

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062718\
 Data File : VW003580.D
 Acq On : 26 Jun 2018 21:05
 Operator : SY/AP
 Sample : VW0626SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0627SBS01

Manual Integrations
 APPROVED

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 6/27/2018 11:46:51 AM

Quant Time: Jun 27 07:57:10 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	196472	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	309610	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	290907	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	157054	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	120125	56.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.90%	
35) Dibromofluoromethane	7.88	113	103183	53.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.26%	
50) Toluene-d8	10.33	98	413709	54.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.46%	
62) 4-Bromofluorobenzene	12.62	95	148334	54.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	12755	21.47	ug/l	92
3) Chloromethane	2.21	50	32263	21.50	ug/l	95
4) Vinyl Chloride	2.36	62	45364	20.74	ug/l	97
5) Bromomethane	2.78	94	30567	21.02	ug/l	96
6) Chloroethane	2.92	64	31429	20.64	ug/l	98
7) Trichlorofluoromethane	3.25	101	27939	21.32	ug/l	100
8) Diethyl Ether	3.68	74	21956	22.80	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	40307	22.15	ug/l	98
10) Methyl Iodide	4.26	142	58956	21.42	ug/l	99
11) Tert butyl alcohol	5.23	59	13663	119.71	ug/l	99
12) 1,1-Dichloroethene	4.03	96	39358	22.13	ug/l	95
13) Acrolein	3.90	56	12976	79.52	ug/l	99
14) Allyl chloride	4.66	41	68534	22.25	ug/l	98
15) Acrylonitrile	5.38	53	48801	123.19	ug/l	98
16) Acetone	4.15	43	48970	109.72	ug/l	92
17) Carbon Disulfide	4.37	76	114026	21.69	ug/l	98
18) Methyl Acetate	4.68	43	24352	23.00	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	76292	22.90	ug/l	99
20) Methylene Chloride	4.90	84	55793	27.80	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	43487	22.47	ug/l	98
22) Diisopropyl ether	6.31	45	144955	23.38	ug/l	95
23) Vinyl Acetate	6.26	43	414239	115.94	ug/l	99
24) 1,1-Dichloroethane	6.21	63	85089	23.12	ug/l	99
25) 2-Butanone	7.18	43	67145	120.98	ug/l	93
26) 2,2-Dichloropropane	7.17	77	51260	20.87	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	47035	22.12	ug/l	96
28) Bromochloromethane	7.51	49	32902	21.48	ug/l	96
29) Tetrahydrofuran	7.54	42	41868	123.43	ug/l	98
30) Chloroform	7.68	83	87875	23.43	ug/l	99
31) Cyclohexane	7.95	56	72881	21.19	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	70587	22.80	ug/l	99
36) 1,1-Dichloropropene	8.09	75	67616	22.61	ug/l	98
37) Ethyl Acetate	7.26	43	29654	23.94	ug/l	100
38) Carbon Tetrachloride	8.07	117	64592	22.02	ug/l	98

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Manual Integrations
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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)
39) Methylcyclohexane	9.34	83	72030	20.82	ug/l	94
40) Benzene	8.32	78	188174	22.83	ug/l	97
41) Methacrylonitrile	7.49	41	18137	23.86	ug/l	98
42) 1,2-Dichloroethane	8.40	62	60671	23.50	ug/l	99
43) Isopropyl Acetate	8.43	43	56724	23.06	ug/l	99
44) Trichloroethene	9.09	130	48567	22.24	ug/l	99
45) 1,2-Dichloropropane	9.37	63	48929	23.32	ug/l	97
46) Dibromomethane	9.46	93	25158	23.42	ug/l	98
47) Bromodichloromethane	9.65	83	62992	22.87	ug/l	99
48) Methyl methacrylate	9.44	41	27618	23.89	ug/l	97
49) 1,4-Dioxane	9.49	88	7540	464.80	ug/l	87
51) 4-Methyl-2-Pentanone	10.21	43	153167	122.21	ug/l	99
52) Toluene	10.39	92	121196	22.93	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	61609	21.90	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	70440	22.00	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	35379	23.37	ug/l	94
56) Ethyl methacrylate	10.65	69	40786	22.19	ug/l	97
57) 1,3-Dichloropropane	10.93	76	61212	23.44	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	96911	117.59	ug/l	97
59) 2-Hexanone	10.98	43	104542	119.40	ug/l	99
60) Dibromochloromethane	11.13	129	40790	22.66	ug/l	98
61) 1,2-Dibromoethane	11.24	107	33652	23.50	ug/l	98
64) Tetrachloroethene	10.87	164	43509	22.36	ug/l	96
65) Chlorobenzene	11.66	112	131993	21.79	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	45808	21.52	ug/l	99
67) Ethyl Benzene	11.74	91	229878	21.41	ug/l	99
68) m/p-Xylenes	11.85	106	178329	43.69	ug/l	99
69) o-Xylene	12.17	106	81435	21.53	ug/l	98
70) Styrene	12.19	104	137574	21.85	ug/l	99
71) Bromoform	12.35	173	23867	21.63	ug/l #	99
73) Isopropylbenzene	12.47	105	226640	20.75	ug/l	99
74) N-amyl acetate	12.28	43	55797	22.44	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	42750	23.13	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	29675m	22.10	ug/l	
77) Bromobenzene	12.76	156	54399	21.38	ug/l	97
78) n-propylbenzene	12.81	91	285786	21.37	ug/l	100
79) 2-Chlorotoluene	12.90	91	164738	21.79	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	196397	21.42	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	11904	20.40	ug/l	90
82) 4-Chlorotoluene	12.99	91	172406	21.50	ug/l	100
83) tert-Butylbenzene	13.21	119	163898	20.97	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	205203	21.76	ug/l	100
85) sec-Butylbenzene	13.39	105	245874	21.17	ug/l	100
86) p-Isopropyltoluene	13.51	119	215645	21.05	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	112828	21.59	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	112862	21.72	ug/l	98
89) n-Butylbenzene	13.83	91	206527	20.68	ug/l	100
90) Hexachloroethane	14.10	117	38804	20.94	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	101684	22.21	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7393	23.77	ug/l	95

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ClientSampleId :
VW0627SBS01

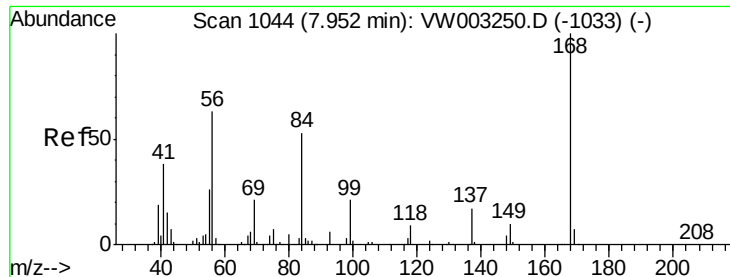
Manual Integrations
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6/27/2018 11:46:51 AM

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Quant Method : Z:\V0ASRV\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)
93) 1,2,4-Trichlorobenzene	15.15	180	69462	21.61	ug/l	98
94) Hexachlorobutadiene	15.25	225	40899	21.16	ug/l	98
95) Naphthalene	15.38	128	119274	21.88	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	61574	21.77	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: VW003580.D

Acq: 26 Jun 2018 21:05

Instrument :

MSVOA_W

ClientSampleId :

VW0627SBS01

Tot Ion:168 Resp: 196472

Ion Ratio Lower Upper

168 100

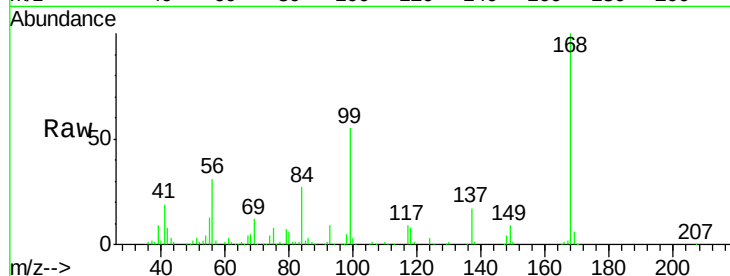
99 55.2 45.5 68.3

Manual Integrations

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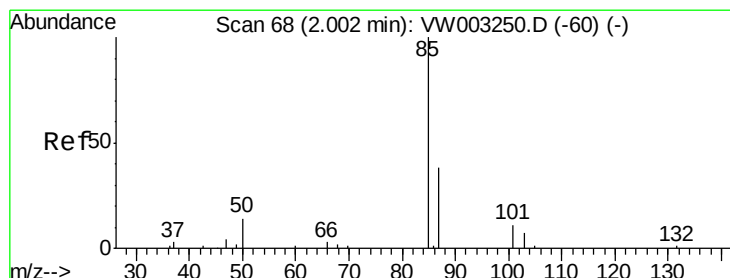
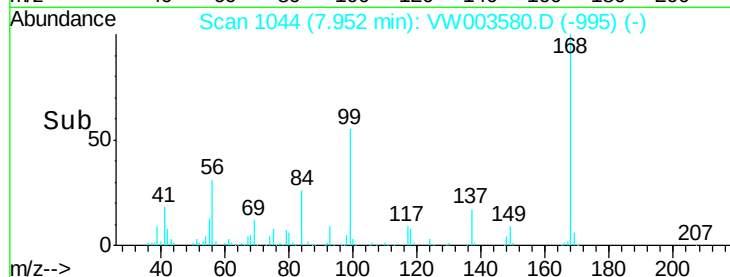
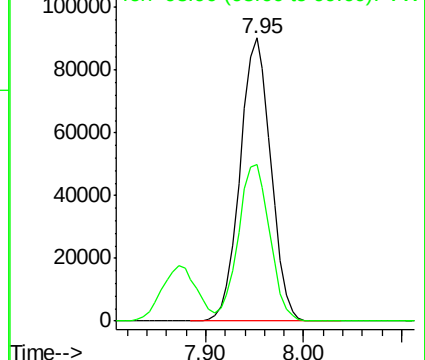
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 21.47 ug/l

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW003580.D

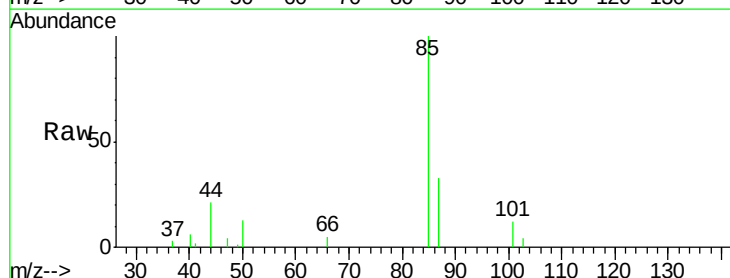
Acq: 26 Jun 2018 21:05

Tgt Ion: 85 Resp: 12755

Ion Ratio Lower Upper

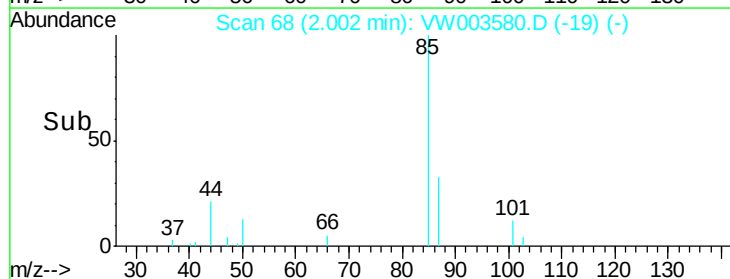
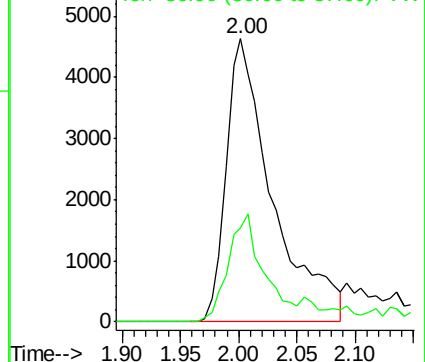
85 100

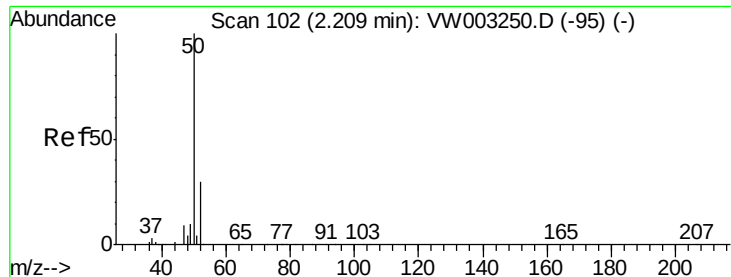
87 33.3 18.9 56.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 21.50 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW003580.D

Acq: 26 Jun 2018 21:05

Instrument :

MSVOA_W

ClientSampleId :

VW0627SBS01

Tot Ion: 50 Resp: 32263

Ion Ratio Lower Upper

50 100

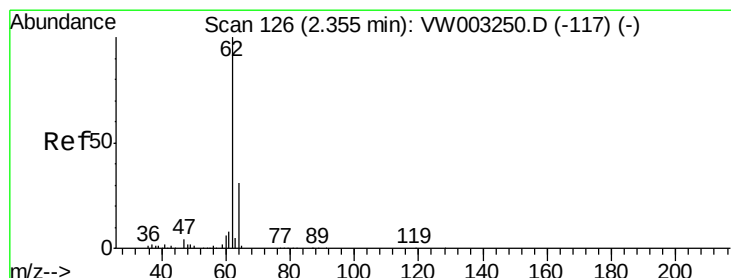
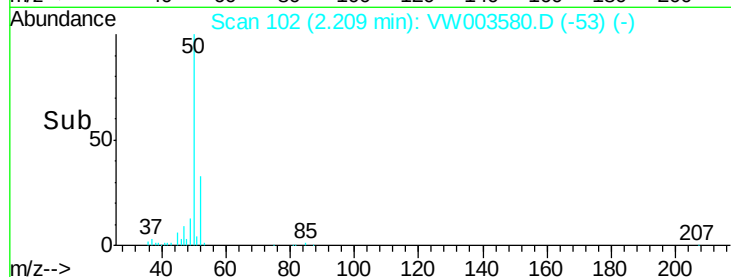
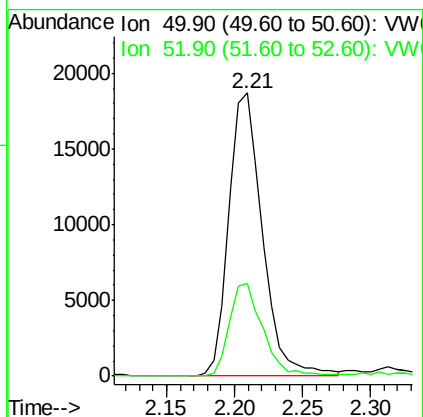
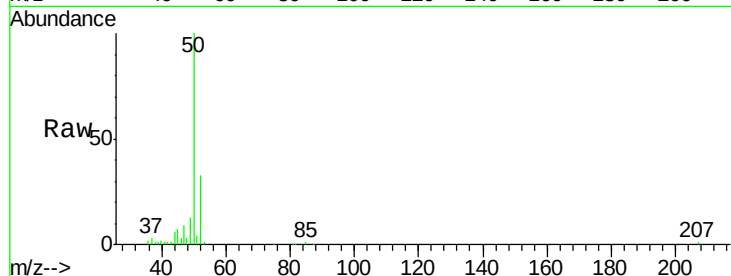
52 32.7 24.2 36.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.74 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW003580.D

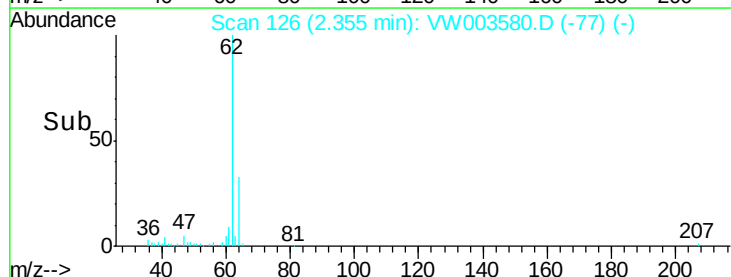
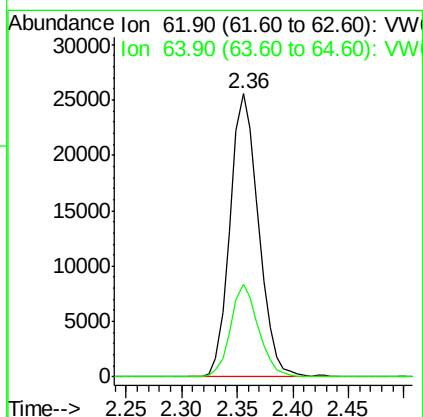
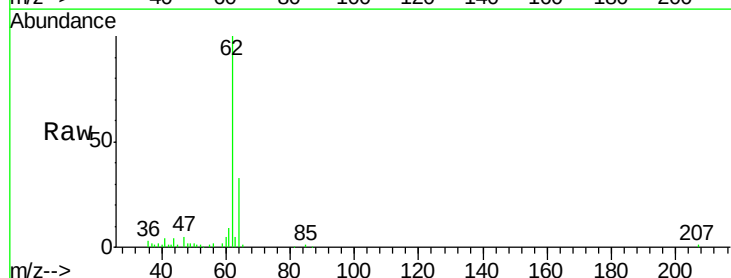
Acq: 26 Jun 2018 21:05

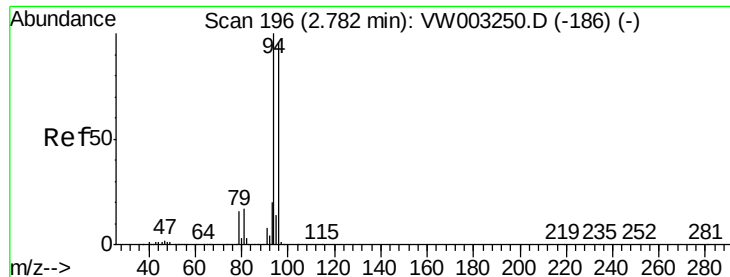
Tgt Ion: 62 Resp: 45364

Ion Ratio Lower Upper

62 100

64 32.8 24.9 37.3





#5

Bromomethane

Concen: 21.02 ug/l

RT: 2.78 min Scan# 195

Delta R.T. -0.01 min

Lab File: VW003580.D

Acq: 26 Jun 2018 21:05

Instrument :

MSVOA_W

ClientSampleId :

VW0627SBS01

Tot Ion: 94 Resp: 30567

Ion Ratio Lower Upper

94 100

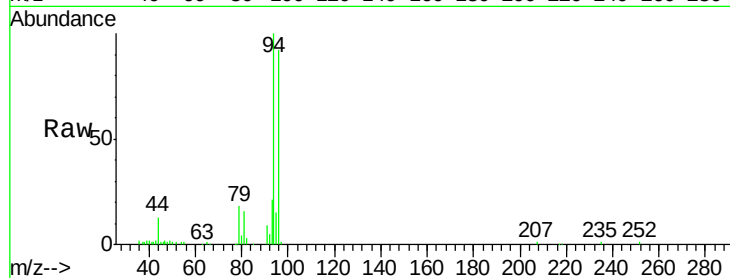
96 92.1 76.5 114.7

Manual Integrations

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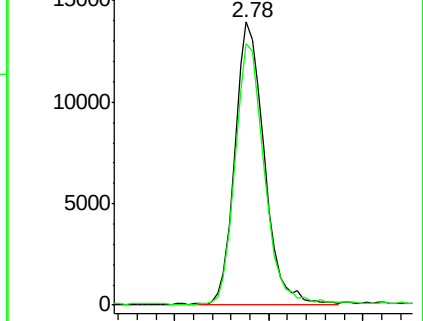
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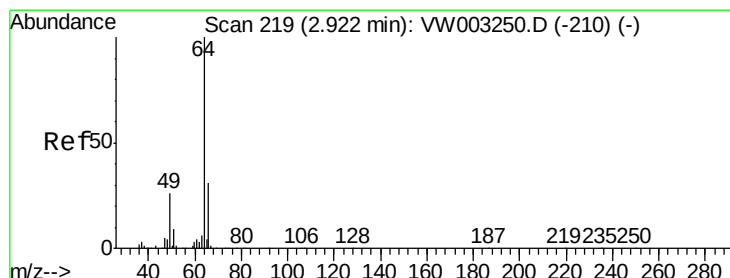
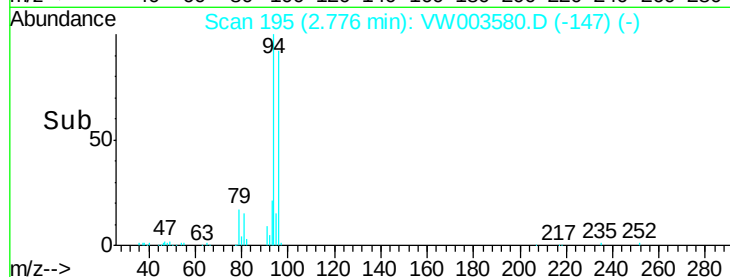


Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



Time-->



#6

Chloroethane

Concen: 20.64 ug/l

RT: 2.92 min Scan# 218

Delta R.T. -0.01 min

Lab File: VW003580.D

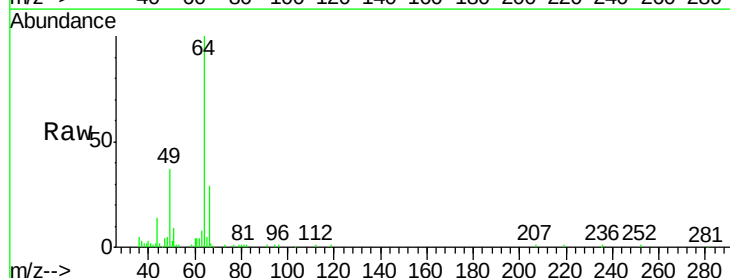
Acq: 26 Jun 2018 21:05

Tgt Ion: 64 Resp: 31429

Ion Ratio Lower Upper

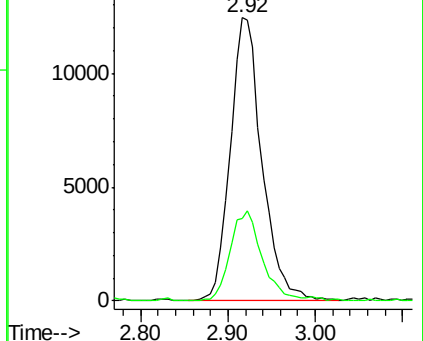
64 100

66 29.3 24.4 36.6

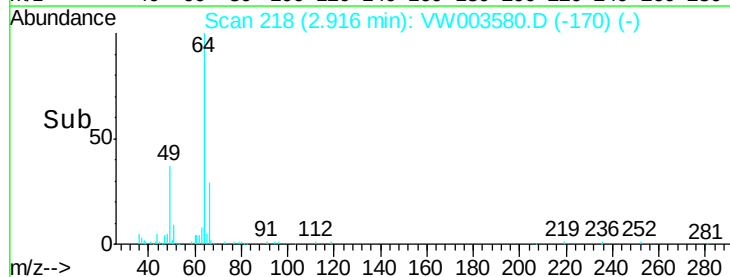


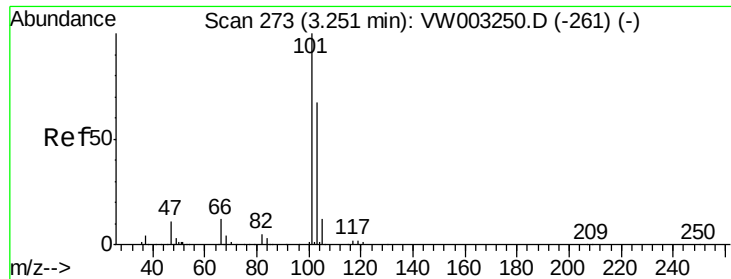
Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



Time-->





#7

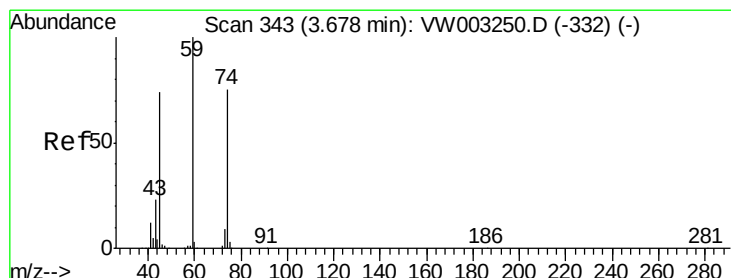
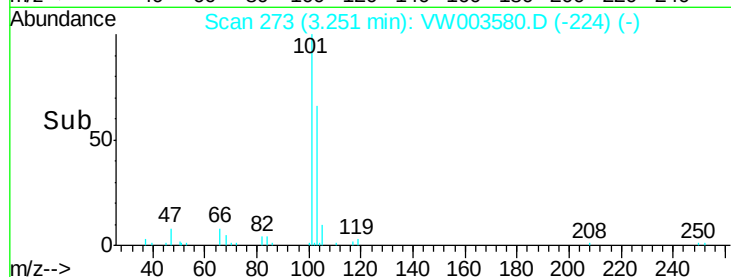
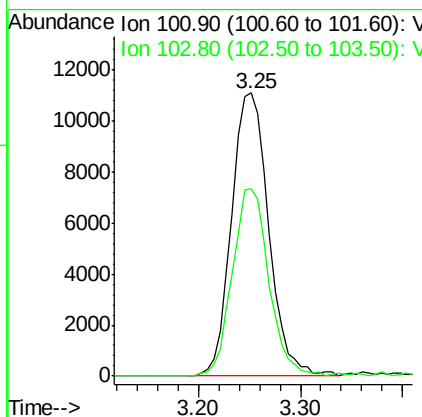
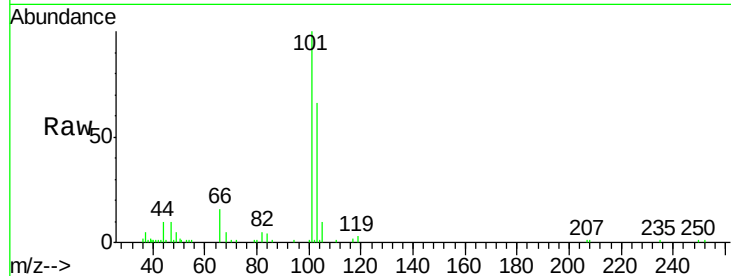
Trichlorofluoromethane
Concen: 21.32 ug/l
RT: 3.25 min Scan# 273
Delta R.T. 0.00 min
Lab File: VW003580.D
Acq: 26 Jun 2018 21:05

Instrument :
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VW0627SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.4	53.4	80.0

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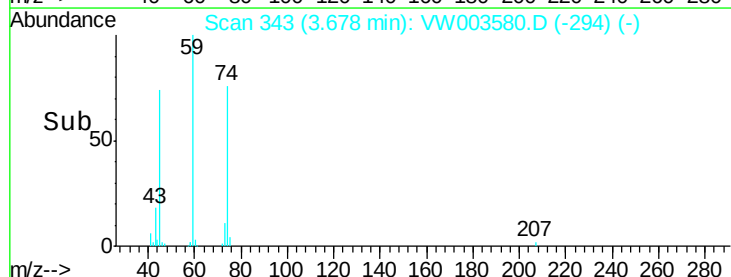
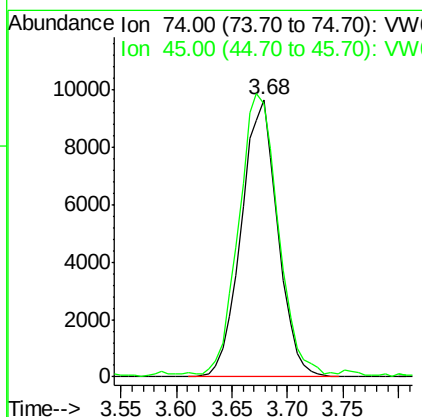
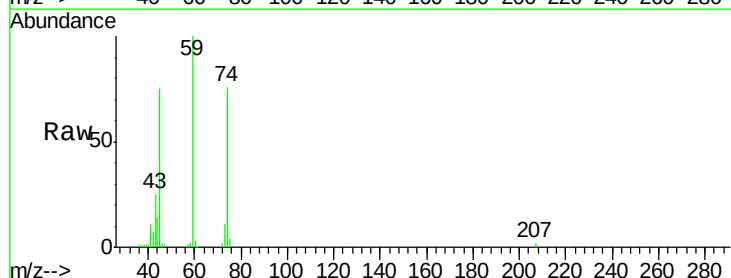
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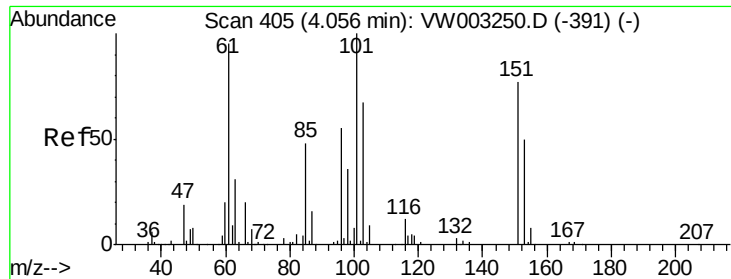


#8

Diethyl Ether
Concen: 22.80 ug/l
RT: 3.68 min Scan# 343
Delta R.T. 0.00 min
Lab File: VW003580.D
Acq: 26 Jun 2018 21:05

Tgt Ion	Ratio	Lower	Upper
74	100		
45	107.8	51.4	154.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.15 ug/l

RT: 4.06 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW003580.D

Acq: 26 Jun 2018 21:05

Instrument :

MSVOA_W

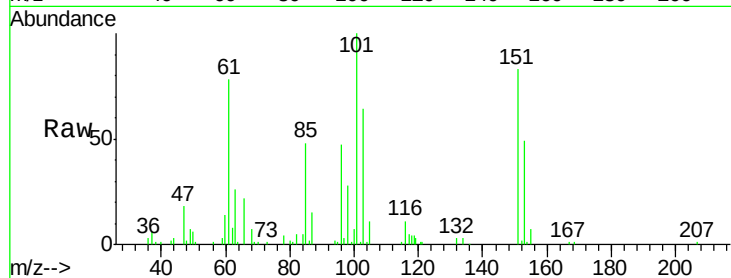
ClientSampled :

VW0627SBS01

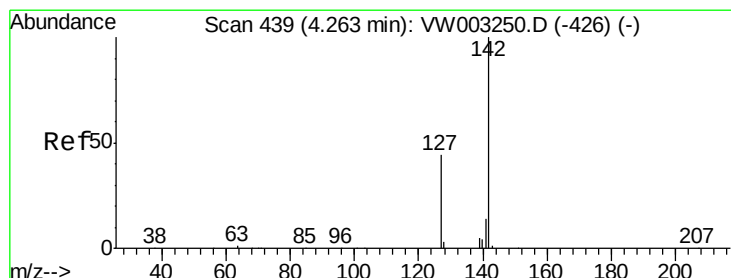
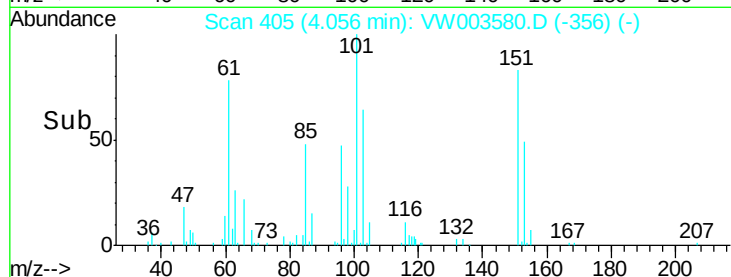
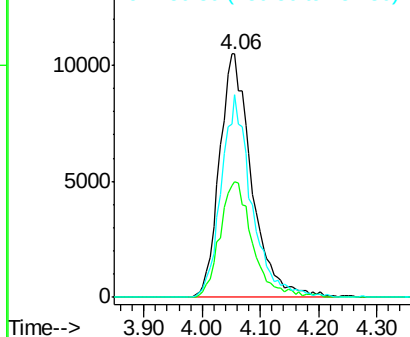
Tot Ion:	101	Resp:	40307
Ion Ratio	Lower	Upper	
101	100		
85	47.7	37.0	55.6
151	77.7	63.3	94.9

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 21.42 ug/l

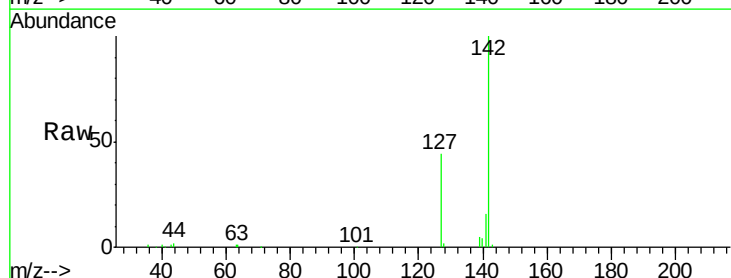
RT: 4.26 min Scan# 438

Delta R.T. -0.01 min

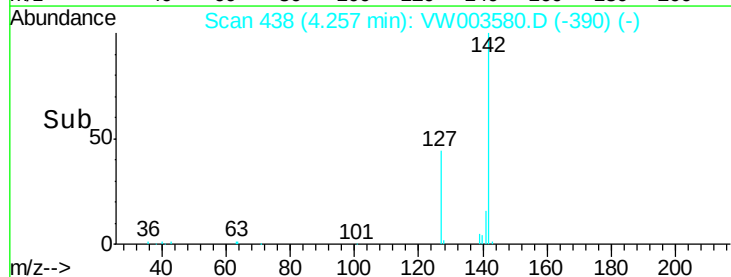
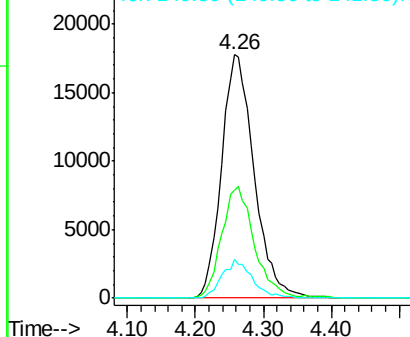
Lab File: VW003580.D

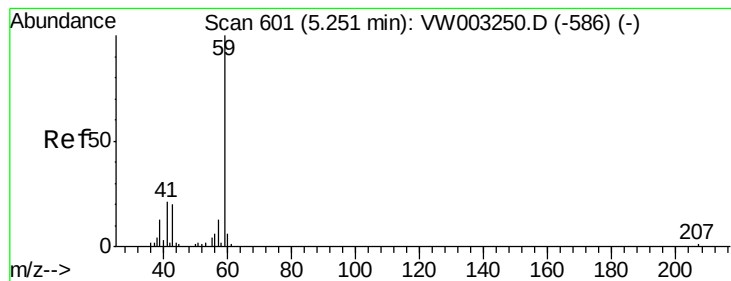
Acq: 26 Jun 2018 21:05

Tgt Ion:	142	Resp:	58956
Ion Ratio	Lower	Upper	
142	100		
127	46.0	36.5	54.7
141	14.6	12.1	18.1



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

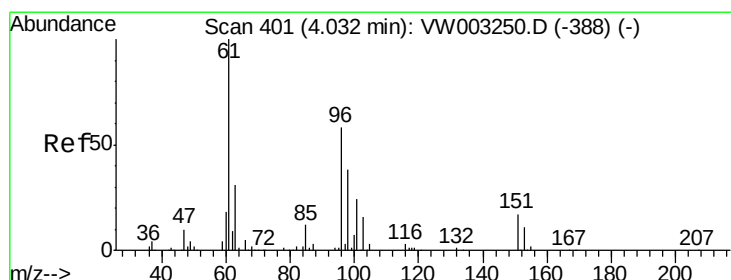
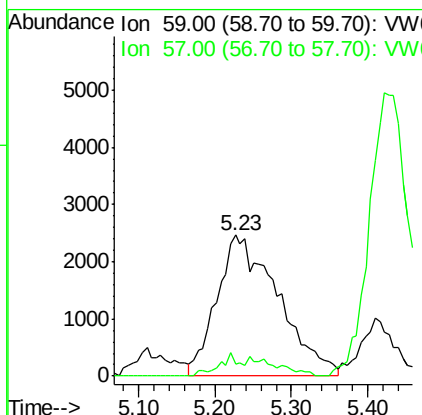
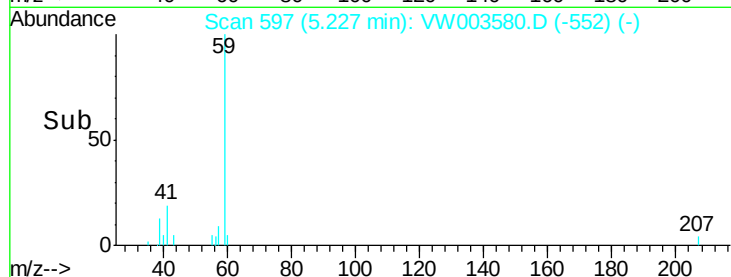
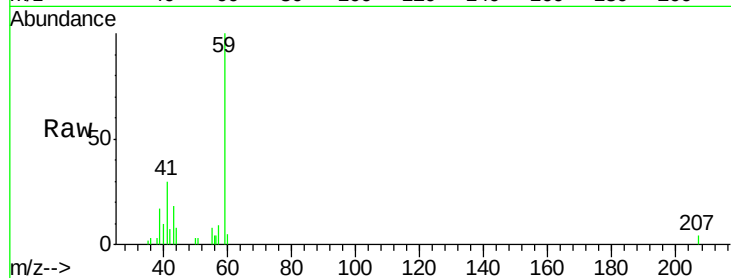
Tert butyl alcohol
Concen: 119.71 ug/l
RT: 5.23 min Scan# 597
Delta R.T. -0.02 min
Lab File: VW003580.D
Acq: 26 Jun 2018 21:05

Instrument :
MSVOA_W
ClientSampled :
VW0627SBS01

Tot Ion	59	57	Ratio	100	5.5	Resp	13663	Lower	4.2	Upper	6.2
Ion	59	57	Ratio	100	5.5	Resp	13663	Lower	4.2	Upper	6.2

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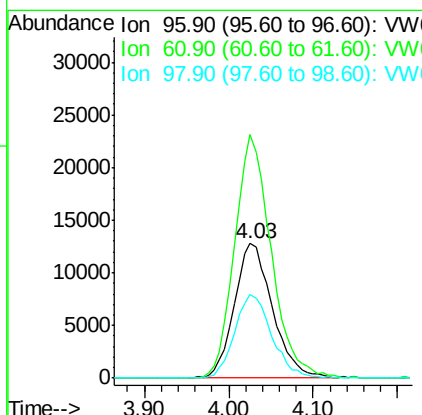
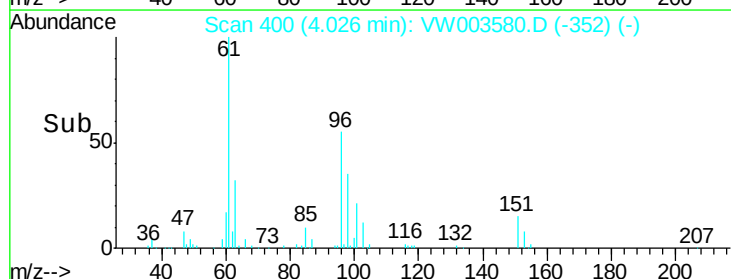
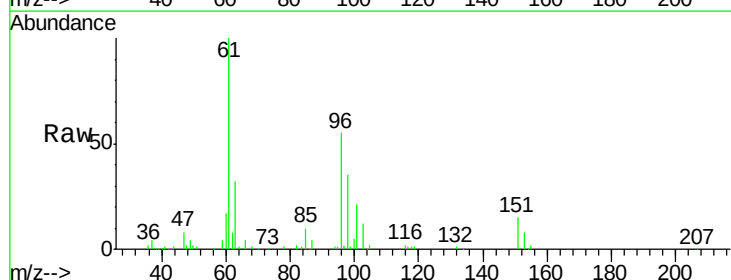
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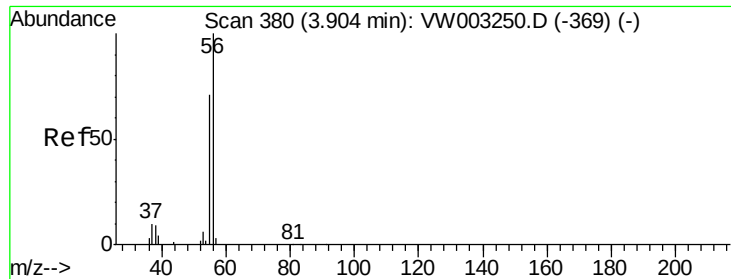


#12

1,1-Dichloroethene
Concen: 22.13 ug/l
RT: 4.03 min Scan# 400
Delta R.T. -0.01 min
Lab File: VW003580.D
Acq: 26 Jun 2018 21:05

Tgt Ion	96	61	98	Ratio	100	181.3	62.6	Resp	39358	Lower	139.0	53.3	Upper	208.4	79.9
Ion	96	61	98	Ratio	100	181.3	62.6	Resp	39358	Lower	139.0	53.3	Upper	208.4	79.9





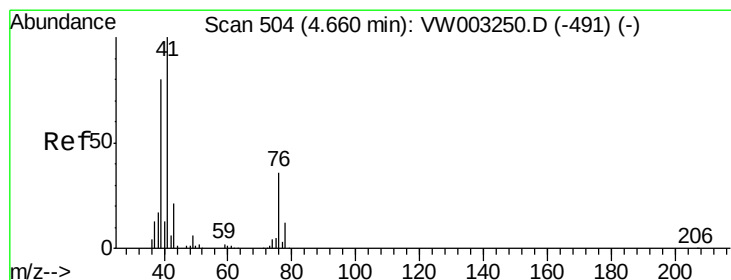
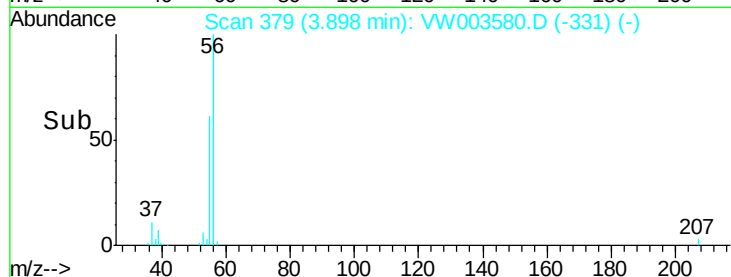
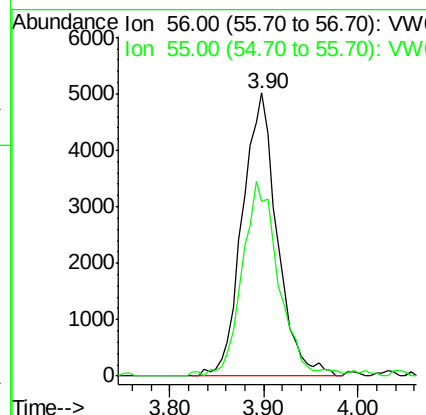
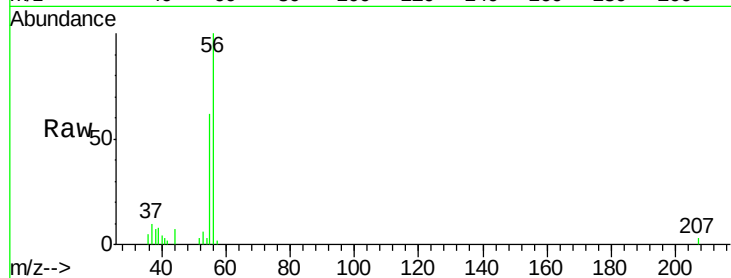
#13
Acrolein
Concen: 79.52 ug/l
RT: 3.90 min Scan# 379
Delta R.T. -0.01 min
Lab File: VW003580.D
Acq: 26 Jun 2018 21:05

Instrument :
MSVOA_W
ClientSampleId :
VW0627SBS01

Tot Ion	Ion	Ratio	Lower	Upper
56	56	100		
55	55	70.5	55.4	83.2

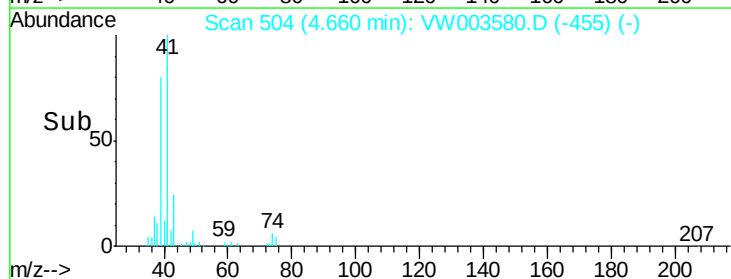
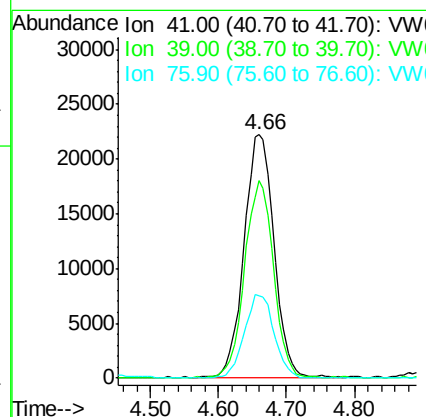
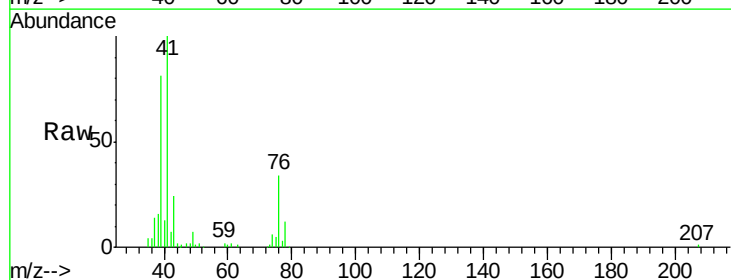
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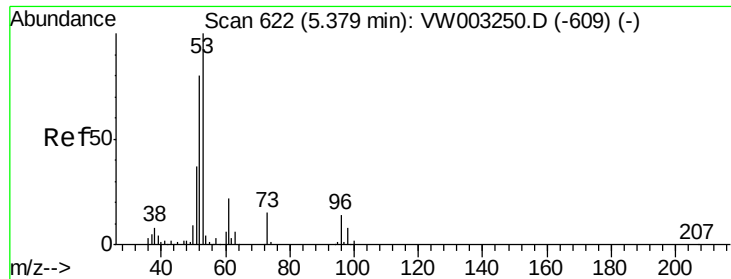
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#14
Allyl chloride
Concen: 22.25 ug/l
RT: 4.66 min Scan# 504
Delta R.T. 0.00 min
Lab File: VW003580.D
Acq: 26 Jun 2018 21:05

Tgt Ion	Ion	Ratio	Lower	Upper
41	41	100		
39	39	77.9	63.2	94.8
76	76	33.6	28.0	42.0





#15

Acrylonitrile

Concen: 123.19 ug/l

RT: 5.38 min Scan# 622

Delta R.T. 0.00 min

Lab File: VW003580.D

Acq: 26 Jun 2018 21:05

Instrument :

MSVOA_W

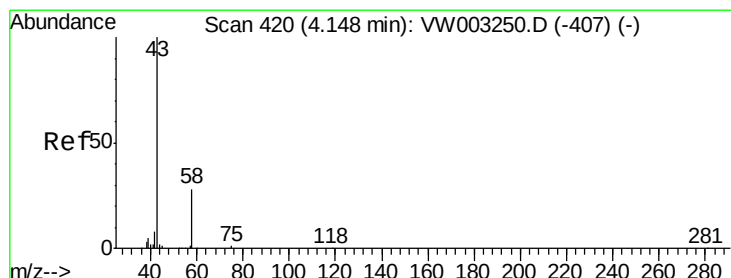
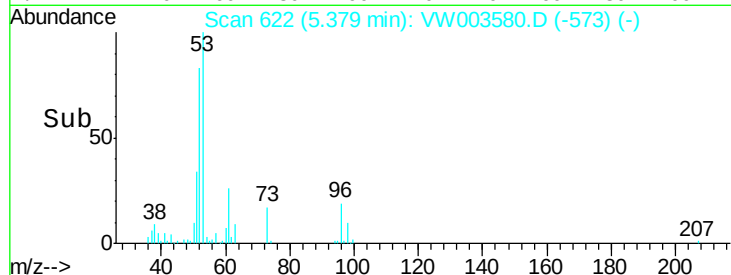
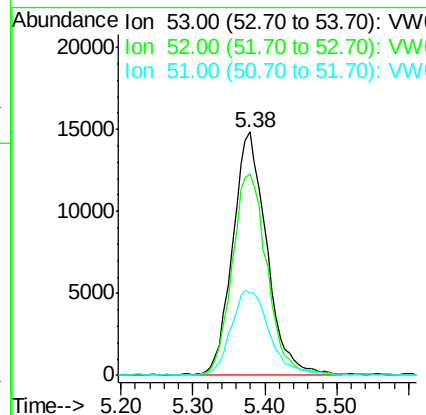
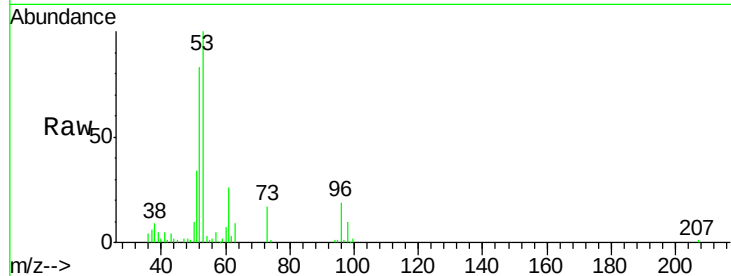
ClientSampled :

VW0627SBS01

Tot Ion:	53	Resp:	48801
Ion Ratio	Lower	Upper	
53	100		
52	85.1	66.6	100.0
51	39.4	30.6	46.0

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#16

Acetone

Concen: 109.72 ug/l

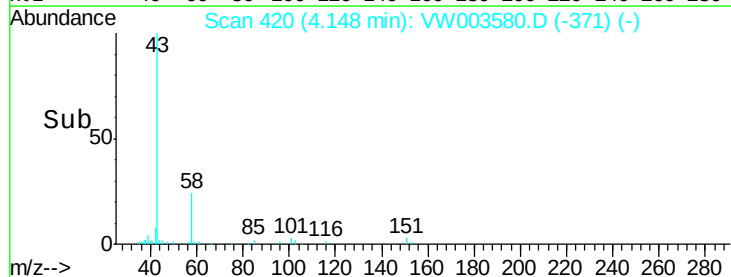
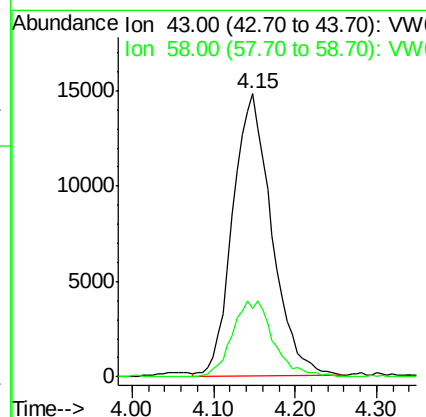
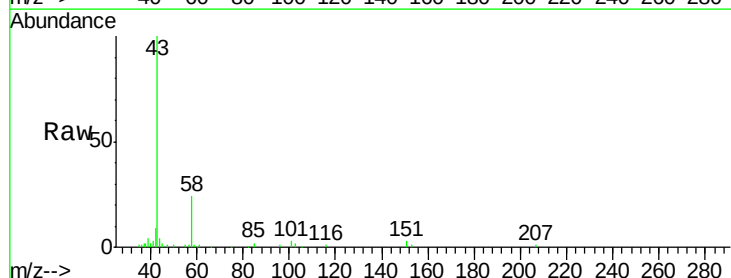
RT: 4.15 min Scan# 420

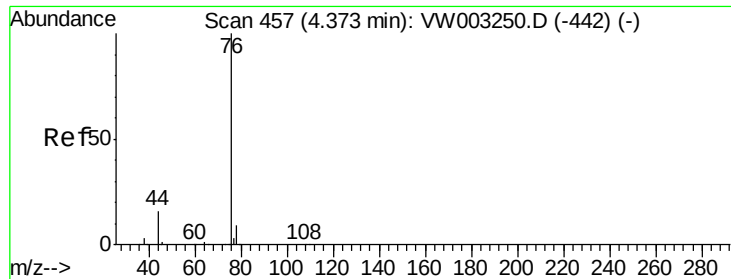
Delta R.T. 0.00 min

Lab File: VW003580.D

Acq: 26 Jun 2018 21:05

Tgt Ion:	43	Resp:	48970
Ion Ratio	Lower	Upper	
43	100		
58	24.3	22.6	34.0





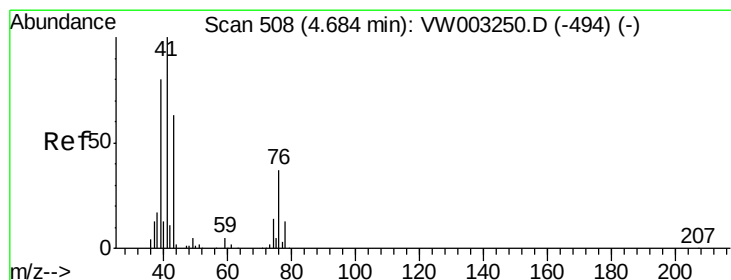
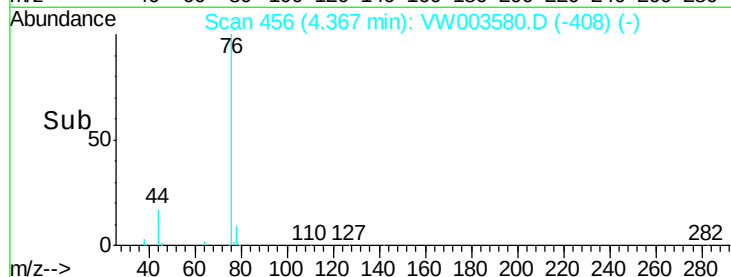
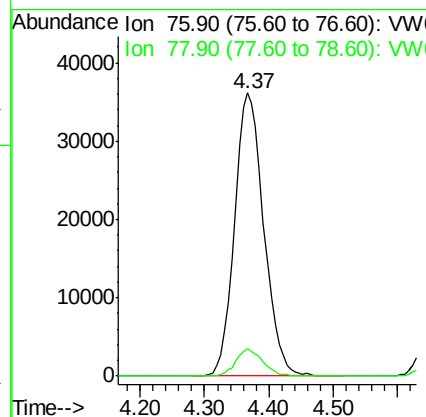
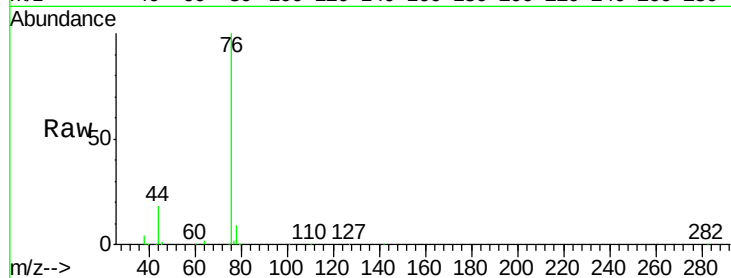
#17
Carbon Disulfide
Concen: 21.69 ug/l
RT: 4.37 min Scan# 456
Delta R.T. -0.01 min
Lab File: VW003580.D
Acq: 26 Jun 2018 21:05

Instrument :
MSVOA_W
ClientSampleId :
VW0627SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.1	10.7

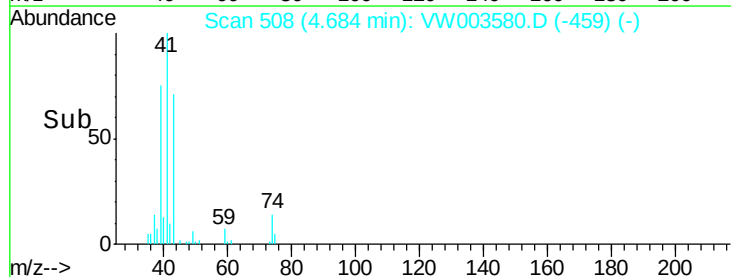
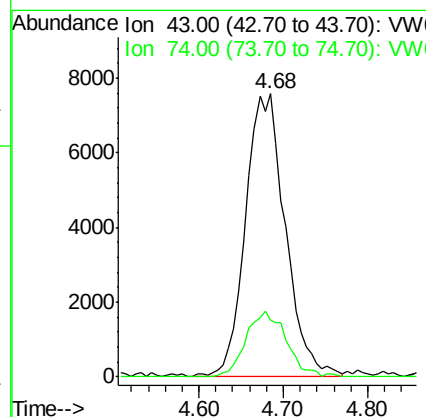
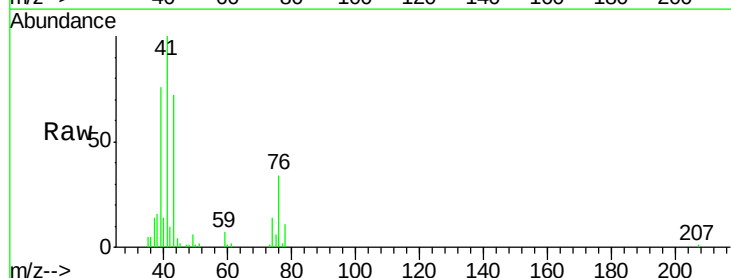
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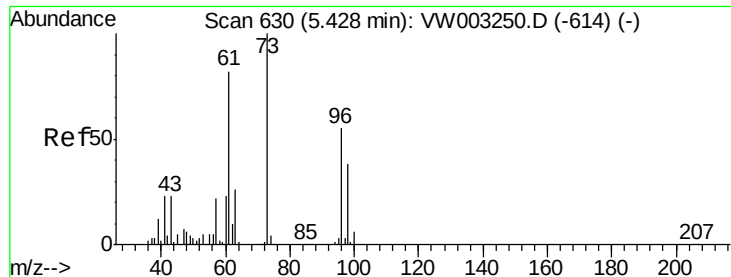
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#18
Methyl Acetate
Concen: 23.00 ug/l
RT: 4.68 min Scan# 508
Delta R.T. 0.00 min
Lab File: VW003580.D
Acq: 26 Jun 2018 21:05

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.3	18.7	28.1





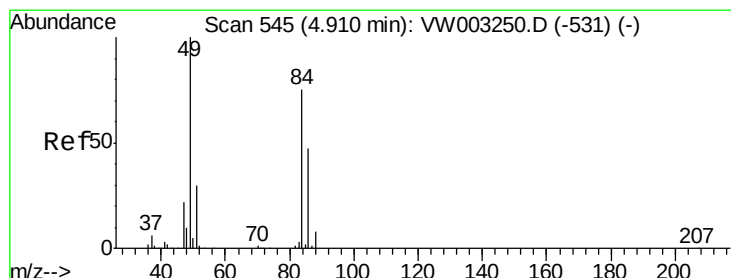
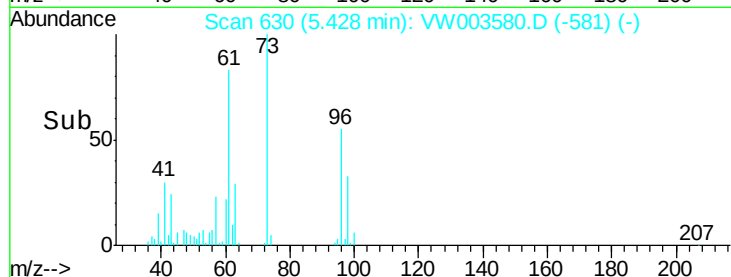
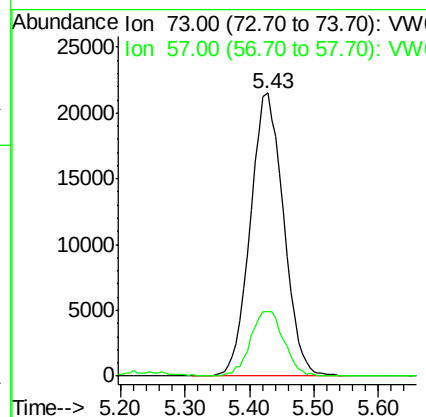
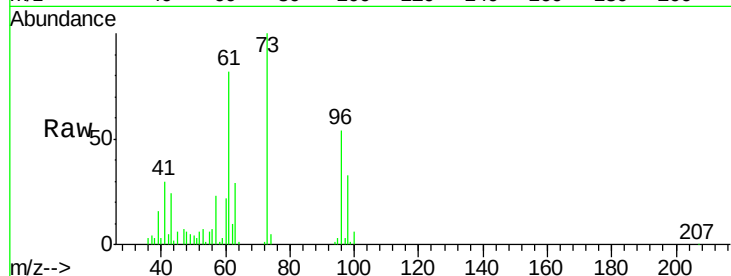
#19
Methyl tert-butyl Ether
Concen: 22.90 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.00 min
Lab File: VW003580.D
Acq: 26 Jun 2018 21:05

Instrument :
MSVOA_W
ClientSampled :
VW0627SBS01

Tot Ion: 73 Resp: 76292
Ion Ratio Lower Upper
73 100
57 22.8 18.0 27.0

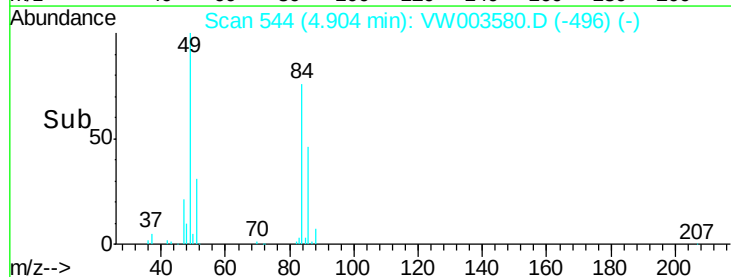
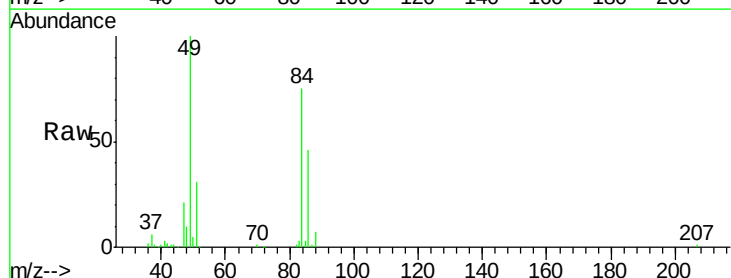
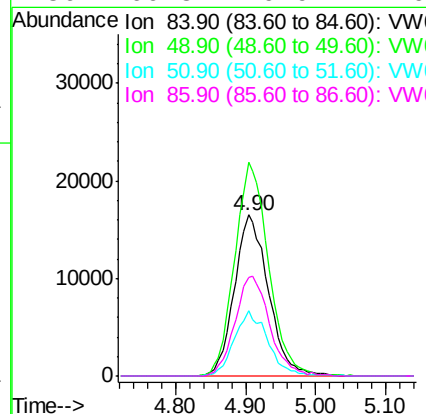
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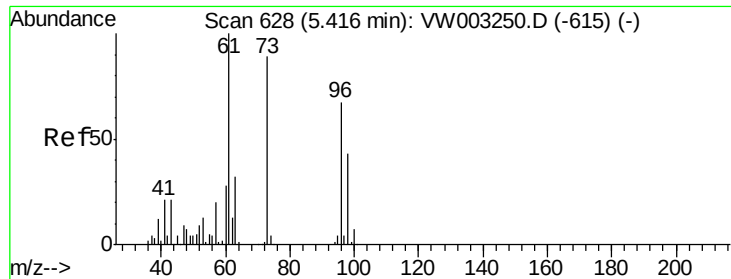
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#20
Methylene Chloride
Concen: 27.80 ug/l
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW003580.D
Acq: 26 Jun 2018 21:05

Tgt Ion: 84 Resp: 55793
Ion Ratio Lower Upper
84 100
49 132.5 106.3 159.5
51 40.6 32.0 48.0
86 60.8 49.9 74.9





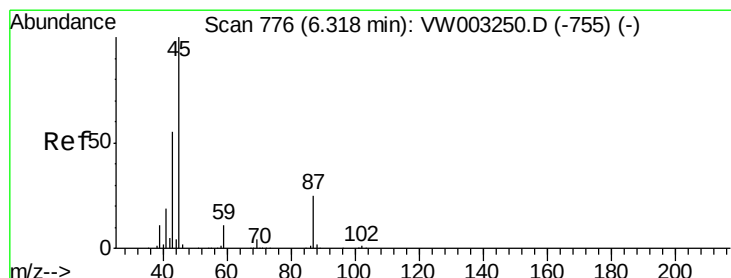
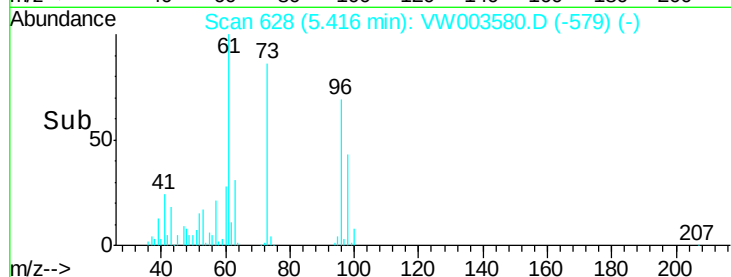
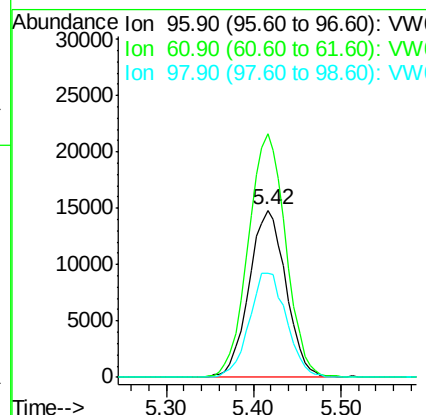
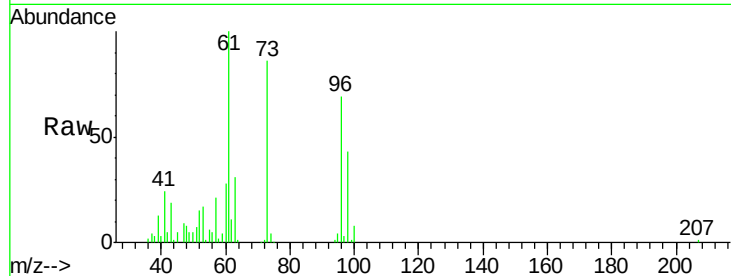
#21
trans-1,2-Dichloroethene
Concen: 22.47 ug/l
RT: 5.42 min Scan# 628
Delta R.T. 0.00 min
Lab File: VW003580.D
Acq: 26 Jun 2018 21:05

Instrument :
MSVOA_W
ClientSampled :
VW0627SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	145.8	118.7	178.1
98	62.7	51.0	76.6

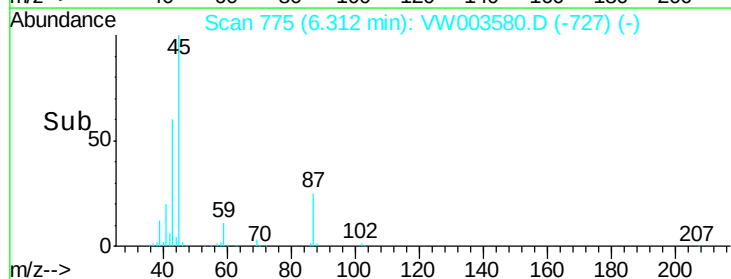
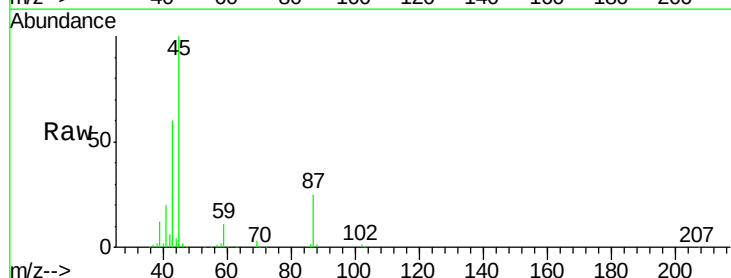
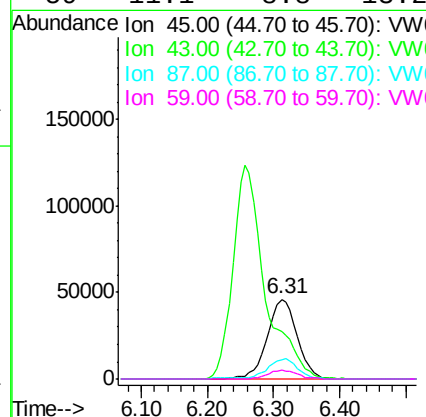
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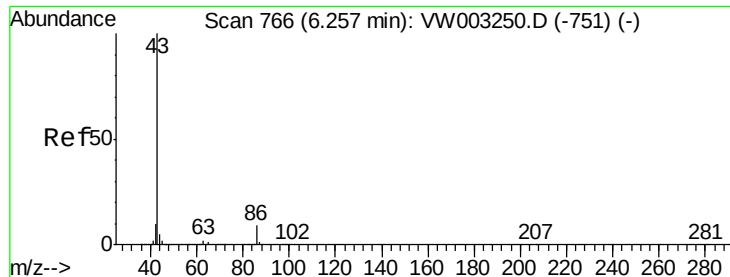
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#22
Diisopropyl ether
Concen: 23.38 ug/l
RT: 6.31 min Scan# 775
Delta R.T. -0.01 min
Lab File: VW003580.D
Acq: 26 Jun 2018 21:05

Tgt Ion	Ratio	Lower	Upper
45	100		
43	59.9	44.0	66.0
87	24.7	20.6	31.0
59	11.1	8.8	13.2





#23

Vinyl Acetate

Concen: 115.94 ug/l

RT: 6.26 min Scan# 766

Delta R.T. 0.00 min

Lab File: VW003580.D

Acq: 26 Jun 2018 21:05

Instrument :

MSVOA_W

ClientSampled :

VW0627SBS01

Tot Ion: 43 Resp: 414239

Ion Ratio Lower Upper

43 100

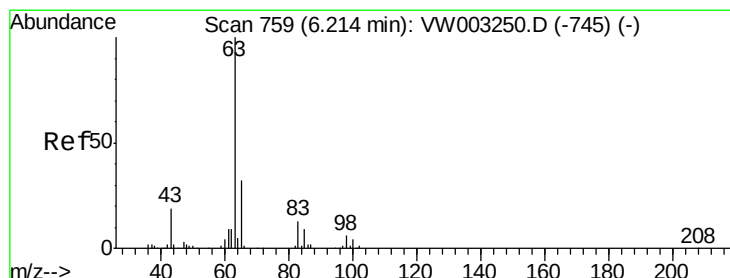
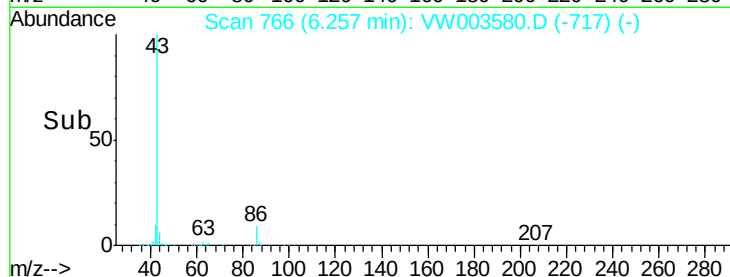
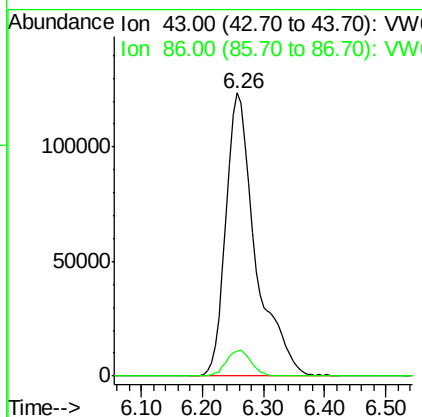
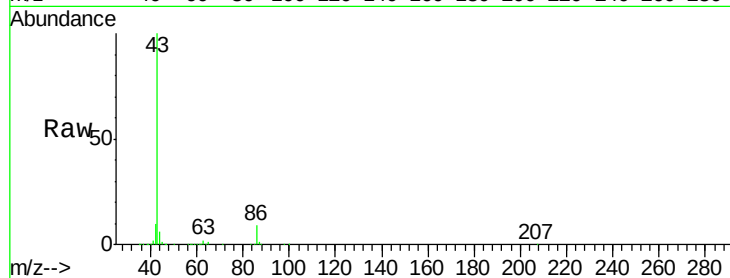
86 9.0 7.5 11.3

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#24

1,1-Dichloroethane

Concen: 23.12 ug/l

RT: 6.21 min Scan# 759

Delta R.T. 0.00 min

Lab File: VW003580.D

Acq: 26 Jun 2018 21:05

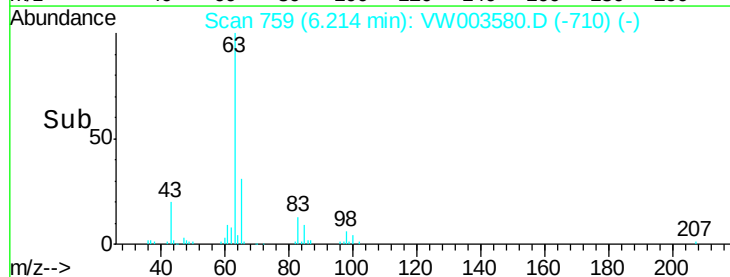
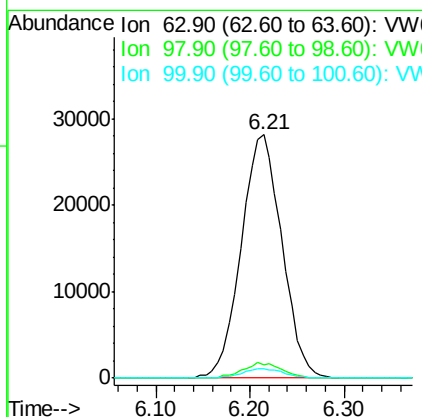
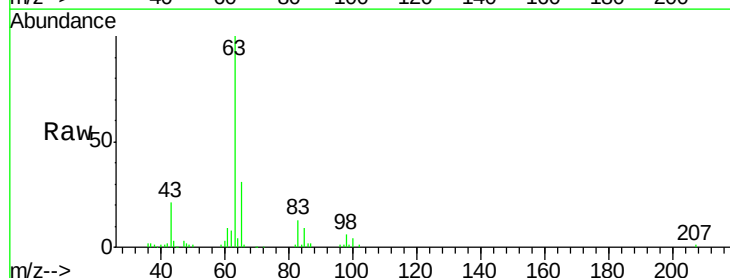
Tgt Ion: 63 Resp: 85089

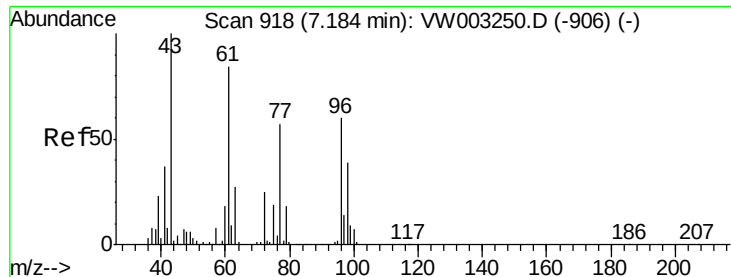
Ion Ratio Lower Upper

63 100

98 5.7 2.8 8.3

100 3.9 2.1 6.5





#25

2-Butanone

Concen: 120.98 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.00 min

Lab File: VW003580.D

Acq: 26 Jun 2018 21:05

Instrument :

MSVOA_W

ClientSampled :

VW0627SBS01

Tot Ion: 43 Resp: 67145

Ion Ratio Lower Upper

43 100

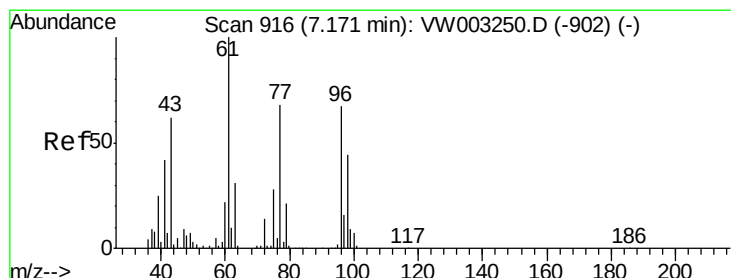
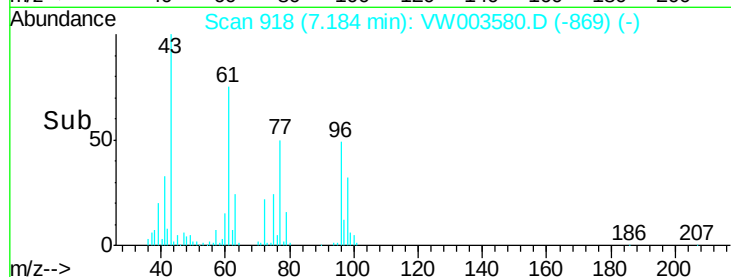
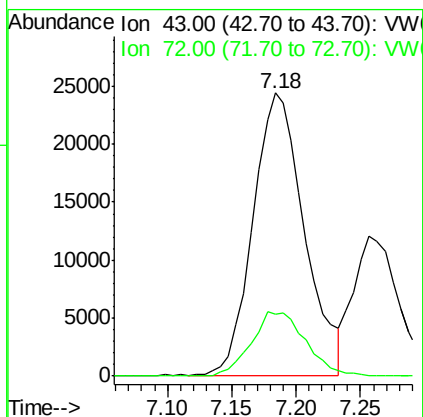
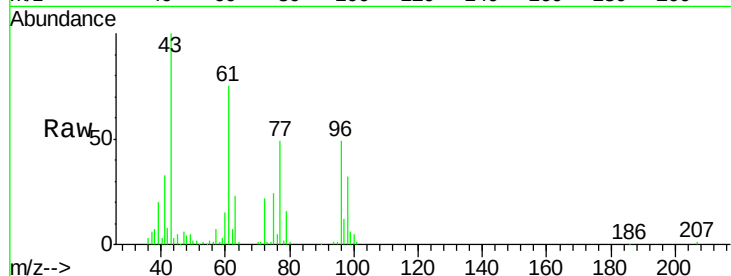
72 21.8 20.3 30.5

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#26

2,2-Dichloropropane

Concen: 20.87 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.01 min

Lab File: VW003580.D

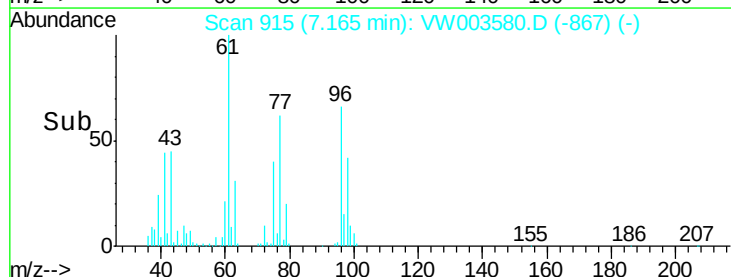
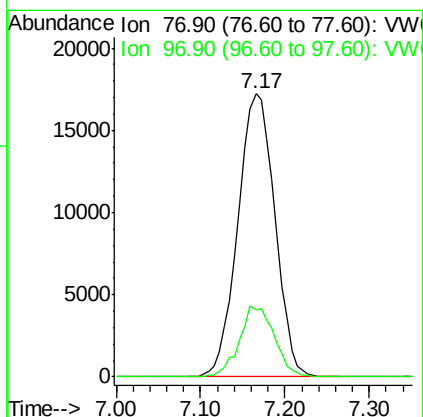
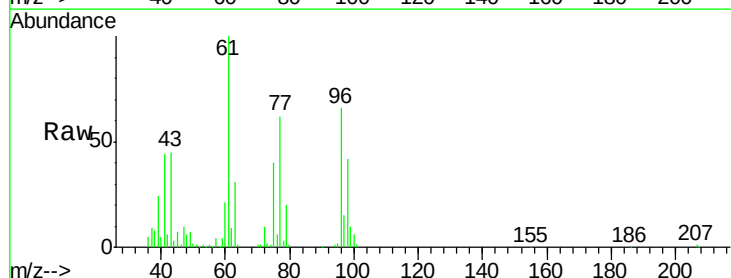
Acq: 26 Jun 2018 21:05

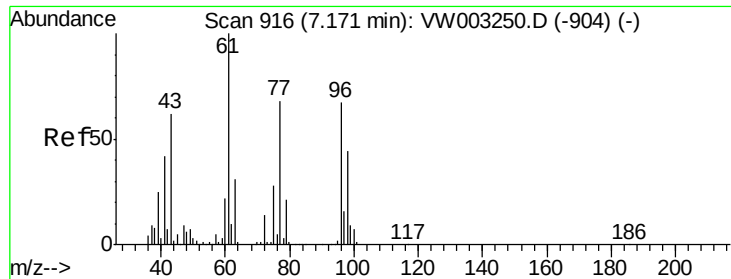
Tgt Ion: 77 Resp: 51260

Ion Ratio Lower Upper

77 100

97 23.4 11.3 33.9





#27

cis-1,2-Dichloroethene

Concen: 22.12 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.01 min

Lab File: VW003580.D

Acq: 26 Jun 2018 21:05

Instrument :

MSVOA_W

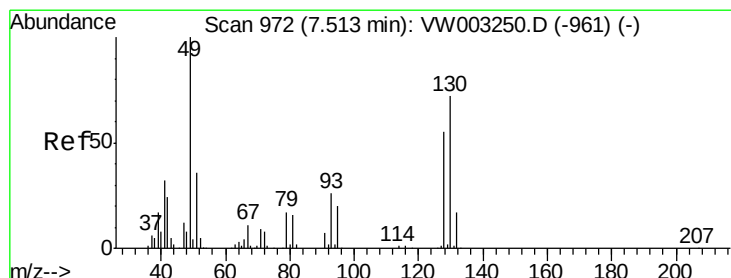
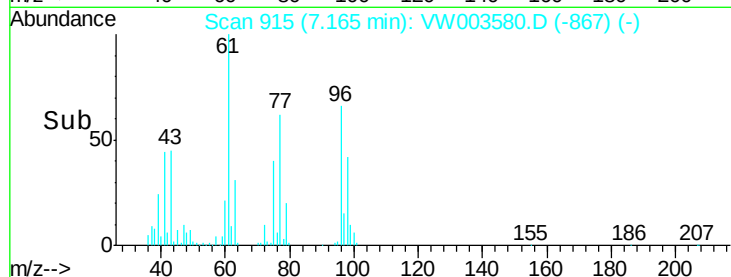
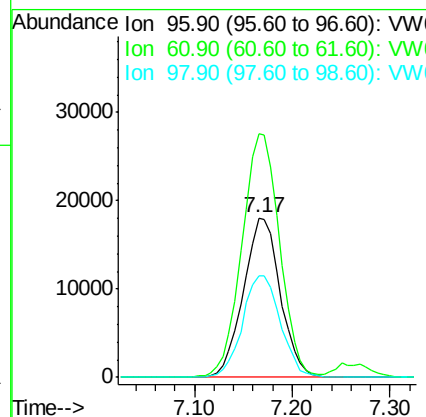
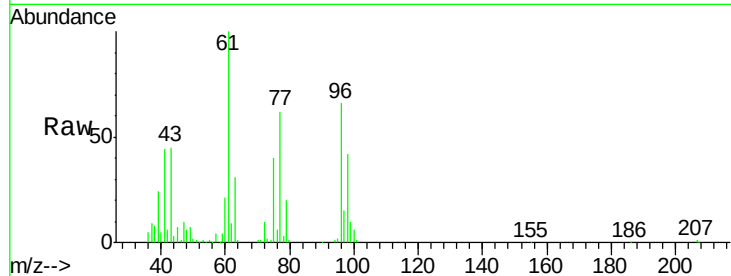
ClientSampled :

VW0627SBS01

Tot Ion:	96	Resp:	47035
Ion	Ratio	Lower	Upper
96	100		
61	156.3	0.0	298.8
98	65.6	0.0	130.4

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#28

Bromochloromethane

Concen: 21.48 ug/l

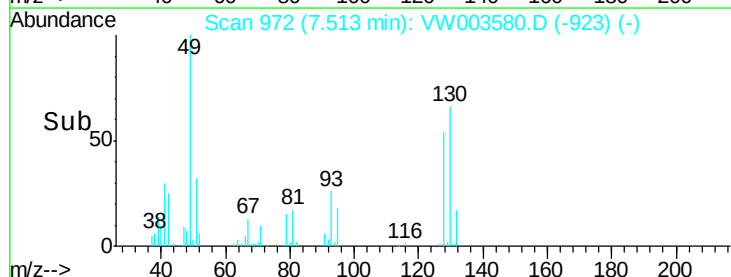
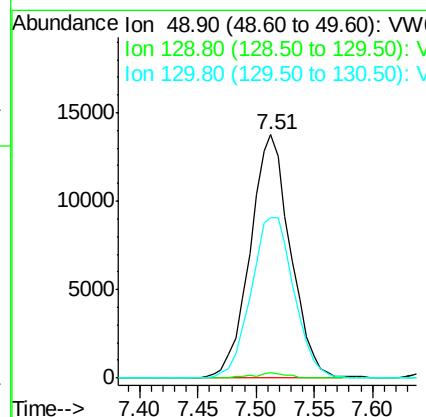
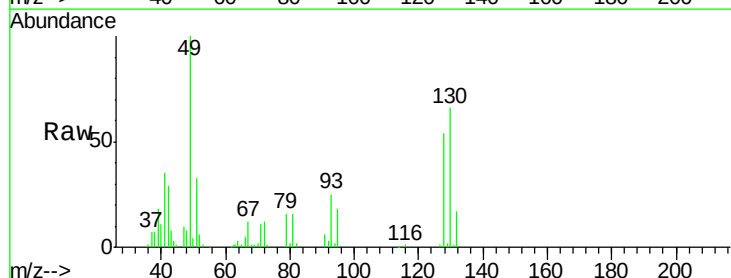
RT: 7.51 min Scan# 972

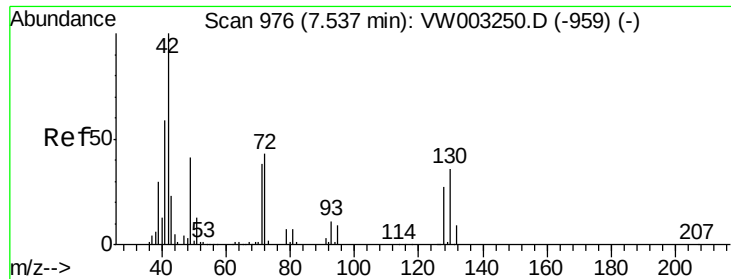
Delta R.T. 0.00 min

Lab File: VW003580.D

Acq: 26 Jun 2018 21:05

Tgt Ion:	49	Resp:	32902
Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	4.6
130	70.4	59.4	89.2





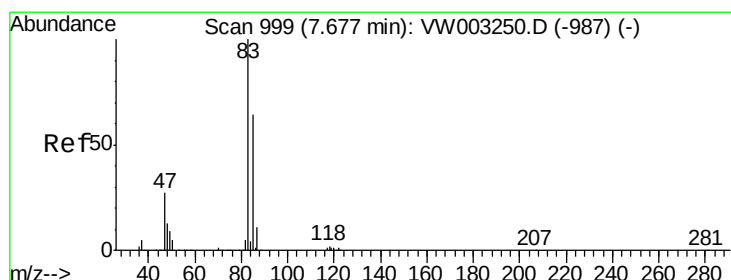
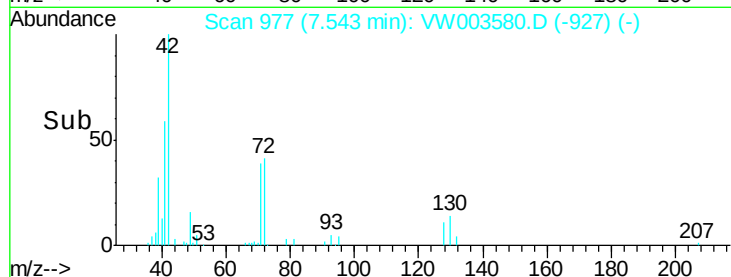
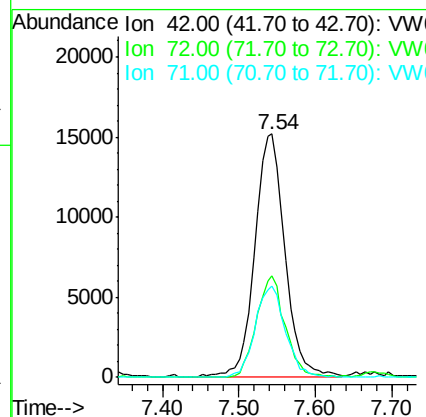
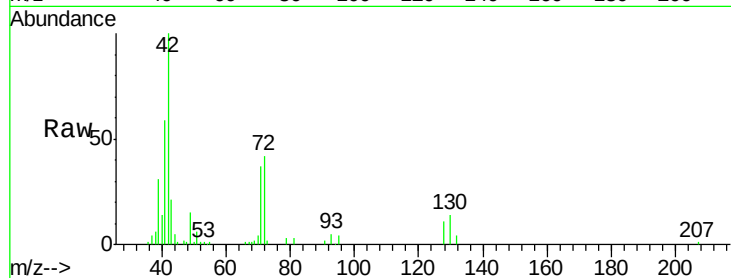
#29
Tetrahydrofuran
Concen: 123.43 ug/l
RT: 7.54 min Scan# 977
Delta R.T. 0.01 min
Lab File: VW003580.D
Acq: 26 Jun 2018 21:05

Instrument :
MSVOA_W
ClientSampleId :
VW0627SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.6	32.4	48.6
71	37.5	31.2	46.8

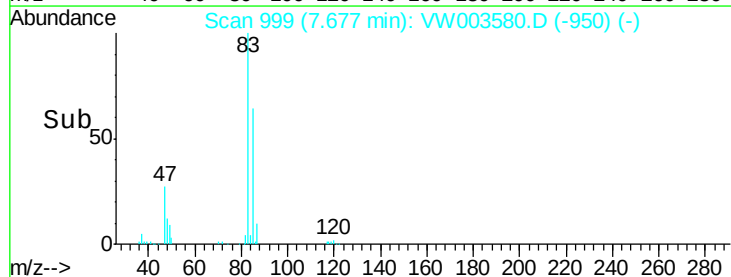
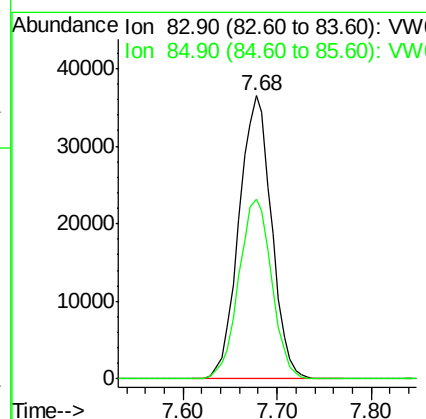
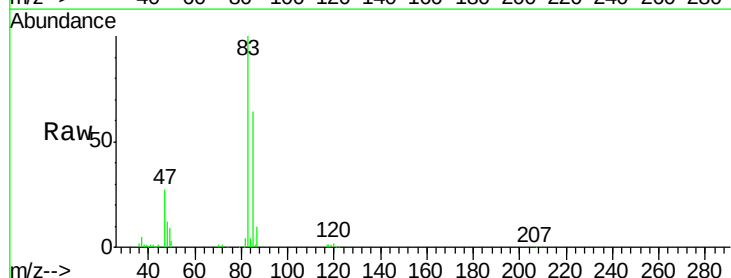
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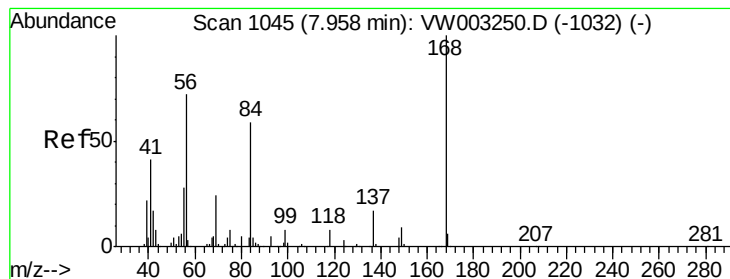
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#30
Chloroform
Concen: 23.43 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW003580.D
Acq: 26 Jun 2018 21:05

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.7	51.3	76.9





#31

Cyclohexane

Concen: 21.19 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.01 min

Lab File: VW003580.D

Acq: 26 Jun 2018 21:05

Instrument :

MSVOA_W

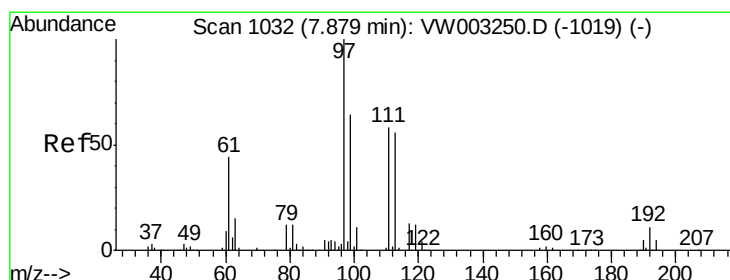
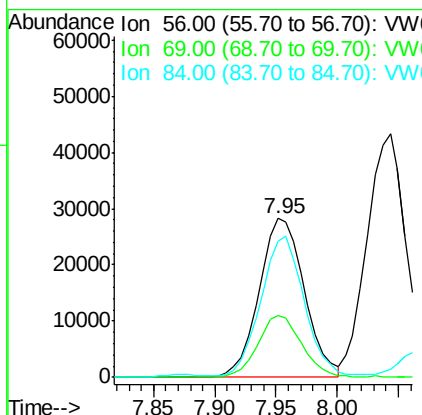
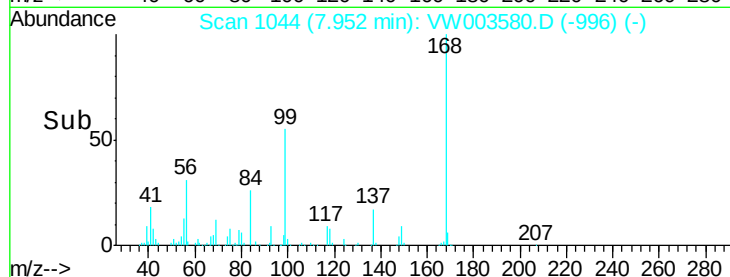
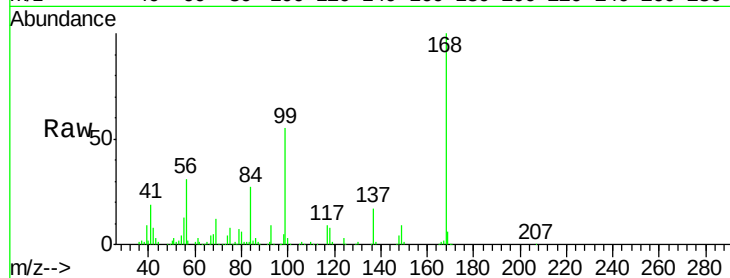
ClientSampled :

VW0627SBS01

Tot Ion:	56	Resp:	72881
Ion	Ratio	Lower	Upper
56	100		
69	39.2	26.3	39.5
84	83.5	65.7	98.5

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#32

1,1,1-Trichloroethane

Concen: 22.80 ug/l

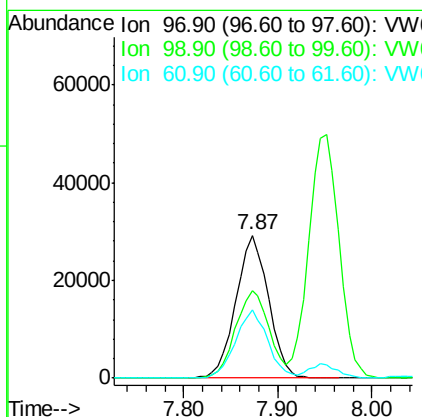
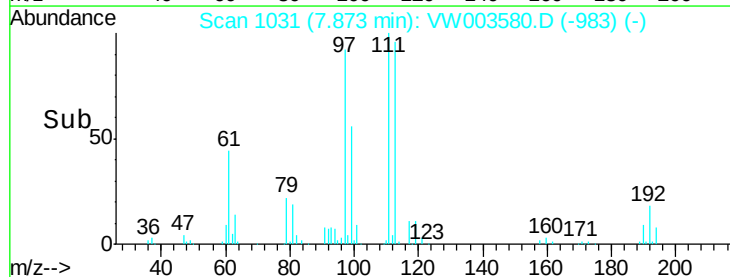
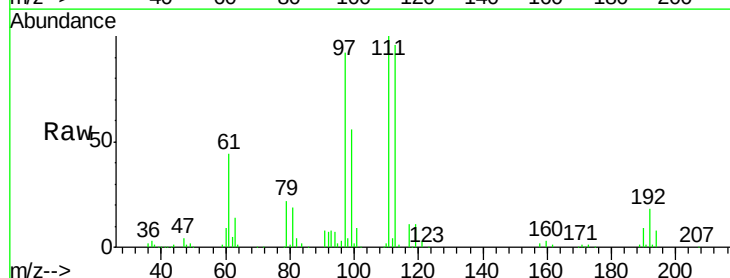
RT: 7.87 min Scan# 1031

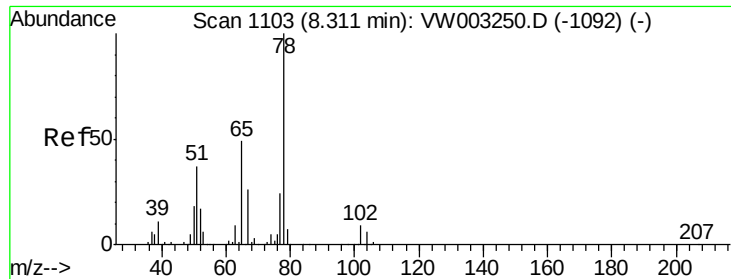
Delta R.T. -0.01 min

Lab File: VW003580.D

Acq: 26 Jun 2018 21:05

Tgt Ion:	97	Resp:	70587
Ion	Ratio	Lower	Upper
97	100		
99	63.3	51.7	77.5
61	47.3	37.6	56.4





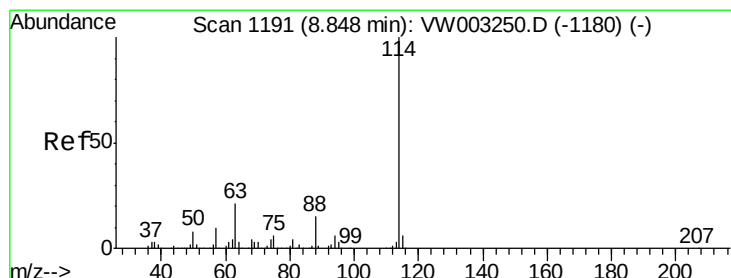
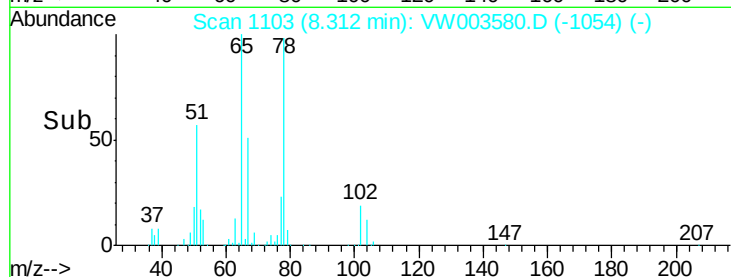
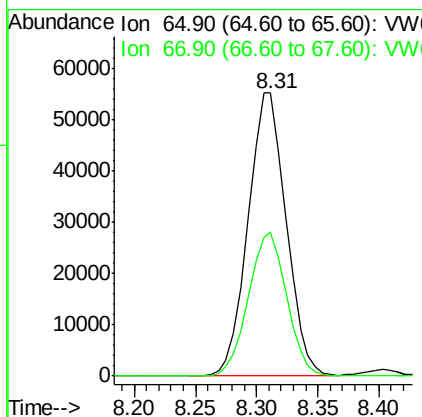
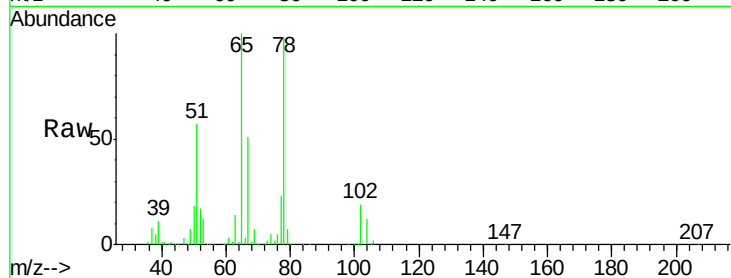
#33
 1,2-Dichloroethane-d4
 Concen: 56.45 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW003580.D
 Acq: 26 Jun 2018 21:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0627SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	51.0	0.0	104.2	

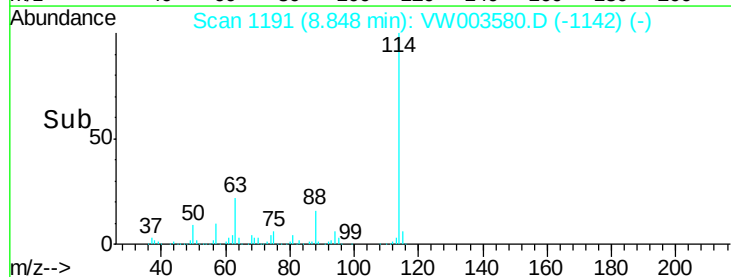
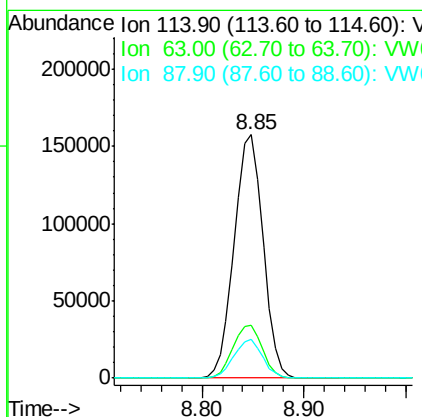
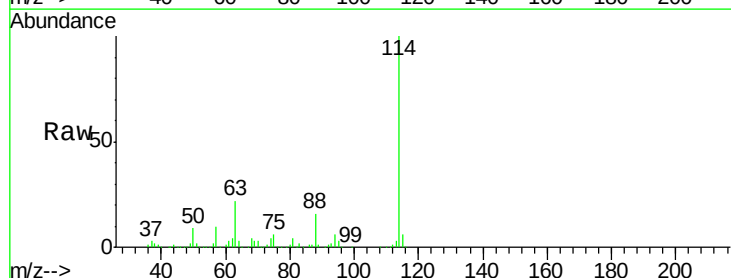
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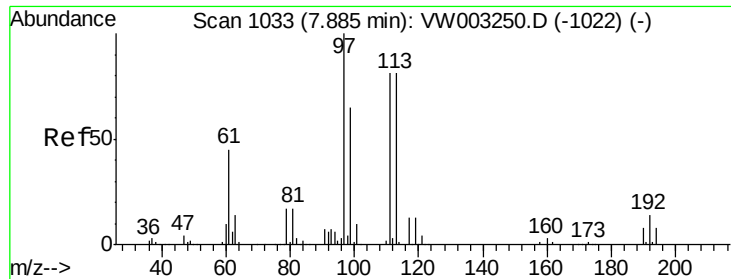
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003580.D
 Acq: 26 Jun 2018 21:05

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	21.6	0.0	43.0	
88	15.8	0.0	29.6	





#35

Dibromofluoromethane

Concen: 53.63 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. 0.00 min

Lab File: VW003580.D

Acq: 26 Jun 2018 21:05

Instrument :

MSVOA_W

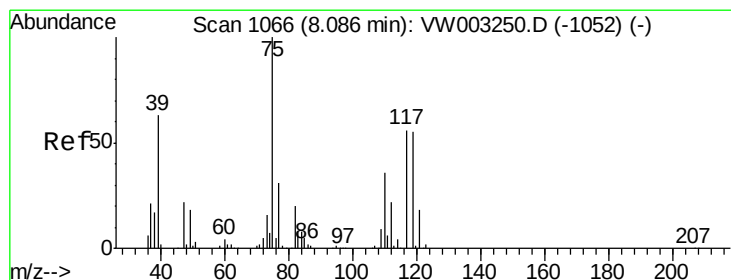
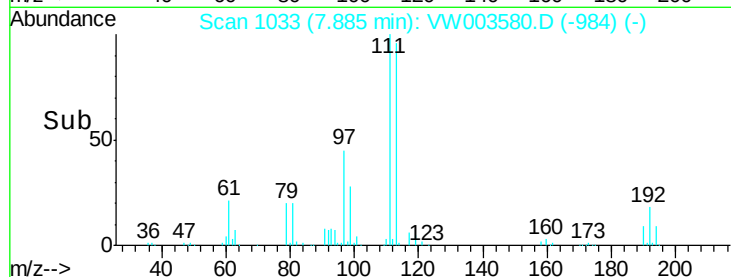
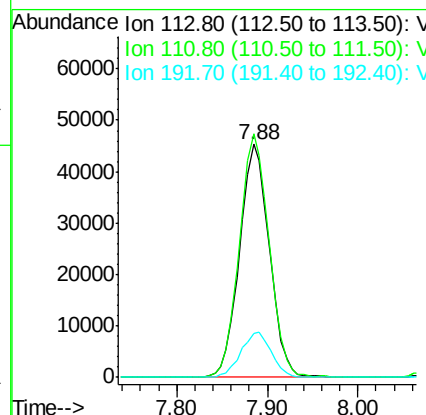
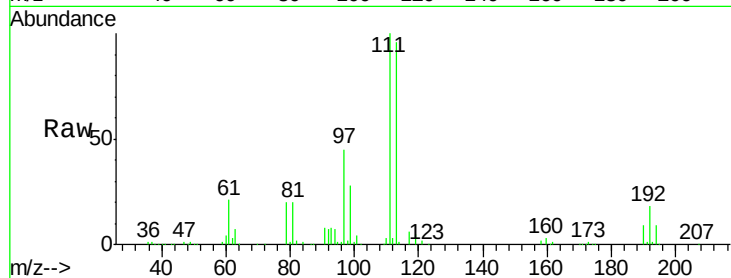
ClientSampleId :

VW0627SBS01

Tot Ion:	113	Resp:	103183
Ion Ratio	Lower	Upper	
113	100		
111	104.4	82.2	123.2
192	20.0	16.2	24.2

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#36

1,1-Dichloropropene

Concen: 22.61 ug/l

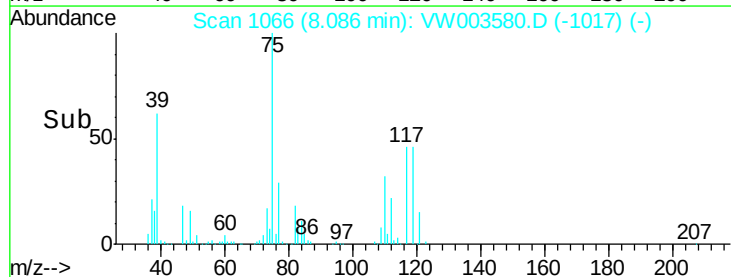
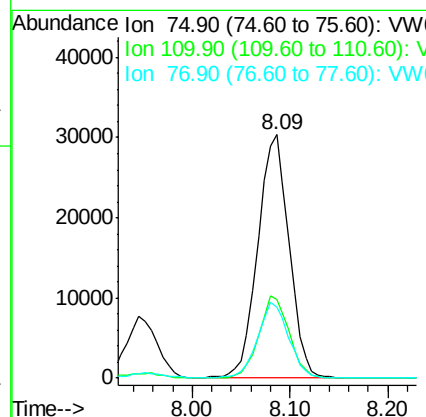
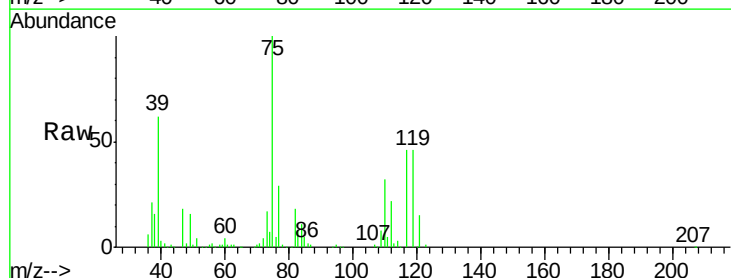
RT: 8.09 min Scan# 1066

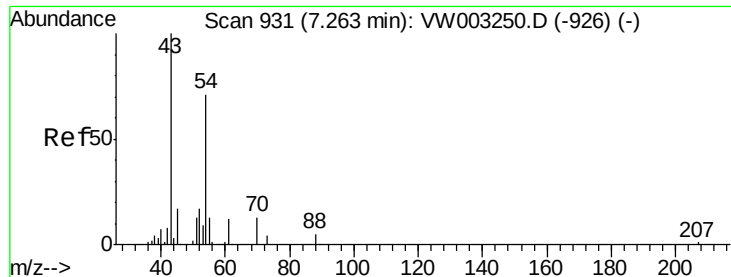
Delta R.T. 0.00 min

Lab File: VW003580.D

Acq: 26 Jun 2018 21:05

Tgt Ion:	75	Resp:	67616
Ion Ratio	Lower	Upper	
75	100		
110	32.5	17.1	51.3
77	30.8	24.9	37.3





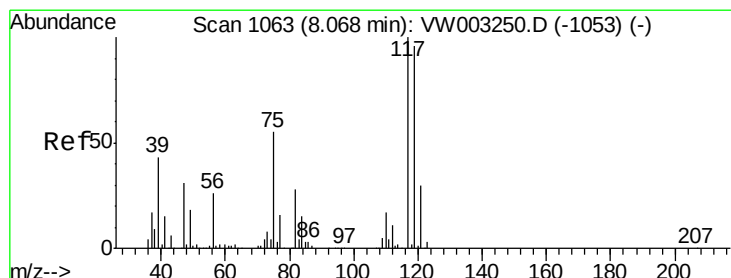
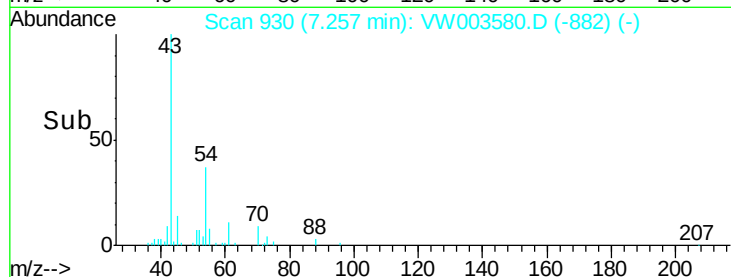
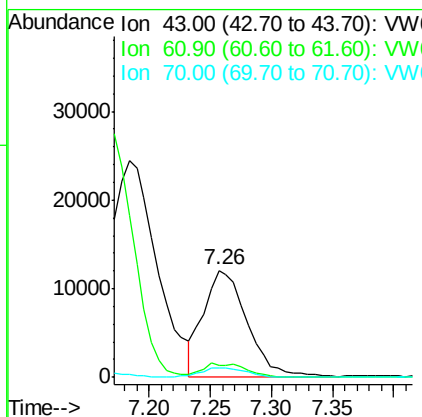
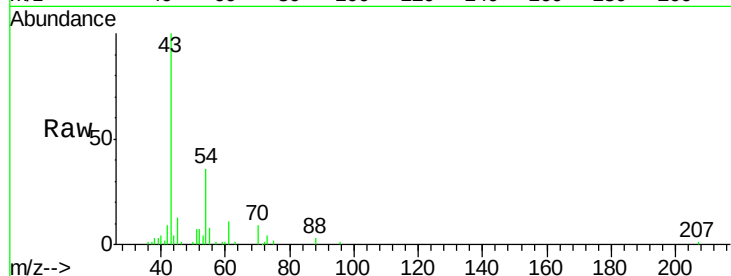
#37
Ethyl Acetate
Concen: 23.94 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.01 min
Lab File: VW003580.D
Acq: 26 Jun 2018 21:05

Instrument :
MSVOA_W
ClientSampled :
VW0627SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.8	16.2
70	9.6	7.8	11.6

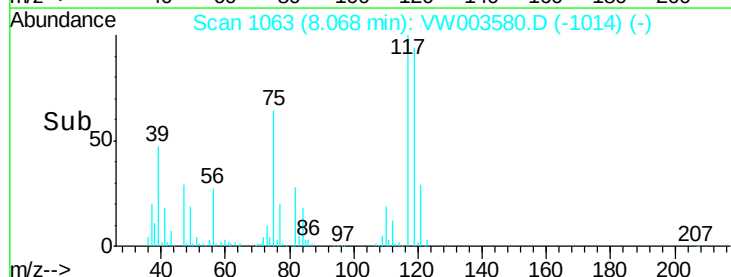
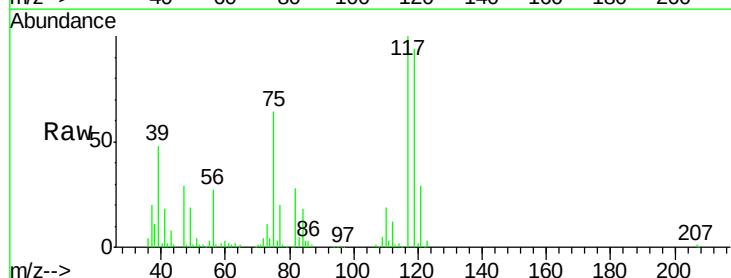
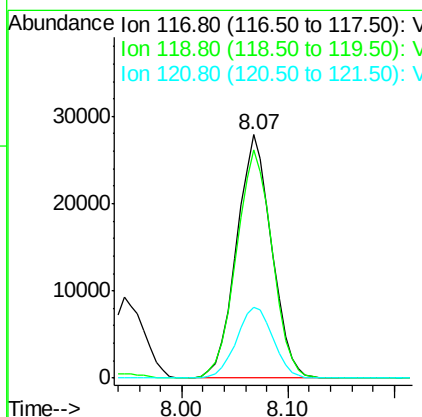
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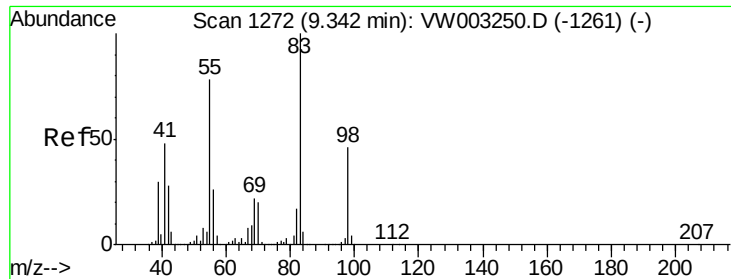
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#38
Carbon Tetrachloride
Concen: 22.02 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW003580.D
Acq: 26 Jun 2018 21:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.6	76.6	115.0
121	29.1	23.9	35.9





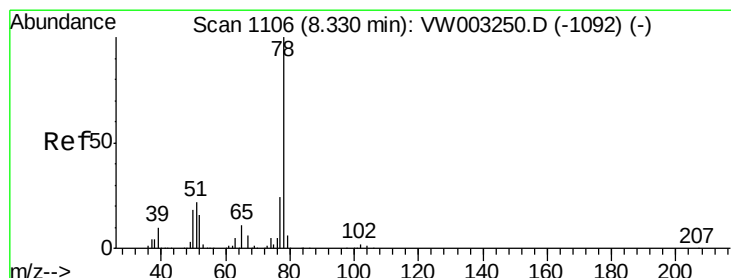
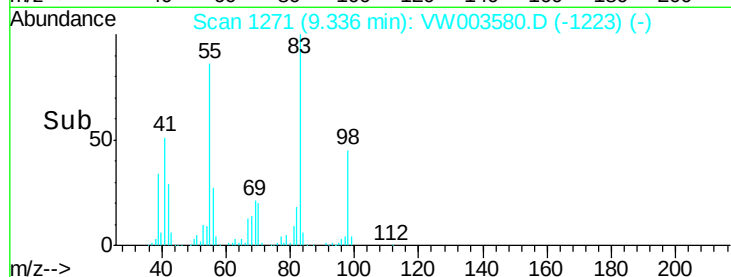
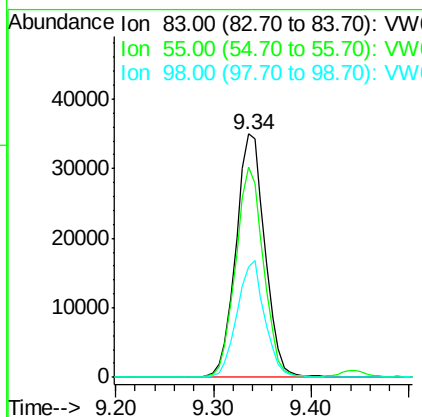
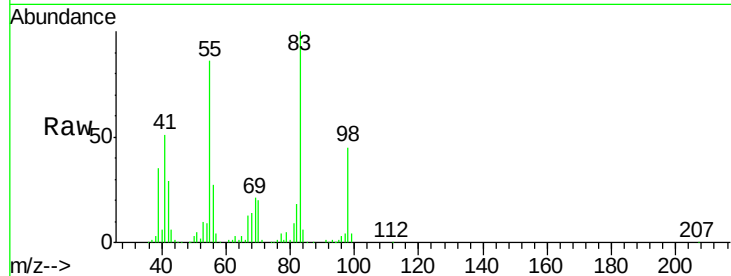
#39
Methylvlcyclohexane
Concen: 20.82 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.01 min
Lab File: VW003580.D
Acq: 26 Jun 2018 21:05

Instrument :
MSVOA_W
ClientSampleId :
VW0627SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	86.3	62.6	93.8
98	45.4	37.0	55.4

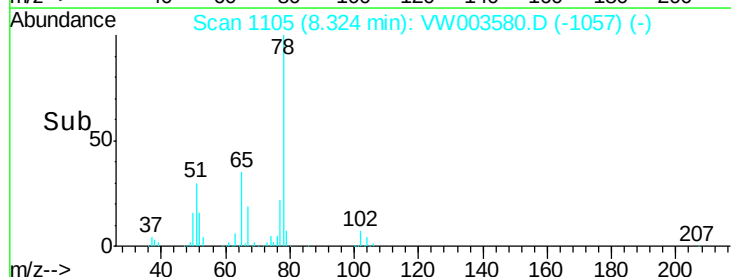
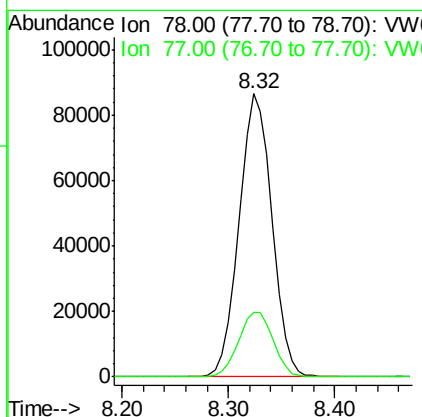
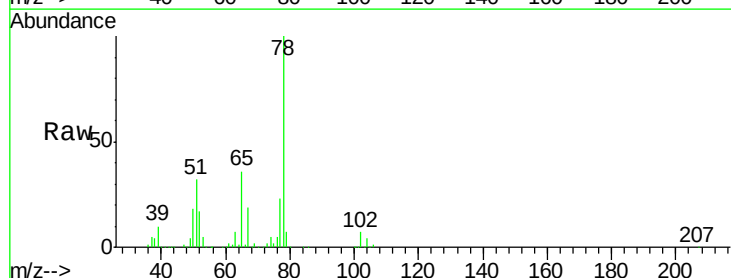
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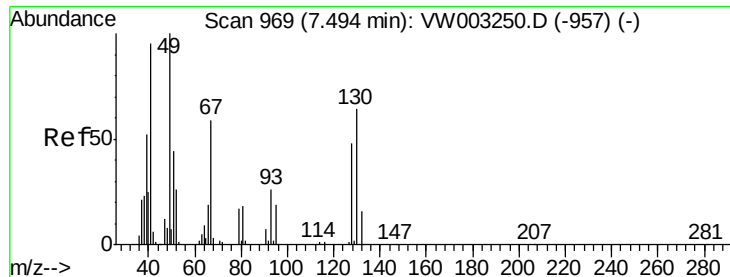
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#40
Benzene
Concen: 22.83 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.01 min
Lab File: VW003580.D
Acq: 26 Jun 2018 21:05

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.6	19.0	28.6





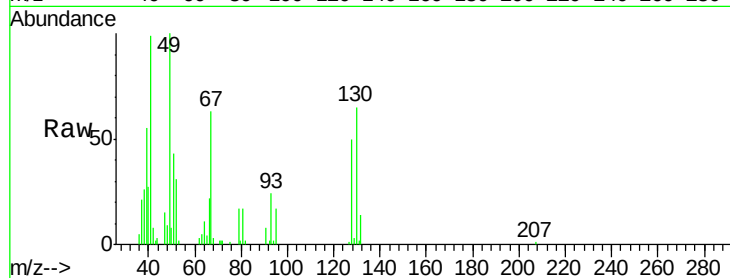
#41
Methacrylonitrile
Concen: 23.86 ug/l
RT: 7.49 min Scan# 969
Delta R.T. 0.00 min
Lab File: VW003580.D
Acq: 26 Jun 2018 21:05

Instrument :
MSVOA_W
ClientSampled :
VW0627SBS01

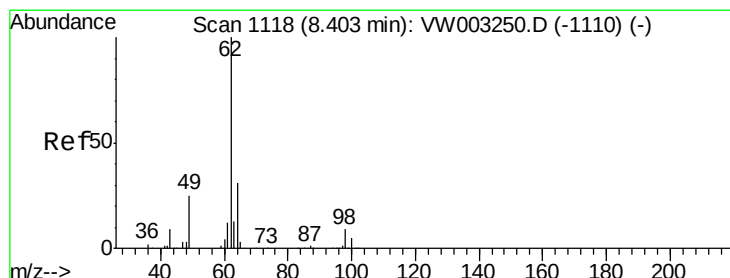
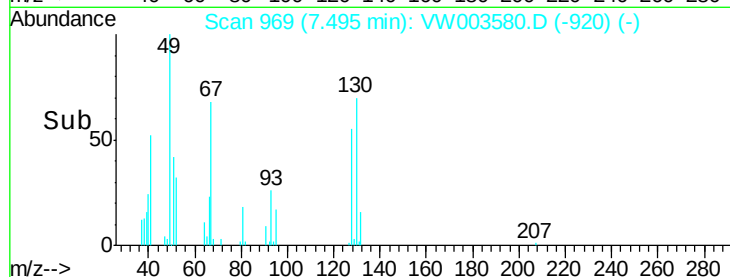
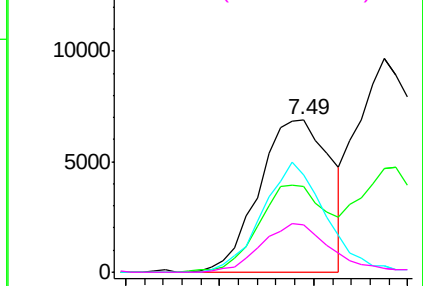
Tot Ion	41	Resp	18137
Ion	Ratio	Lower	Upper
41	100		
39	55.4	45.8	68.8
67	64.1	52.3	78.5
52	31.5	24.1	36.1

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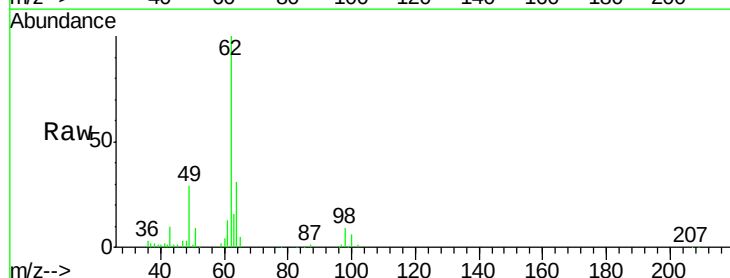


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

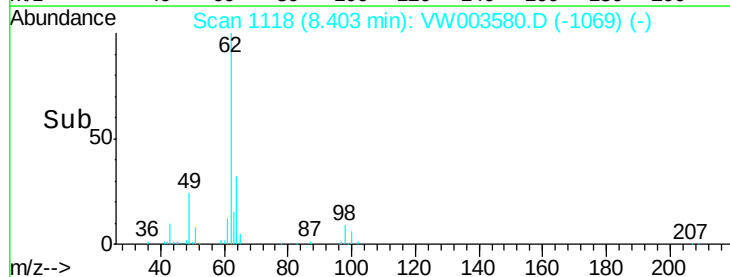
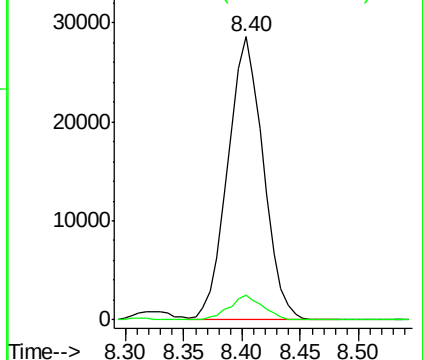


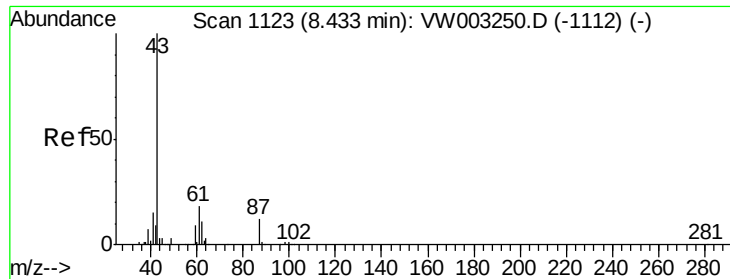
#42
1,2-Dichloroethane
Concen: 23.50 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW003580.D
Acq: 26 Jun 2018 21:05

Tgt Ion	62	Resp	60671
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: 23.06 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VW003580.D

Acq: 26 Jun 2018 21:05

Instrument :

MSVOA_W

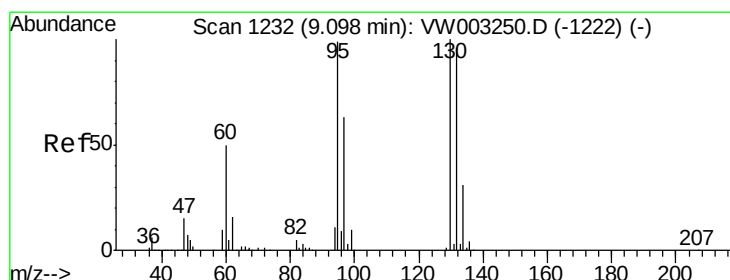
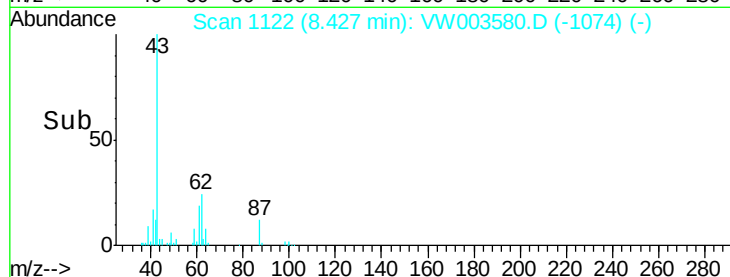
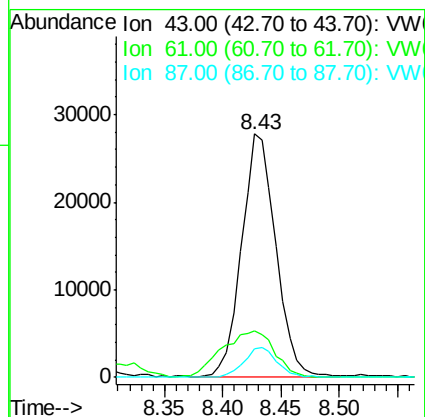
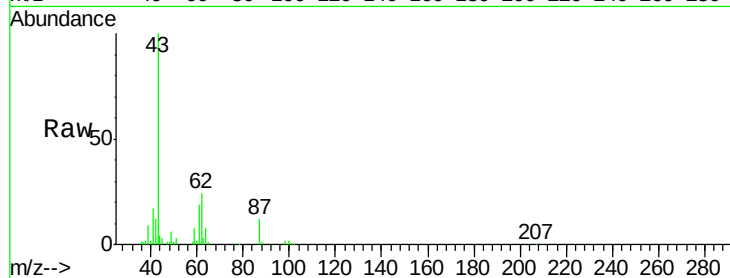
ClientSampleId :

VW0627SBS01

Tot Ion:	43	Resp:	56724
Ion	Ratio	Lower	Upper
43	100		
61	29.5	23.1	34.7
87	12.0	9.8	14.6

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#44

Trichloroethene

Concen: 22.24 ug/l

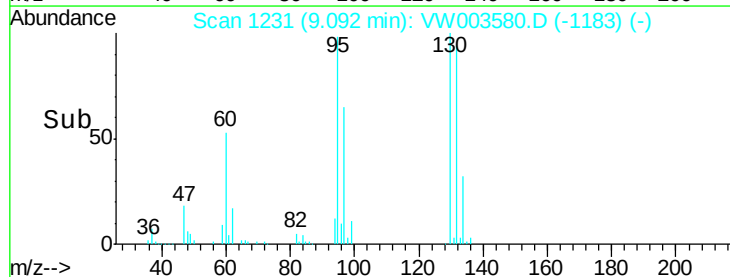
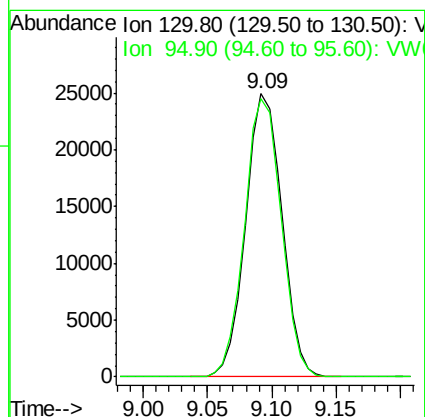
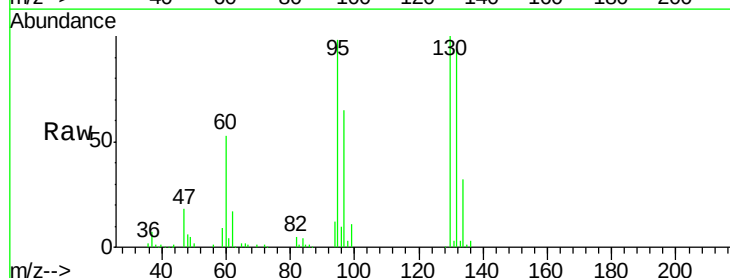
RT: 9.09 min Scan# 1231

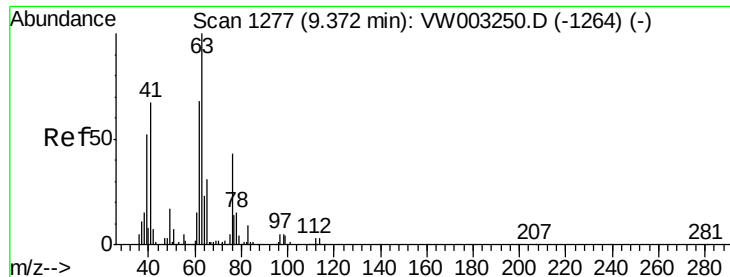
Delta R.T. -0.01 min

Lab File: VW003580.D

Acq: 26 Jun 2018 21:05

Tgt Ion:	130	Resp:	48567
Ion	Ratio	Lower	Upper
130	100		
95	98.3	0.0	198.0





#45

1,2-Dichloropropane

Concen: 23.32 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VW003580.D

Acq: 26 Jun 2018 21:05

Instrument :

MSVOA_W

ClientSampled :

VW0627SBS01

Tot Ion: 63 Resp: 48929

Ion Ratio Lower Upper

63 100

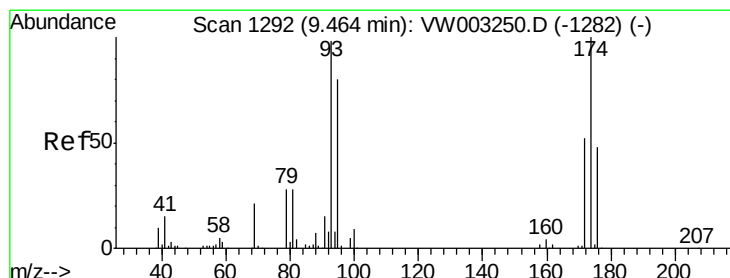
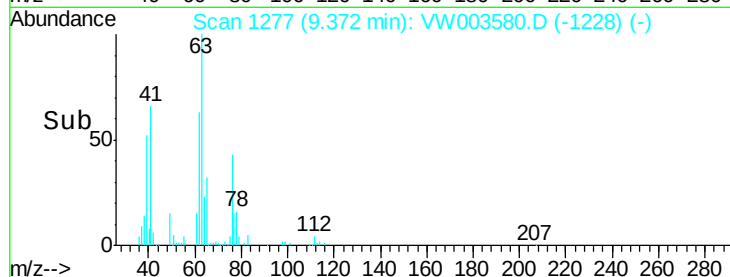
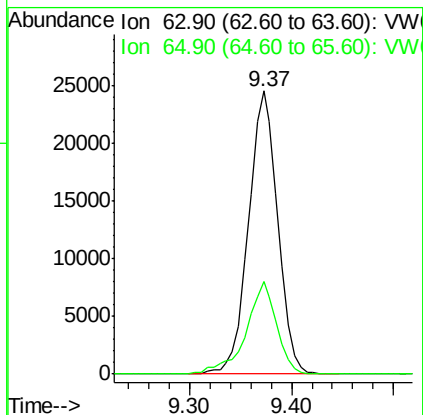
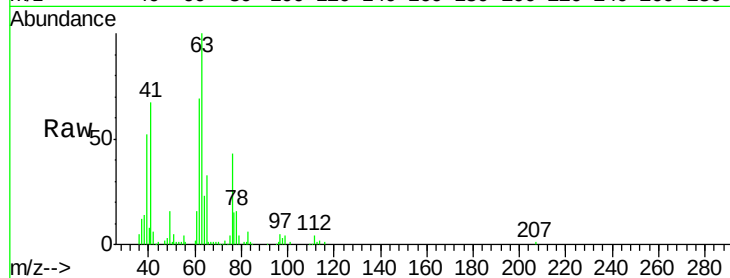
65 33.0 25.1 37.7

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#46

Dibromomethane

Concen: 23.42 ug/l

RT: 9.46 min Scan# 1291

Delta R.T. -0.01 min

Lab File: VW003580.D

Acq: 26 Jun 2018 21:05

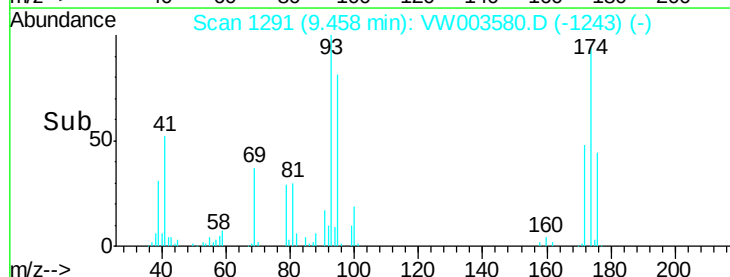
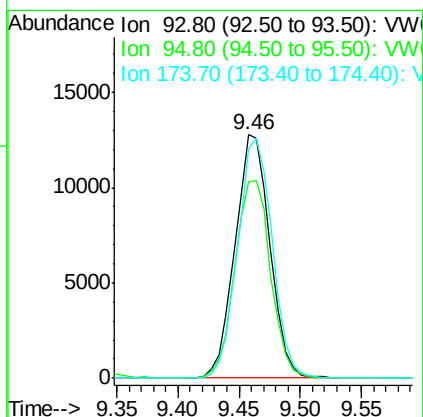
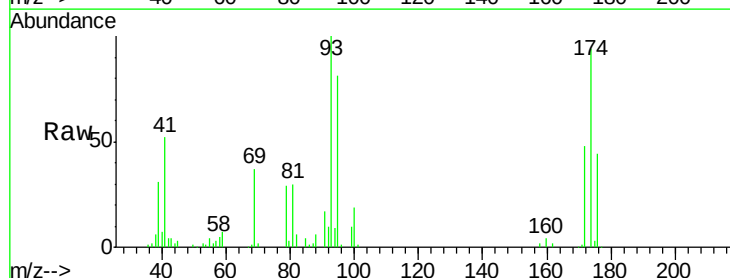
Tgt Ion: 93 Resp: 25158

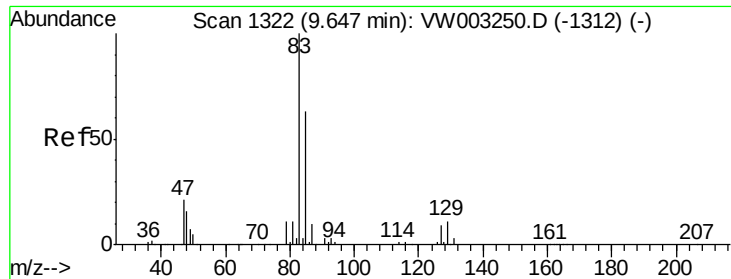
Ion Ratio Lower Upper

93 100

95 83.3 65.8 98.8

174 98.5 81.4 122.0





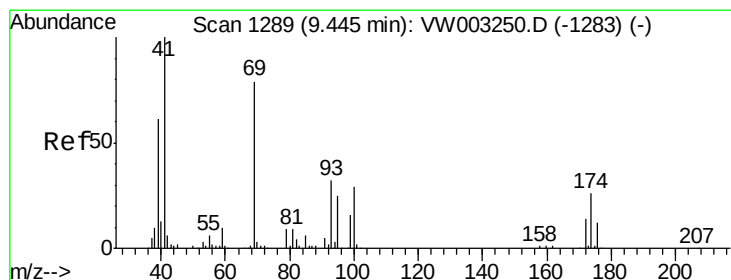
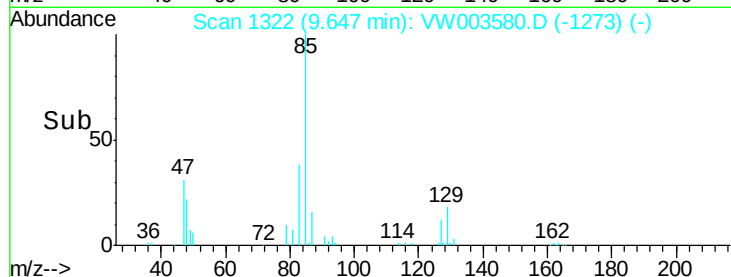
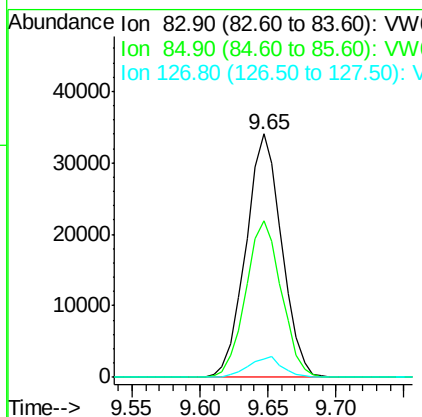
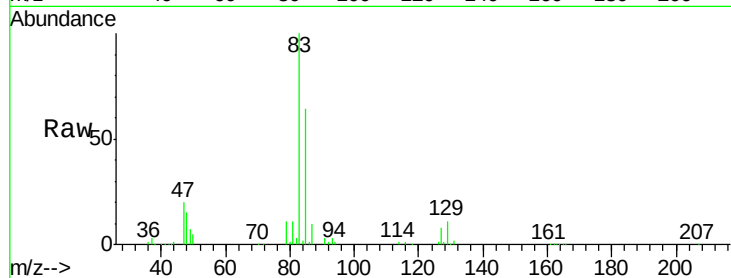
#47
Bromodichloromethane
Concen: 22.87 ug/l
RT: 9.65 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VW003580.D
Acq: 26 Jun 2018 21:05

Instrument :
MSVOA_W
ClientSampleId :
VW0627SBS01

Tot Ion	83	Resp	62992
Ion Ratio	100	Lower	Upper
83	100		
85	64.1	50.6	75.8
127	7.8	6.8	10.2

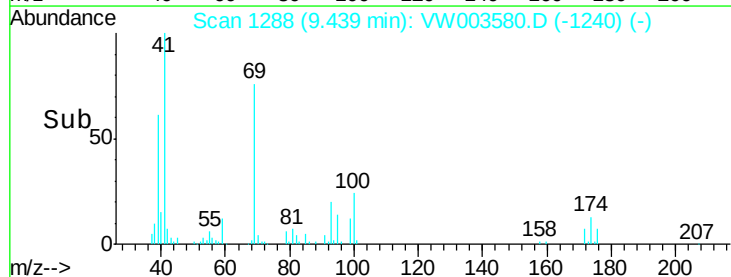
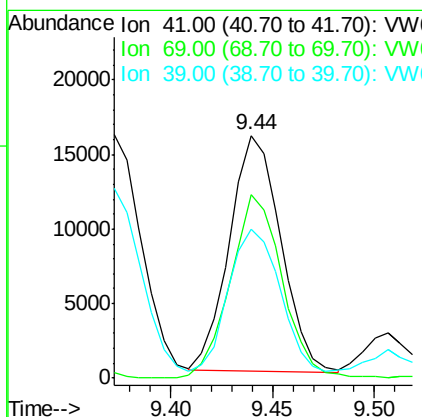
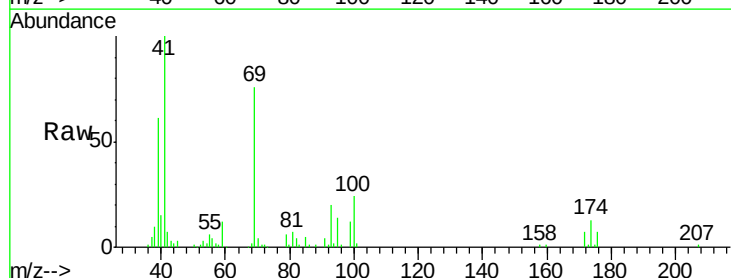
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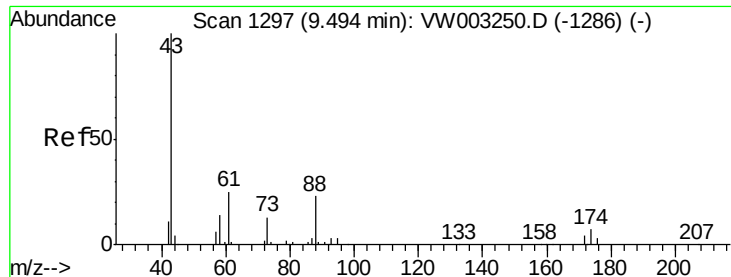
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#48
Methyl methacrylate
Concen: 23.89 ug/l
RT: 9.44 min Scan# 1288
Delta R.T. -0.01 min
Lab File: VW003580.D
Acq: 26 Jun 2018 21:05

Tgt Ion	41	Resp	27618
Ion Ratio	100	Lower	Upper
41	100		
69	78.8	65.4	98.2
39	65.5	54.2	81.2





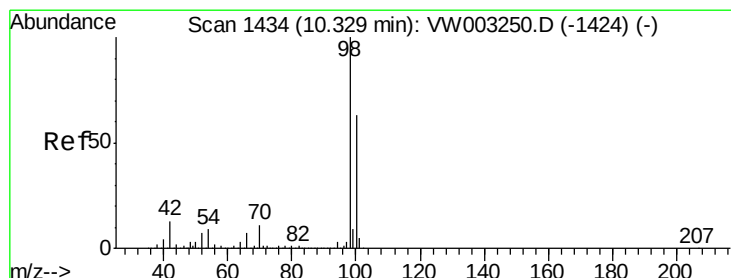
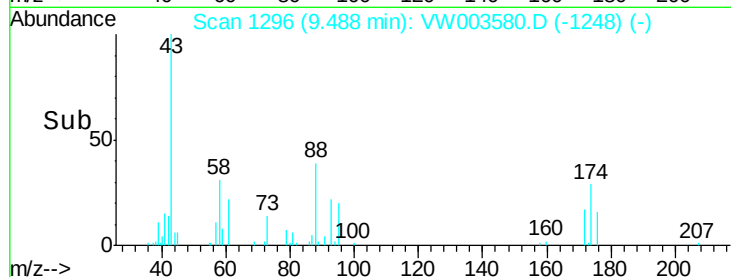
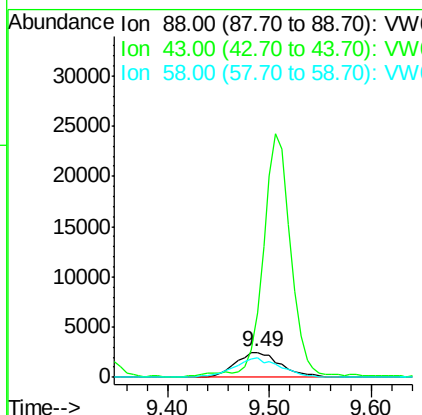
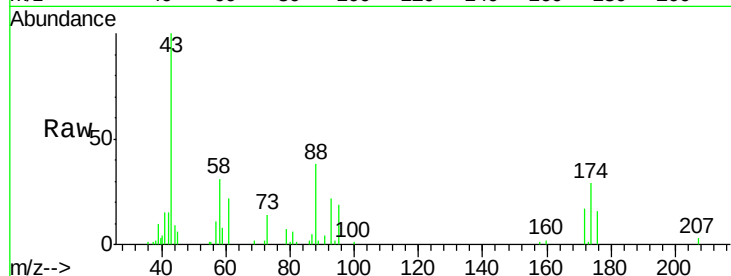
#49
1,4-Dioxane
Concen: 464.80 ug/l
RT: 9.49 min Scan# 1296
Delta R.T. -0.01 min
Lab File: VW003580.D
Acq: 26 Jun 2018 21:05

Instrument :
MSVOA_W
ClientSampleId :
VW0627SBS01

Tot Ion	88	Resp	7540
Ion Ratio	Lower	Upper	
88	100		
43	609.6	454.7	682.1
58	79.2	58.6	88.0

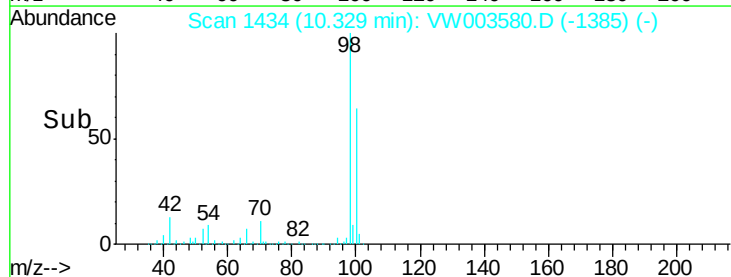
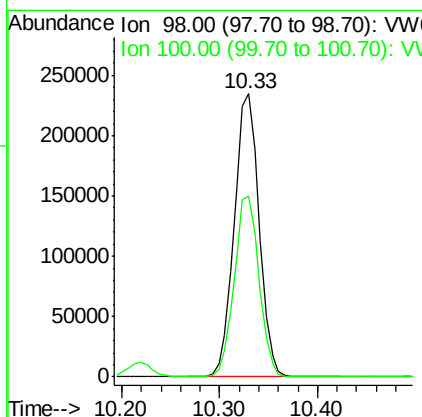
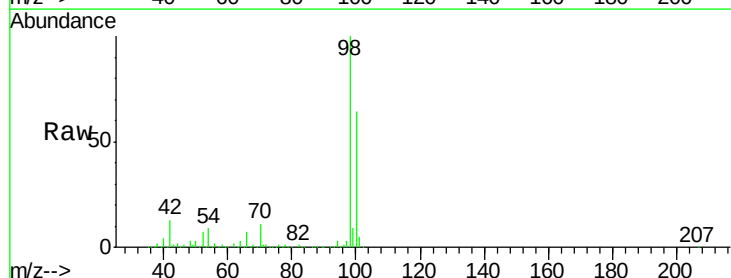
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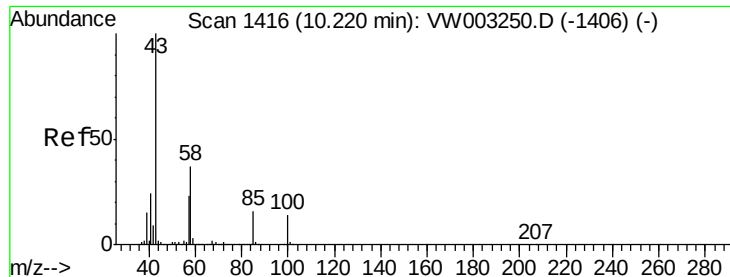
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#50
Toluene-d8
Concen: 54.23 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW003580.D
Acq: 26 Jun 2018 21:05

Tgt Ion	98	Resp	413709
Ion Ratio	Lower	Upper	
98	100		
100	63.7	50.8	76.2





#51

4-Methyl-2-Pentanone

Concen: 122.21 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. -0.01 min

Lab File: VW003580.D

Acq: 26 Jun 2018 21:05

Instrument :

MSVOA_W

ClientSampled :

VW0627SBS01

Tot Ion: 43 Resp: 153167

Ion Ratio Lower Upper

43 100

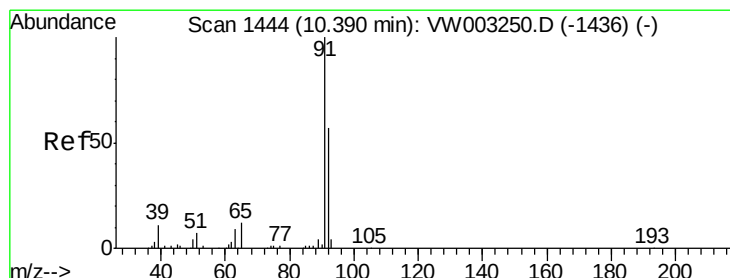
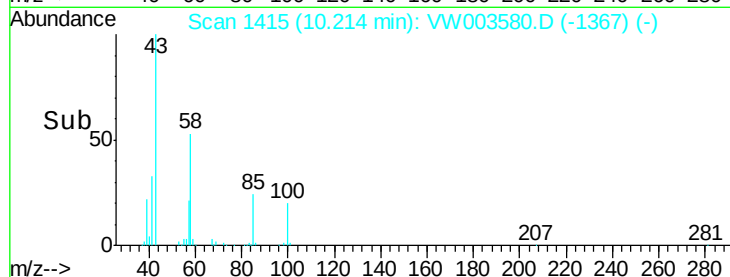
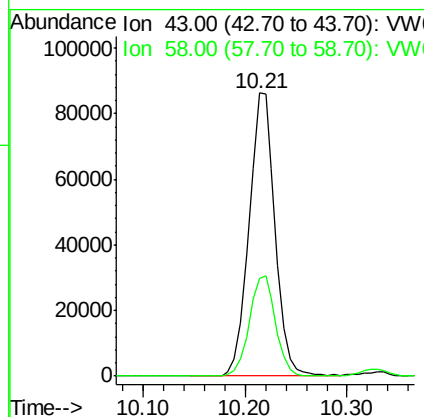
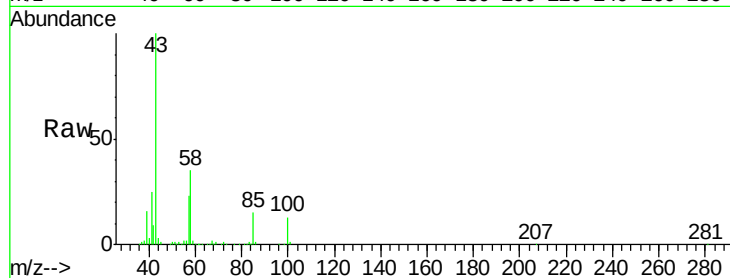
58 35.7 29.0 43.4

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#52

Toluene

Concen: 22.93 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW003580.D

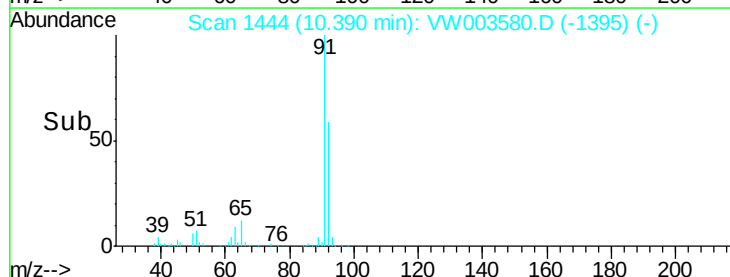
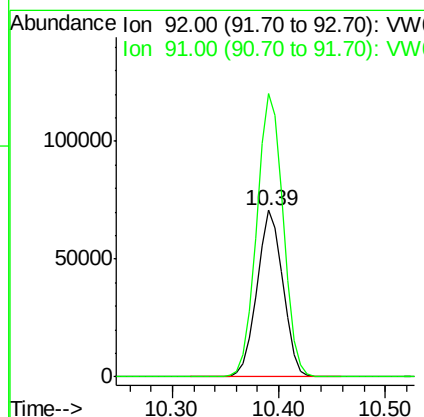
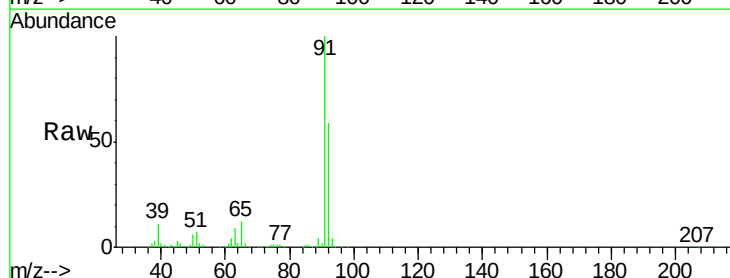
Acq: 26 Jun 2018 21:05

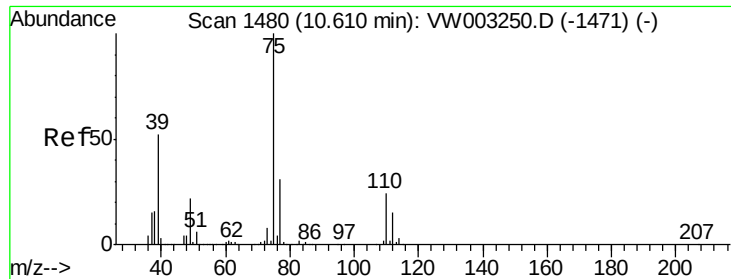
Tgt Ion: 92 Resp: 121196

Ion Ratio Lower Upper

92 100

91 173.0 141.1 211.7





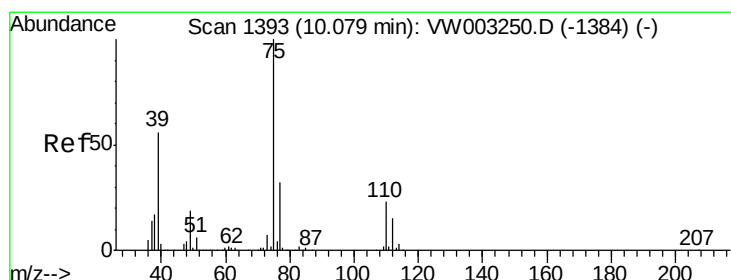
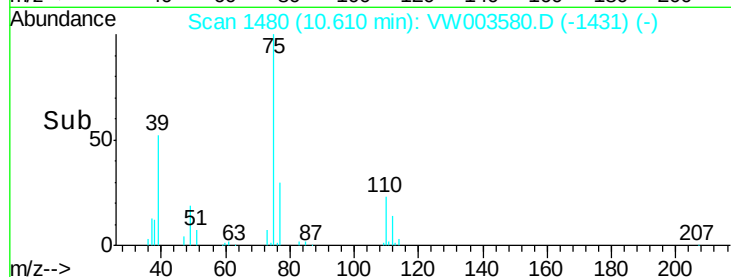
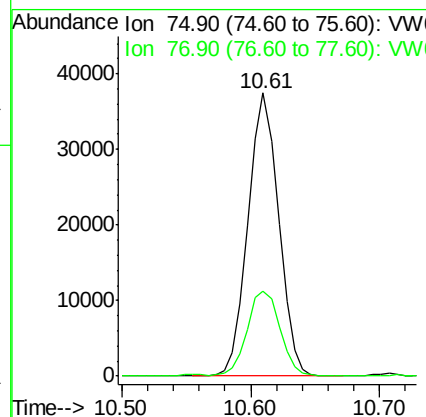
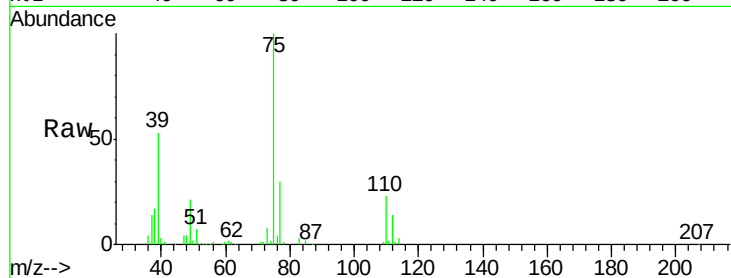
#53
t-1,3-Dichloropropene
Concen: 21.90 ug/l
RT: 10.61 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VW003580.D
Acq: 26 Jun 2018 21:05

Instrument :
MSVOA_W
ClientSampleId :
VW0627SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.0	24.9	37.3

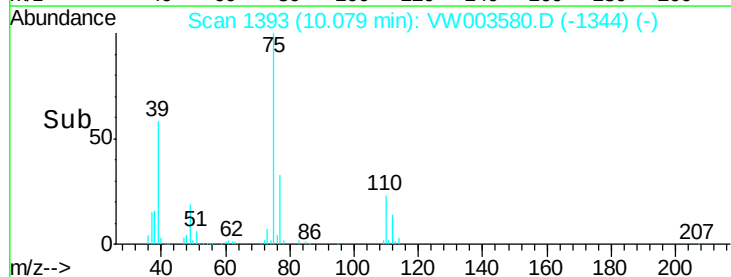
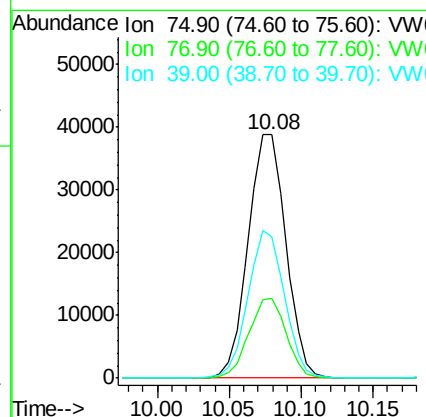
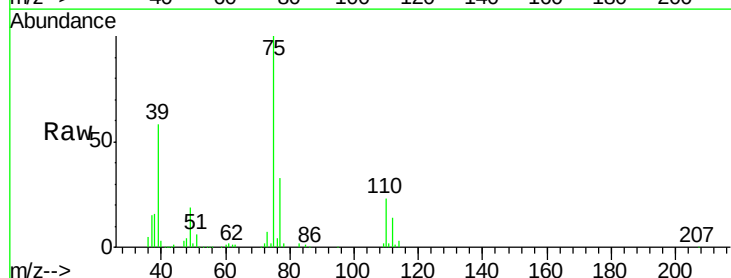
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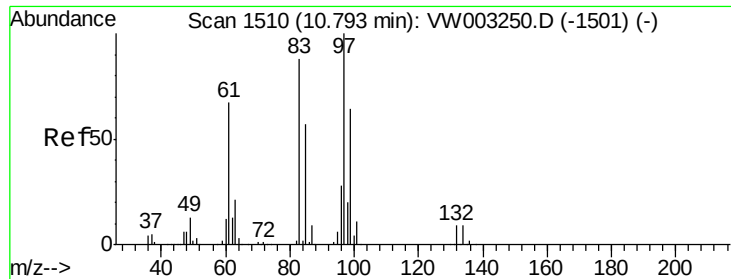
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#54
cis-1,3-Dichloropropene
Concen: 22.00 ug/l
RT: 10.08 min Scan# 1393
Delta R.T. 0.00 min
Lab File: VW003580.D
Acq: 26 Jun 2018 21:05

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.7	25.8	38.6
39	57.9	45.2	67.8





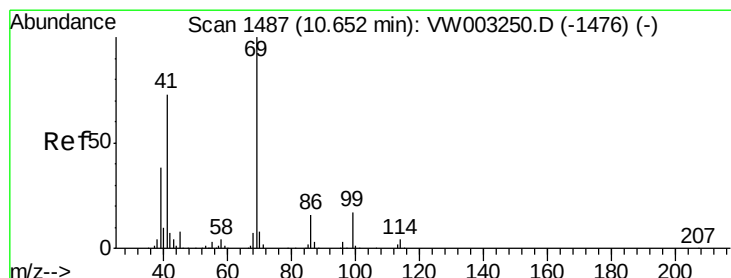
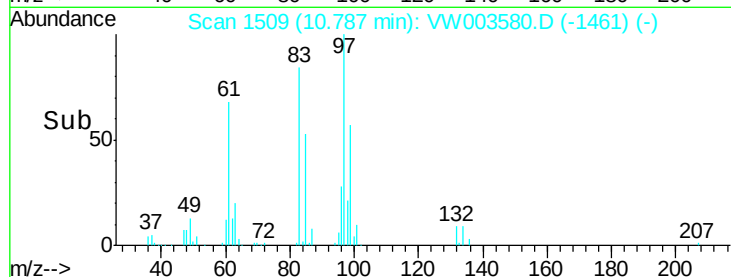
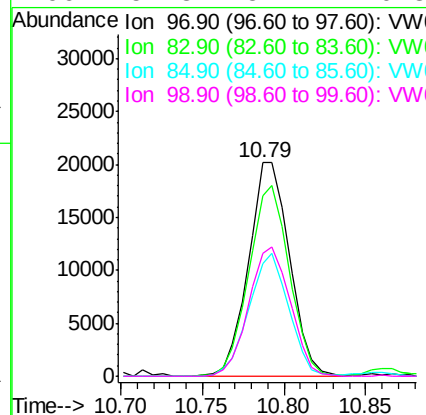
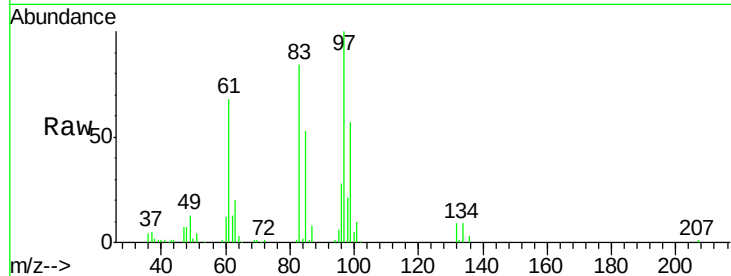
#55
 1,1,2-Trichloroethane
 Concen: 23.37 ug/l
 RT: 10.79 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: VW003580.D
 Acq: 26 Jun 2018 21:05

Instrument :
 MSVOA_W
 ClientSampled :
 VW0627SBS01

Tot Ion:	97	Resp:	35379
Ion	Ratio	Lower	Upper
97	100		
83	84.5	70.2	105.2
85	52.8	45.6	68.4
99	57.3	51.2	76.8

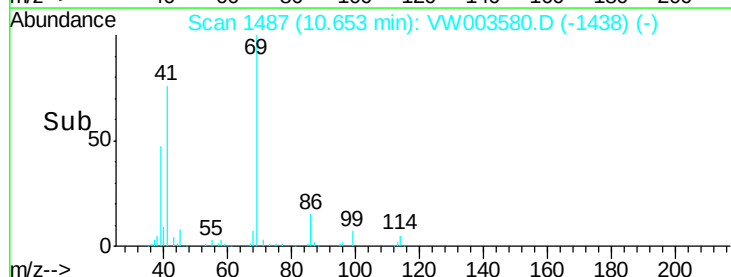
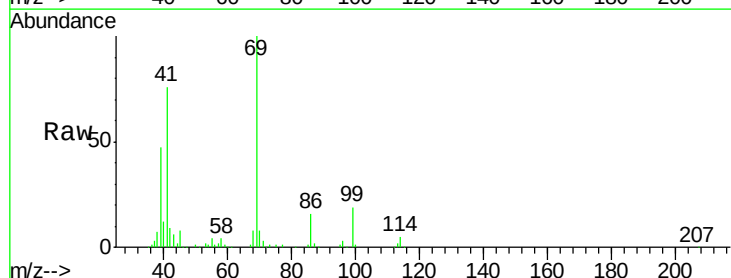
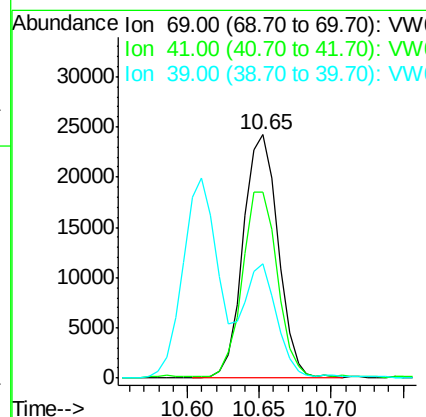
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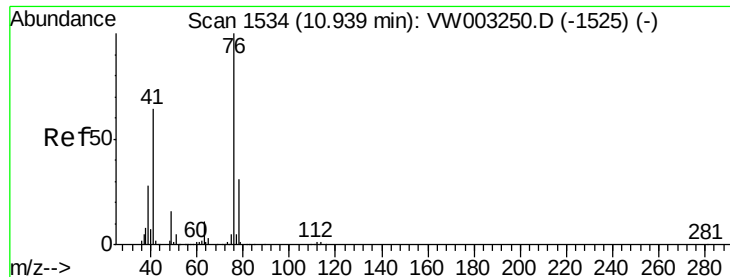
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#56
 Ethyl methacrylate
 Concen: 22.19 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW003580.D
 Acq: 26 Jun 2018 21:05

Tgt Ion:	69	Resp:	40786
Ion	Ratio	Lower	Upper
69	100		
41	76.6	57.8	86.6
39	40.9	32.7	49.1





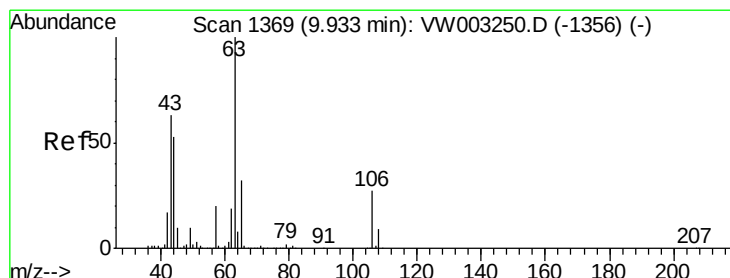
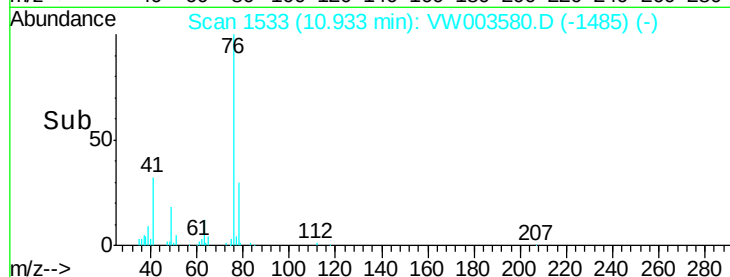
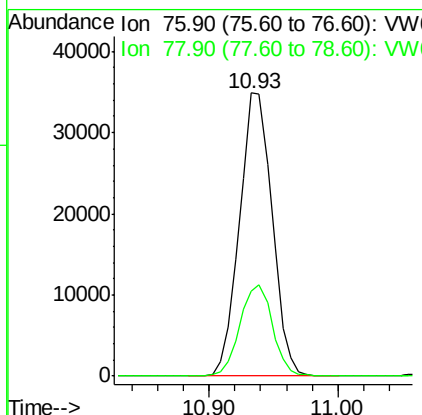
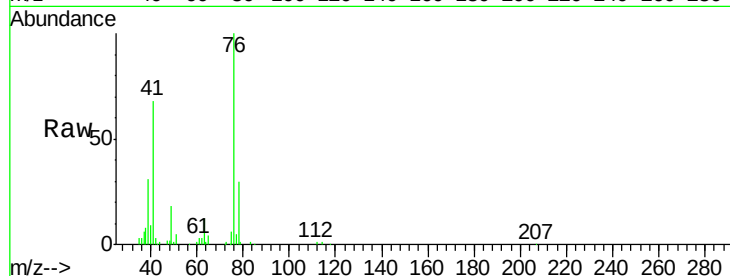
#57
 1,3-Dichloropropane
 Concen: 23.44 ug/l
 RT: 10.93 min Scan# 1533
 Delta R.T. -0.01 min
 Lab File: VW003580.D
 Acq: 26 Jun 2018 21:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0627SBS01

Tot Ion: 76 Resp: 61212
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.7 38.5

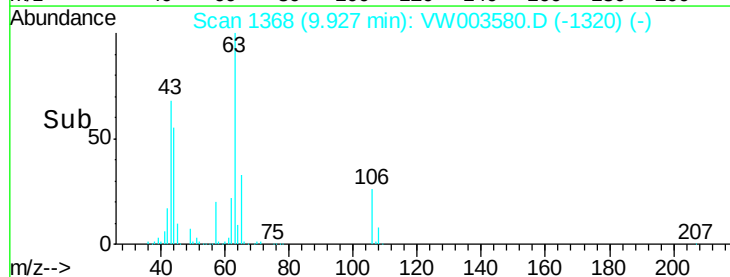
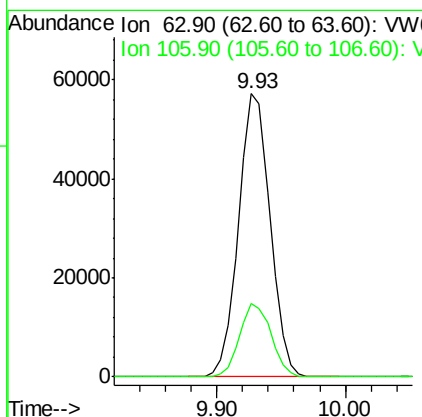
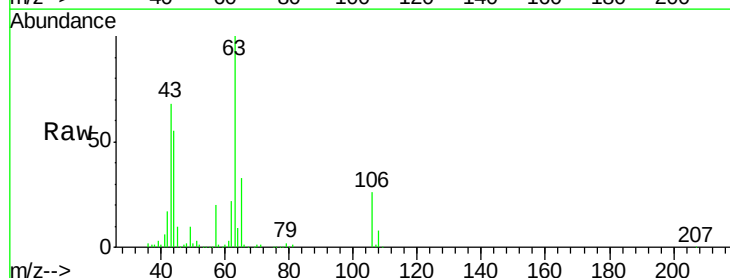
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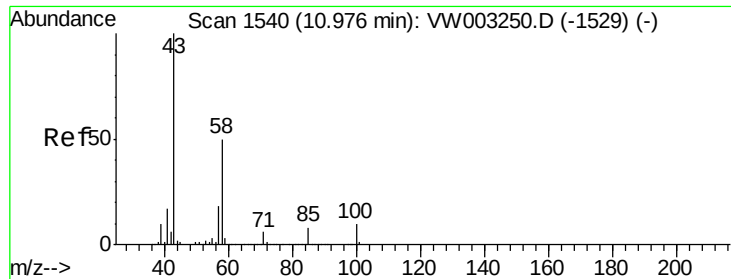
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#58
 2-Chloroethyl Vinyl ether
 Concen: 117.59 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: VW003580.D
 Acq: 26 Jun 2018 21:05

Tgt Ion: 63 Resp: 96911
 Ion Ratio Lower Upper
 63 100
 106 25.8 21.8 32.8





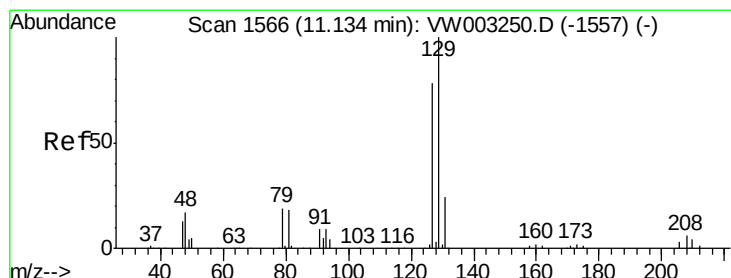
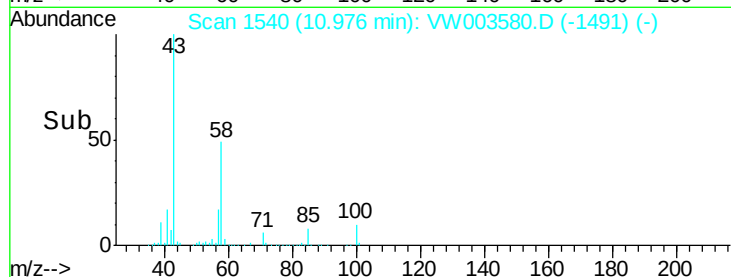
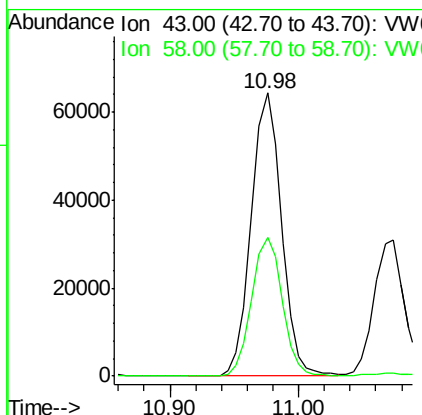
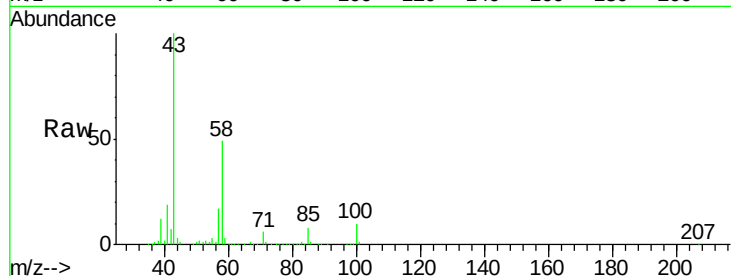
#59
2-Hexanone
Concen: 119.40 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW003580.D
Acq: 26 Jun 2018 21:05

Instrument :
MSVOA_W
ClientSampleId :
VW0627SBS01

Tot Ion: 43 Resp: 104542
Ion Ratio Lower Upper
43 100
58 49.5 25.0 75.0

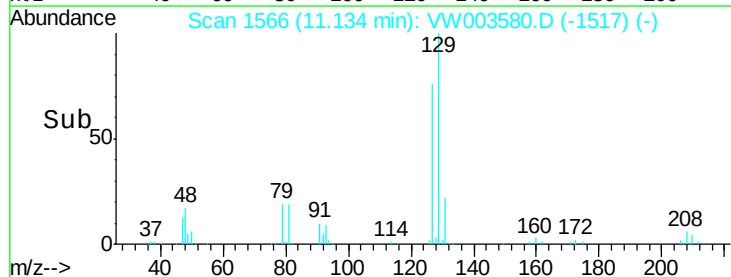
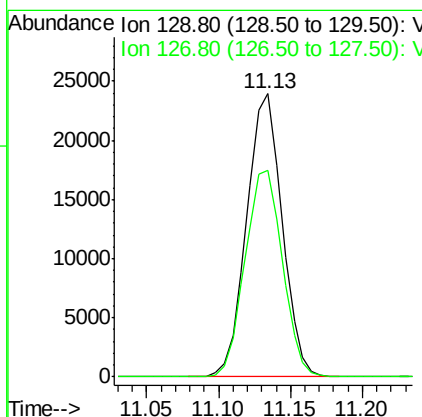
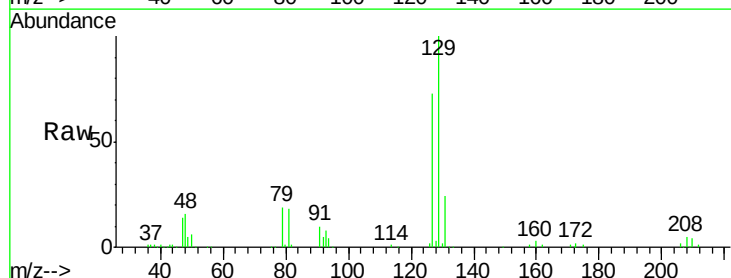
Manual Integrations
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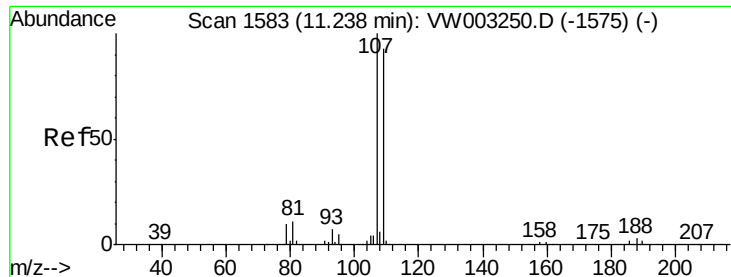
apatel
6/27/2018 11:46:51 AM



#60
Dibromochloromethane
Concen: 22.66 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW003580.D
Acq: 26 Jun 2018 21:05

Tgt Ion: 129 Resp: 40790
Ion Ratio Lower Upper
129 100
127 76.9 39.1 117.5





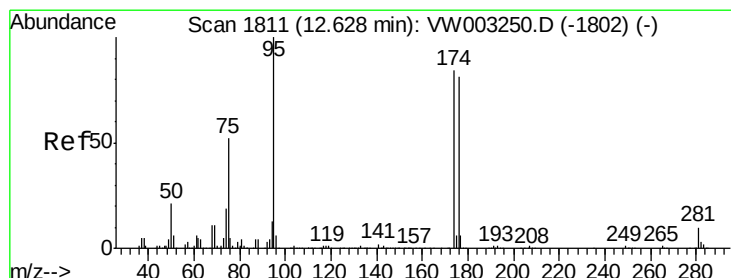
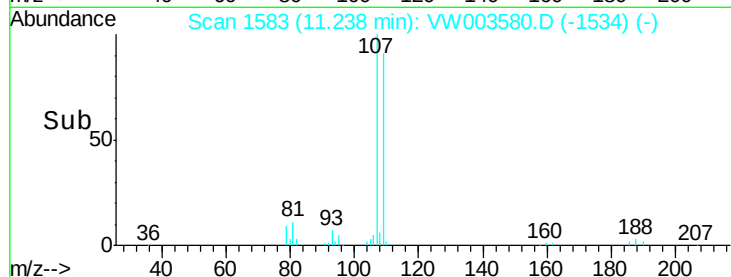
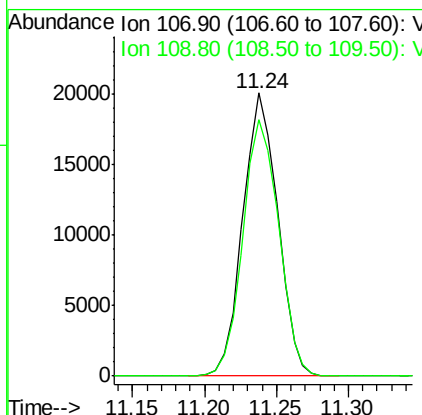
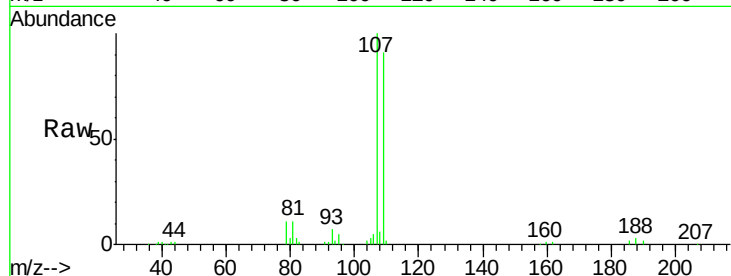
#61
 1,2-Dibromoethane
 Concen: 23.50 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW003580.D
 Acq: 26 Jun 2018 21:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0627SBS01

Tot Ion: 107 Resp: 33652
 Ion Ratio Lower Upper
 107 100
 109 93.2 75.8 113.6

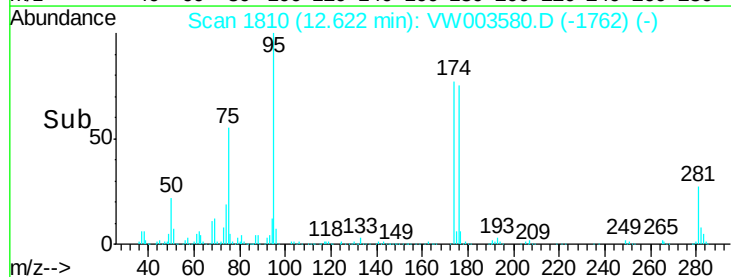
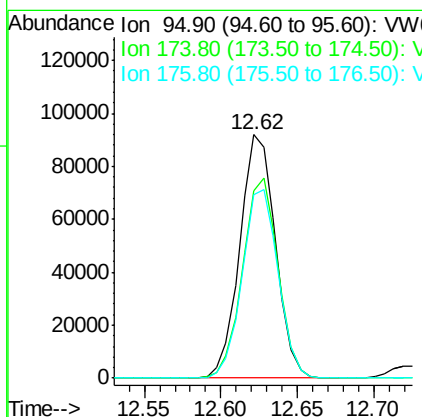
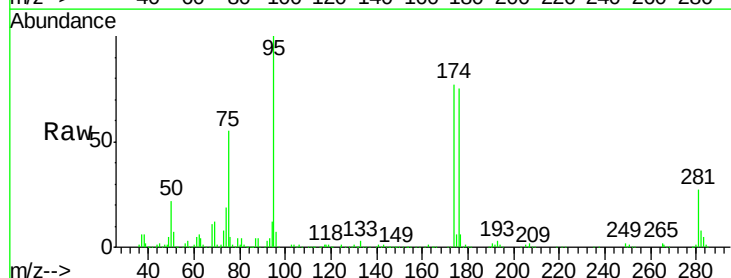
Manual Integrations
 APPROVED

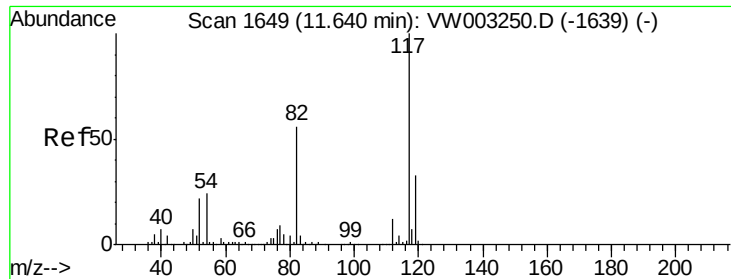
apatel
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#62
 4-Bromofluorobenzene
 Concen: 54.95 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.01 min
 Lab File: VW003580.D
 Acq: 26 Jun 2018 21:05

Tgt Ion: 95 Resp: 148334
 Ion Ratio Lower Upper
 95 100
 174 81.8 0.0 166.4
 176 78.4 0.0 162.0





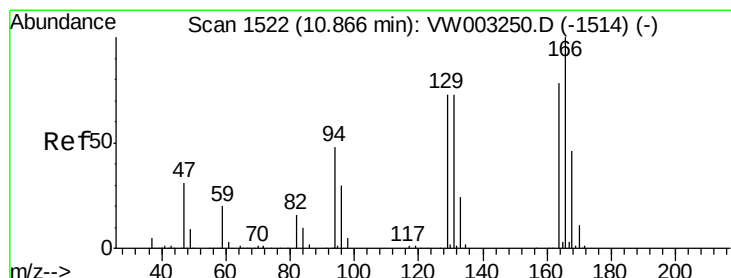
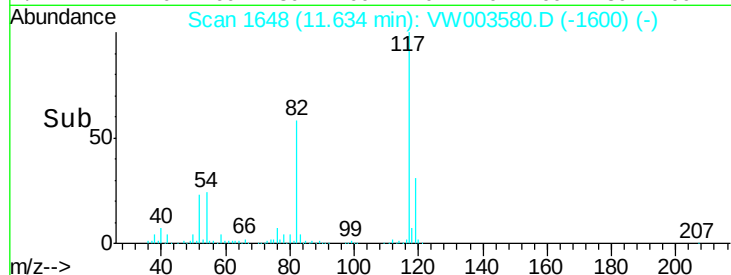
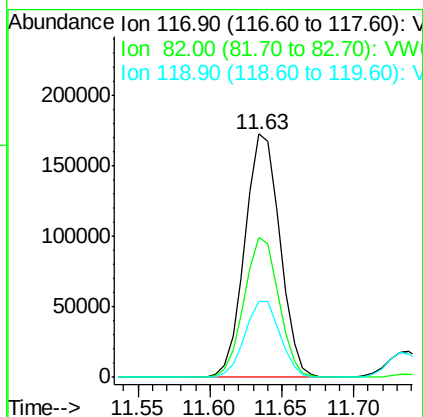
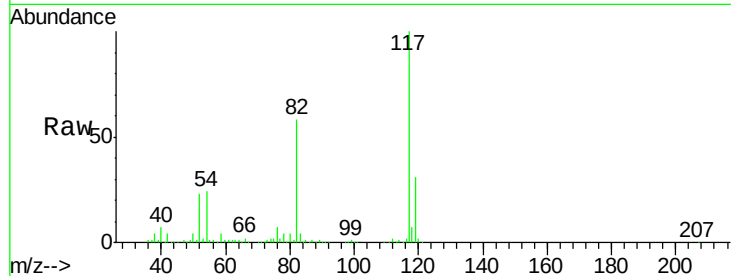
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW003580.D
Acq: 26 Jun 2018 21:05

Instrument :
MSVOA_W
ClientSampleId :
VW0627SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	290907		
82	57.7		44.6	67.0
119	31.4		26.7	40.1

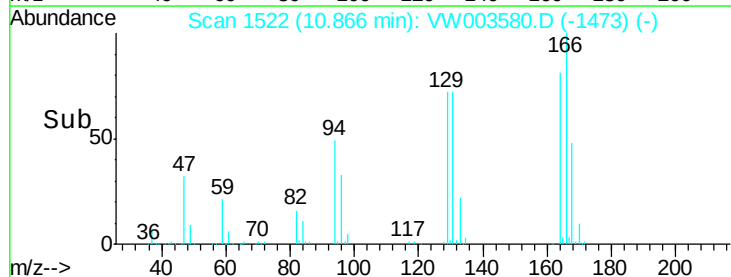
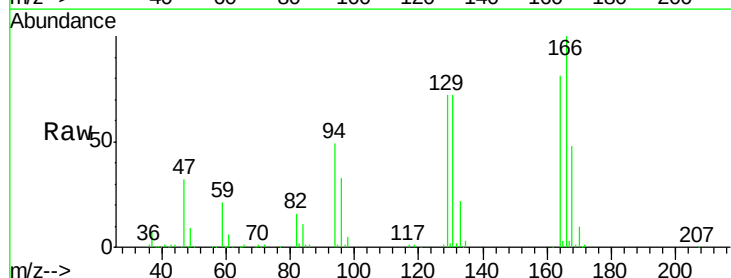
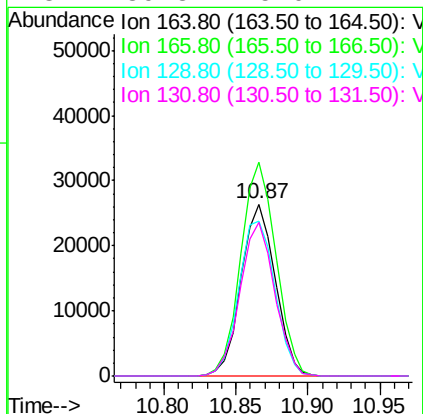
Manual Integrations
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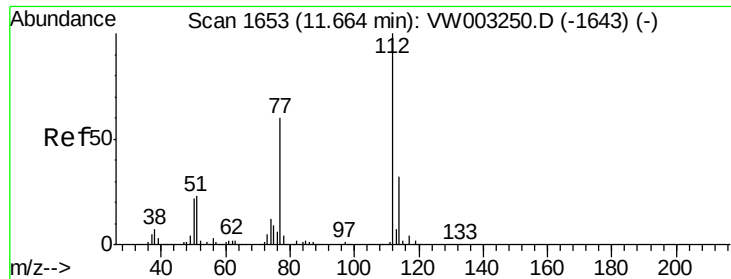
apatel
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#64
Tetrachloroethene
Concen: 22.36 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003580.D
Acq: 26 Jun 2018 21:05

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	43509		
166	124.2		102.6	154.0
129	89.8		75.2	112.8
131	89.3		75.0	112.4





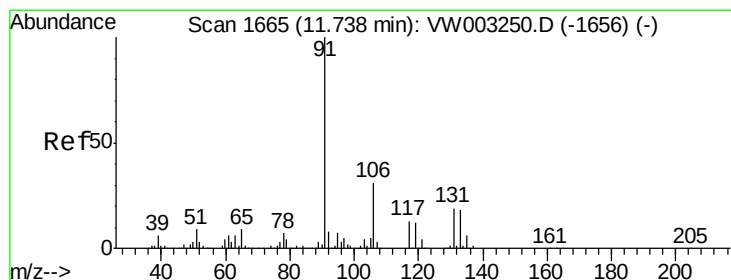
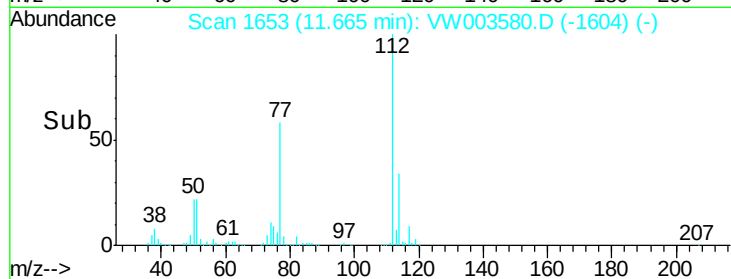
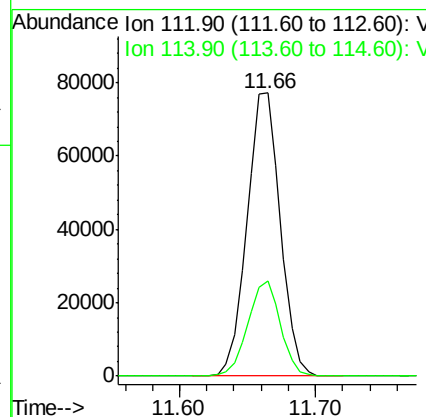
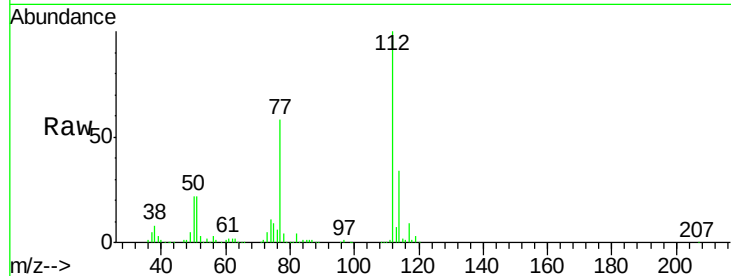
#65
Chlorobenzene
Concen: 21.79 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VW003580.D
Acq: 26 Jun 2018 21:05

Instrument :
MSVOA_W
ClientSampleId :
VW0627SBS01

Tot Ion:112 Resp: 131993
Ion Ratio Lower Upper
112 100
114 33.8 25.9 38.9

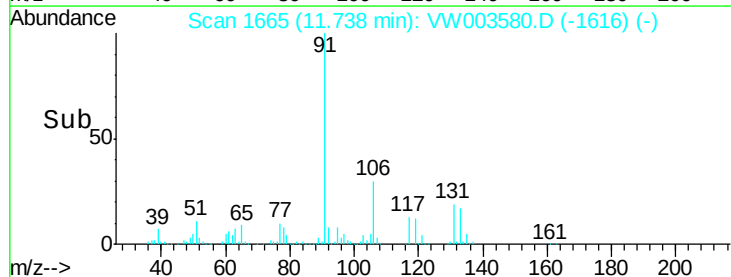
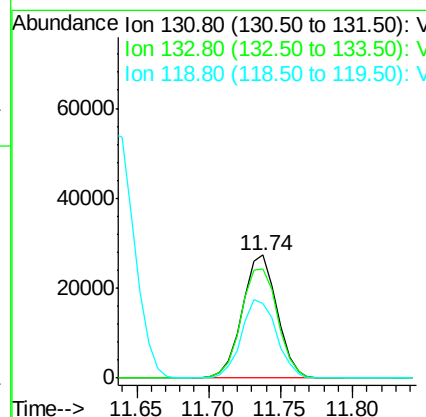
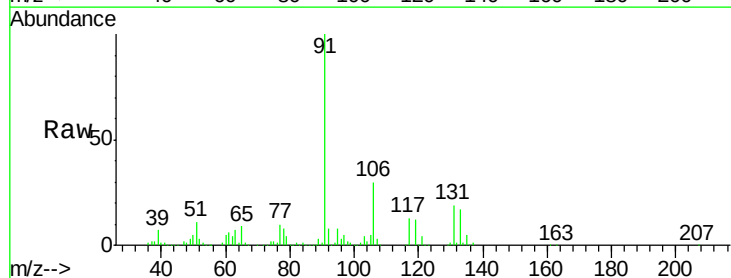
Manual Integrations
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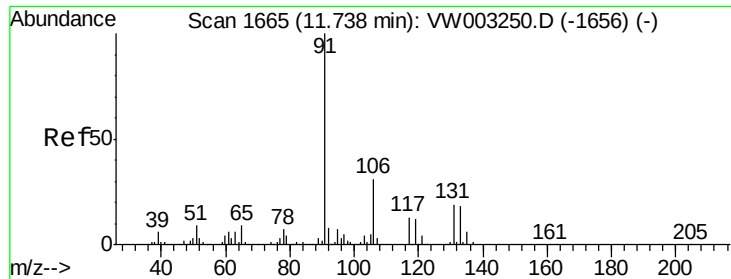
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.52 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003580.D
Acq: 26 Jun 2018 21:05

Tgt Ion:131 Resp: 45808
Ion Ratio Lower Upper
131 100
133 94.0 47.3 142.0
119 64.5 32.5 97.4





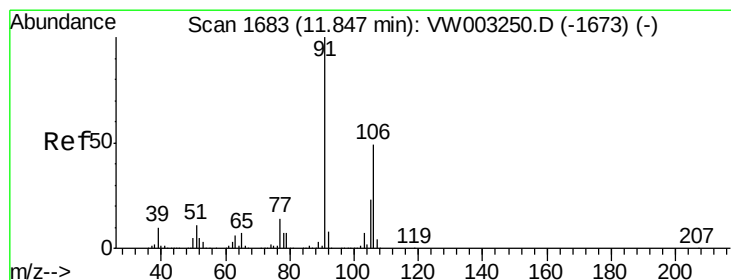
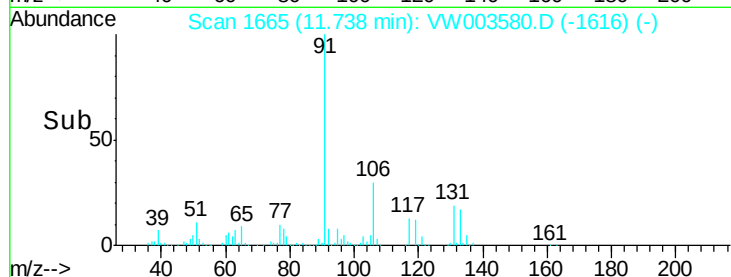
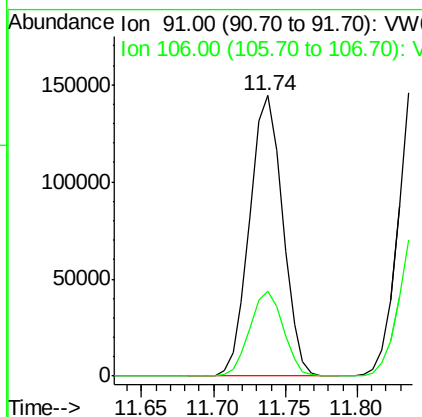
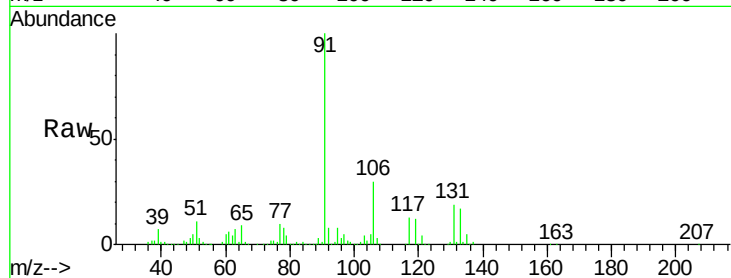
#67
Ethyl Benzene
Concen: 21.41 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003580.D
Acq: 26 Jun 2018 21:05

Instrument :
MSVOA_W
ClientSampleId :
VW0627SBS01

Tot Ion: 91 Resp: 229878
Ion Ratio Lower Upper
91 100
106 30.3 24.7 37.1

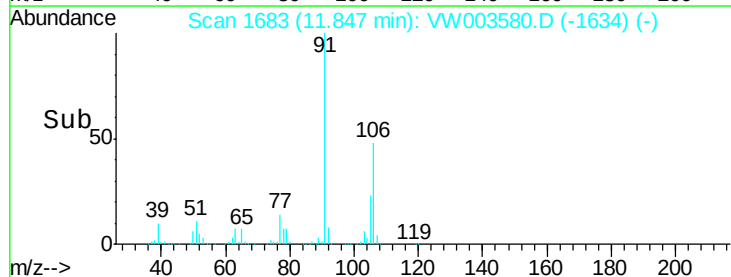
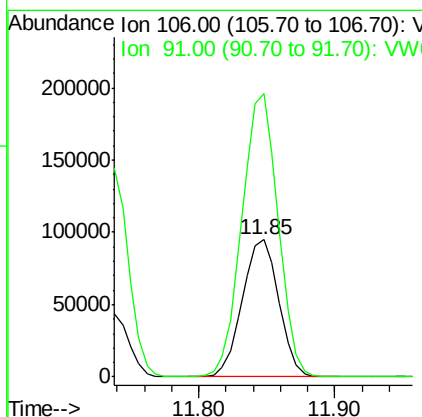
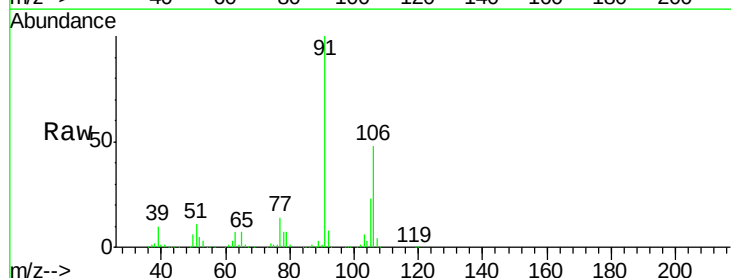
Manual Integrations
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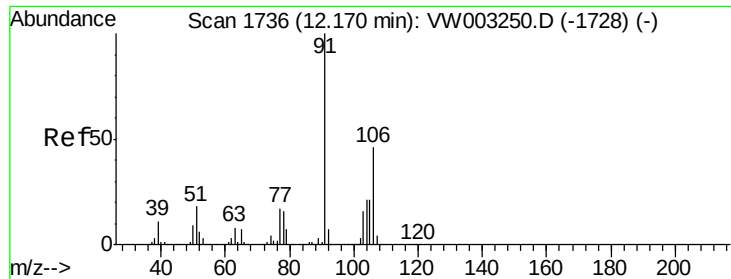
apatel
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#68
m/p-Xylenes
Concen: 43.69 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW003580.D
Acq: 26 Jun 2018 21:05

Tgt Ion: 106 Resp: 178329
Ion Ratio Lower Upper
106 100
91 204.5 165.4 248.0





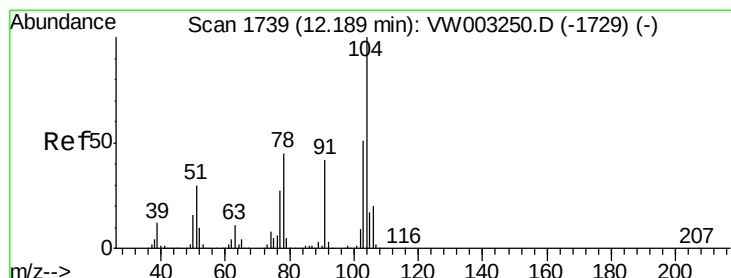
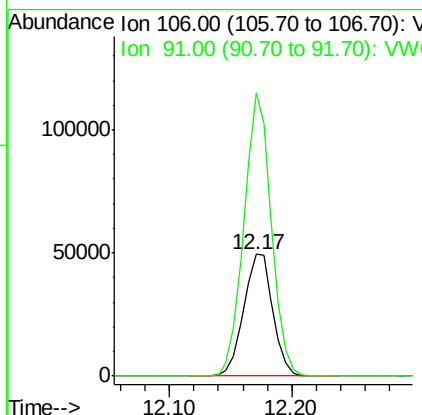
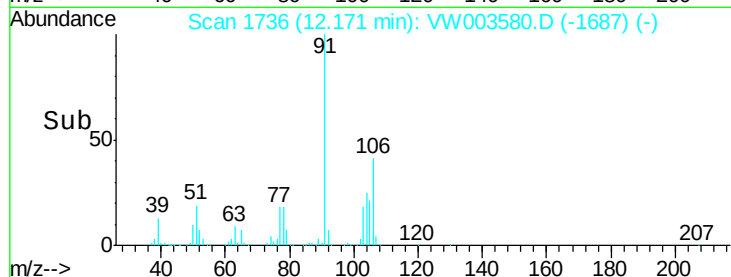
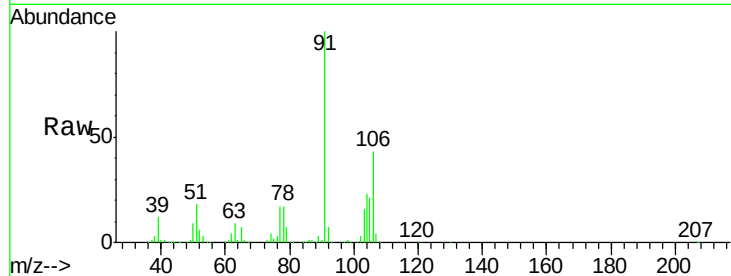
#69
o-Xylene
Concen: 21.53 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003580.D
Acq: 26 Jun 2018 21:05

Instrument :
MSVOA_W
ClientSampled :
VW0627SBS01

Tot Ion:106 Resp: 81435
Ion Ratio Lower Upper
106 100
91 219.9 108.6 325.6

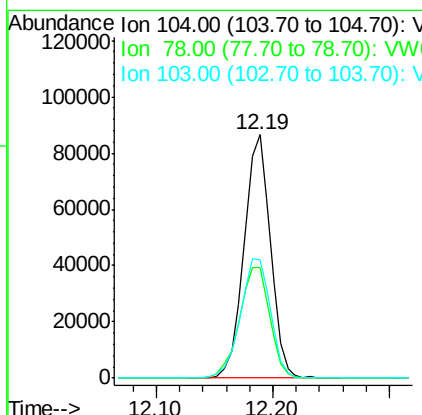
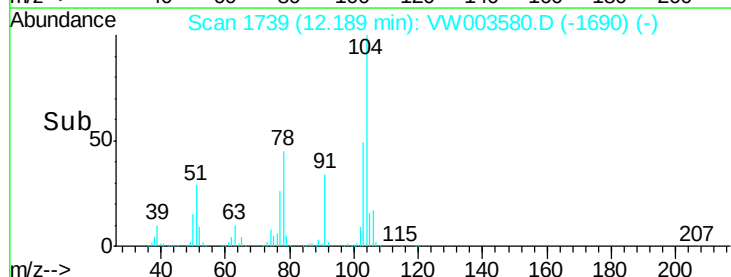
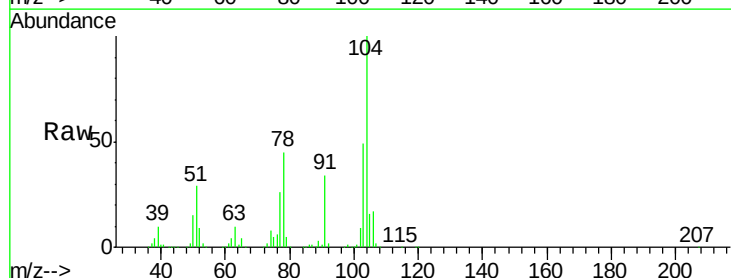
Manual Integrations
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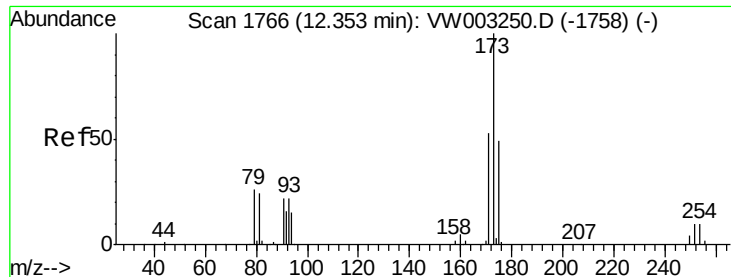
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#70
Styrene
Concen: 21.85 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW003580.D
Acq: 26 Jun 2018 21:05

Tgt Ion:104 Resp: 137574
Ion Ratio Lower Upper
104 100
78 52.2 41.3 61.9
103 55.9 45.0 67.4





#71

Bromoform

Concen: 21.63 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW003580.D

Acq: 26 Jun 2018 21:05

Instrument :

MSVOA_W

ClientSampleId :

VW0627SBS01

Tot Ion:173 Resp: 23867

Ion Ratio Lower Upper

173 100

175 49.5 24.4 73.4

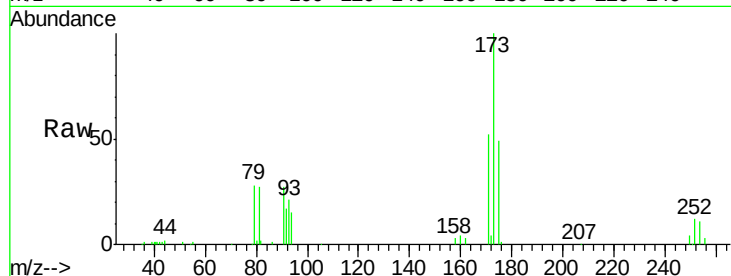
254 0.0 0.1 0.1#

Manual Integrations

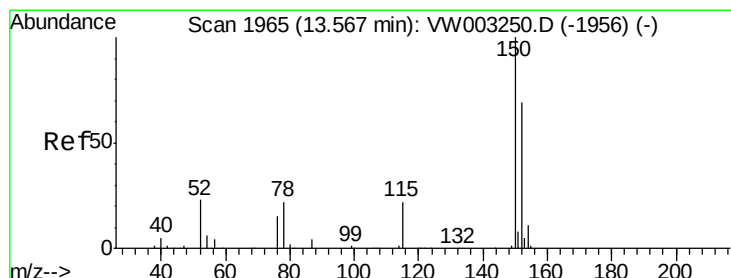
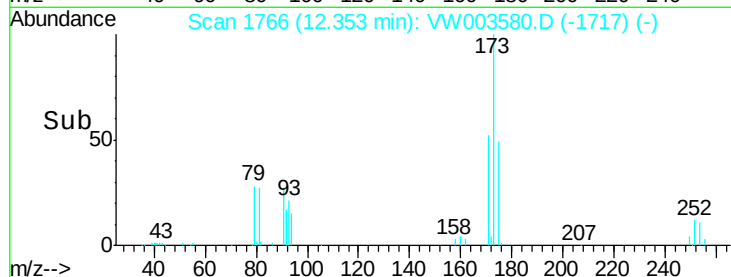
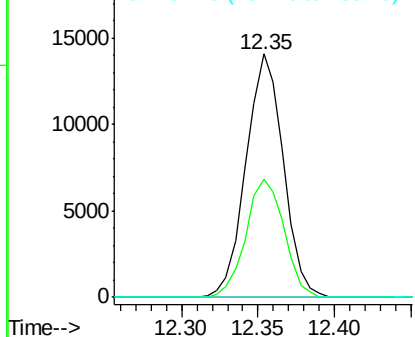
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW003580.D

Acq: 26 Jun 2018 21:05

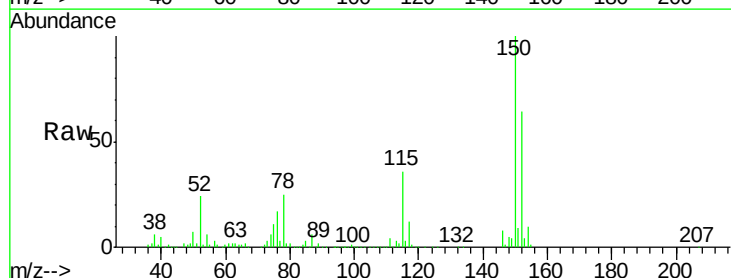
Tgt Ion:152 Resp: 157054

Ion Ratio Lower Upper

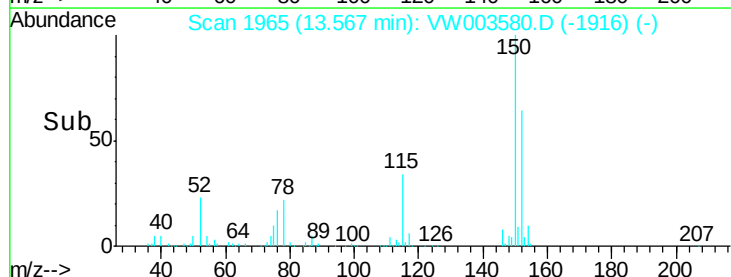
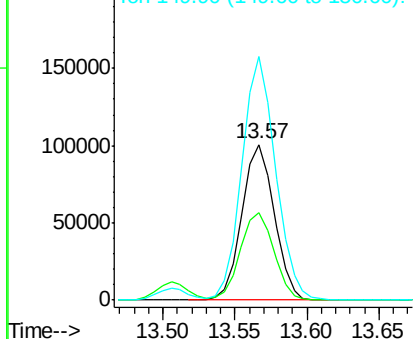
152 100

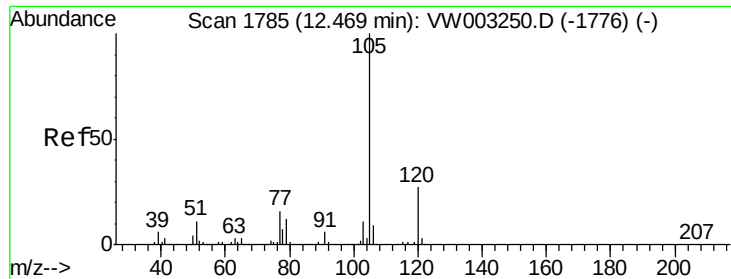
115 58.2 29.3 88.0

150 162.8 0.0 349.6



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





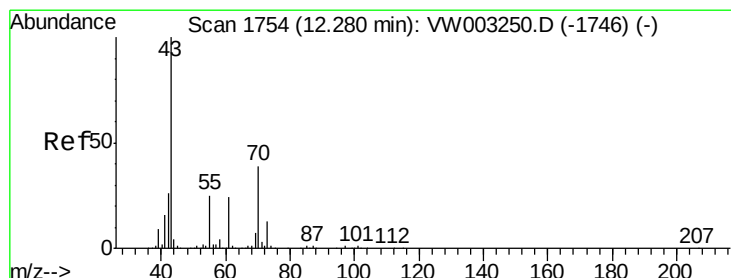
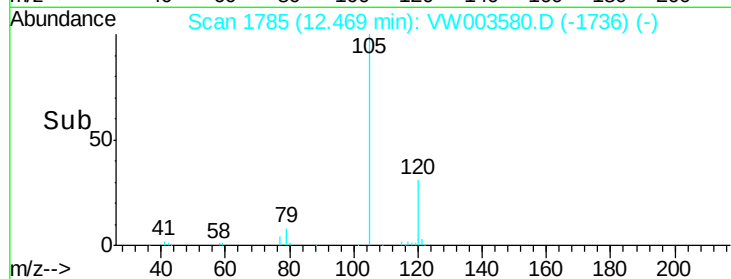
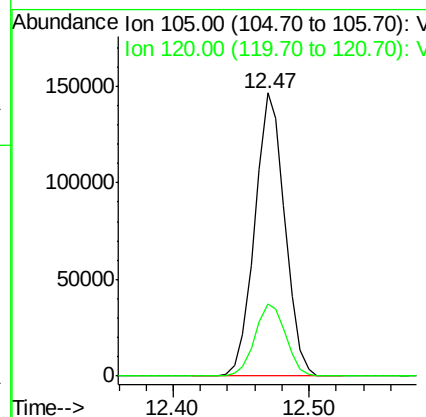
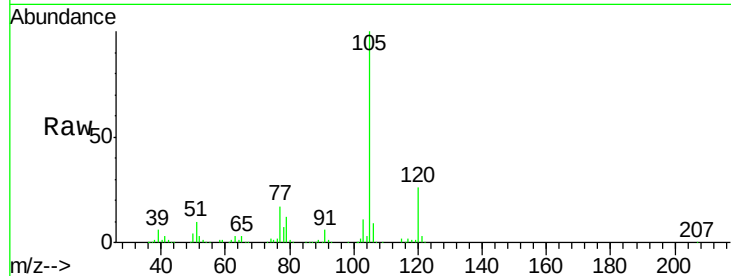
#73
Isopropylbenzene
Concen: 20.75 ug/l
RT: 12.47 min Scan# 1785
Delta R.T. 0.00 min
Lab File: VW003580.D
Acq: 26 Jun 2018 21:05

Instrument :
MSVOA_W
ClientSampleId :
VW0627SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.1	13.2	39.6

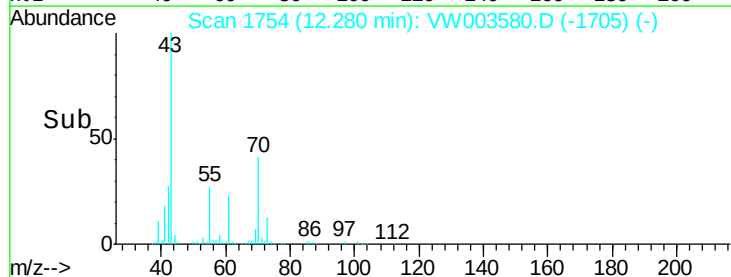
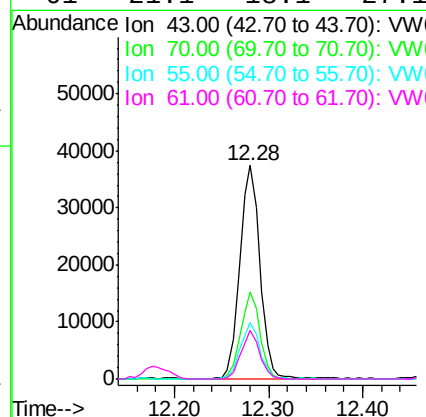
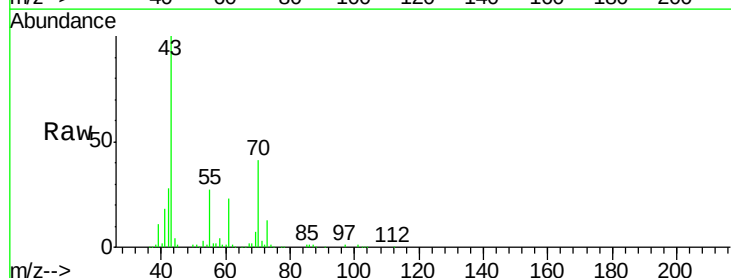
Manual Integrations
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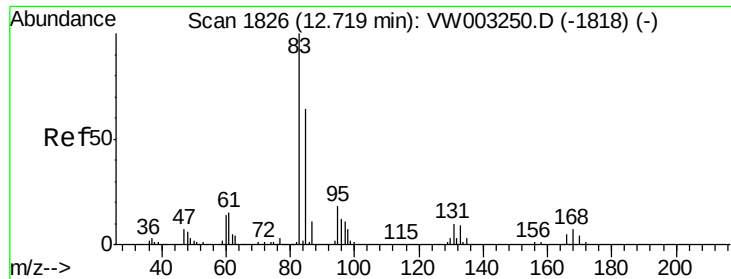
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#74
N-ethyl acetate
Concen: 22.44 ug/l
RT: 12.28 min Scan# 1754
Delta R.T. 0.00 min
Lab File: VW003580.D
Acq: 26 Jun 2018 21:05

Tgt Ion	Ratio	Lower	Upper
43	100		
70	39.0	31.0	46.6
55	25.6	19.7	29.5
61	21.1	18.1	27.1





#75

1,1,2,2-Tetrachloroethane

Concen: 23.13 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW003580.D

Acq: 26 Jun 2018 21:05

Instrument :

MSVOA_W

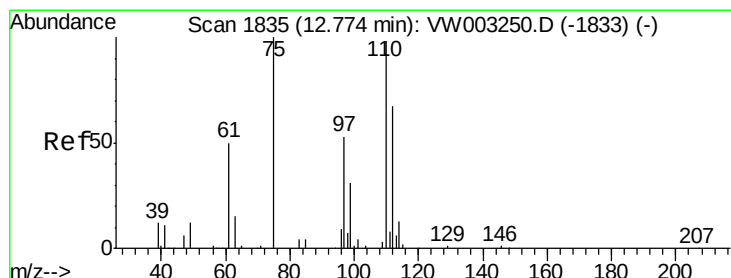
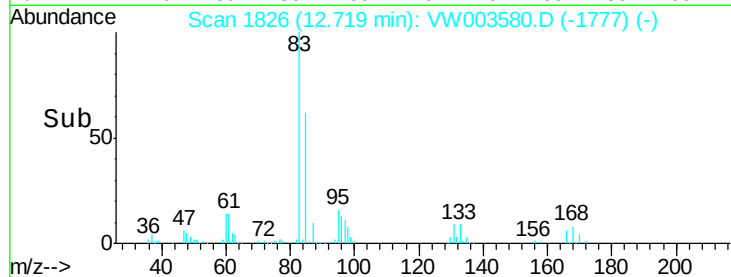
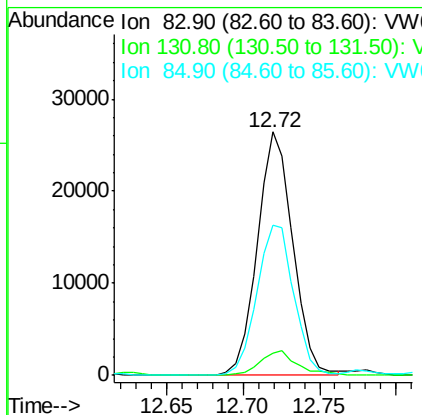
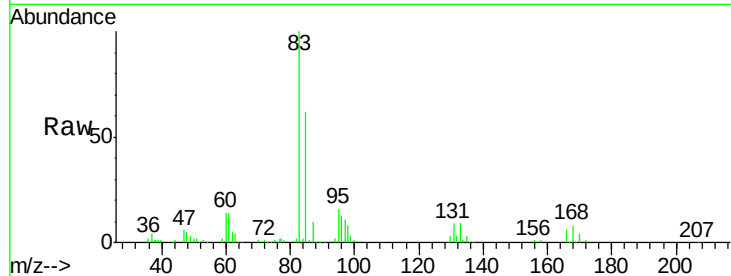
ClientSampleId :

VW0627SBS01

Tot Ion:	83	Resp:	42750
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.4	16.2
85	64.2	31.9	95.7

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 22.10 ug/l m

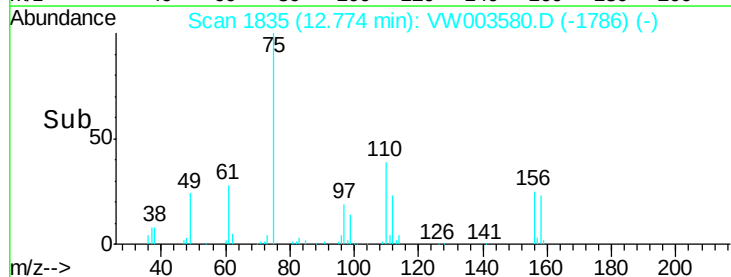
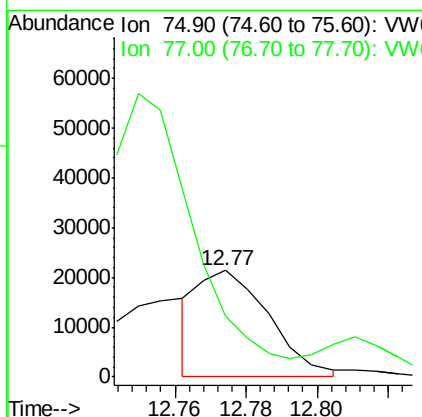
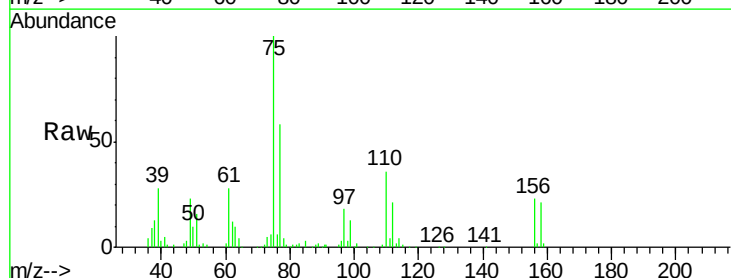
RT: 12.77 min Scan# 1835

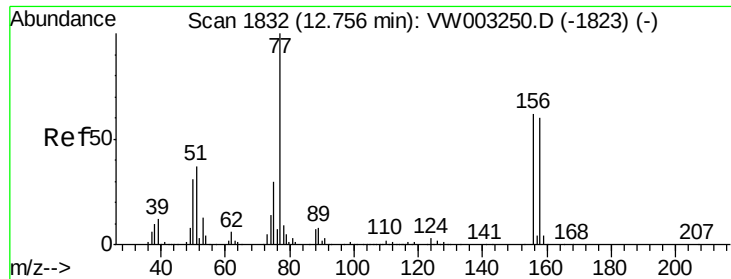
Delta R.T. 0.00 min

Lab File: VW003580.D

Acq: 26 Jun 2018 21:05

Tgt Ion:	75	Resp:	29675
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.38 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VW003580.D

Acq: 26 Jun 2018 21:05

Instrument :

MSVOA_W

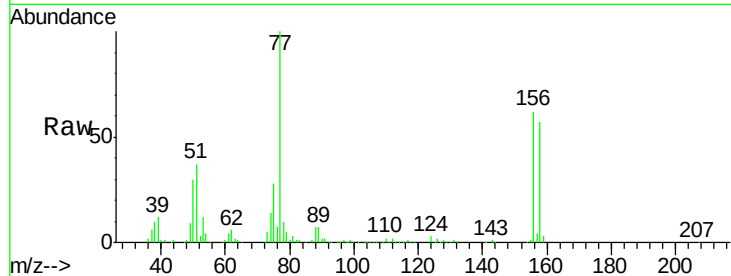
ClientSampled :

VW0627SBS01

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	191.3	92.3	276.9	
158	95.6	47.5	142.6	

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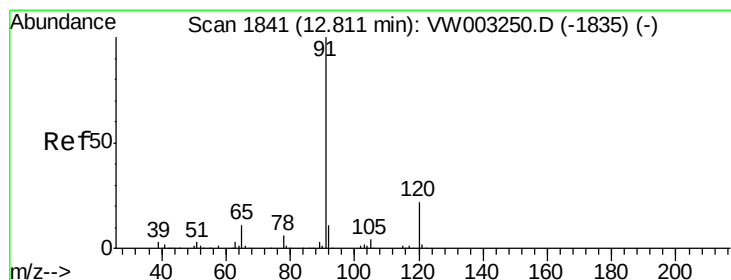
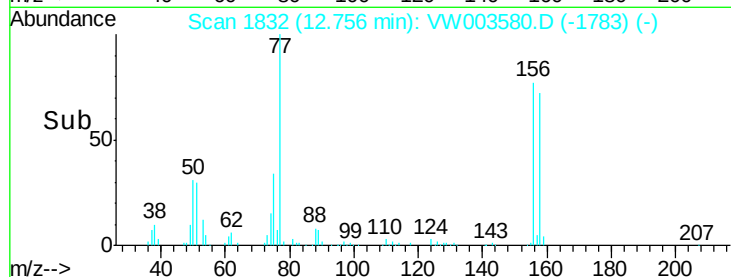
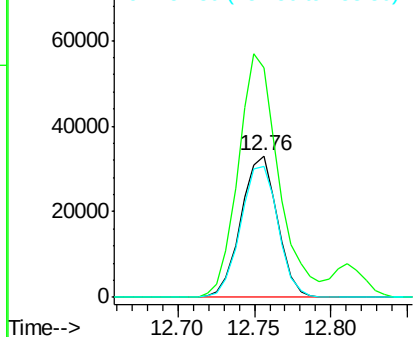
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.37 ug/l

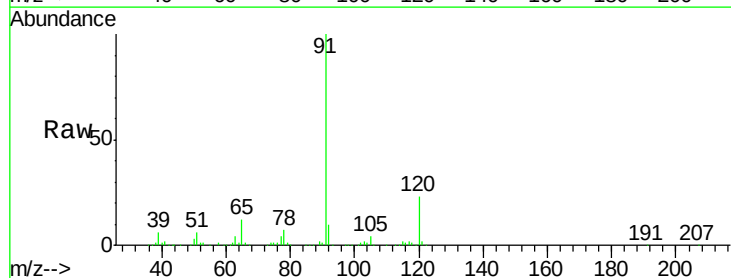
RT: 12.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VW003580.D

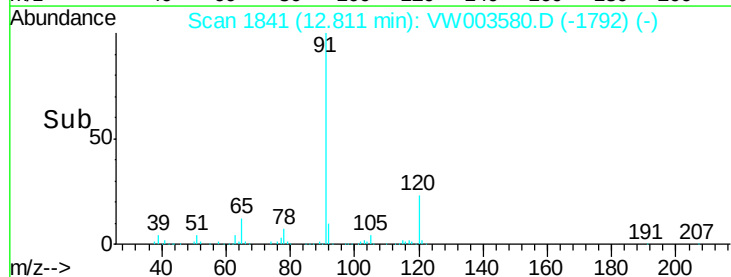
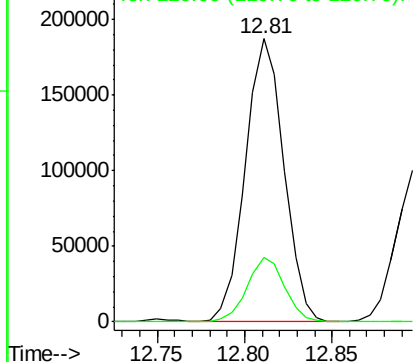
Acq: 26 Jun 2018 21:05

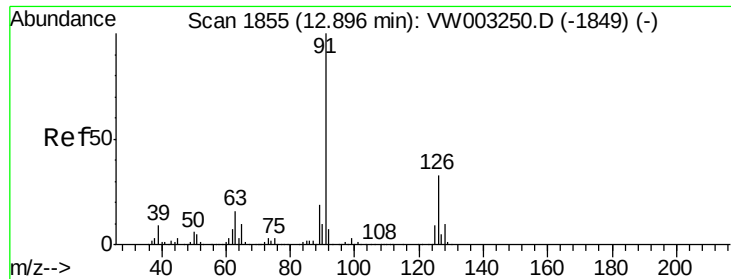
Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	22.3	11.3	33.8	



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.79 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW003580.D

Acq: 26 Jun 2018 21:05

Instrument :

MSVOA_W

ClientSampled :

VW0627SBS01

Tot Ion: 91 Resp: 164738

Ion Ratio Lower Upper

91 100

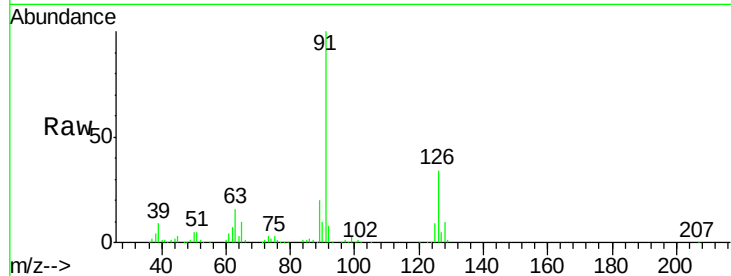
126 33.4 16.8 50.4

Manual Integrations

APPROVED

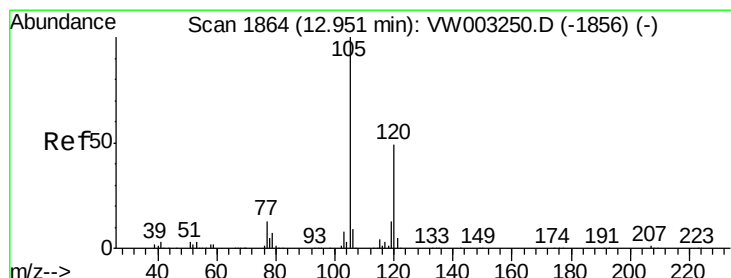
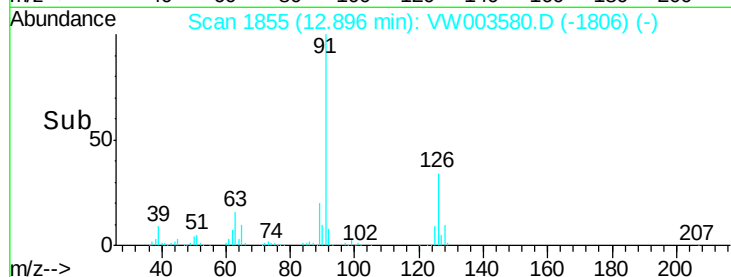
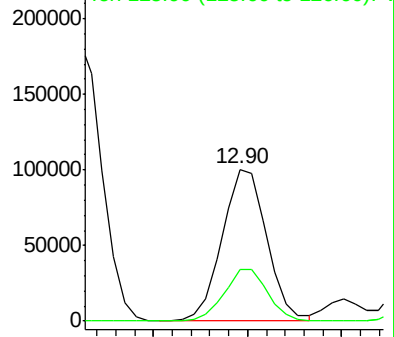
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 21.42 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW003580.D

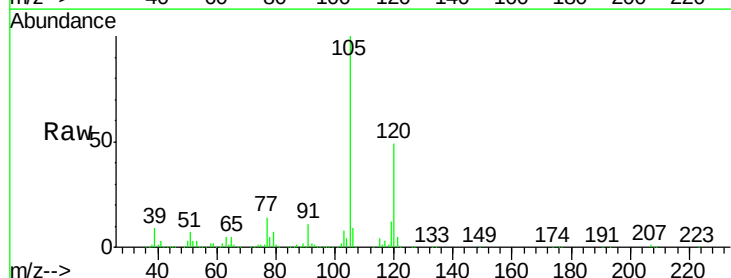
Acq: 26 Jun 2018 21:05

Tgt Ion:105 Resp: 196397

Ion Ratio Lower Upper

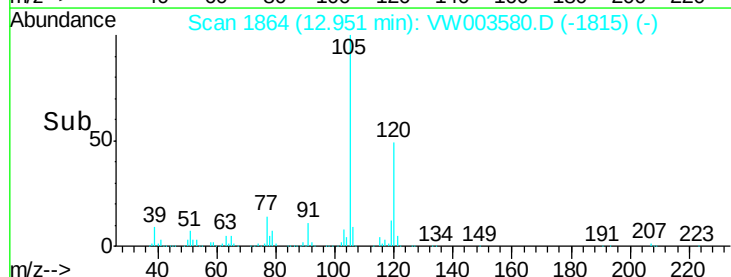
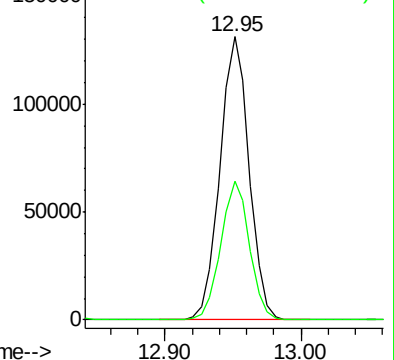
105 100

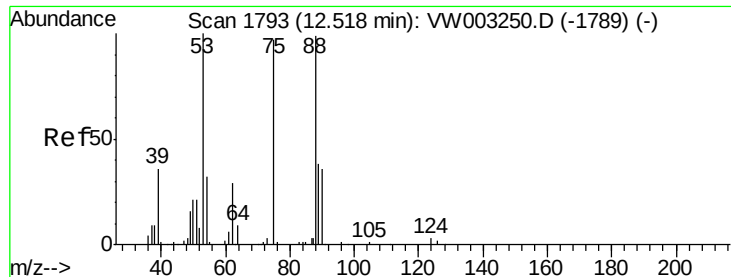
120 48.6 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 20.40 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VW003580.D

Acq: 26 Jun 2018 21:05

Instrument :

MSVOA_W

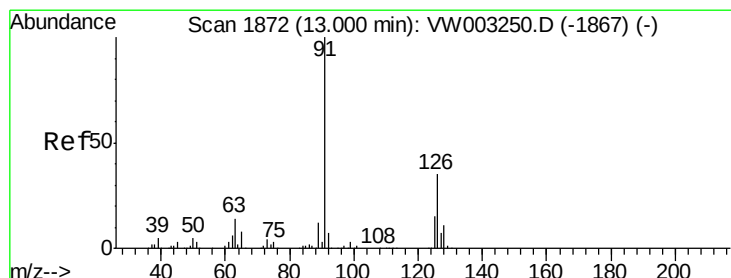
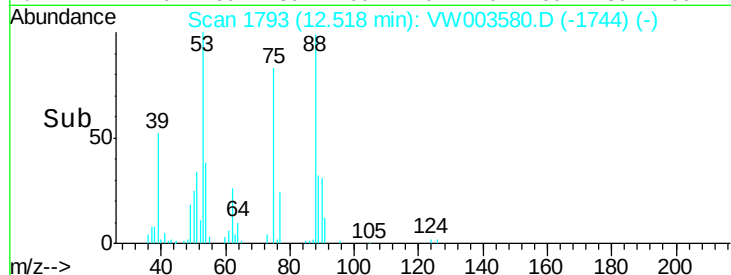
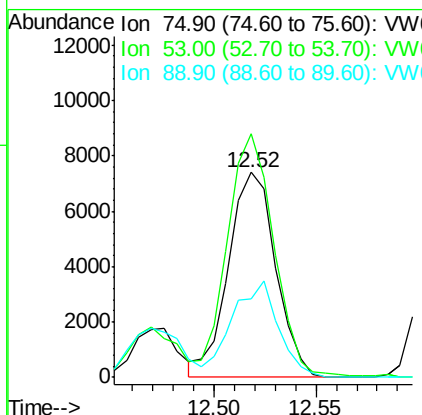
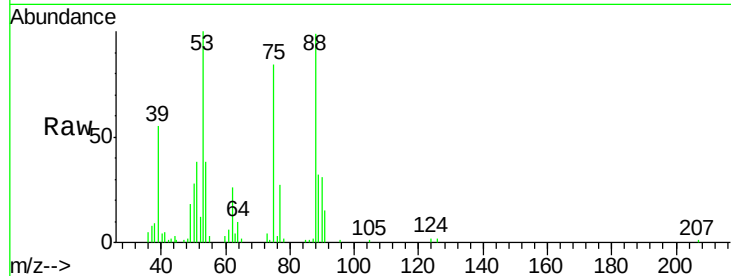
ClientSampled :

VW0627SBS01

Tot Ion:	75	Resp:	11904
Ion	Ratio	Lower	Upper
75	100		
53	118.3	82.9	124.3
89	46.2	36.7	55.1

Manual Integrations
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#82

4-Chlorotoluene

Concen: 21.50 ug/l

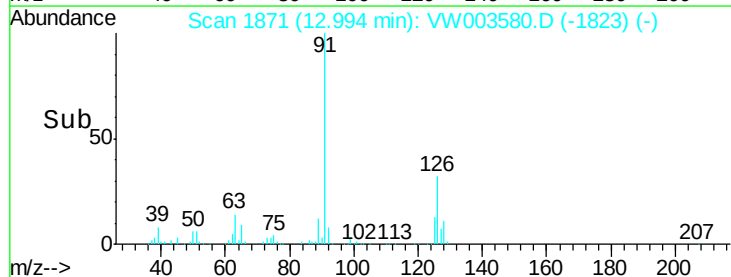
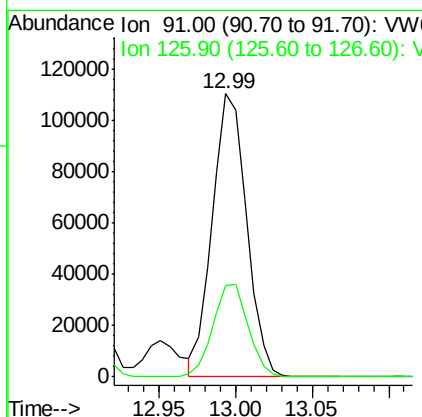
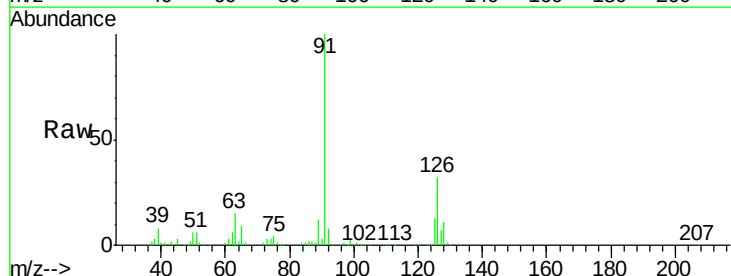
RT: 12.99 min Scan# 1871

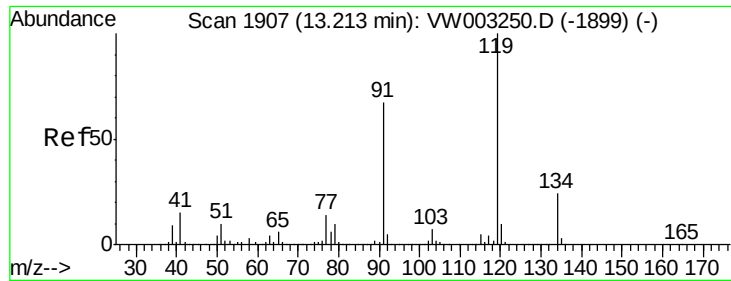
Delta R.T. -0.01 min

Lab File: VW003580.D

Acq: 26 Jun 2018 21:05

Tgt Ion:	91	Resp:	172406
Ion	Ratio	Lower	Upper
91	100		
126	33.6	16.8	50.3





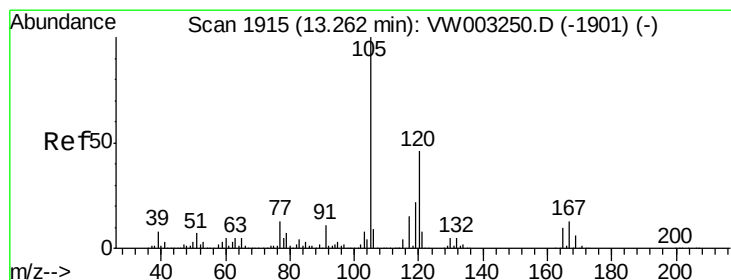
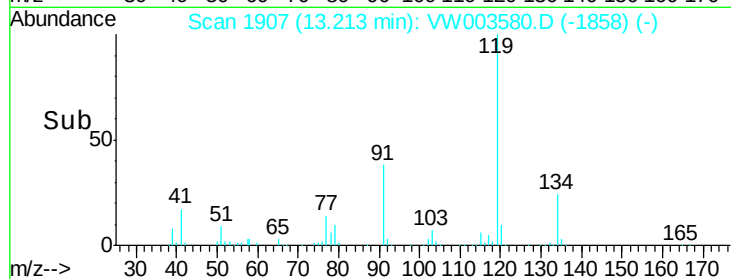
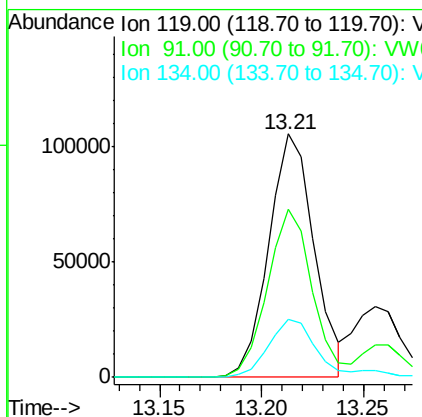
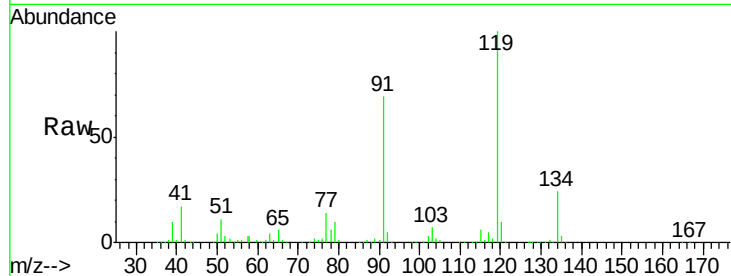
#83
tert-Butylbenzene
Concen: 20.97 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. 0.00 min
Lab File: VW003580.D
Acq: 26 Jun 2018 21:05

Instrument :
MSVOA_W
ClientSampleId :
VW0627SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	163898		
91	68.5	33.9	101.7	
134	24.3	13.4	40.1	

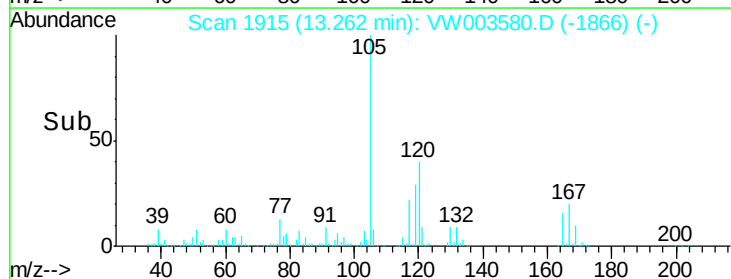
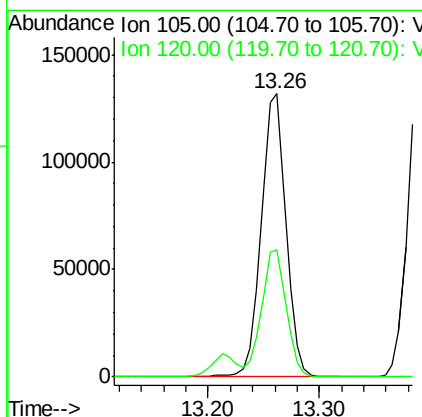
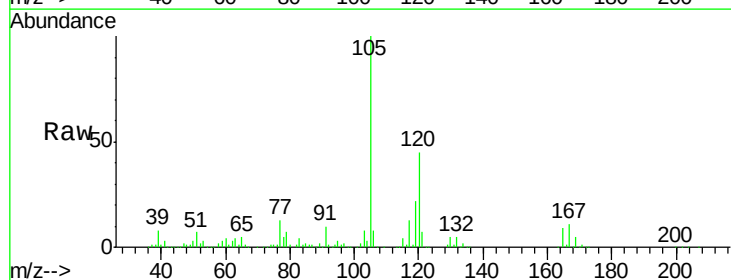
Manual Integrations
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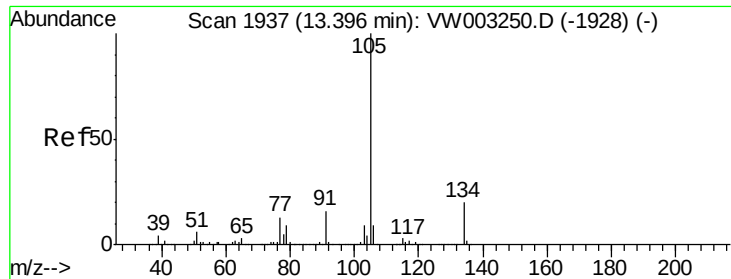
apatel
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#84
1,2,4-Trimethylbenzene
Concen: 21.76 ug/l
RT: 13.26 min Scan# 1915
Delta R.T. 0.00 min
Lab File: VW003580.D
Acq: 26 Jun 2018 21:05

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	205203		
120	44.8	22.5	67.5	





#85

sec-Butylbenzene

Concen: 21.17 ug/l

RT: 13.39 min Scan# 1936

Delta R.T. -0.01 min

Lab File: VW003580.D

Acq: 26 Jun 2018 21:05

Instrument :

MSVOA_W

ClientSampleId :

VW0627SBS01

Tot Ion:105 Resp: 245874

Ion Ratio Lower Upper

105 100

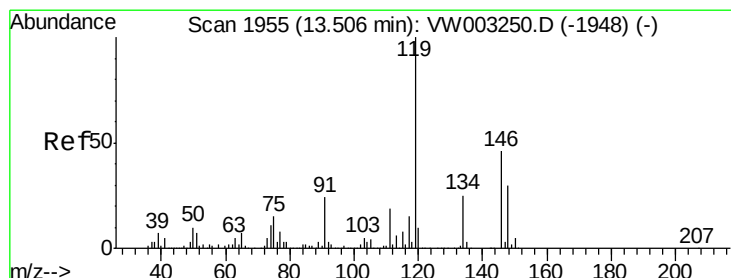
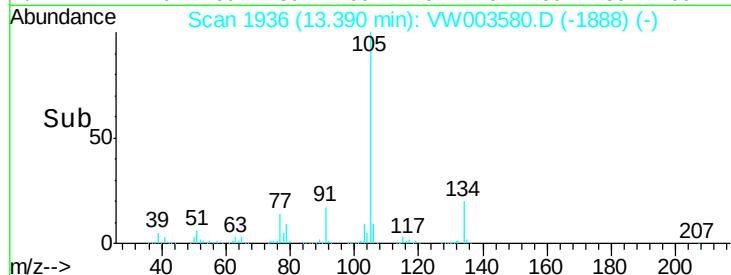
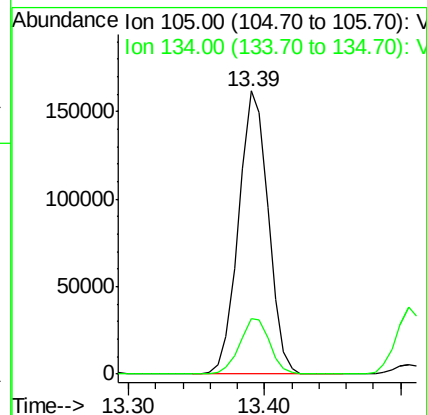
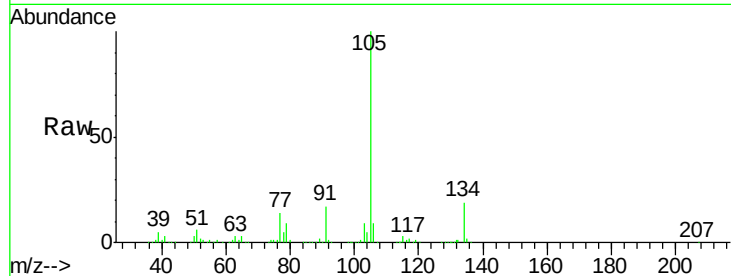
134 19.6 9.8 29.5

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 21.05 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW003580.D

Acq: 26 Jun 2018 21:05

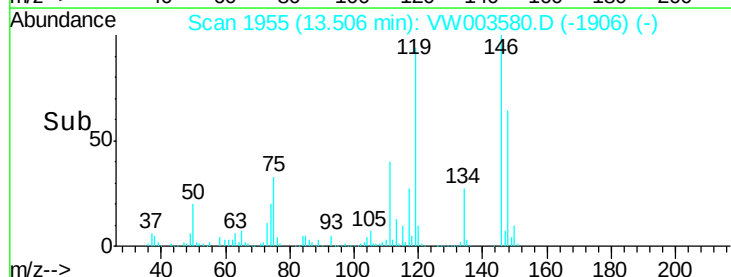
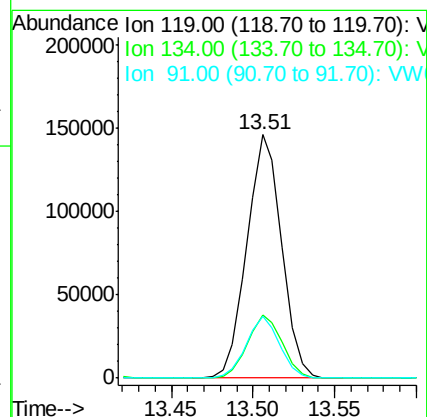
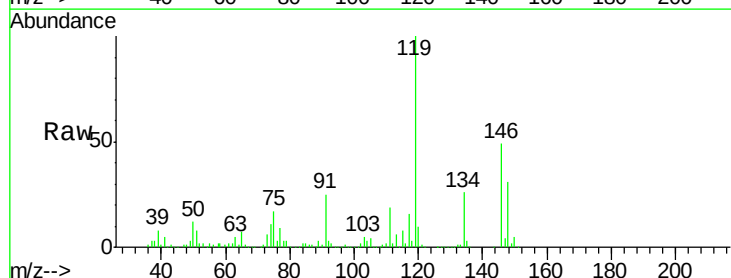
Tgt Ion:119 Resp: 215645

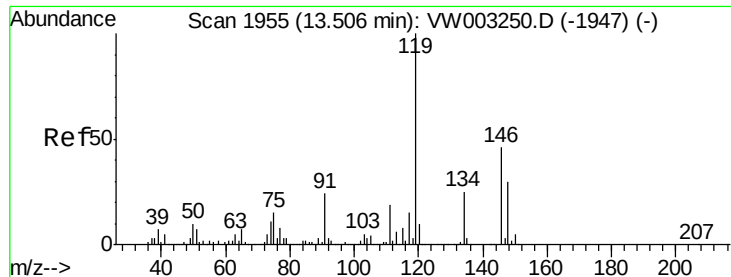
Ion Ratio Lower Upper

119 100

134 25.9 12.9 38.7

91 24.3 11.8 35.3





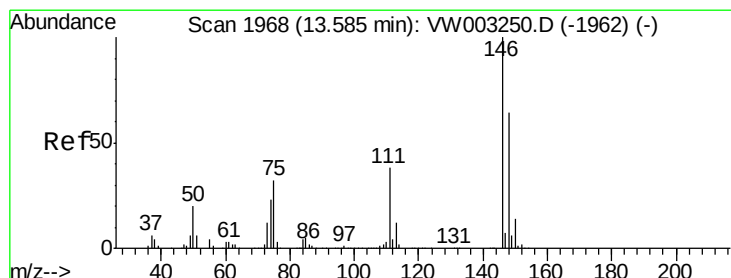
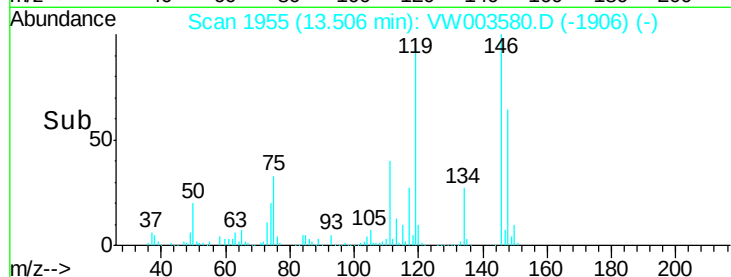
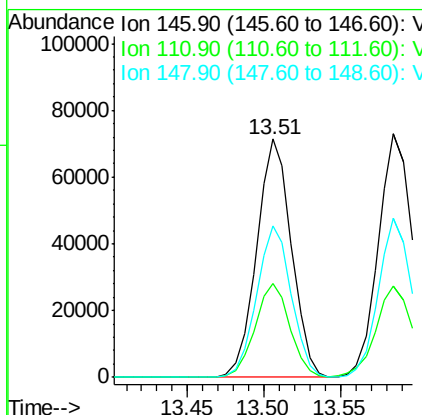
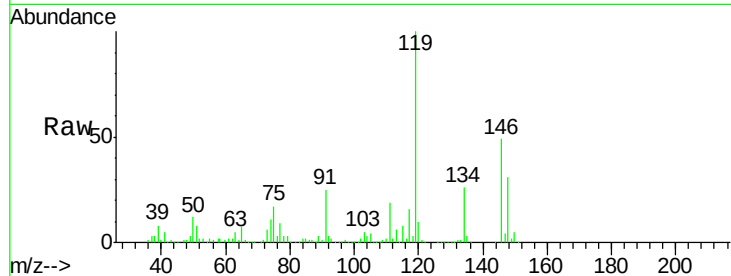
#87
 1,3-Dichlorobenzene
 Concen: 21.59 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003580.D
 Acq: 26 Jun 2018 21:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0627SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	112828		
111	39.6	19.8	59.4	
148	63.5	32.1	96.5	

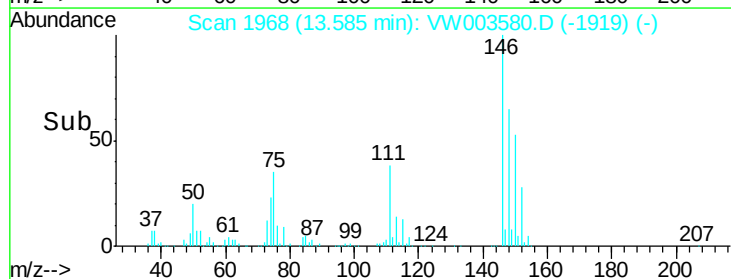
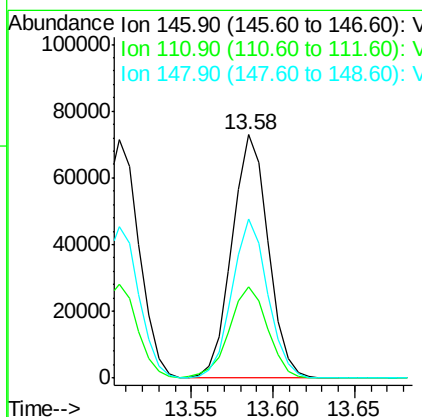
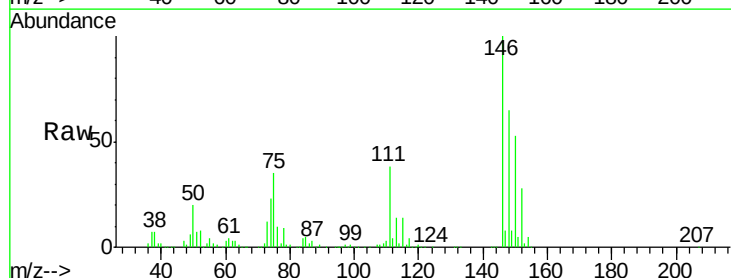
Manual Integrations
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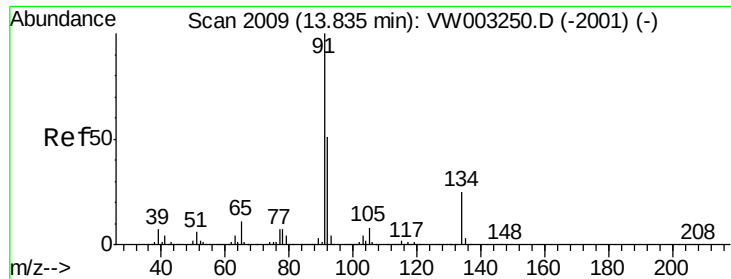
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#88
 1,4-Dichlorobenzene
 Concen: 21.72 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW003580.D
 Acq: 26 Jun 2018 21:05

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	112862		
111	39.7	19.2	57.6	
148	64.5	31.8	95.4	





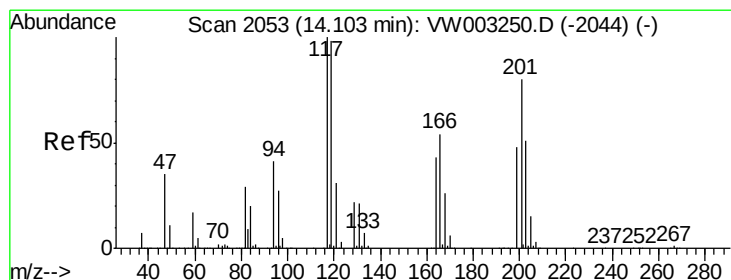
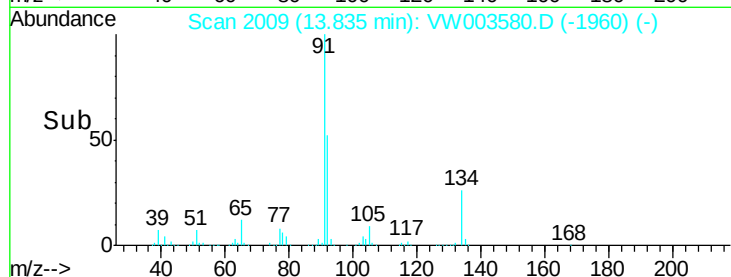
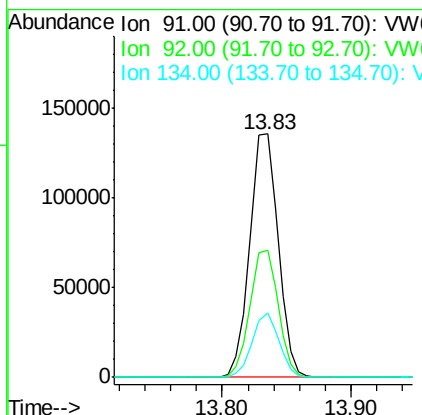
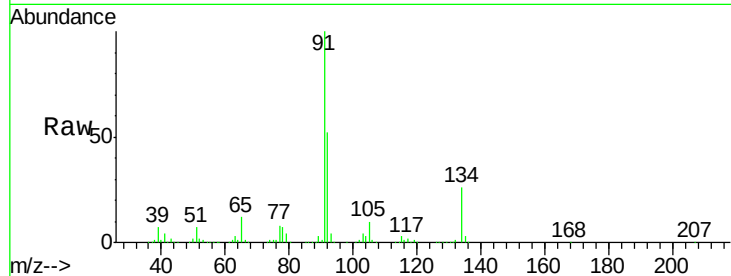
#89
n-Butylbenzene
Concen: 20.68 ug/l
RT: 13.83 min Scan# 2009
Delta R.T. 0.00 min
Lab File: VW003580.D
Acq: 26 Jun 2018 21:05

Instrument :
MSVOA_W
ClientSampleId :
VW0627SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.9	26.0	78.0
134	25.0	12.7	38.0

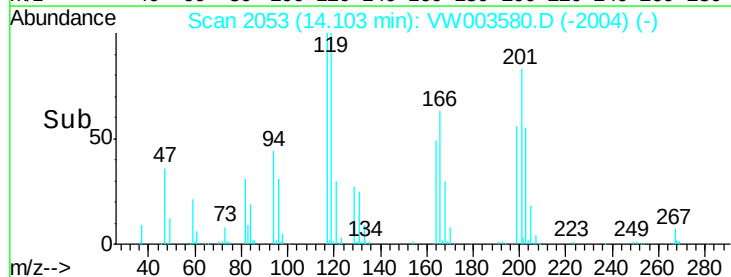
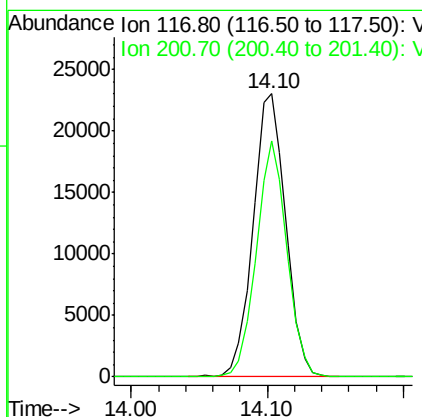
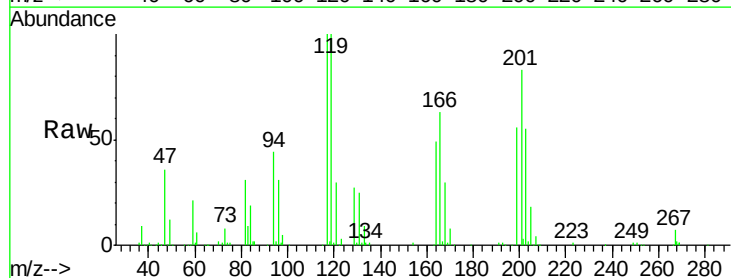
Manual Integrations
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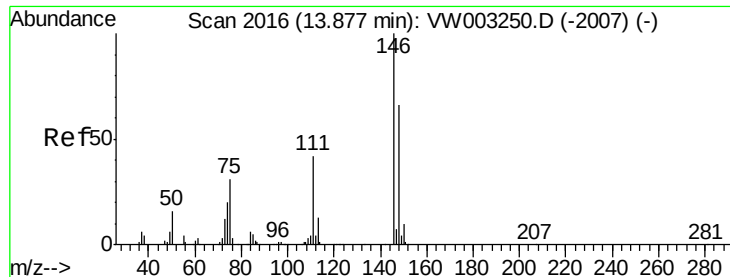
apatel
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#90
Hexachloroethane
Concen: 20.94 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.00 min
Lab File: VW003580.D
Acq: 26 Jun 2018 21:05

Tgt Ion	Ratio	Lower	Upper
117	100		
201	77.9	39.5	118.5





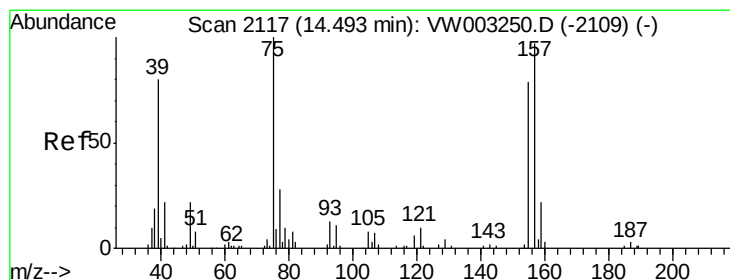
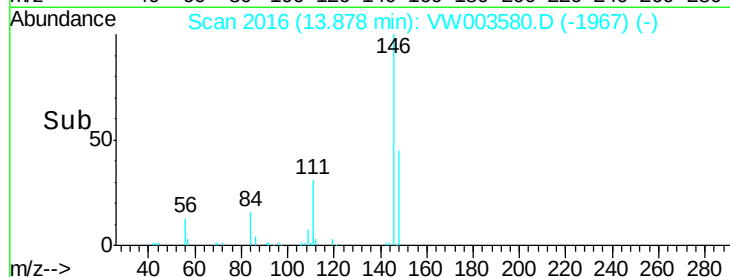
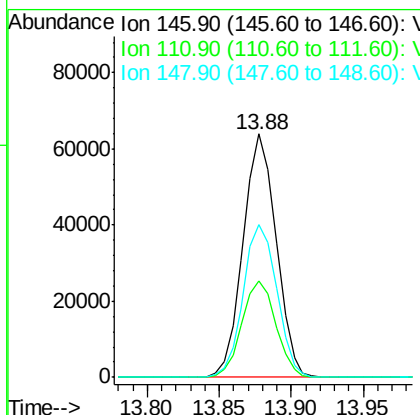
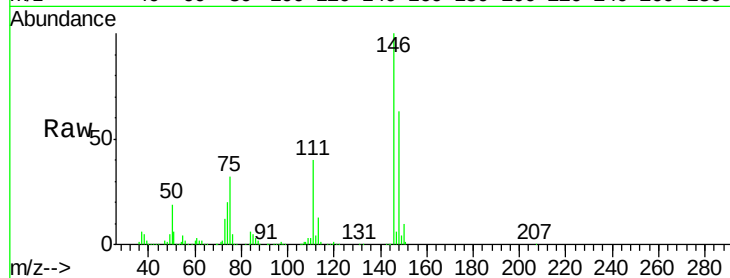
#91
 1,2-Dichlorobenzene
 Concen: 22.21 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW003580.D
 Acq: 26 Jun 2018 21:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0627SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.3	61.0
148	63.8	32.3	96.9

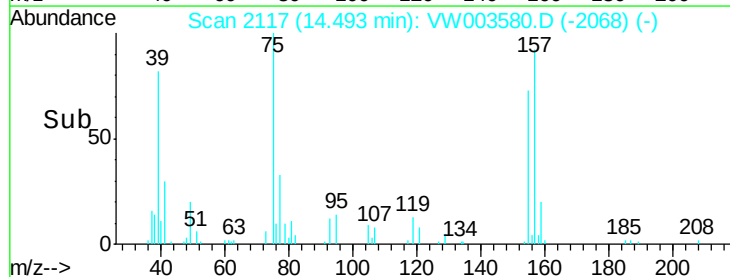
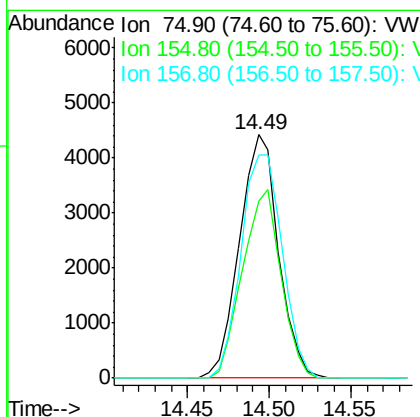
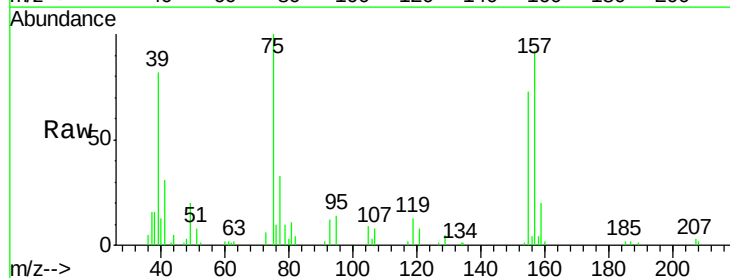
Manual Integrations
 APPROVED

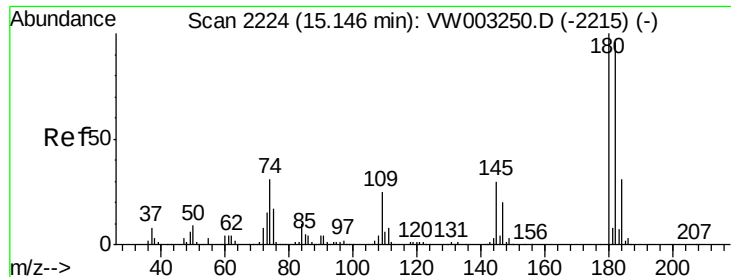
apatel
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 23.77 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW003580.D
 Acq: 26 Jun 2018 21:05

Tgt Ion	Ratio	Lower	Upper
75	100		
155	76.1	39.4	118.2
157	97.0	51.5	154.5





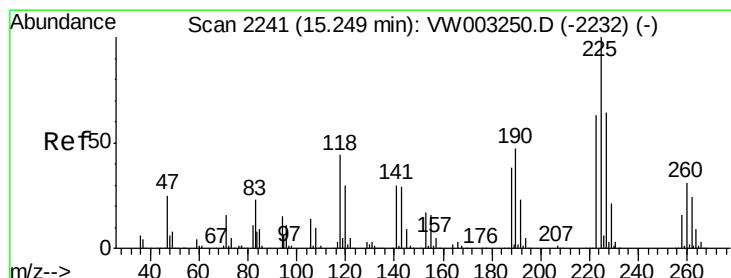
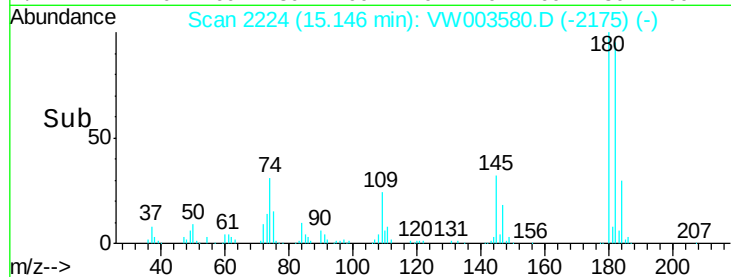
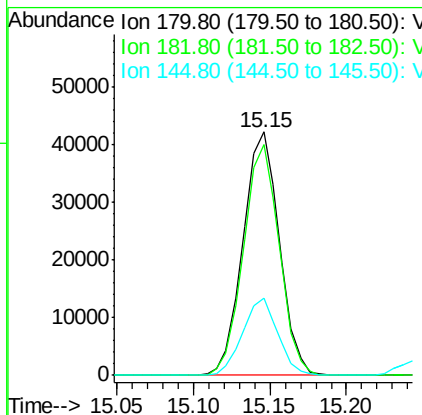
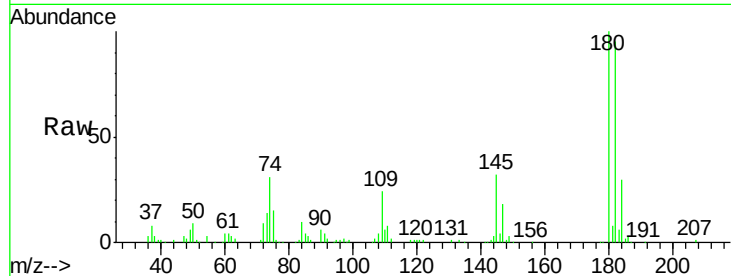
#93
 1,2,4-Trichlorobenzene
 Concen: 21.61 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW003580.D
 Acq: 26 Jun 2018 21:05

Instrument :
 MSVOA_W
 ClientSampled :
 VW0627SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.5	47.9	143.6
145	30.7	15.2	45.5

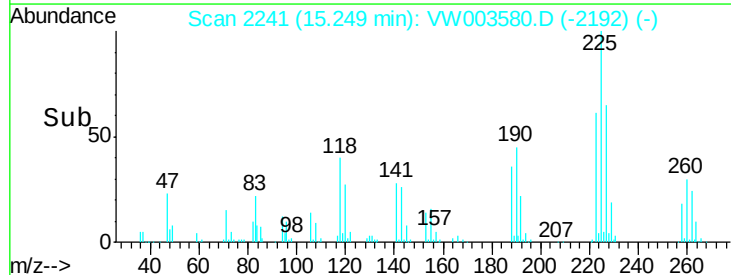
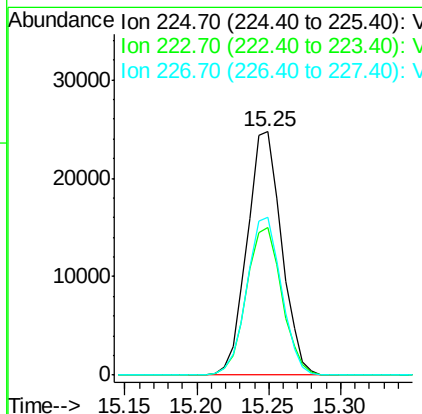
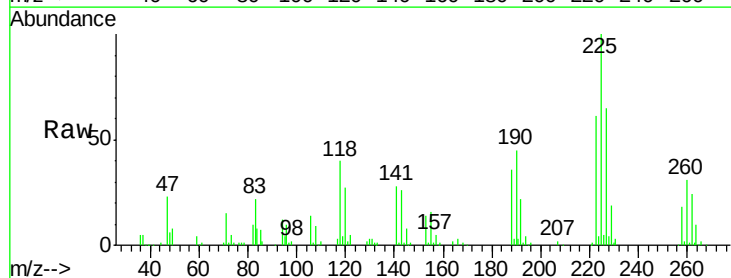
Manual Integrations
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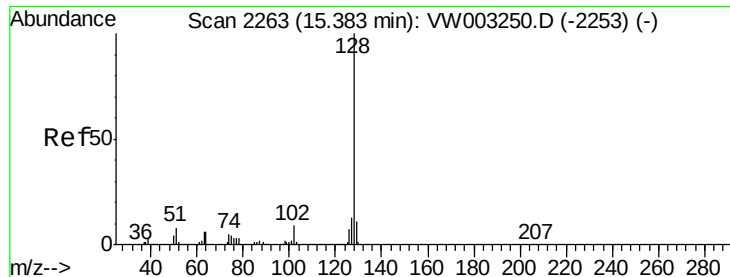
apatel
 6/27/2018 11:46:51 AM



#94
 Hexachlorobutadiene
 Concen: 21.16 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: VW003580.D
 Acq: 26 Jun 2018 21:05

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	30.6	92.0
227	65.0	31.7	95.1





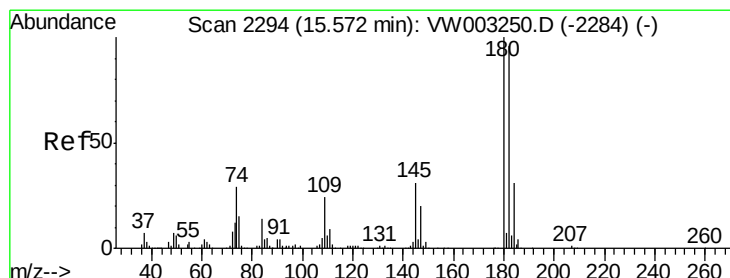
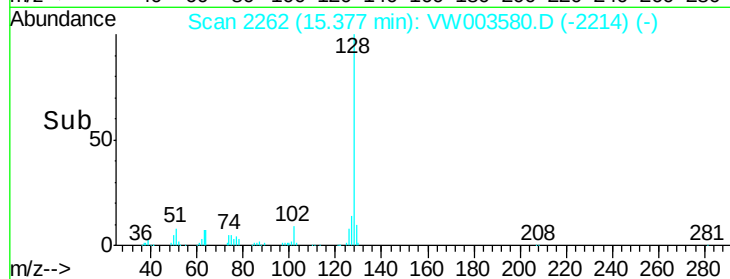
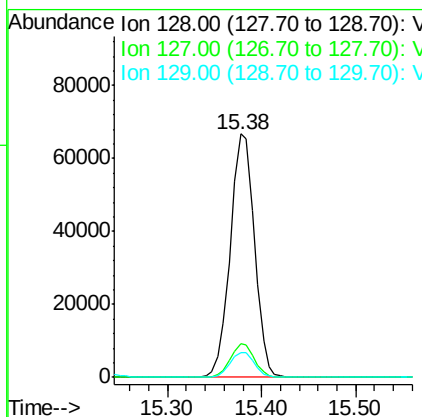
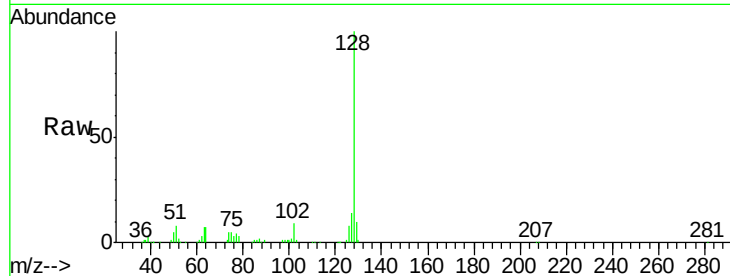
#95
Naphthalene
Concen: 21.88 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. -0.01 min
Lab File: VW003580.D
Acq: 26 Jun 2018 21:05

Instrument :
MSVOA_W
ClientSampleId :
VW0627SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.5	15.7
129	10.5	8.9	13.3

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 21.77 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.01 min
Lab File: VW003580.D
Acq: 26 Jun 2018 21:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.9	143.6
145	32.4	15.8	47.4

