId :
VW0627SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.1	13.2	39.6

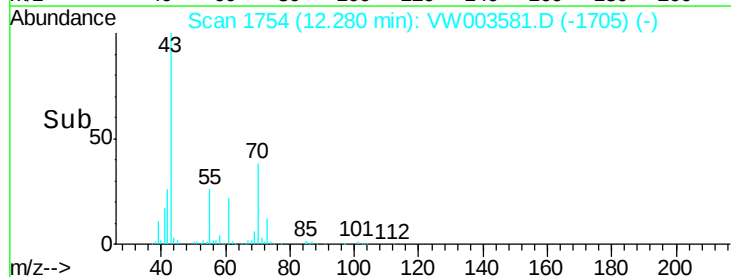
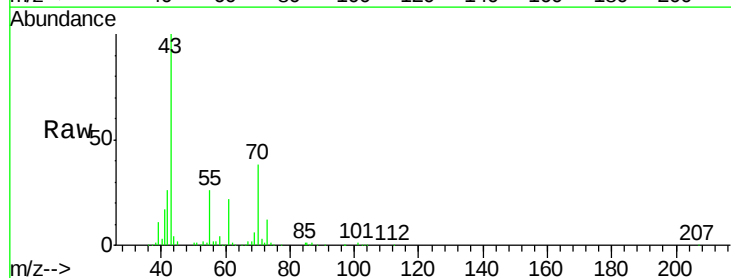
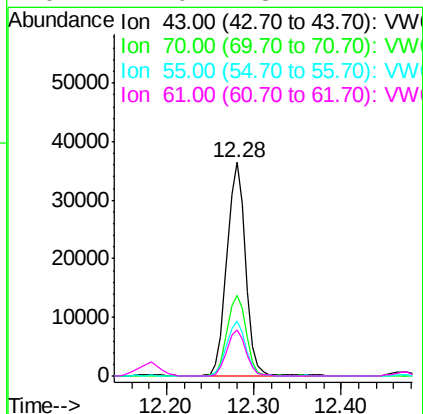
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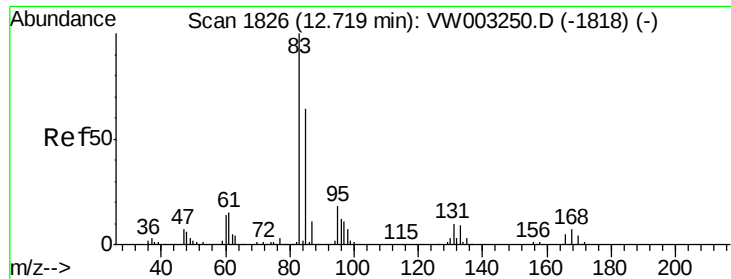
apatel
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#74
N-ethyl acetate
Concen: 22.77 ug/l
RT: 12.28 min Scan# 1754
Delta R.T. 0.00 min
Lab File: VW003581.D
Acq: 26 Jun 2018 21:31

Tgt Ion	Ratio	Lower	Upper
43	100		
70	38.6	31.0	46.6
55	26.2	19.7	29.5
61	22.0	18.1	27.1





#75

1,1,2,2-Tetrachloroethane

Concen: 23.45 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW003581.D

Acq: 26 Jun 2018 21:31

Instrument :

MSVOA_W

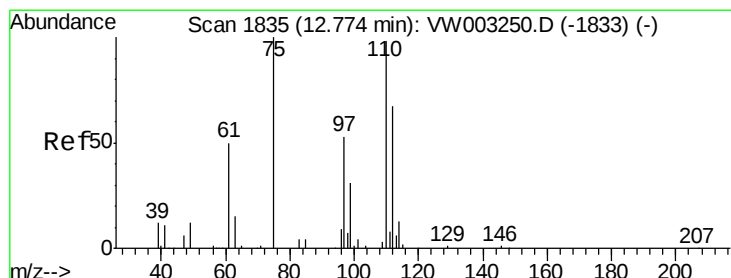
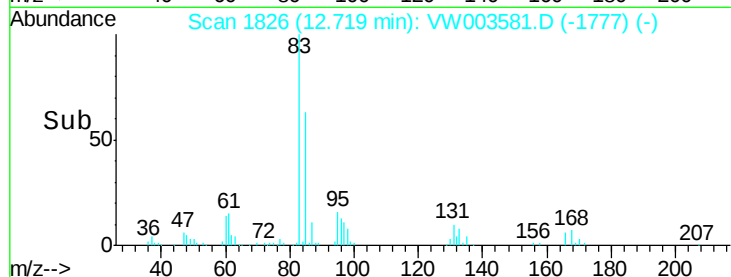
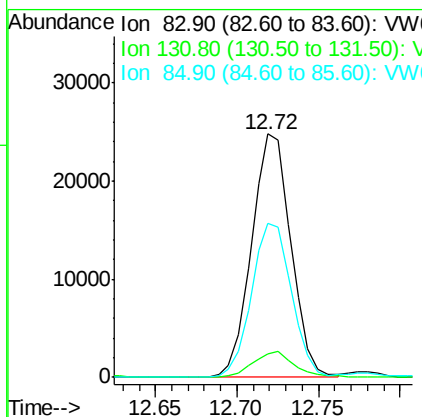
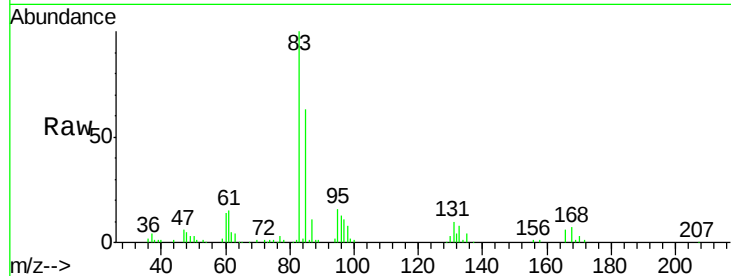
ClientSampleId :

VW0627SBS01

Tot Ion:	83	Resp:	41691
Ion Ratio	Lower	Upper	
83	100		
131	11.3	5.4	16.2
85	64.4	31.9	95.7

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 22.08 ug/l m

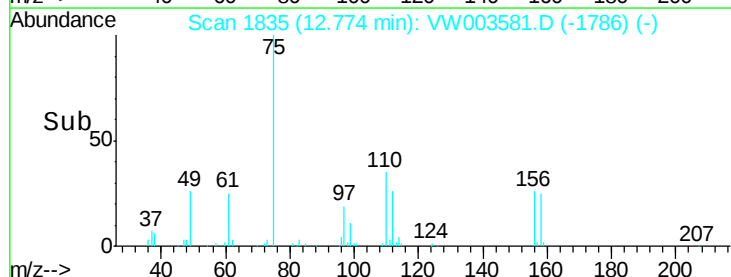
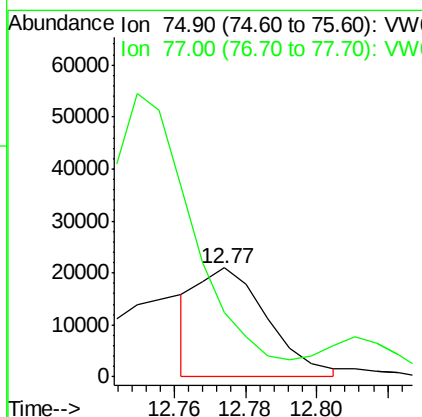
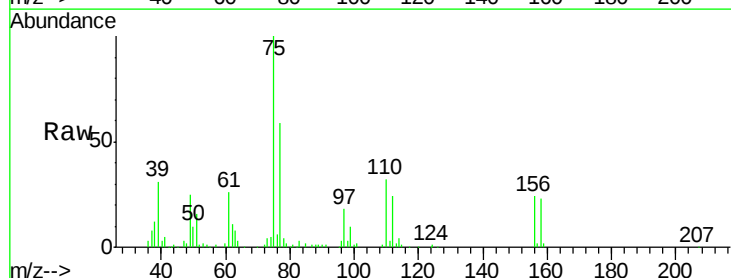
RT: 12.77 min Scan# 1835

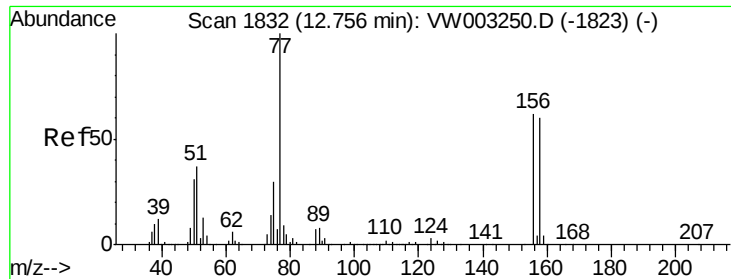
Delta R.T. 0.00 min

Lab File: VW003581.D

Acq: 26 Jun 2018 21:31

Tgt Ion:	75	Resp:	28512
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.42 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VW003581.D

Acq: 26 Jun 2018 21:31

Instrument :

MSVOA_W

ClientSampled :

VW0627SBS01

Tot Ion:156 Resp: 52422

Ion Ratio Lower Upper

156 100

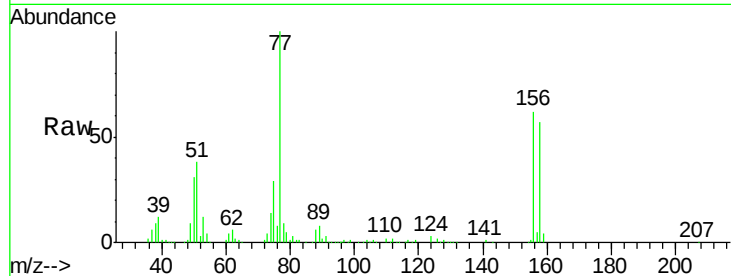
77 188.7 92.3 276.9

158 96.7 47.5 142.6

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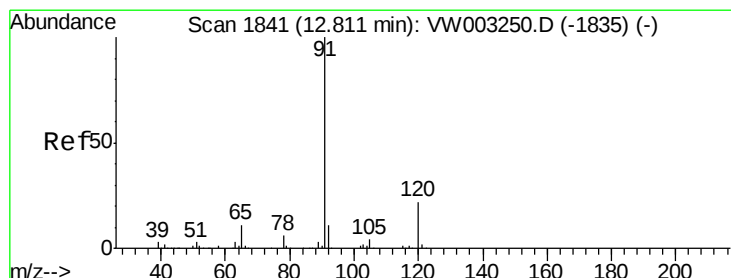
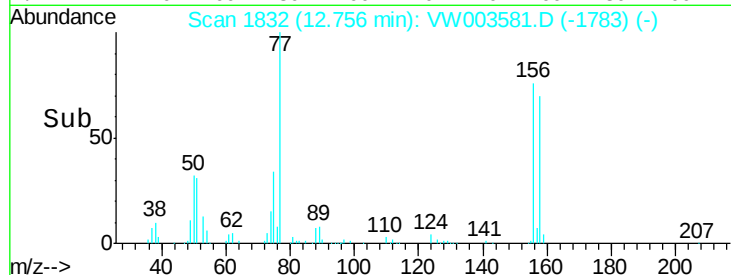
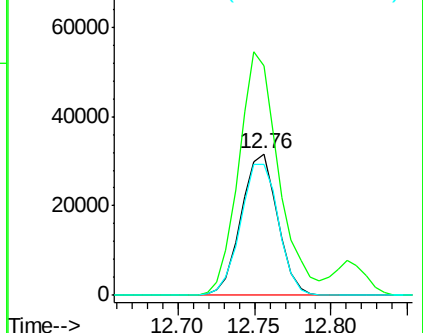
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.51 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VW003581.D

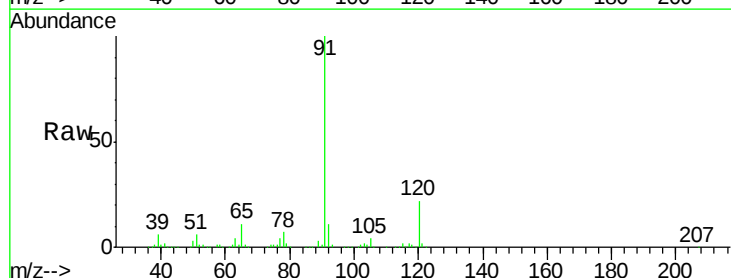
Acq: 26 Jun 2018 21:31

Tgt Ion: 91 Resp: 276680

Ion Ratio Lower Upper

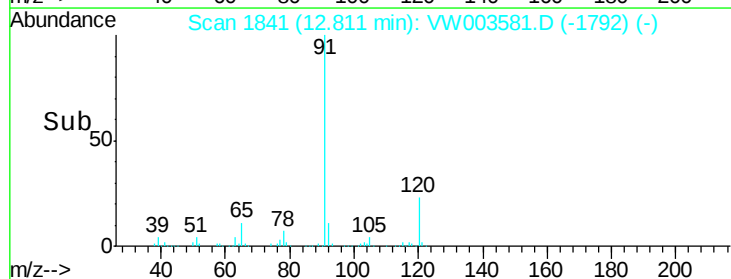
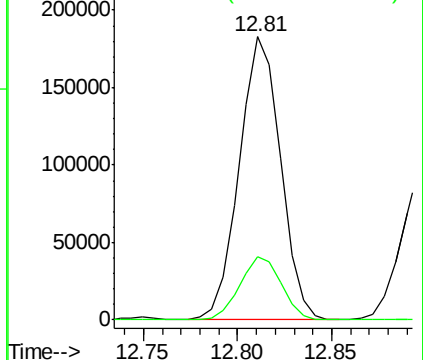
91 100

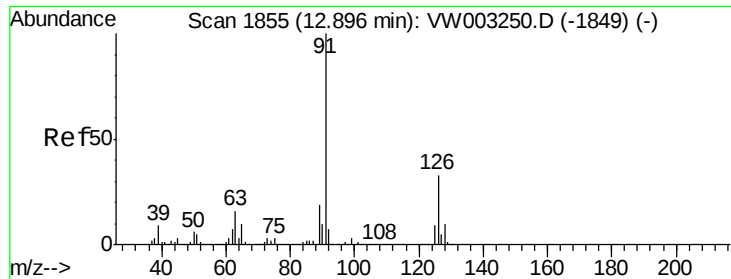
120 22.6 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





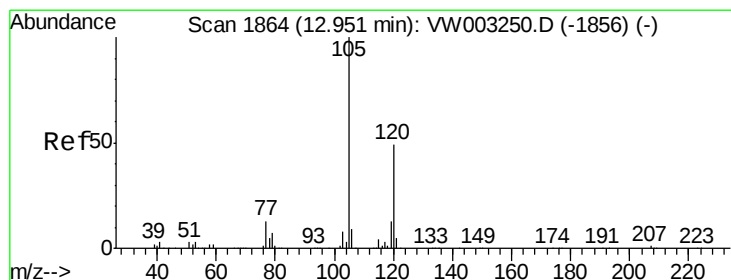
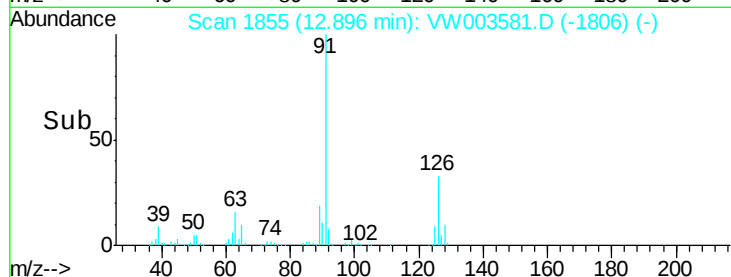
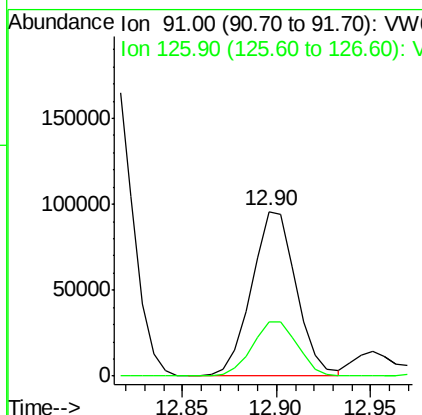
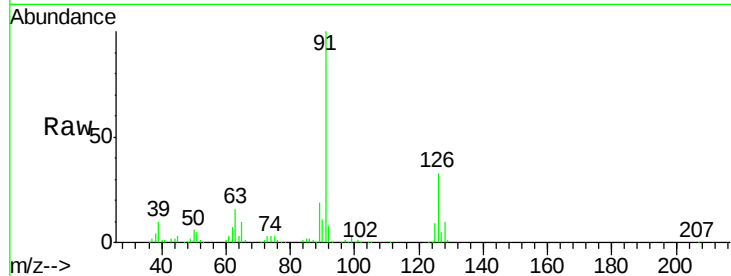
#79
2-Chlorotoluene
Concen: 21.57 ug/l
RT: 12.90 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW003581.D
Acq: 26 Jun 2018 21:31

Instrument :
MSVOA_W
ClientSampled :
VW0627SBSD01

Tot Ion: 91 Resp: 156817
Ion Ratio Lower Upper
91 100
126 33.8 16.8 50.4

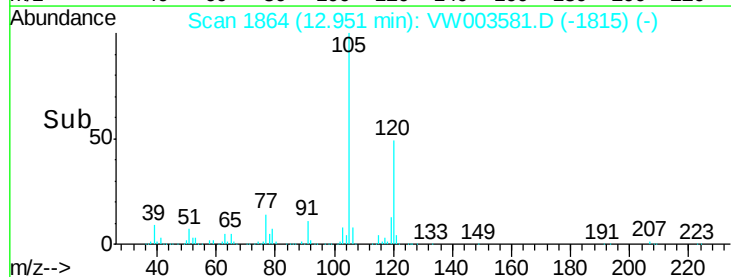
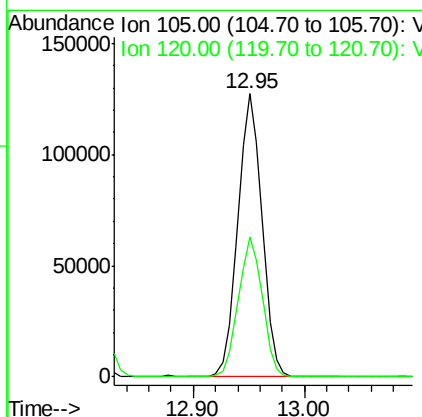
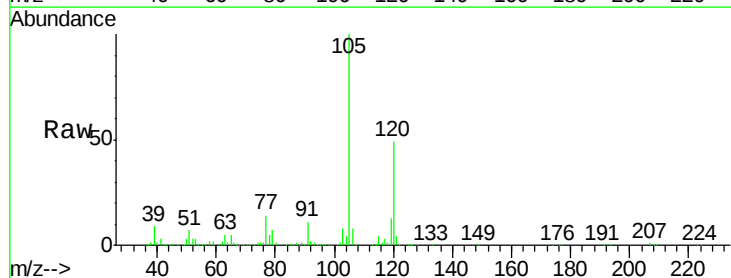
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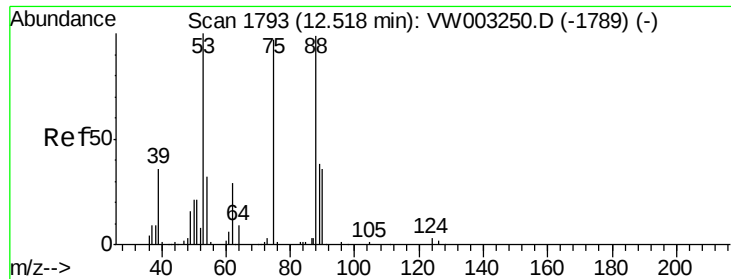
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#80
1,3,5-Trimethylbenzene
Concen: 21.69 ug/l
RT: 12.95 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VW003581.D
Acq: 26 Jun 2018 21:31

Tgt Ion: 105 Resp: 191309
Ion Ratio Lower Upper
105 100
120 49.2 24.3 72.9





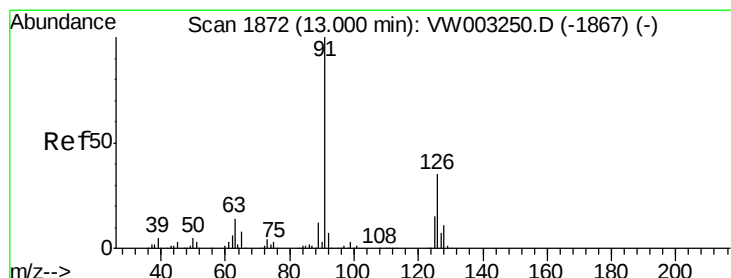
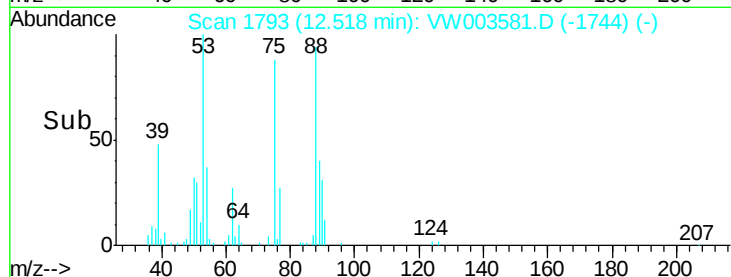
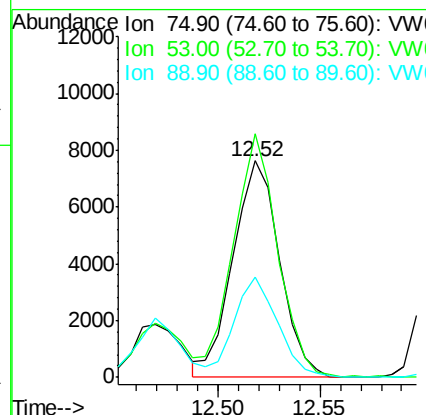
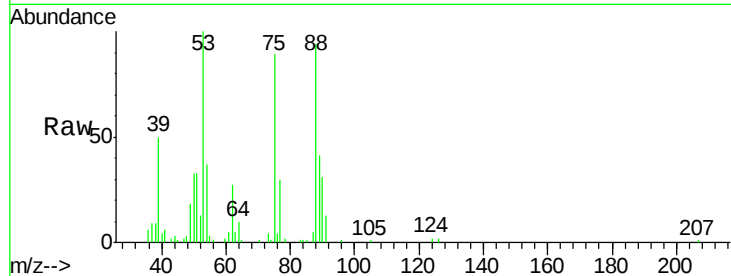
#81
trans-1,4-Dichloro-2-butene
Concen: 21.57 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VW003581.D
Acq: 26 Jun 2018 21:31

Instrument :
MSVOA_W
ClientSampleId :
VW0627SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	107.2	82.9	124.3
89	42.9	36.7	55.1

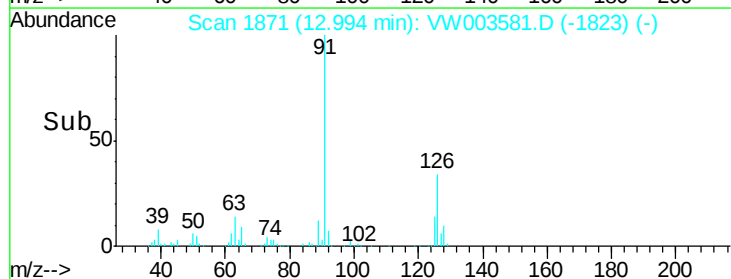
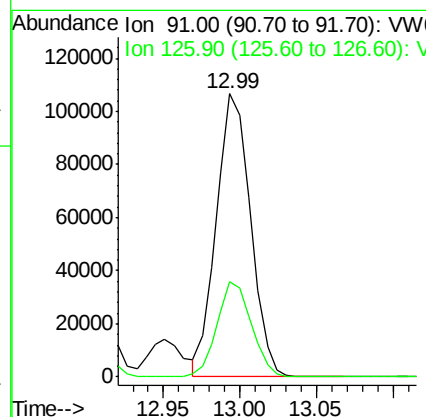
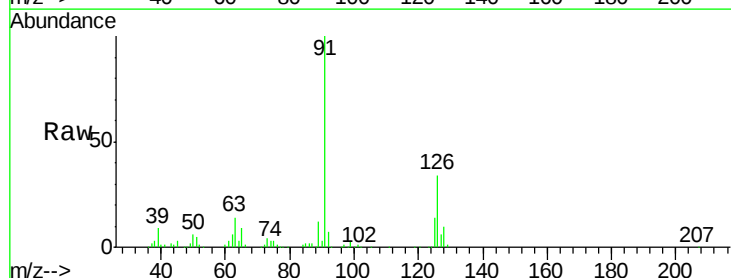
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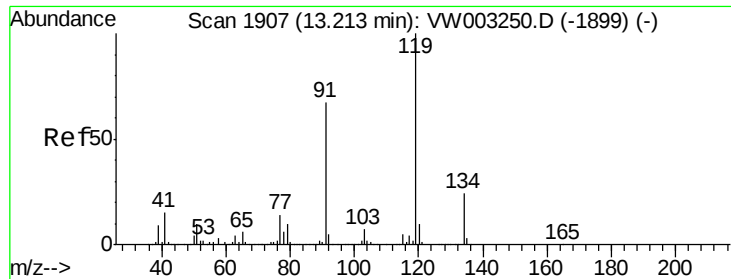
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#82
4-Chlorotoluene
Concen: 21.53 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. -0.01 min
Lab File: VW003581.D
Acq: 26 Jun 2018 21:31

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.9	16.8	50.3





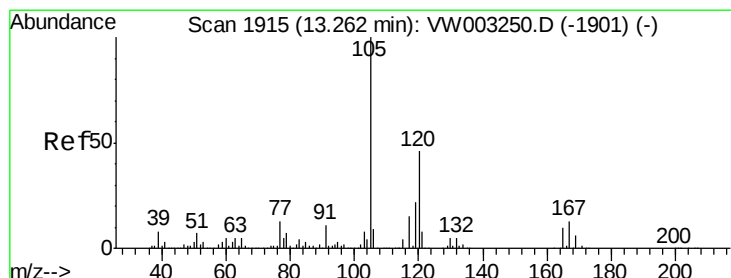
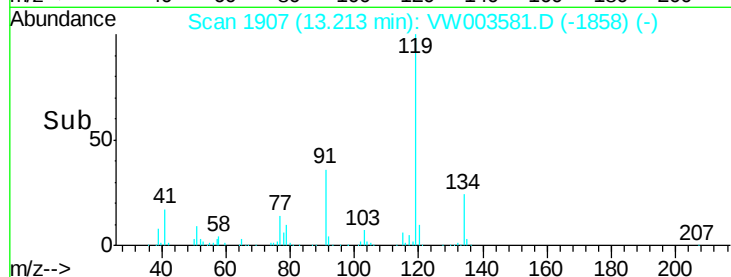
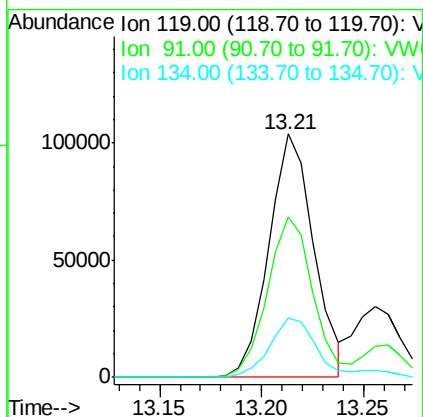
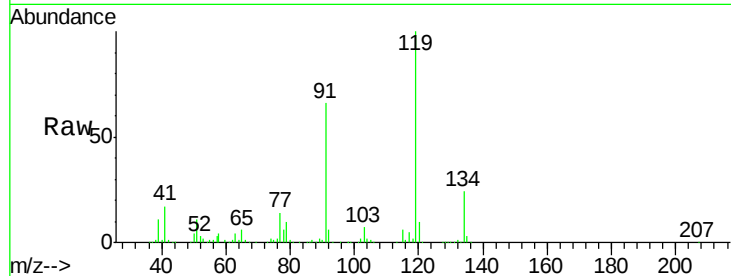
#83
tert-Butylbenzene
Concen: 21.18 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. 0.00 min
Lab File: VW003581.D
Acq: 26 Jun 2018 21:31

Instrument :
MSVOA_W
ClientSampleId :
VW0627SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	159202		
91	67.5	33.9	101.7	
134	24.8	13.4	40.1	

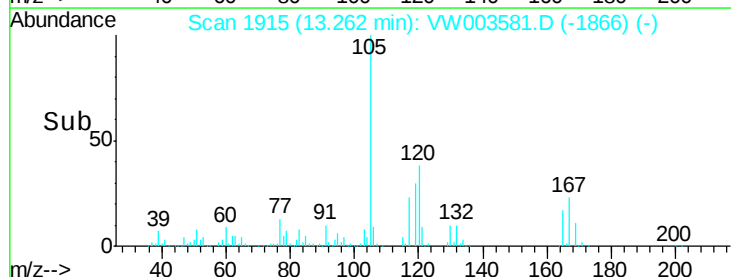
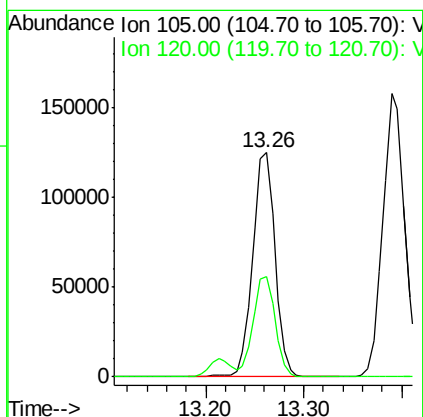
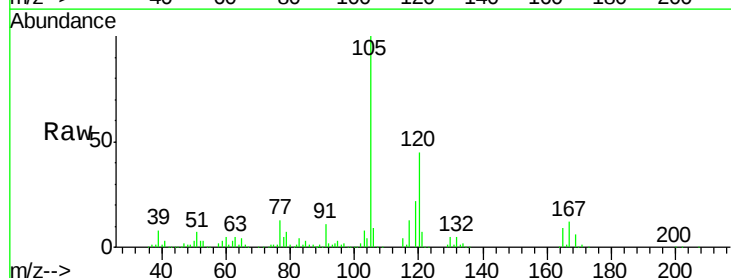
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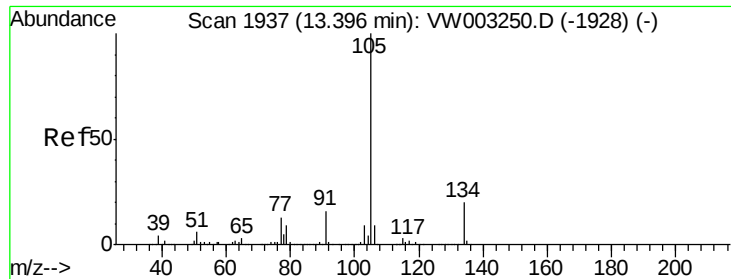
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#84
1,2,4-Trimethylbenzene
Concen: 21.88 ug/l
RT: 13.26 min Scan# 1915
Delta R.T. 0.00 min
Lab File: VW003581.D
Acq: 26 Jun 2018 21:31

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	198488		
120	44.1	22.5	67.5	





#85

sec-Butylbenzene

Concen: 21.59 ug/l

RT: 13.39 min Scan# 1936

Delta R.T. -0.01 min

Lab File: VW003581.D

Acq: 26 Jun 2018 21:31

Instrument :

MSVOA_W

ClientSampled :

VW0627SBS01

Tot Ion:105 Resp: 241215

Ion Ratio Lower Upper

105 100

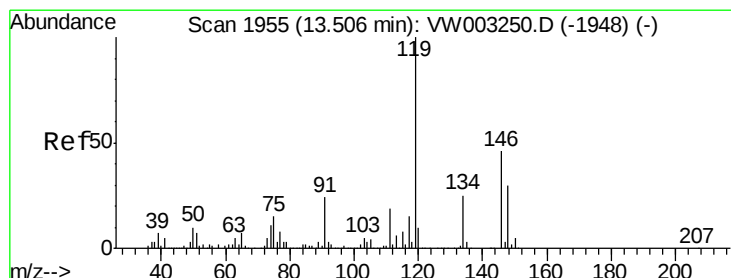
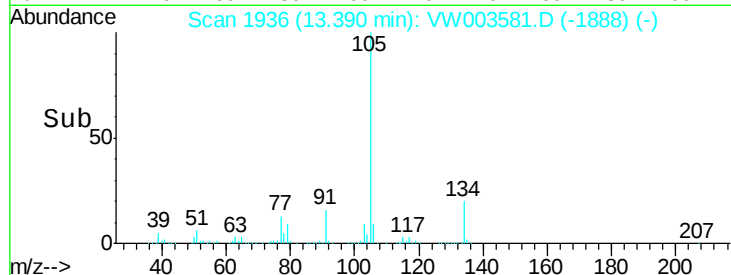
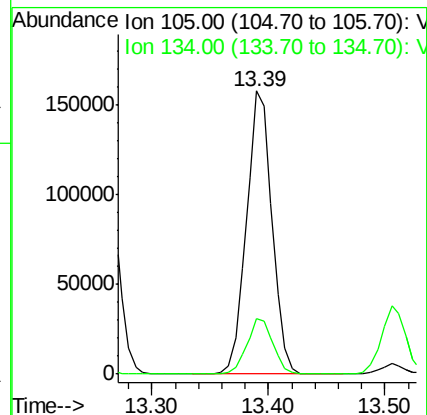
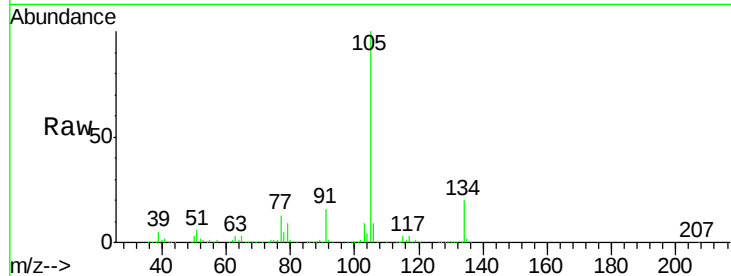
134 19.7 9.8 29.5

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 21.38 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW003581.D

Acq: 26 Jun 2018 21:31

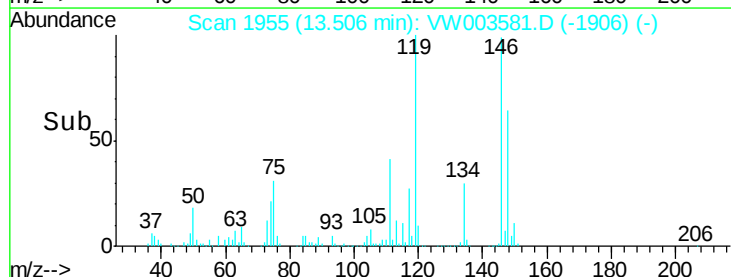
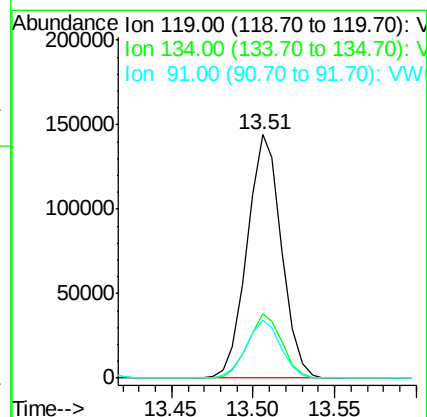
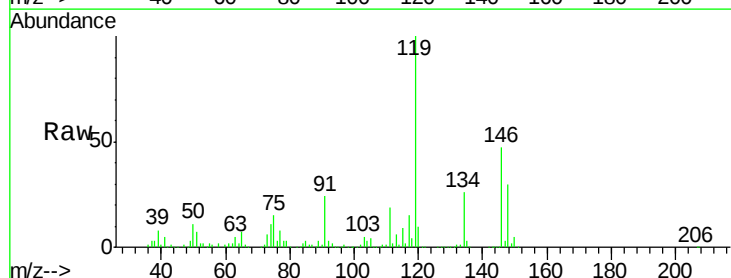
Tgt Ion:119 Resp: 210650

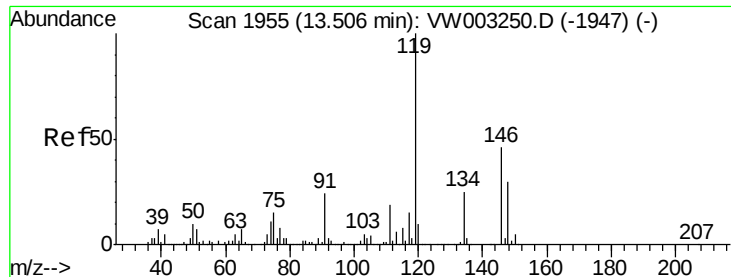
Ion Ratio Lower Upper

119 100

134 26.3 12.9 38.7

91 24.0 11.8 35.3





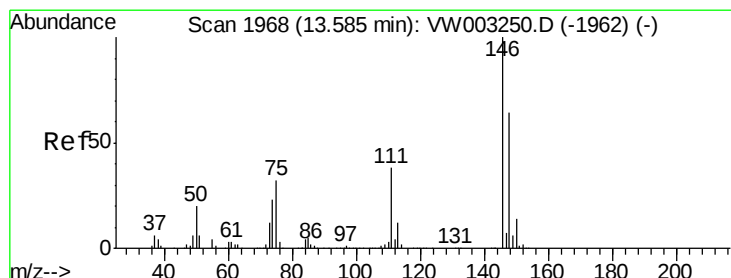
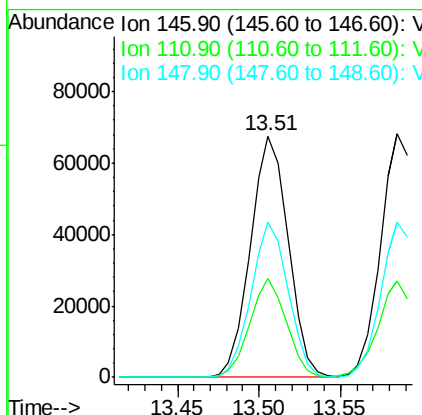
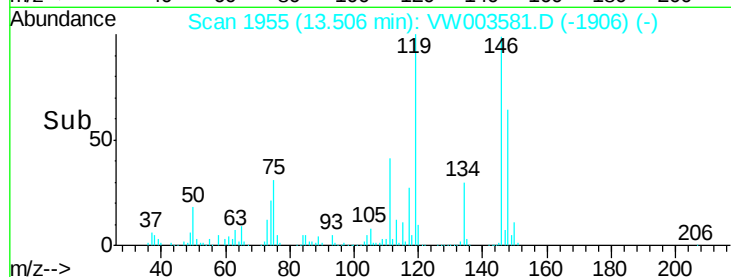
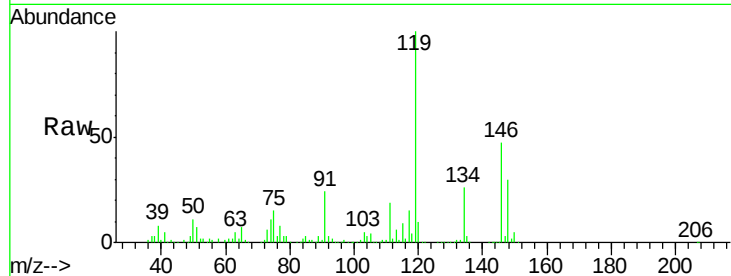
#87
 1,3-Dichlorobenzene
 Concen: 21.63 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003581.D
 Acq: 26 Jun 2018 21:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0627SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.8	59.4
148	63.6	32.1	96.5

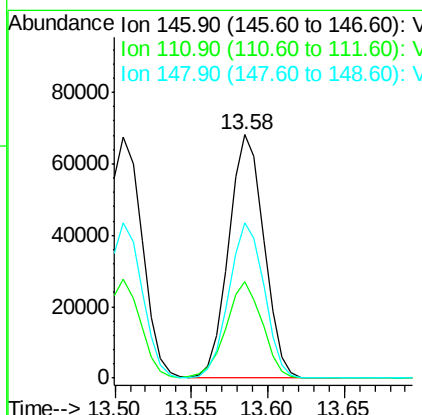
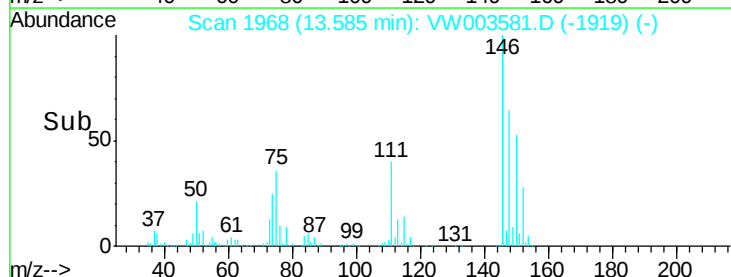
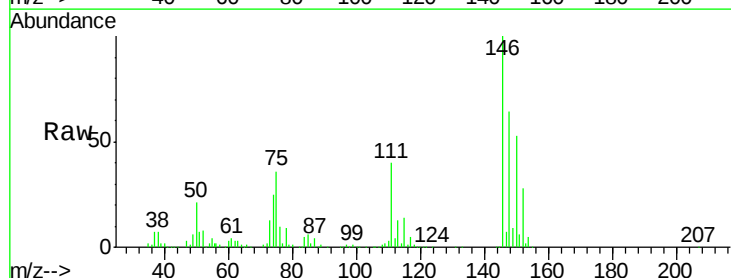
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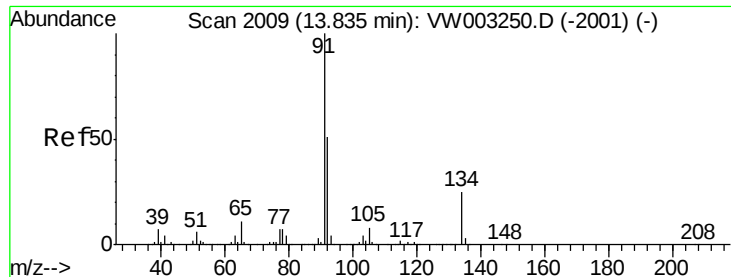
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#88
 1,4-Dichlorobenzene
 Concen: 21.78 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW003581.D
 Acq: 26 Jun 2018 21:31

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.6	19.2	57.6
148	63.7	31.8	95.4





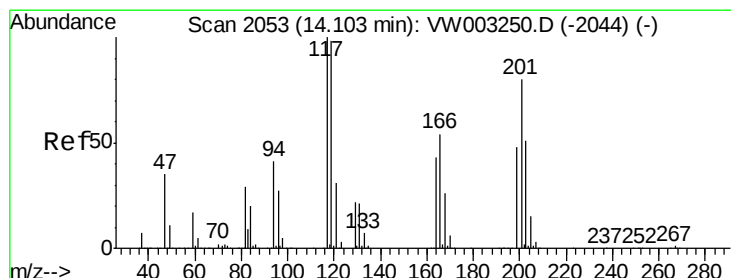
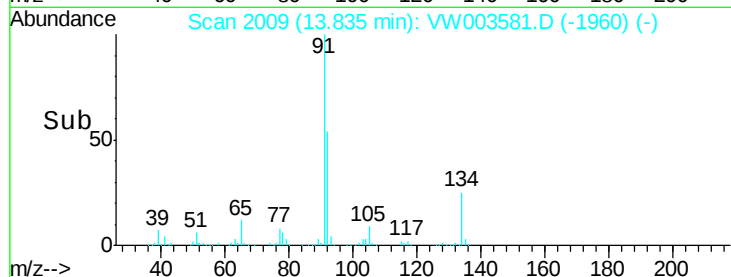
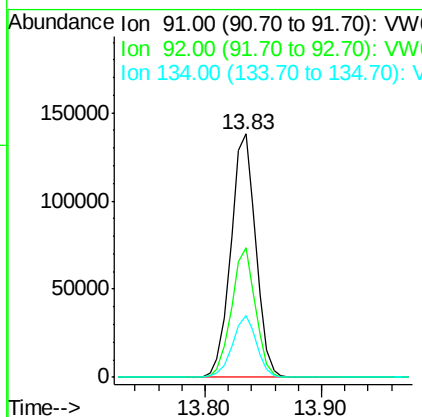
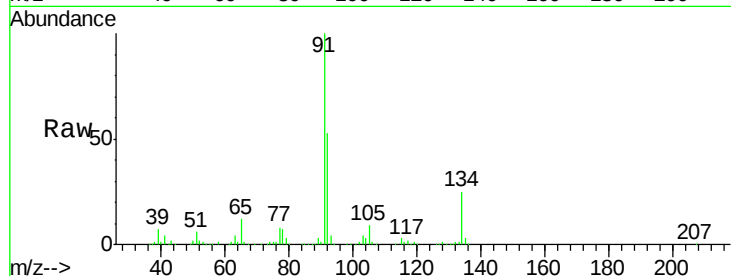
#89
n-Butylbenzene
Concen: 21.34 ug/l
RT: 13.83 min Scan# 2009
Delta R.T. 0.00 min
Lab File: VW003581.D
Acq: 26 Jun 2018 21:31

Instrument :
MSVOA_W
ClientSampleId :
VW0627SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.3	26.0	78.0
134	24.6	12.7	38.0

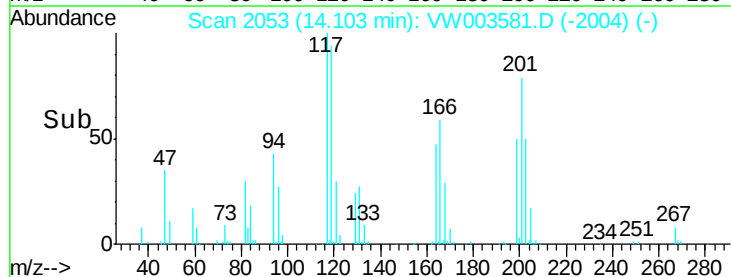
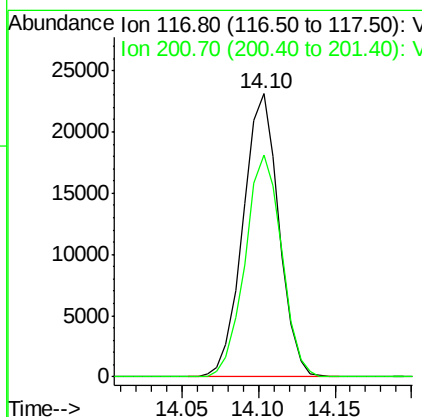
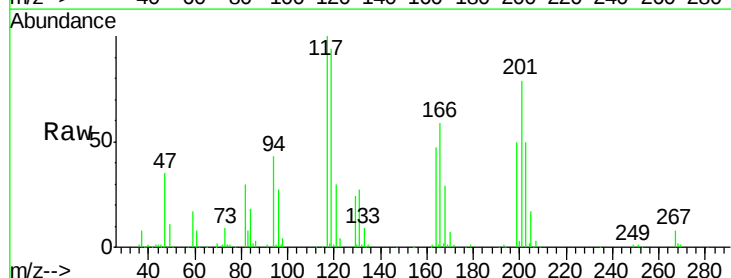
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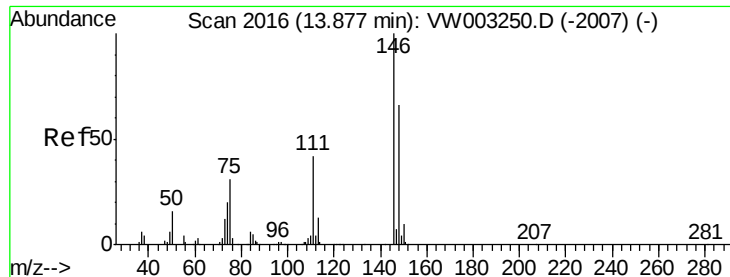
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#90
Hexachloroethane
Concen: 21.12 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.00 min
Lab File: VW003581.D
Acq: 26 Jun 2018 21:31

Tgt Ion	Ratio	Lower	Upper
117	100		
201	80.3	39.5	118.5





#91

1,2-Dichlorobenzene

Concen: 22.20 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. 0.00 min

Lab File: VW003581.D

Acq: 26 Jun 2018 21:31

Instrument :

MSVOA_W

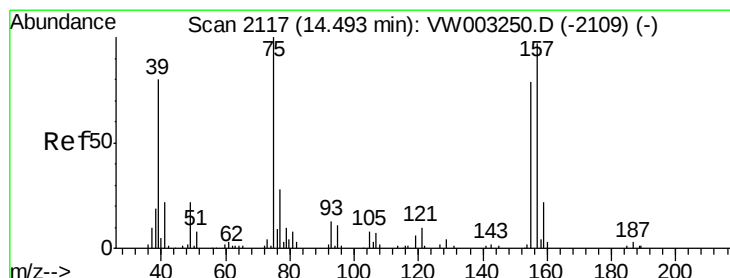
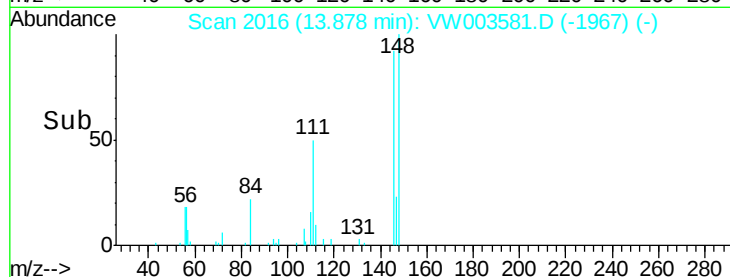
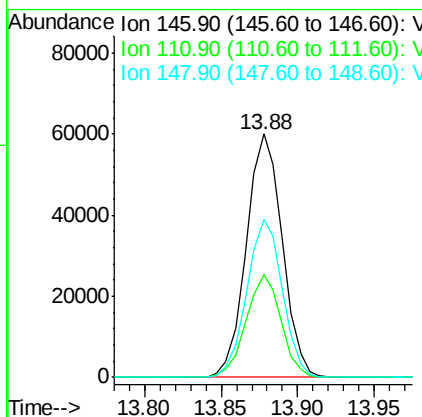
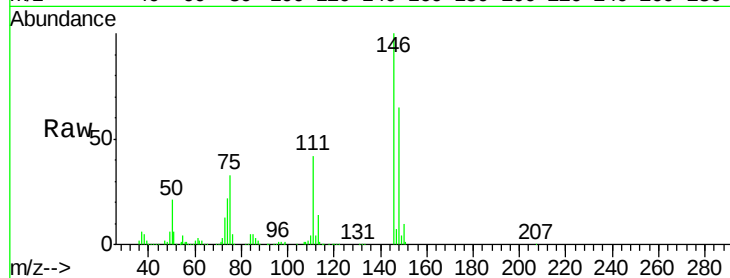
ClientSampleId :

VW0627SBS01

Tot Ion:	146	Resp:	97733
Ion Ratio	Lower	Upper	
146	100		
111	41.0	20.3	61.0
148	64.2	32.3	96.9

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6/27/2018 11:46:55 AM



#92

1,2-Dibromo-3-Chloropropane

Concen: 23.57 ug/l

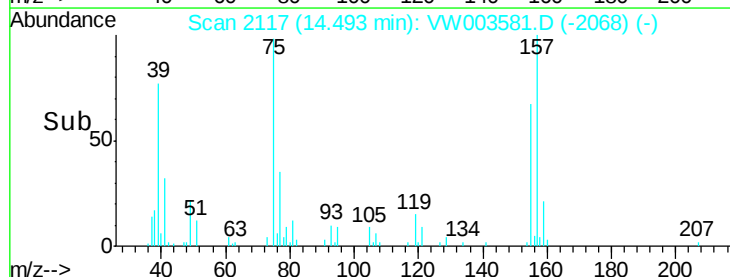
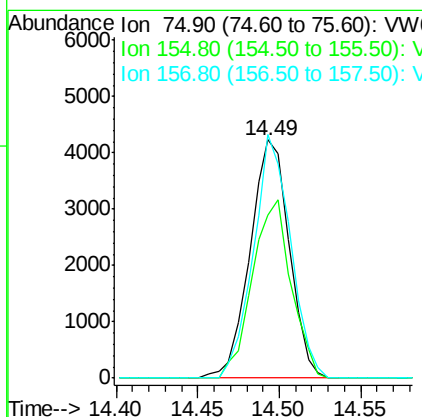
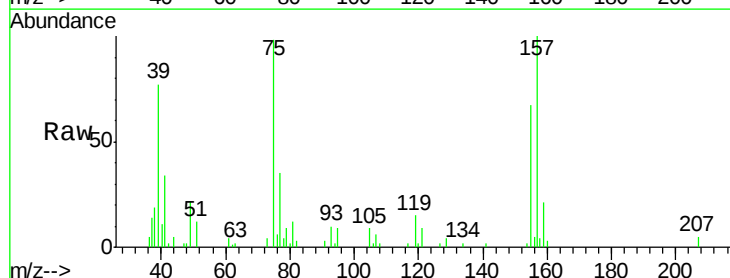
RT: 14.49 min Scan# 2117

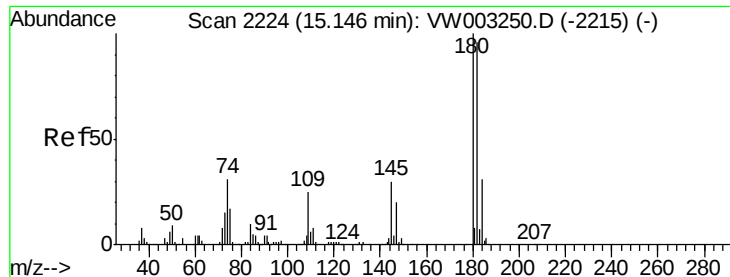
Delta R.T. 0.00 min

Lab File: VW003581.D

Acq: 26 Jun 2018 21:31

Tgt Ion:	75	Resp:	7052
Ion Ratio	Lower	Upper	
75	100		
155	74.1	39.4	118.2
157	96.5	51.5	154.5





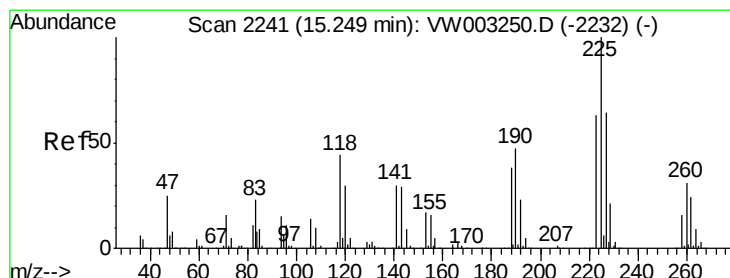
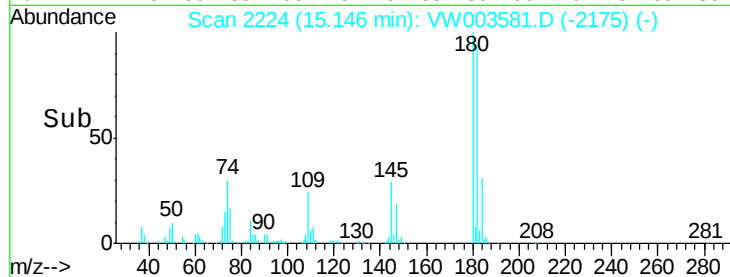
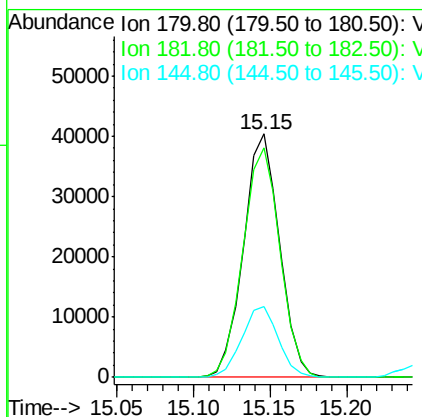
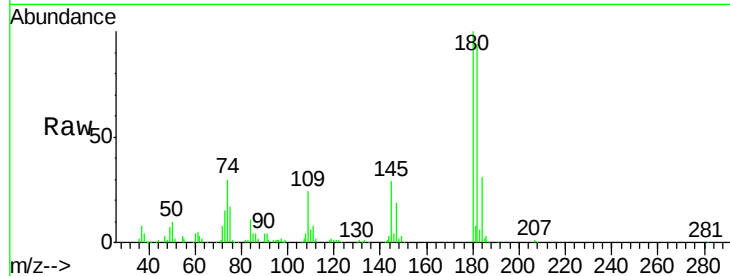
#93
 1,2,4-Trichlorobenzene
 Concen: 21.34 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW003581.D
 Acq: 26 Jun 2018 21:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0627SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.2	47.9	143.6
145	29.5	15.2	45.5

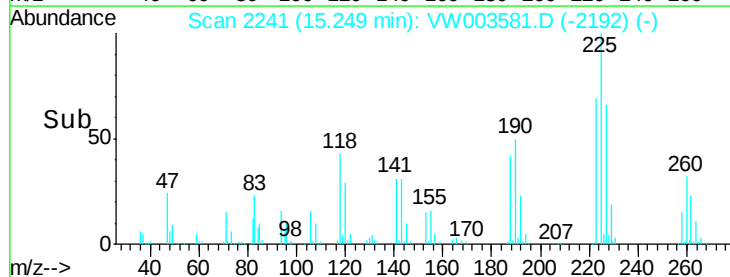
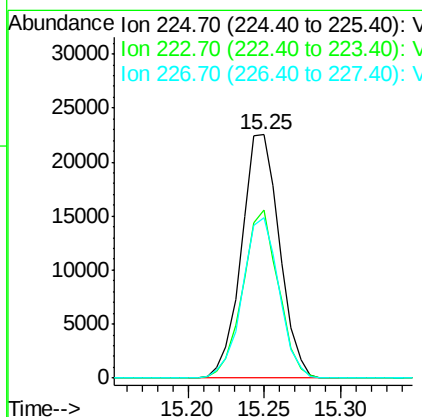
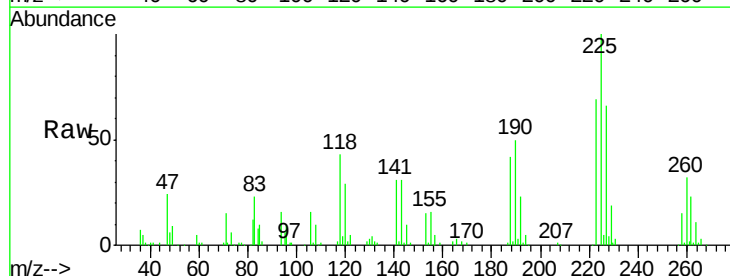
Manual Integrations
 APPROVED

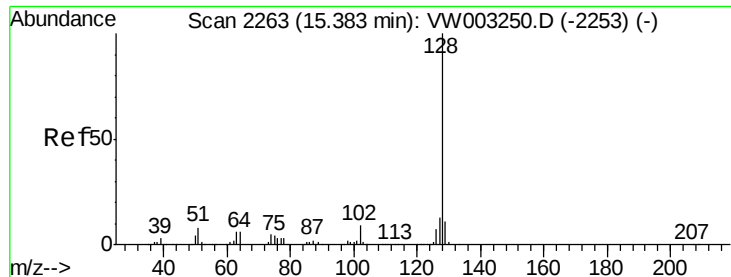
apatel
 6/27/2018 11:46:55 AM



#94
 Hexachlorobutadiene
 Concen: 20.90 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: VW003581.D
 Acq: 26 Jun 2018 21:31

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.7	30.6	92.0
227	63.5	31.7	95.1





#95

Naphthalene

Concen: 22.02 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. -0.01 min

Lab File: VW003581.D

Acq: 26 Jun 2018 21:31

Instrument :

MSVOA_W

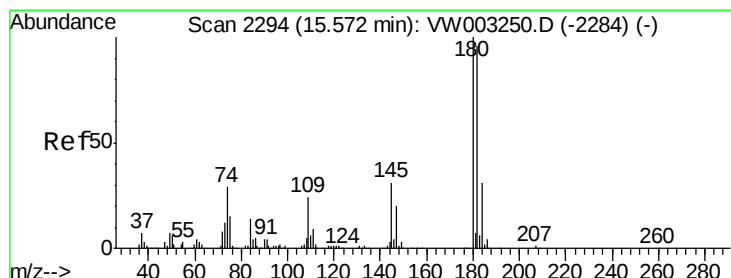
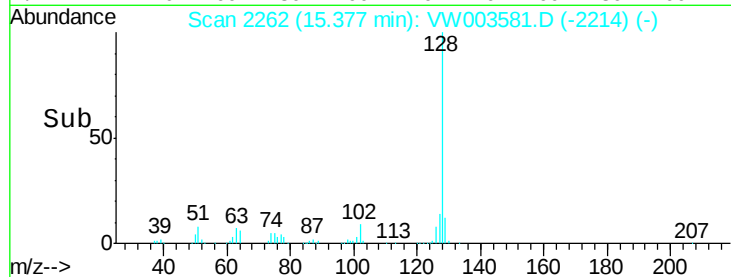
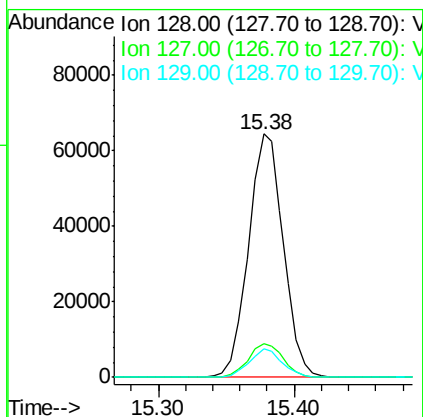
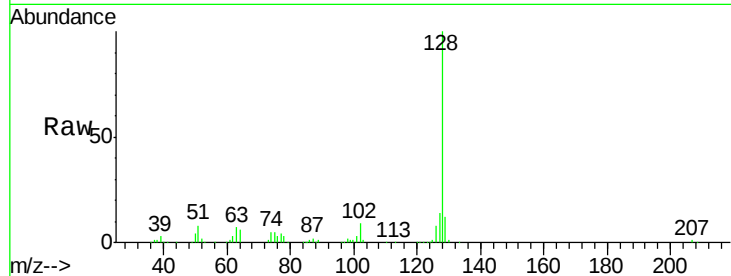
ClientSampleId :

VW0627SBSD01

Tot Ion:	128	Resp:	115462
Ion Ratio	Lower	Upper	
128	100		
127	13.7	10.5	15.7
129	11.1	8.9	13.3

Manual Integrations
APPROVED

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#96

1,2,3-Trichlorobenzene

Concen: 21.80 ug/l

RT: 15.57 min Scan# 2293

Delta R.T. -0.01 min

Lab File: VW003581.D

Acq: 26 Jun 2018 21:31

Tgt Ion:	180	Resp:	59328
Ion Ratio	Lower	Upper	
180	100		
182	95.2	47.9	143.6
145	31.9	15.8	47.4

