

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062918\
 Data File : VW003656.D
 Acq On : 29 Jun 2018 13:23
 Operator : SY/AP
 Sample : VW0629SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0629SBS01

Manual Integrations
 APPROVED

apatel
 7/2/2018 10:23:17 AM

Quant Time: Jun 30 03:57:17 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	221232	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	337849	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	313008	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	169557	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	123358	51.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.96%	
35) Dibromofluoromethane	7.88	113	109438	52.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.26%	
50) Toluene-d8	10.33	98	439134	52.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.50%	
62) 4-Bromofluorobenzene	12.62	95	160428	54.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	15525m	23.21	ug/l	
3) Chloromethane	2.21	50	33266	19.69	ug/l	96
4) Vinyl Chloride	2.36	62	49549	20.11	ug/l	98
5) Bromomethane	2.78	94	29740	18.16	ug/l	97
6) Chloroethane	2.92	64	32173	18.76	ug/l	98
7) Trichlorofluoromethane	3.25	101	30981	20.99	ug/l	94
8) Diethyl Ether	3.67	74	22604	20.85	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	44726	21.82	ug/l	99
10) Methyl Iodide	4.26	142	64000	20.65	ug/l	99
11) Tert butyl alcohol	5.26	59	13371	104.04	ug/l #	84
12) 1,1-Dichloroethene	4.03	96	42783	21.36	ug/l	92
13) Acrolein	3.89	56	11237	61.16	ug/l	98
14) Allyl chloride	4.66	41	72195	20.81	ug/l	99
15) Acrylonitrile	5.37	53	47280	105.99	ug/l	99
16) Acetone	4.15	43	54883	109.20	ug/l	98
17) Carbon Disulfide	4.37	76	121592	20.54	ug/l	99
18) Methyl Acetate	4.68	43	22749	19.08	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	77818	20.75	ug/l	98
20) Methylene Chloride	4.91	84	50422	21.53	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	46462	21.32	ug/l	99
22) Diisopropyl ether	6.31	45	151848	21.75	ug/l	96
23) Vinyl Acetate	6.26	43	419744	104.33	ug/l	99
24) 1,1-Dichloroethane	6.21	63	90779	21.90	ug/l	99
25) 2-Butanone	7.18	43	67716	108.36	ug/l	95
26) 2,2-Dichloropropane	7.17	77	60004	21.69	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	51262	21.41	ug/l	95
28) Bromochloromethane	7.51	49	34439	19.97	ug/l	97
29) Tetrahydrofuran	7.54	42	38124	99.82	ug/l	99
30) Chloroform	7.67	83	93466	22.13	ug/l	99
31) Cyclohexane	7.95	56	82286	21.25	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	74999	21.52	ug/l	99
36) 1,1-Dichloropropene	8.08	75	73214	22.44	ug/l	99
37) Ethyl Acetate	7.26	43	27729	20.51	ug/l	96
38) Carbon Tetrachloride	8.07	117	72628	22.69	ug/l	99

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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	81440	21.57	ug/l	93
40) Benzene	8.32	78	202818	22.55	ug/l	99
41) Methacrylonitrile	7.49	41	15947	19.23	ug/l	93
42) 1,2-Dichloroethane	8.40	62	62565	22.20	ug/l	99
43) Isopropyl Acetate	8.43	43	54656	20.36	ug/l	97
44) Trichloroethene	9.09	130	52650	22.09	ug/l	99
45) 1,2-Dichloropropane	9.37	63	51718	22.59	ug/l	99
46) Dibromomethane	9.46	93	25630	21.86	ug/l	99
47) Bromodichloromethane	9.65	83	66784	22.22	ug/l	96
48) Methyl methacrylate	9.44	41	25911	20.54	ug/l	99
49) 1,4-Dioxane	9.49	88	6945	392.34	ug/l	82
51) 4-Methyl-2-Pentanone	10.21	43	144871	105.93	ug/l	100
52) Toluene	10.39	92	129653	22.48	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	65851	21.45	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	74899	21.44	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	35608	21.55	ug/l	96
56) Ethyl methacrylate	10.65	69	40854	20.36	ug/l	97
57) 1,3-Dichloropropane	10.93	76	63285	22.21	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	99621	110.78	ug/l	98
59) 2-Hexanone	10.98	43	104910	109.81	ug/l	98
60) Dibromochloromethane	11.13	129	42119	21.44	ug/l	100
61) 1,2-Dibromoethane	11.24	107	33867	21.67	ug/l	98
64) Tetrachloroethene	10.87	164	44402	21.21	ug/l	99
65) Chlorobenzene	11.66	112	141542	21.72	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	49066	21.42	ug/l	99
67) Ethyl Benzene	11.74	91	249349	21.58	ug/l	99
68) m/p-Xylenes	11.85	106	192999	43.94	ug/l	100
69) o-Xylene	12.17	106	88739	21.80	ug/l	99
70) Styrene	12.19	104	149587	22.08	ug/l	99
71) Bromoform	12.35	173	23926	20.15	ug/l #	100
73) Isopropylbenzene	12.47	105	250649	21.25	ug/l	99
74) N-amyl acetate	12.28	43	53279	19.85	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	42410	21.26	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	28963m	19.98	ug/l	
77) Bromobenzene	12.76	156	57808	21.05	ug/l	98
78) n-propylbenzene	12.81	91	312445	21.64	ug/l	99
79) 2-Chlorotoluene	12.90	91	176756	21.66	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	215022	21.72	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	12374	19.64	ug/l	92
82) 4-Chlorotoluene	13.00	91	187453	21.65	ug/l	100
83) tert-Butylbenzene	13.21	119	177617	21.05	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	220032	21.61	ug/l	99
85) sec-Butylbenzene	13.39	105	272574	21.74	ug/l	100
86) p-Isopropyltoluene	13.51	119	238211	21.54	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	120826	21.41	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	120178	21.43	ug/l	99
89) n-Butylbenzene	13.83	91	235007	21.80	ug/l	99
90) Hexachloroethane	14.10	117	42989	21.49	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	106785	21.61	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6997	20.84	ug/l	97

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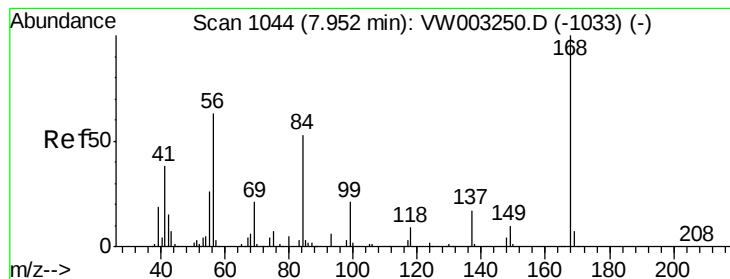
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	73902	21.30	ug/l	99
94) Hexachlorobutadiene	15.25	225	45326	21.72	ug/l	99
95) Naphthalene	15.38	128	114407	19.44	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	63240	20.71	ug/l	100

(#) = 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: VW003656.D

Acq: 29 Jun 2018 13:23

Instrument :

MSVOA_W

ClientSampleId :

VW0629SBS01

Tot Ion:168 Resp: 221232

Ion Ratio Lower Upper

168 100

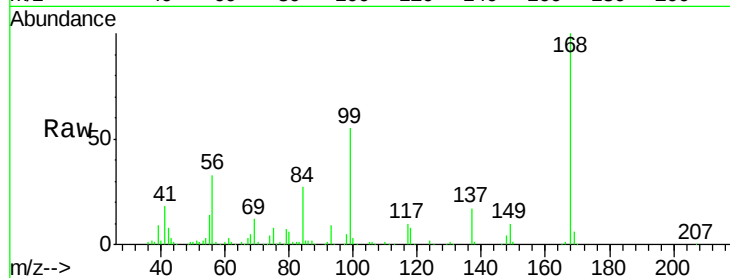
99 55.3 45.5 68.3

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

60000

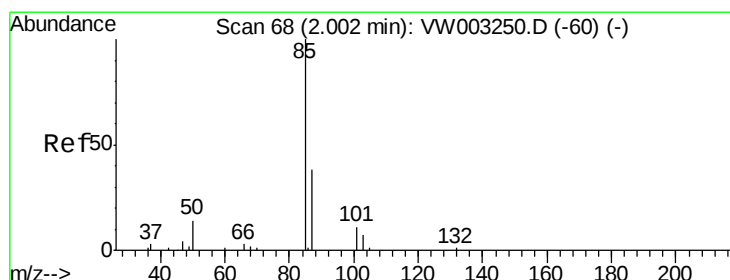
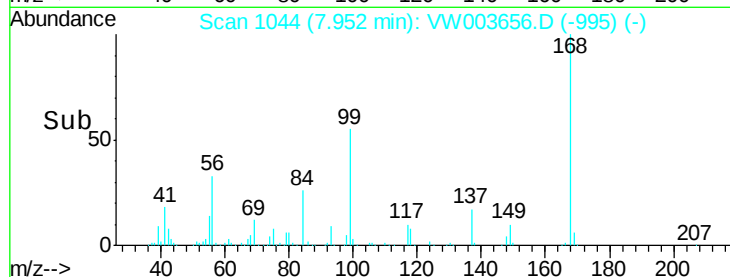
40000

20000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 23.21 ug/l m

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW003656.D

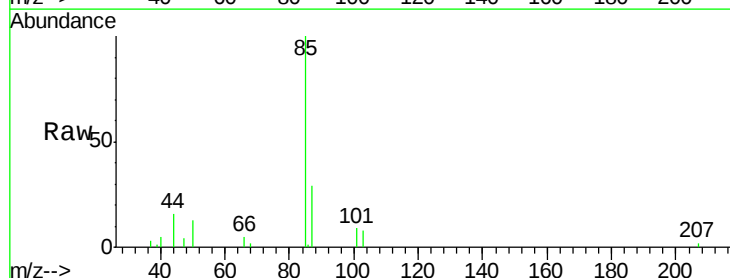
Acq: 29 Jun 2018 13:23

Tgt Ion: 85 Resp: 15525

Ion Ratio Lower Upper

85 100

87 29.2 18.9 56.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

6000

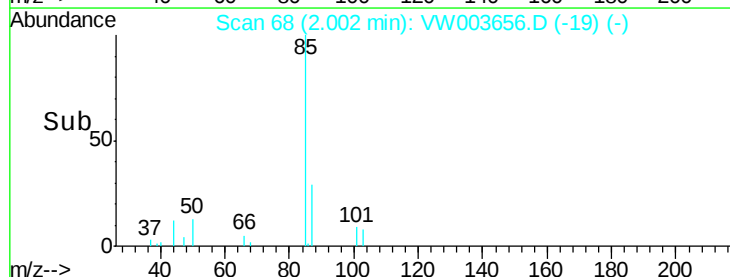
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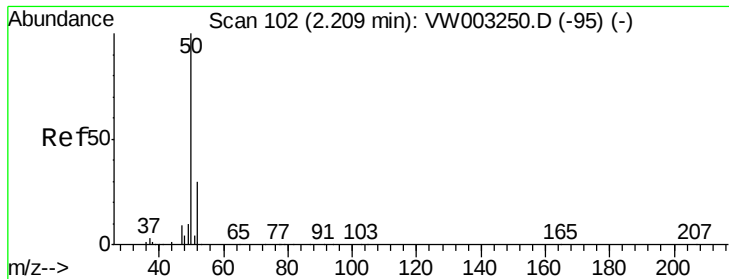
2000

0

1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 19.69 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW003656.D

Acq: 29 Jun 2018 13:23

Instrument :

MSVOA_W

ClientSampleId :

VW0629SBS01

Tot Ion: 50 Resp: 33266

Ion Ratio Lower Upper

50 100

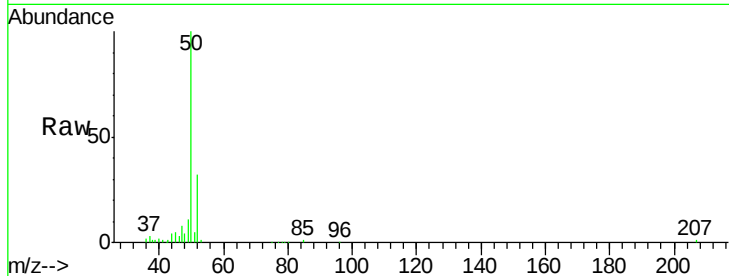
52 32.2 24.2 36.2

Manual Integrations

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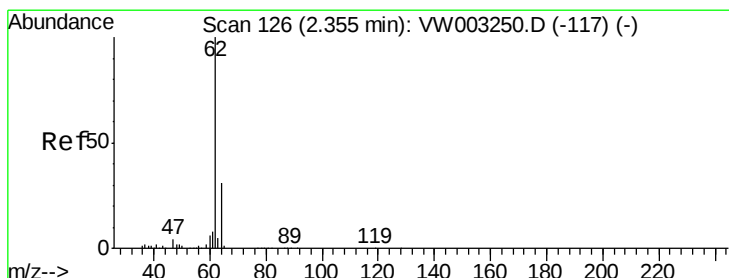
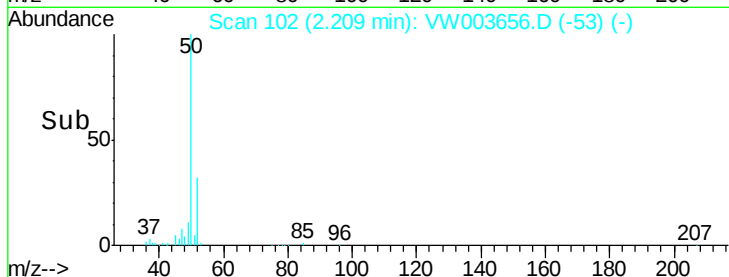
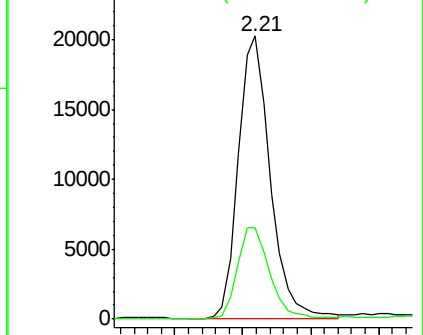
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Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 20.11 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW003656.D

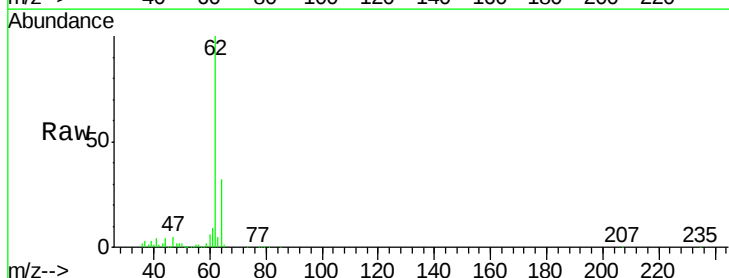
Acq: 29 Jun 2018 13:23

Tgt Ion: 62 Resp: 49549

Ion Ratio Lower Upper

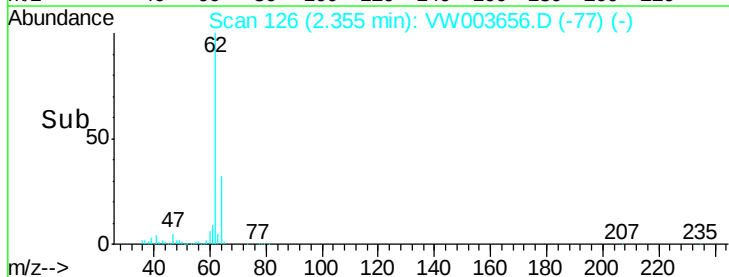
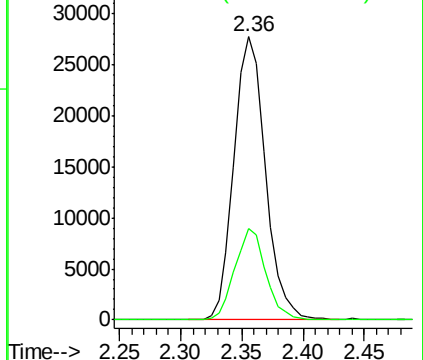
62 100

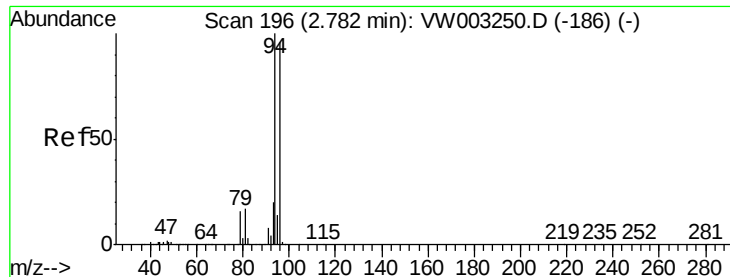
64 32.4 24.9 37.3



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 18.16 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.00 min

Lab File: VW003656.D

Acq: 29 Jun 2018 13:23

Instrument :

MSVOA_W

ClientSampleId :

VW0629SBS01

Tot Ion: 94 Resp: 29740

Ion Ratio Lower Upper

94 100

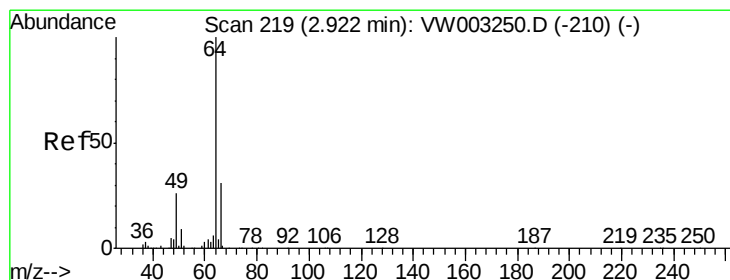
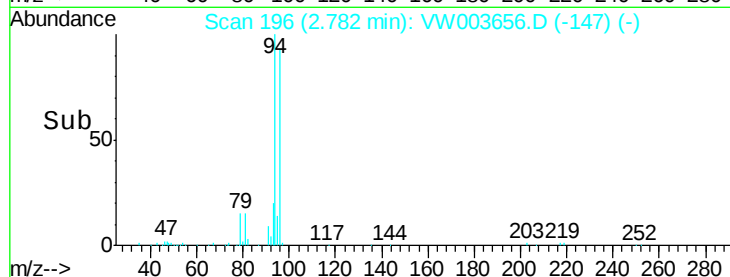
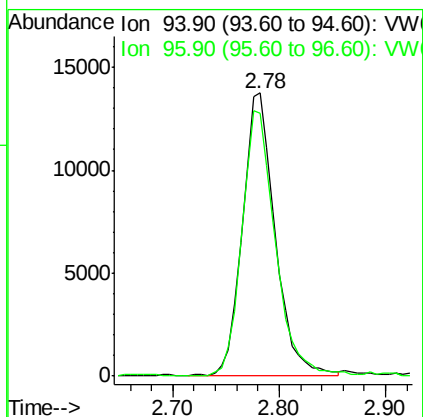
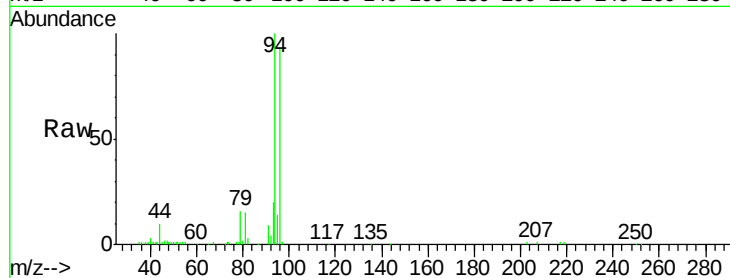
96 93.0 76.5 114.7

Manual Integrations

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#6

Chloroethane

Concen: 18.76 ug/l

RT: 2.92 min Scan# 218

Delta R.T. -0.01 min

Lab File: VW003656.D

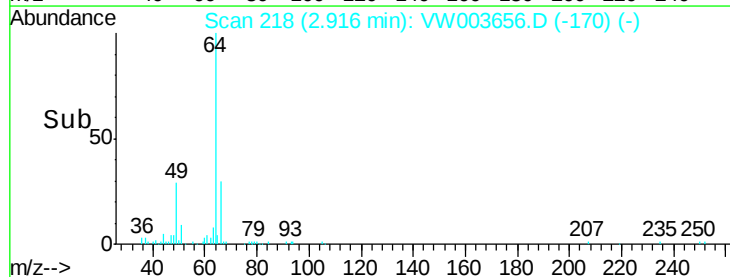
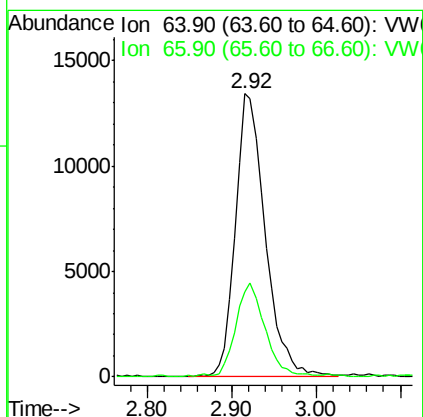
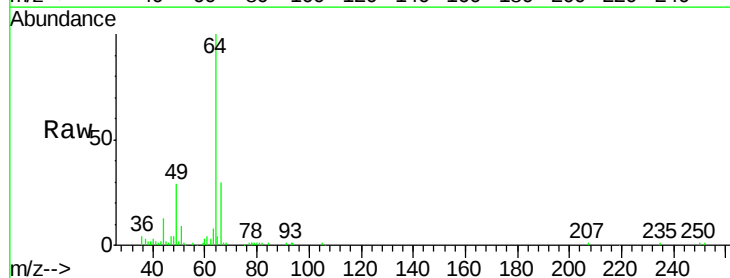
Acq: 29 Jun 2018 13:23

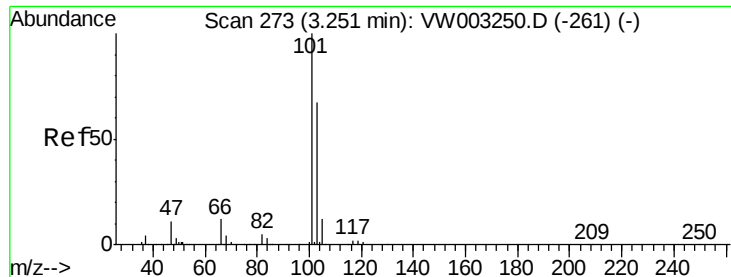
Tgt Ion: 64 Resp: 32173

Ion Ratio Lower Upper

64 100

66 29.4 24.4 36.6





#7

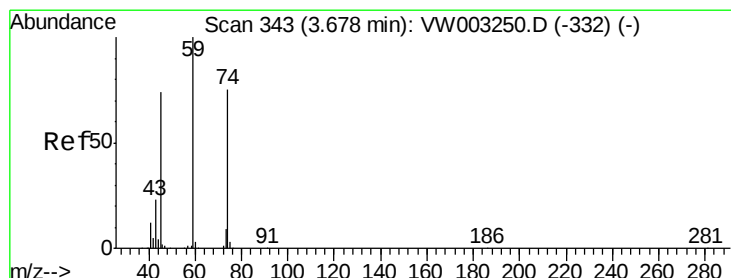
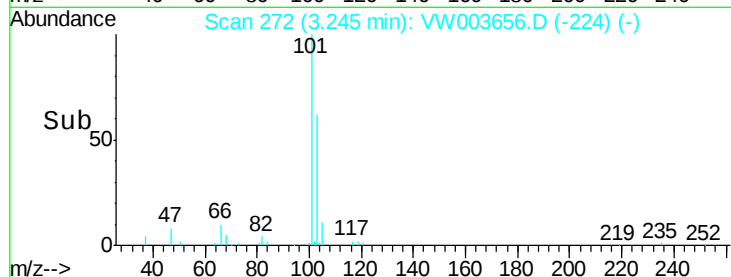
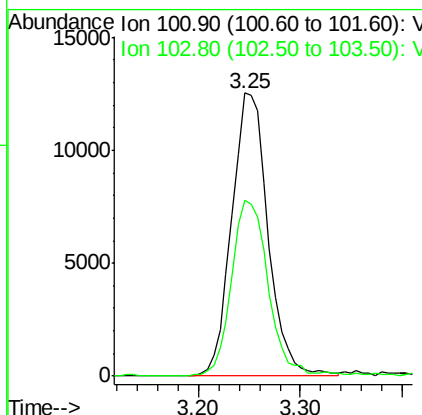
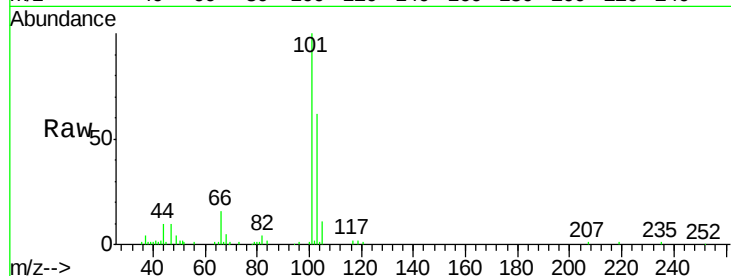
Trichlorofluoromethane
Concen: 20.99 ug/l
RT: 3.25 min Scan# 272
Delta R.T. -0.01 min
Lab File: VW003656.D
Acq: 29 Jun 2018 13:23

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MSVOA_W
ClientSampleId :
VW0629SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.1	53.4	80.0

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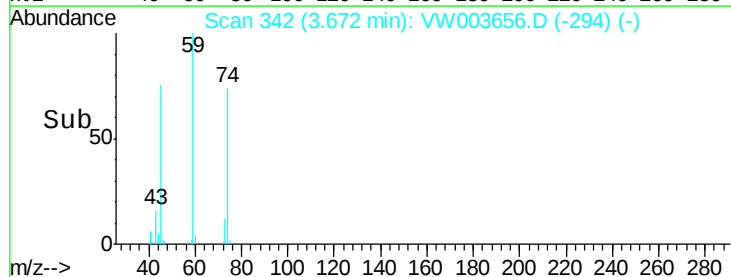
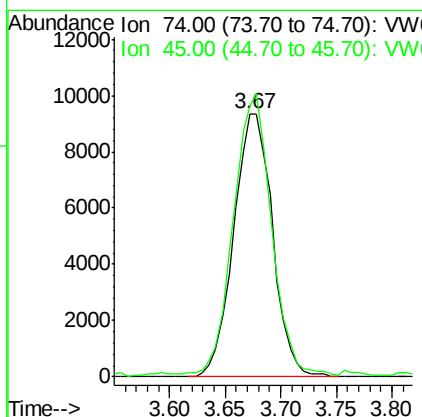
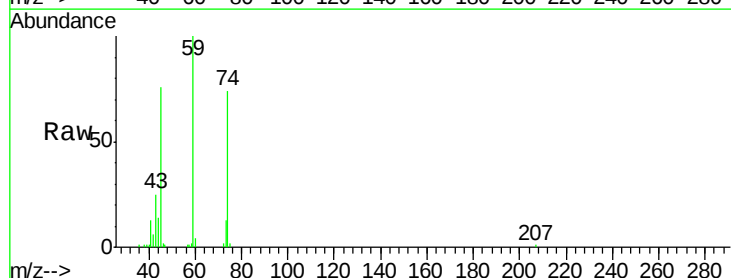
apatel
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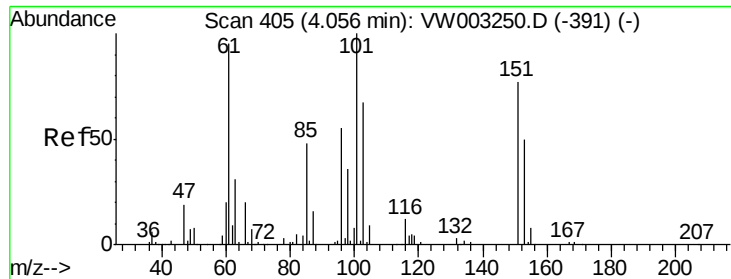


#8

Diethyl Ether
Concen: 20.85 ug/l
RT: 3.67 min Scan# 342
Delta R.T. -0.01 min
Lab File: VW003656.D
Acq: 29 Jun 2018 13:23

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.1	51.4	154.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.82 ug/l

RT: 4.06 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW003656.D

Acq: 29 Jun 2018 13:23

Instrument :

MSVOA_W

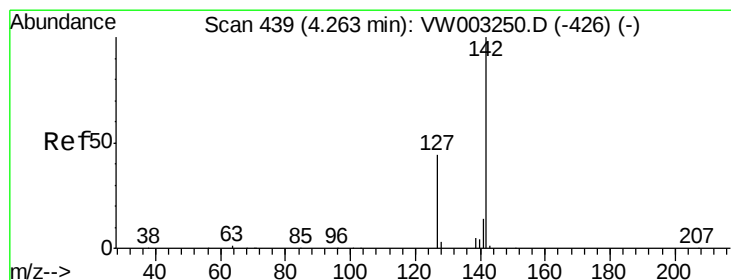
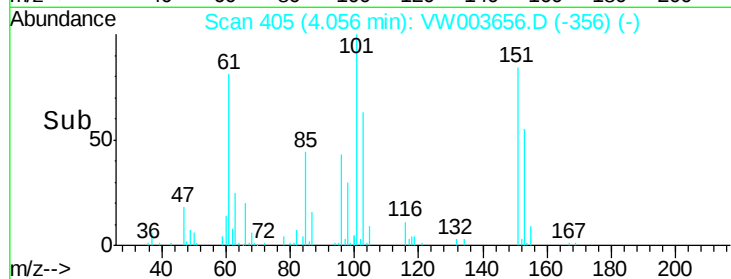
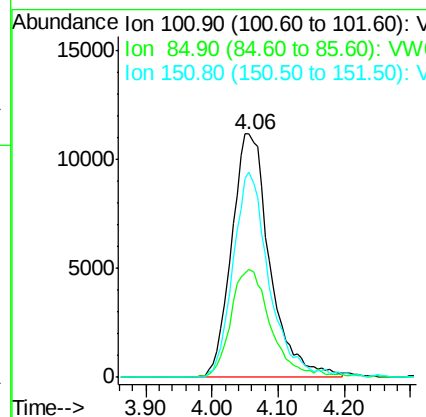
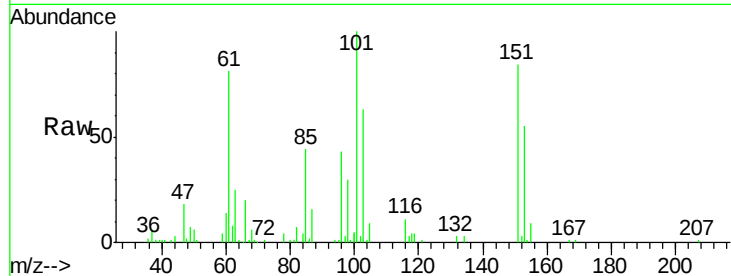
ClientSampled :

VW0629SBS01

Tot Ion:	101	Resp:	44726
Ion Ratio	Lower	Upper	
101	100		
85	45.3	37.0	55.6
151	77.9	63.3	94.9

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#10

Methyl Iodide

Concen: 20.65 ug/l

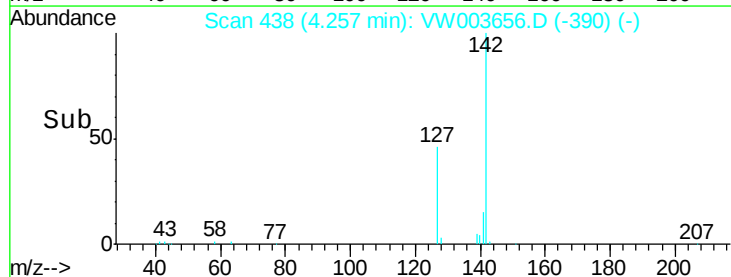
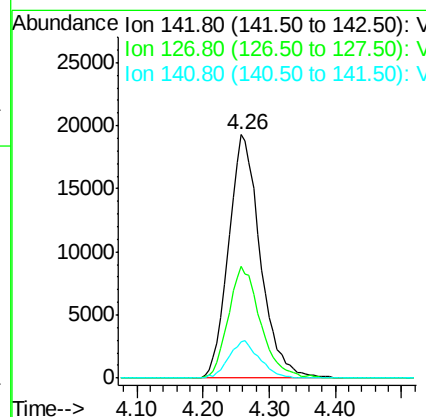
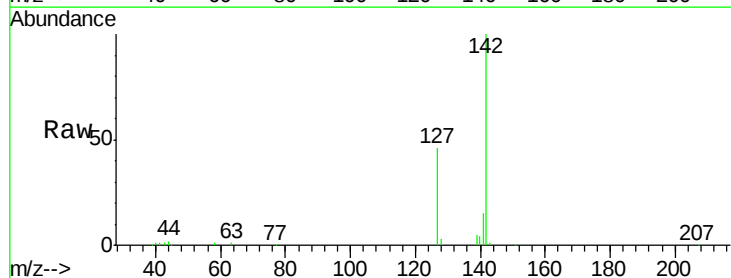
RT: 4.26 min Scan# 438

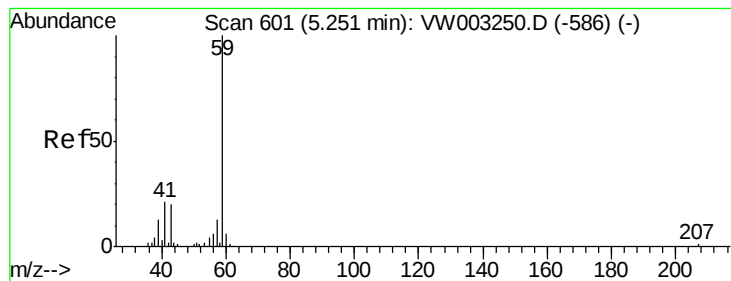
Delta R.T. -0.01 min

Lab File: VW003656.D

Acq: 29 Jun 2018 13:23

Tgt Ion:	142	Resp:	64000
Ion Ratio	Lower	Upper	
142	100		
127	46.4	36.5	54.7
141	14.9	12.1	18.1





#11

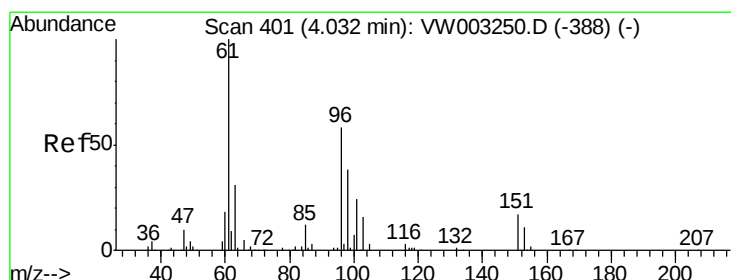
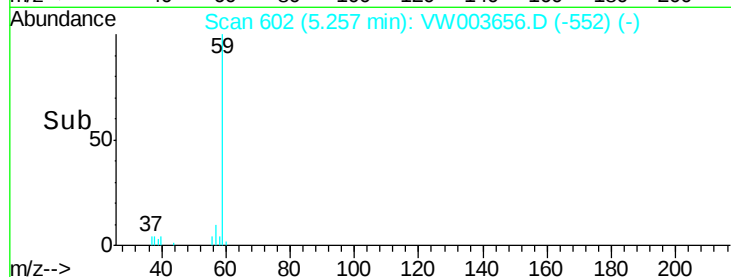
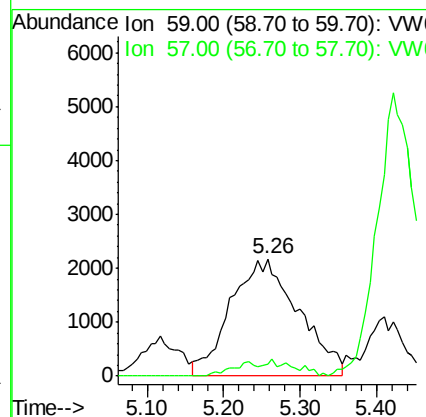
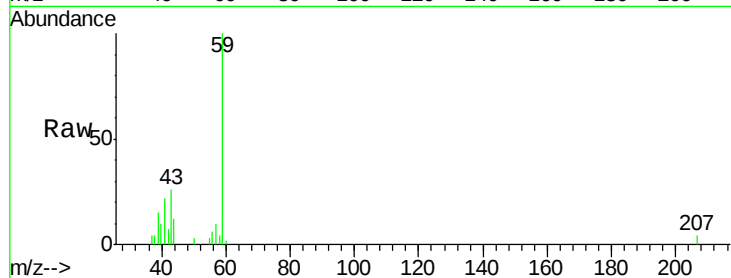
Tert butyl alcohol
Concen: 104.04 ug/l
RT: 5.26 min Scan# 602
Delta R.T. 0.01 min
Lab File: VW003656.D
Acq: 29 Jun 2018 13:23

Instrument :
MSVOA_W
ClientSampled :
VW0629SBS01

Tot Ion: 59 Resp: 13371
Ion Ratio Lower Upper
59 100
57 0.0 4.2 6.2#

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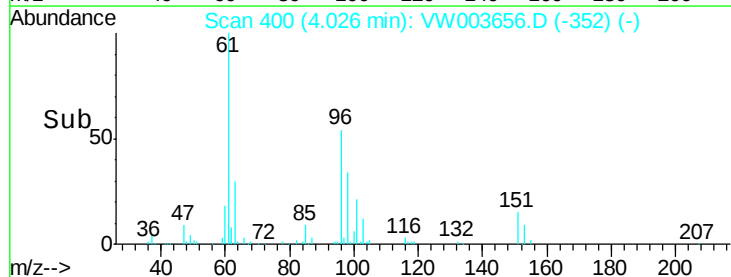
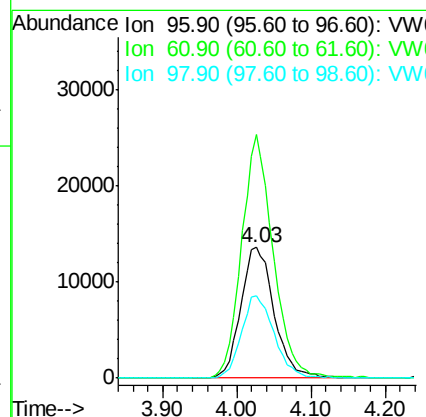
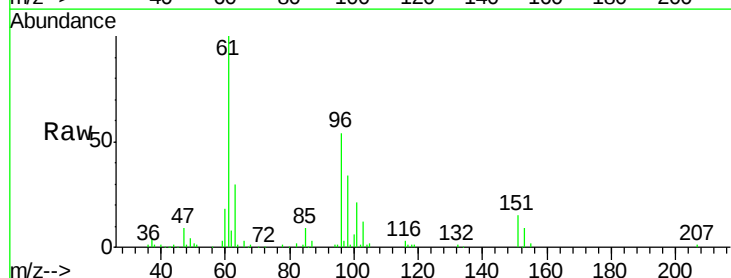
apatel
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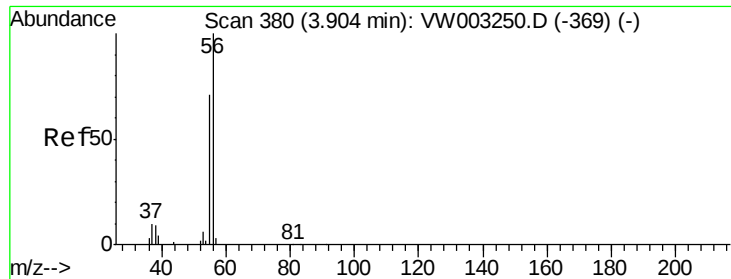


#12

1,1-Dichloroethene
Concen: 21.36 ug/l
RT: 4.03 min Scan# 400
Delta R.T. -0.01 min
Lab File: VW003656.D
Acq: 29 Jun 2018 13:23

Tgt Ion: 96 Resp: 42783
Ion Ratio Lower Upper
96 100
61 186.4 139.0 208.4
98 63.2 53.3 79.9





#13

Acrolein

Concen: 61.16 ug/l

RT: 3.89 min Scan# 378

Delta R.T. -0.01 min

Lab File: VW003656.D

Acq: 29 Jun 2018 13:23

Instrument :

MSVOA_W

ClientSampleId :

VW0629SBS01

Tot Ion: 56 Resp: 11237

Ion Ratio Lower Upper

56 100

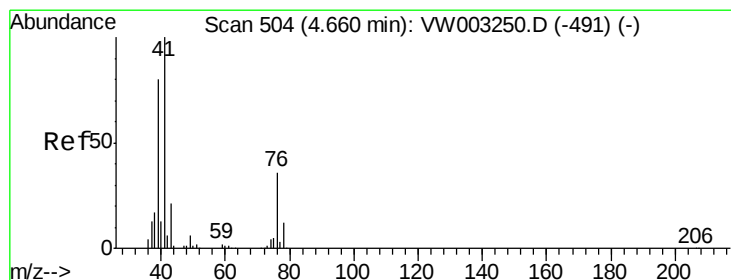
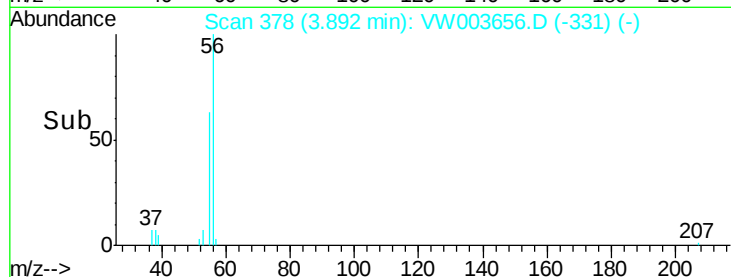
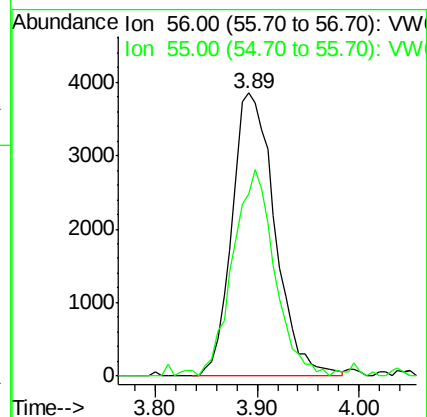
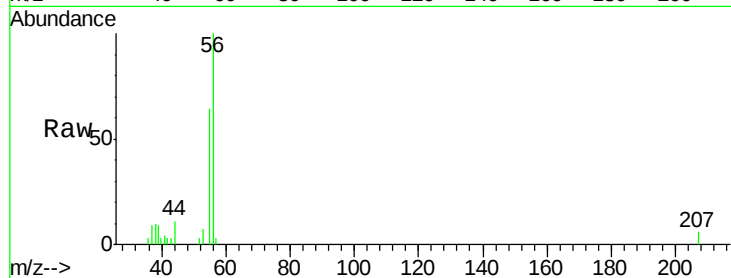
55 70.8 55.4 83.2

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#14

Allyl chloride

Concen: 20.81 ug/l

RT: 4.66 min Scan# 504

Delta R.T. 0.00 min

Lab File: VW003656.D

Acq: 29 Jun 2018 13:23

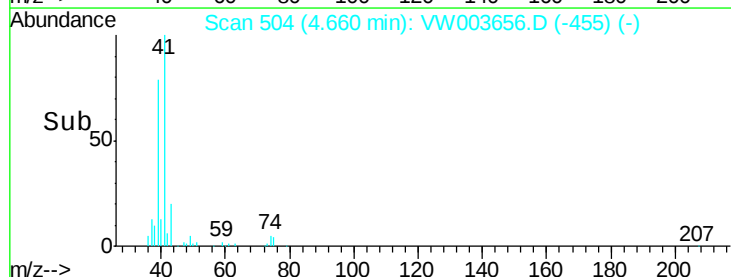
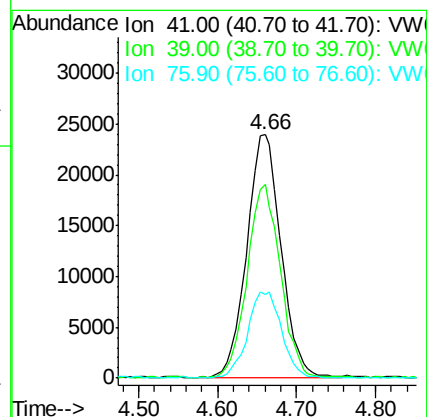
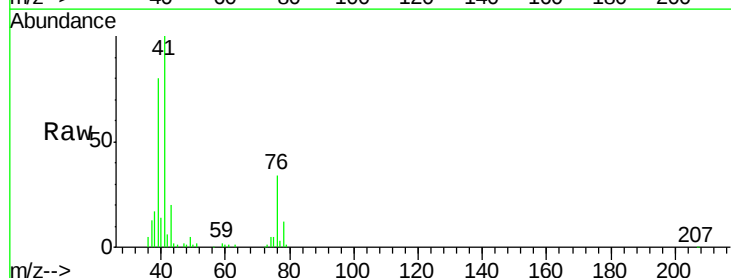
Tgt Ion: 41 Resp: 72195

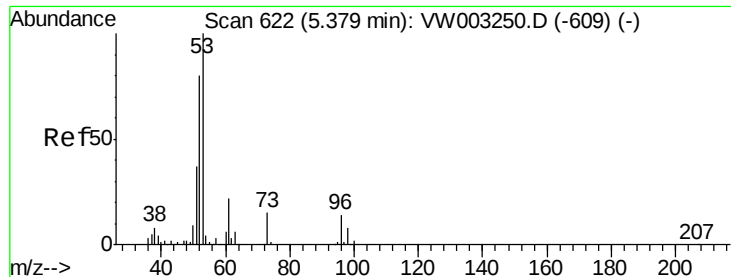
Ion Ratio Lower Upper

41 100

39 77.9 63.2 94.8

76 35.2 28.0 42.0





#15

Acrylonitrile

Concen: 105.99 ug/l

RT: 5.37 min Scan# 621

Delta R.T. -0.01 min

Lab File: VW003656.D

Acq: 29 Jun 2018 13:23

Instrument :

MSVOA_W

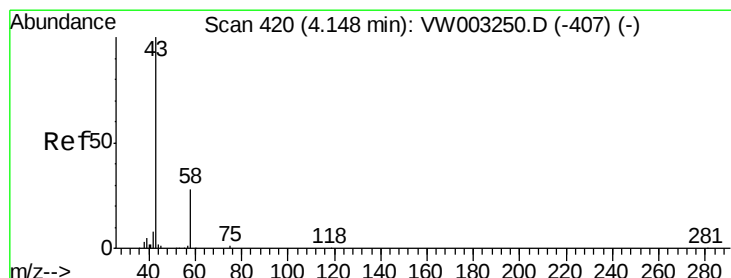
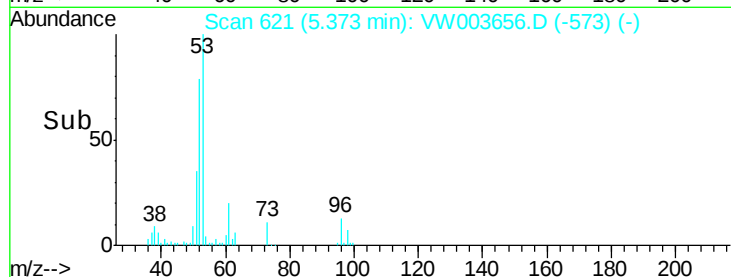
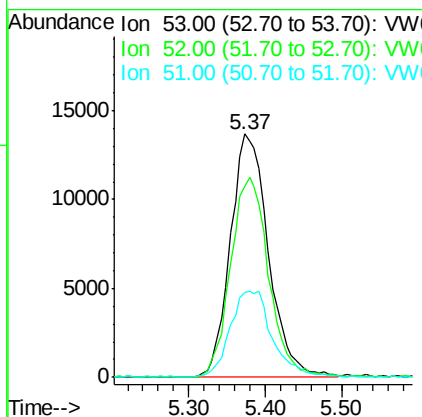
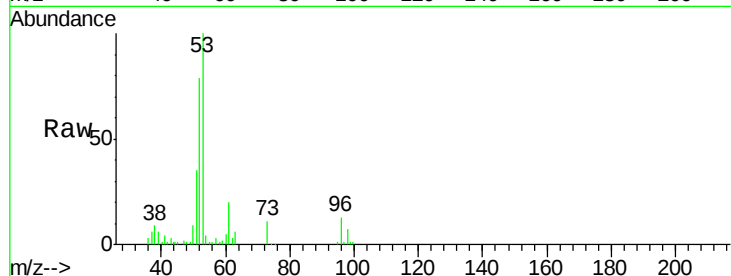
ClientSampled :

VW0629SBS01

Tot Ion:	53	Resp:	47280
Ion Ratio	Lower	Upper	
53	100		
52	82.3	66.6	100.0
51	39.1	30.6	46.0

Manual Integrations
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#16

Acetone

Concen: 109.20 ug/l

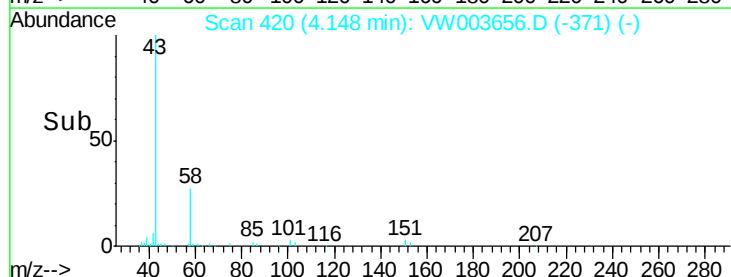
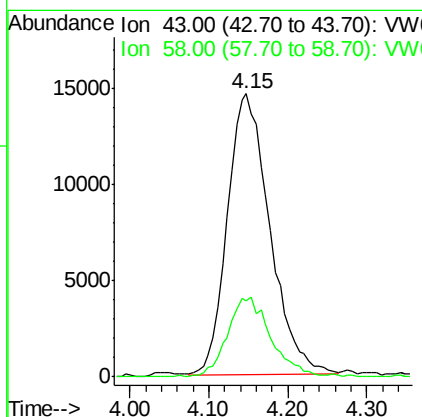
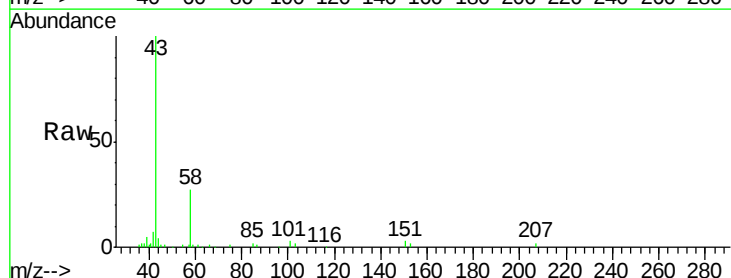
RT: 4.15 min Scan# 420

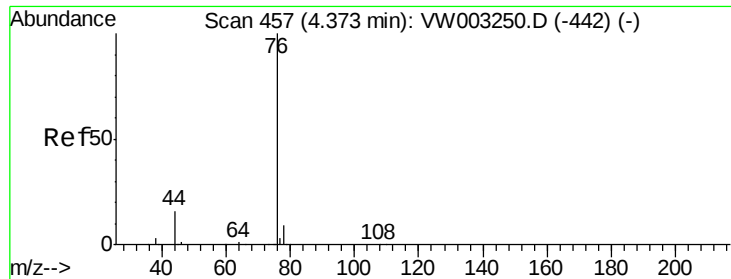
Delta R.T. 0.00 min

Lab File: VW003656.D

Acq: 29 Jun 2018 13:23

Tgt Ion:	43	Resp:	54883
Ion Ratio	Lower	Upper	
43	100		
58	27.3	22.6	34.0





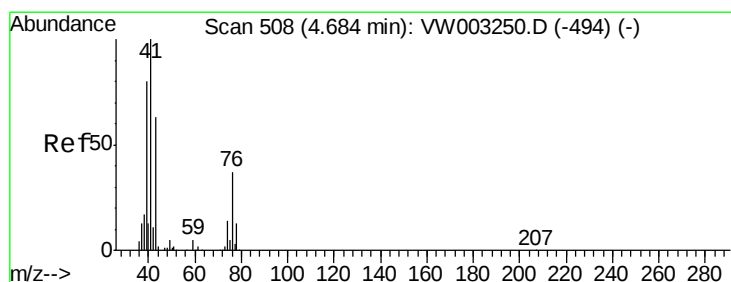
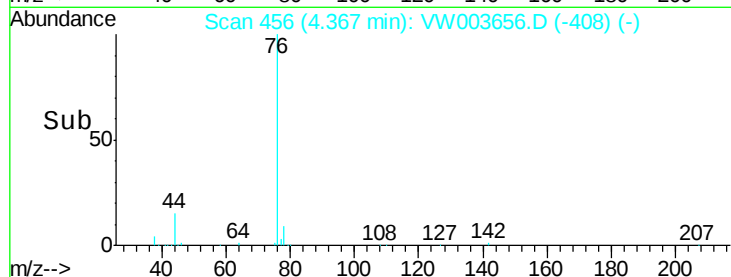
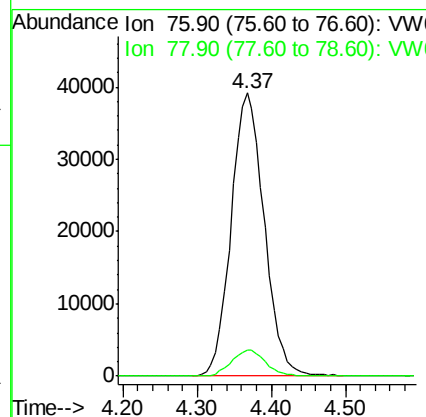
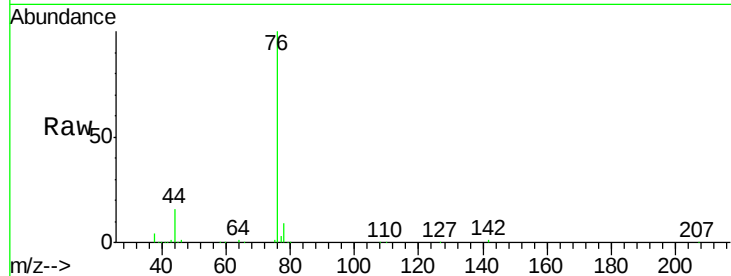
#17
Carbon Disulfide
Concen: 20.54 ug/l
RT: 4.37 min Scan# 456
Delta R.T. -0.01 min
Lab File: VW003656.D
Acq: 29 Jun 2018 13:23

Instrument :
MSVOA_W
ClientSampleId :
VW0629SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.1	10.7

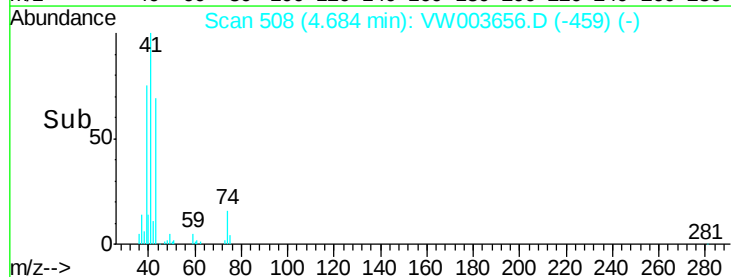
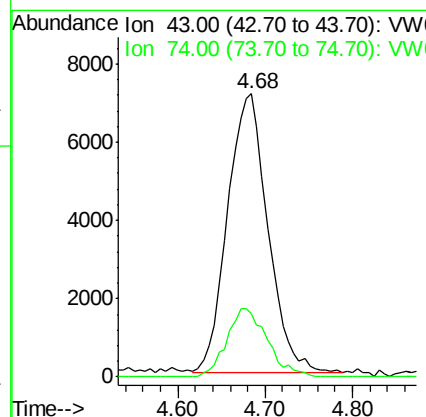
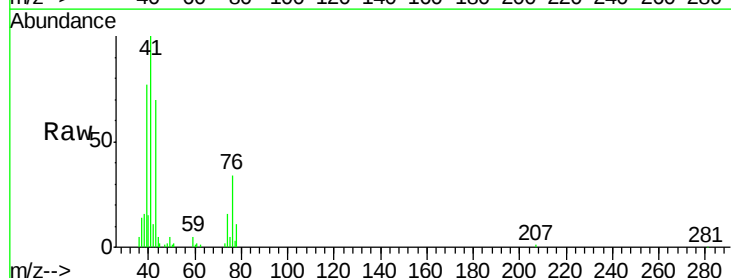
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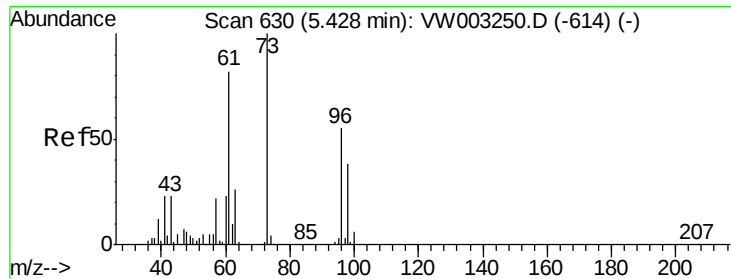
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#18
Methyl Acetate
Concen: 19.08 ug/l
RT: 4.68 min Scan# 508
Delta R.T. 0.00 min
Lab File: VW003656.D
Acq: 29 Jun 2018 13:23

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.8	18.7	28.1





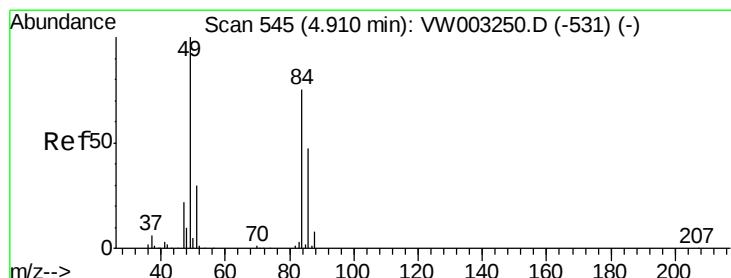
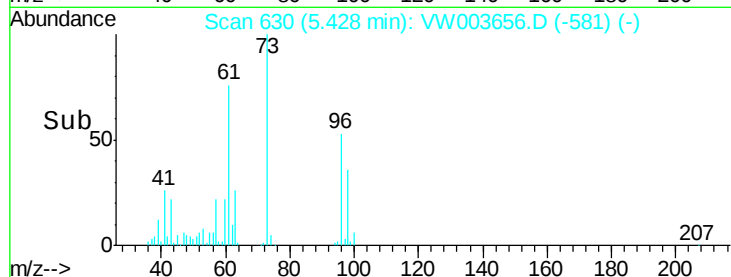
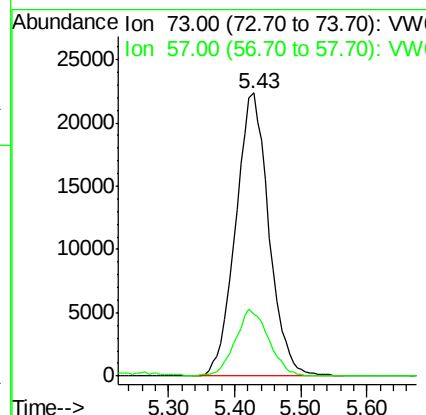
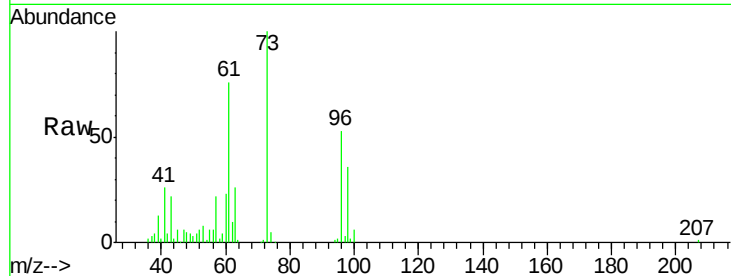
#19
Methvl tert-butvl Ether
Concen: 20.75 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.00 min
Lab File: VW003656.D
Acq: 29 Jun 2018 13:23

Instrument :
MSVOA_W
ClientSampled :
VW0629SBS01

Tot Ion: 73 Resp: 77818
Ion Ratio Lower Upper
73 100
57 21.8 18.0 27.0

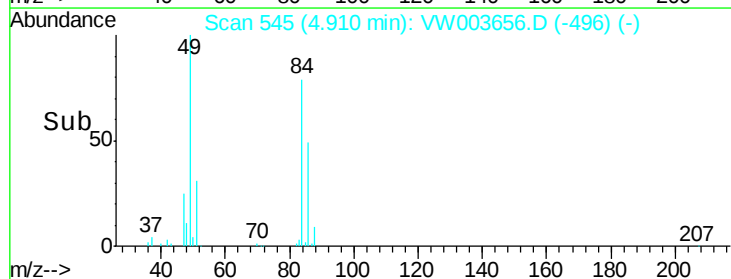
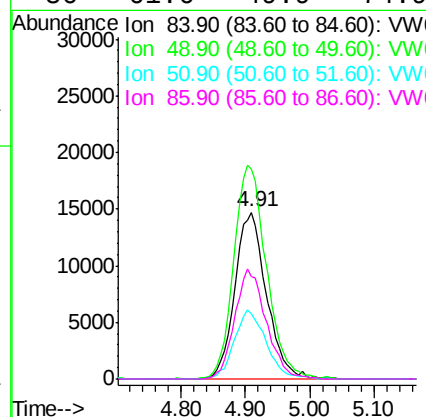
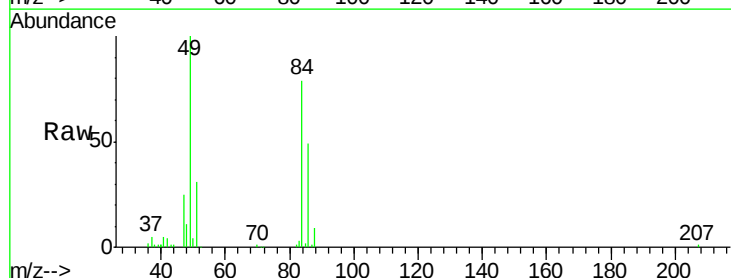
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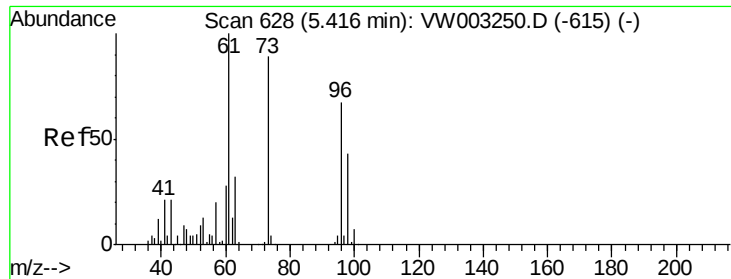
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#20
Methylene Chloride
Concen: 21.53 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003656.D
Acq: 29 Jun 2018 13:23

Tgt Ion: 84 Resp: 50422
Ion Ratio Lower Upper
84 100
49 126.4 106.3 159.5
51 39.5 32.0 48.0
86 61.6 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 21.32 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.00 min

Lab File: VW003656.D

Acq: 29 Jun 2018 13:23

Instrument :

MSVOA_W

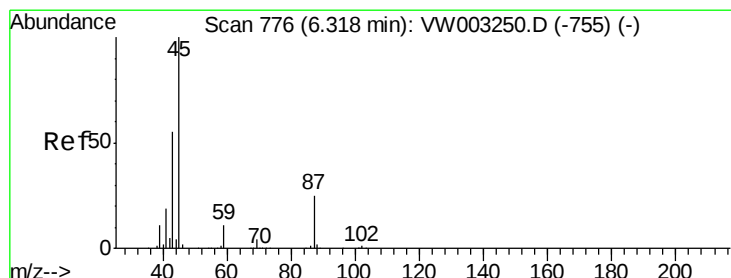
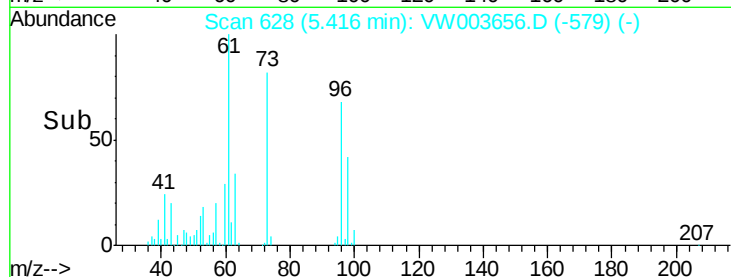
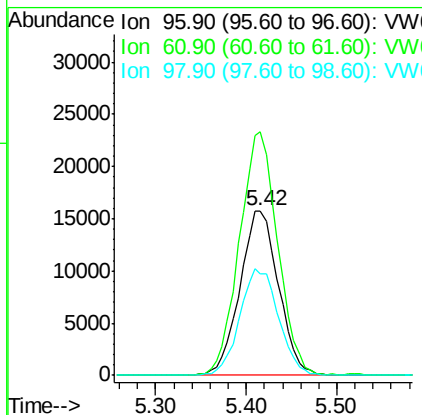
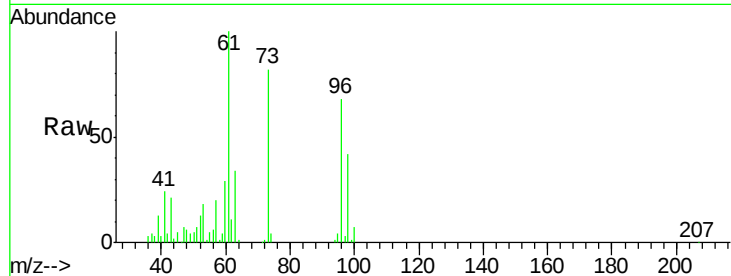
ClientSampled :

VW0629SBS01

Tot Ion:	96	Resp:	46462
Ion	Ratio	Lower	Upper
96	100		
61	147.8	118.7	178.1
98	62.0	51.0	76.6

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#22

Diisopropyl ether

Concen: 21.75 ug/l

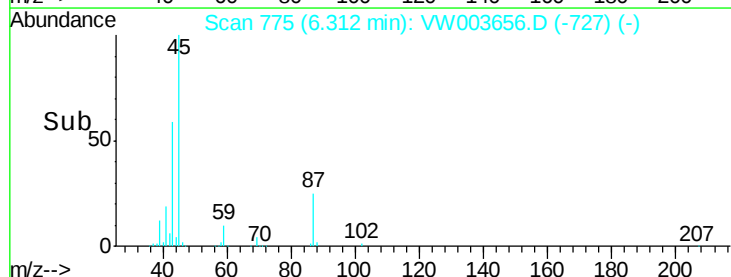
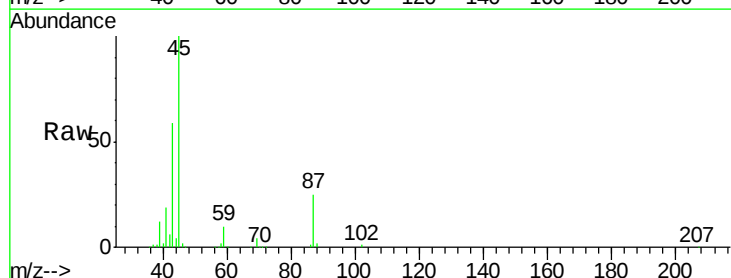
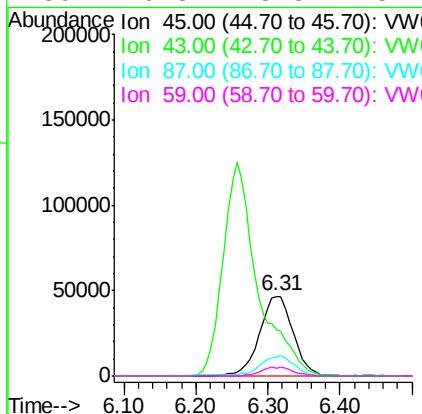
RT: 6.31 min Scan# 775

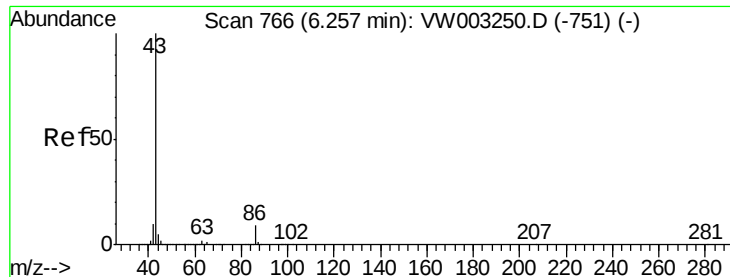
Delta R.T. -0.01 min

Lab File: VW003656.D

Acq: 29 Jun 2018 13:23

Tgt Ion:	45	Resp:	151848
Ion	Ratio	Lower	Upper
45	100		
43	58.6	44.0	66.0
87	24.8	20.6	31.0
59	10.3	8.8	13.2





#23

Vinyl Acetate

Concen: 104.33 ug/l

RT: 6.26 min Scan# 766

Delta R.T. 0.00 min

Lab File: VW003656.D

Acq: 29 Jun 2018 13:23

Instrument :

MSVOA_W

ClientSampleId :

VW0629SBS01

Tot Ion: 43 Resp: 419744

Ion Ratio Lower Upper

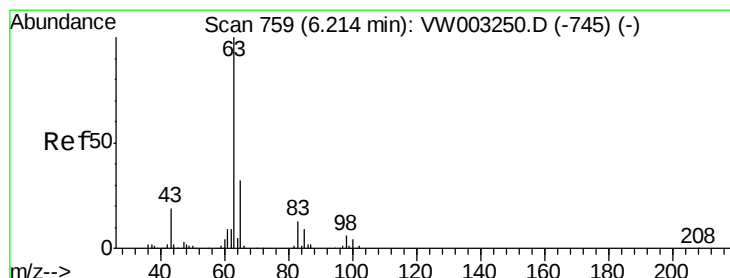
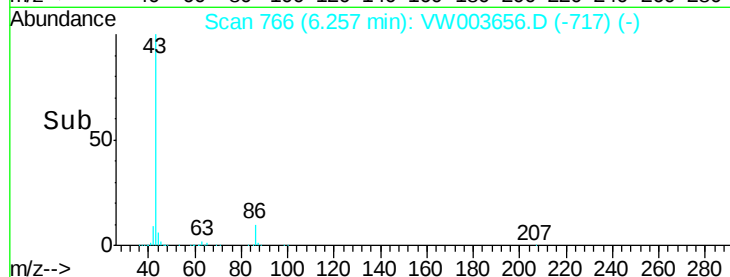
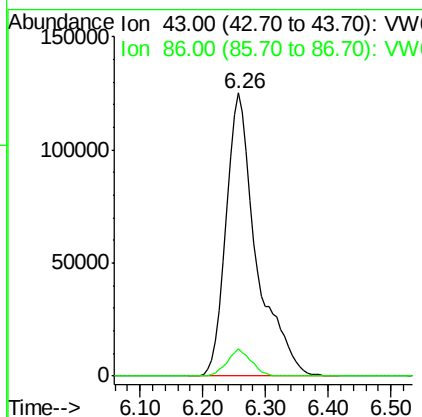
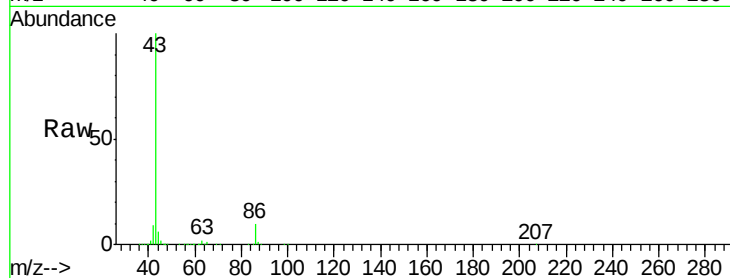
43 100

86 9.7 7.5 11.3

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#24

1,1-Dichloroethane

Concen: 21.90 ug/l

RT: 6.21 min Scan# 758

Delta R.T. -0.01 min

Lab File: VW003656.D

Acq: 29 Jun 2018 13:23

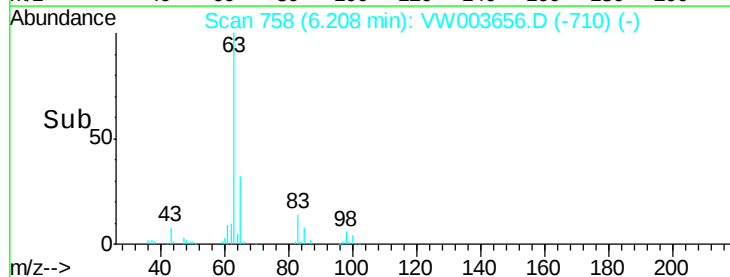
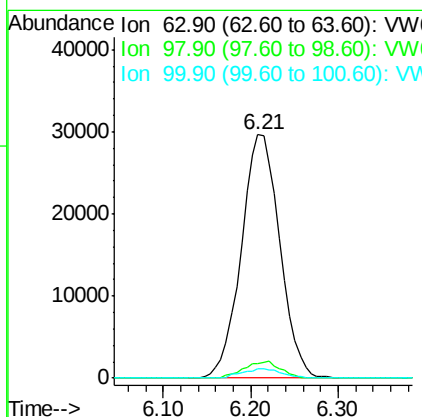
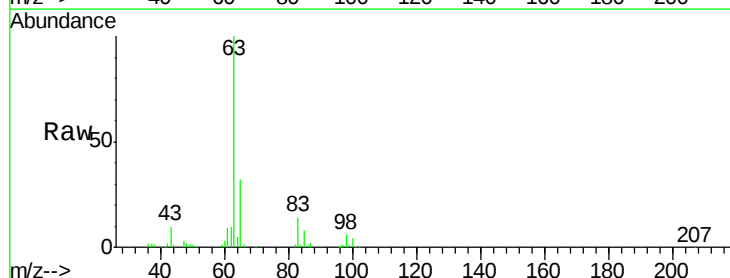
Tgt Ion: 63 Resp: 90779

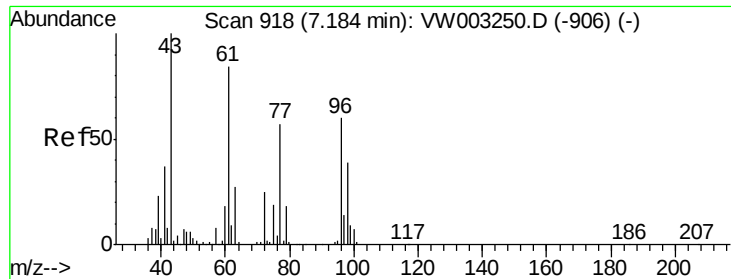
Ion Ratio Lower Upper

63 100

98 5.7 2.8 8.3

100 4.0 2.1 6.5





#25

2-Butanone

Concen: 108.36 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.00 min

Lab File: VW003656.D

Acq: 29 Jun 2018 13:23

Instrument :

MSVOA_W

ClientSampled :

VW0629SBS01

Tot Ion: 43 Resp: 67716

Ion Ratio Lower Upper

43 100

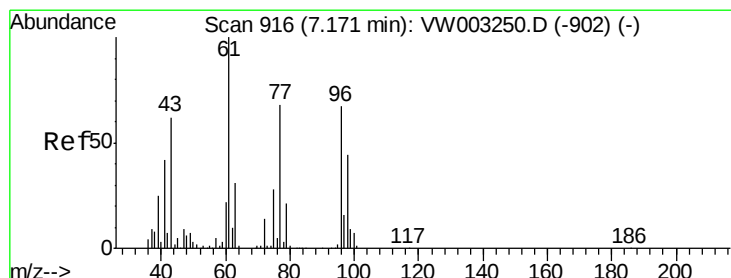
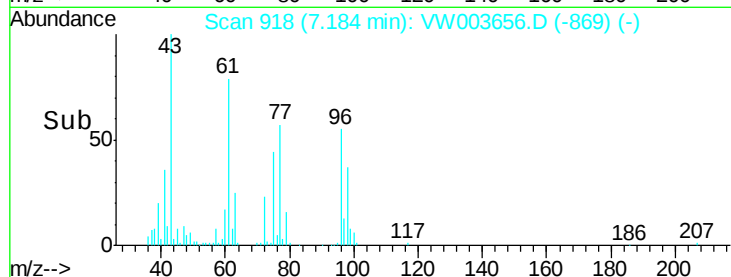
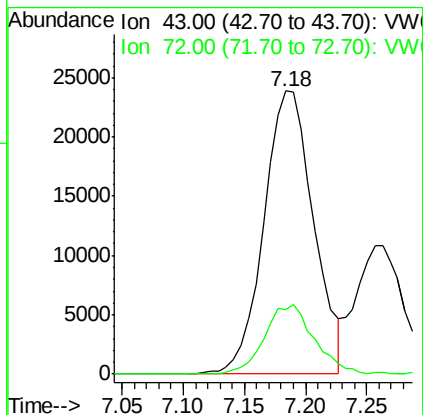
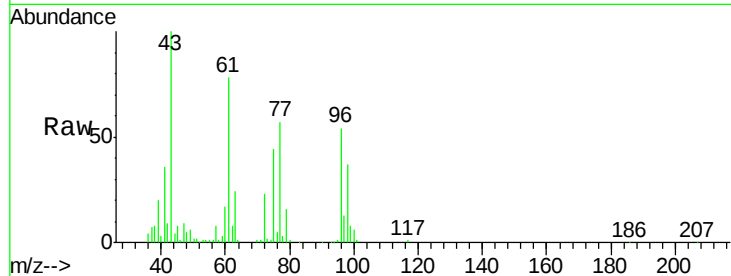
72 22.8 20.3 30.5

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 21.69 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.01 min

Lab File: VW003656.D

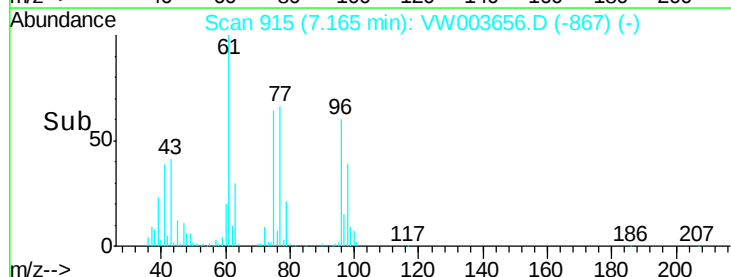
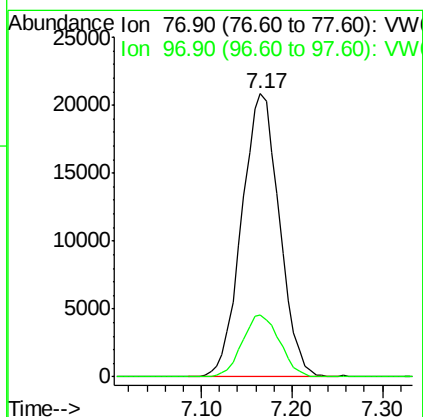
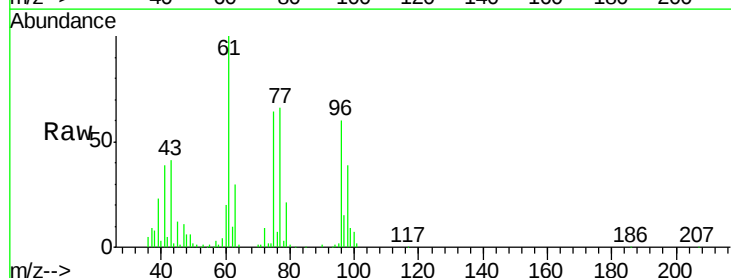
Acq: 29 Jun 2018 13:23

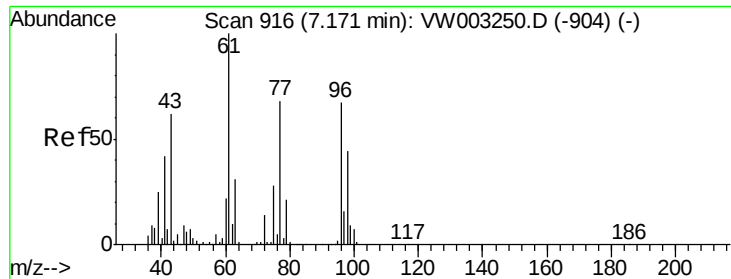
Tgt Ion: 77 Resp: 60004

Ion Ratio Lower Upper

77 100

97 21.8 11.3 33.9





#27

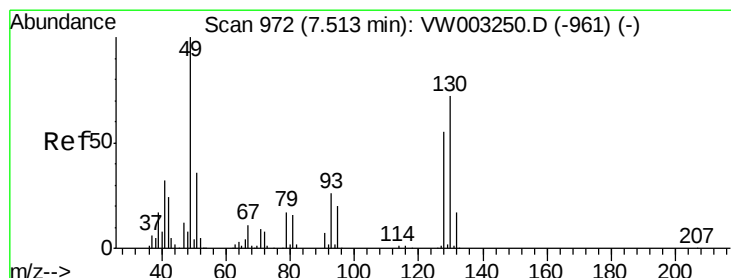
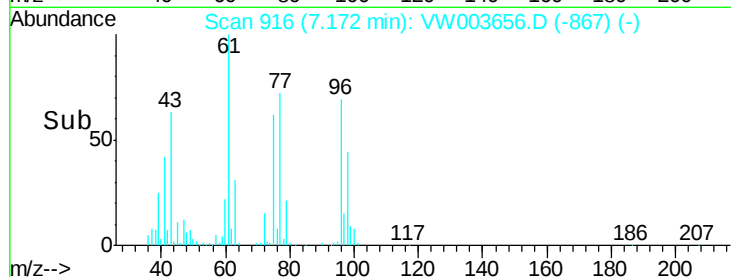
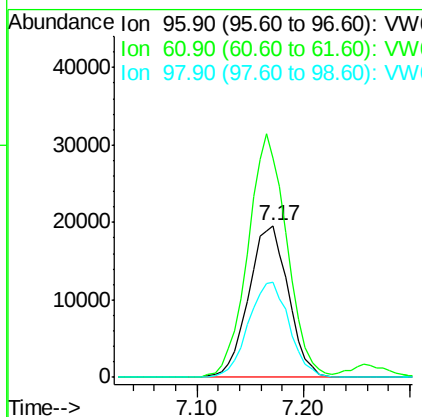
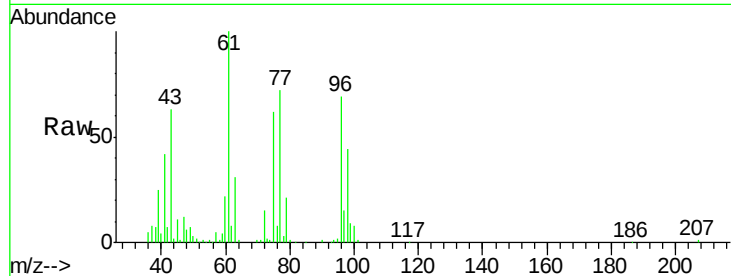
cis-1,2-Dichloroethene
Concen: 21.41 ug/l
RT: 7.17 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW003656.D
Acq: 29 Jun 2018 13:23

Instrument :
MSVOA_W
ClientSampled :
VW0629SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	157.4	0.0	298.8
98	64.2	0.0	130.4

Manual Integrations
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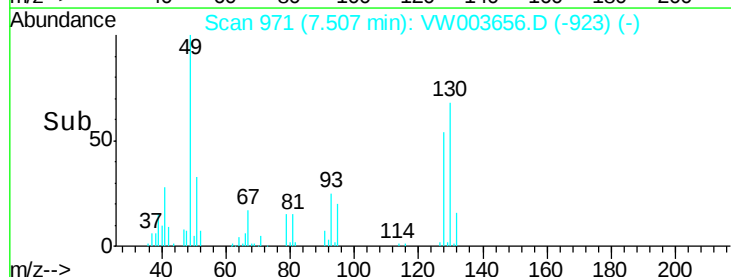
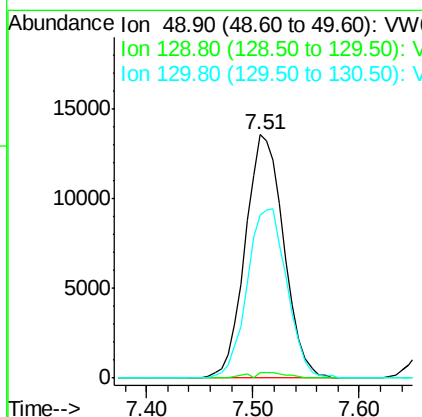
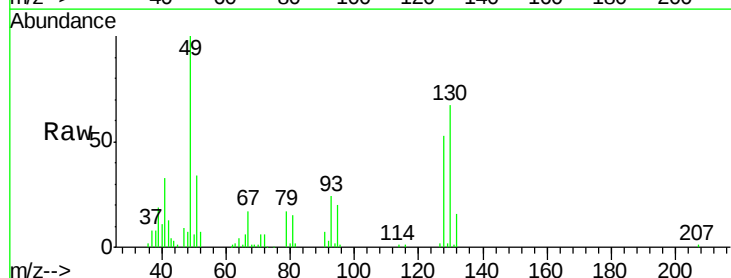
apatel
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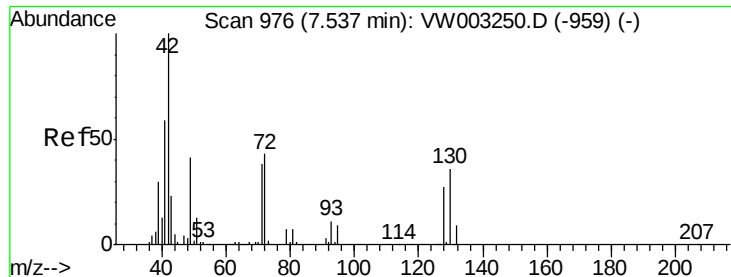


#28

Bromochloromethane
Concen: 19.97 ug/l
RT: 7.51 min Scan# 971
Delta R.T. -0.01 min
Lab File: VW003656.D
Acq: 29 Jun 2018 13:23

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	4.6
130	71.7	59.4	89.2





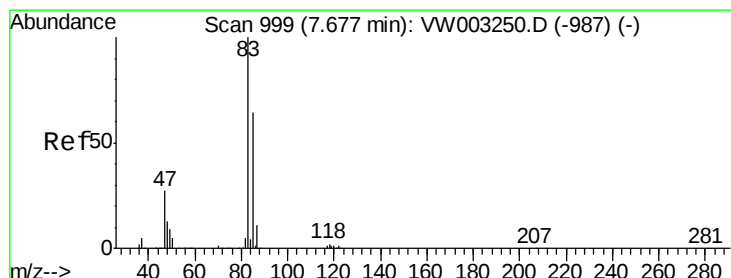
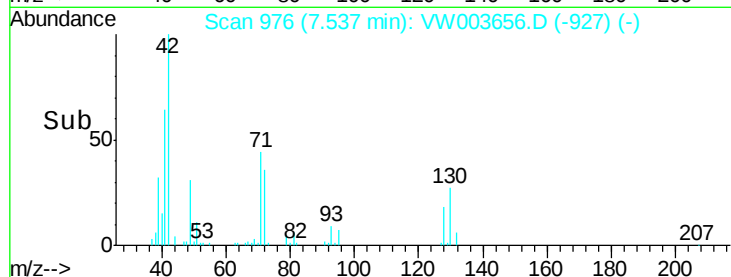
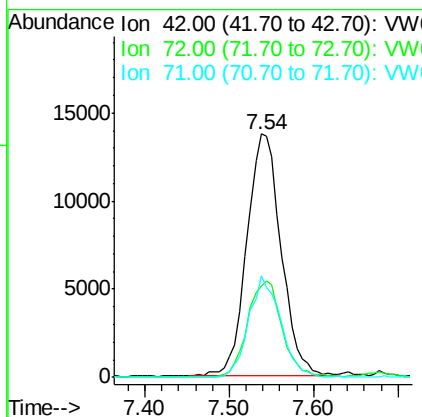
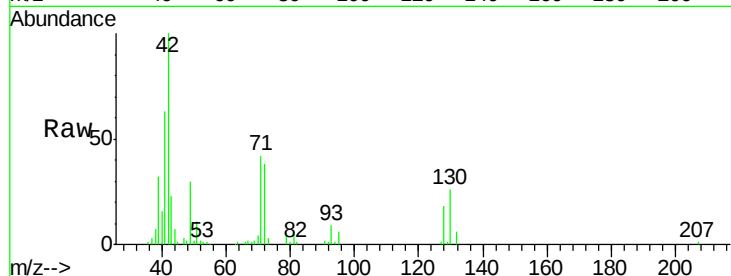
#29
Tetrahydrofuran
Concen: 99.82 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.00 min
Lab File: VW003656.D
Acq: 29 Jun 2018 13:23

Instrument :
MSVOA_W
ClientSampleId :
VW0629SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.1	32.4	48.6
71	38.5	31.2	46.8

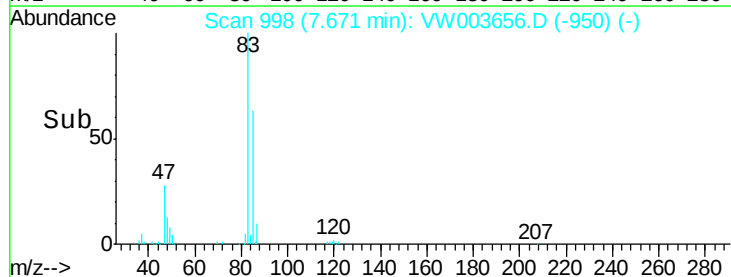
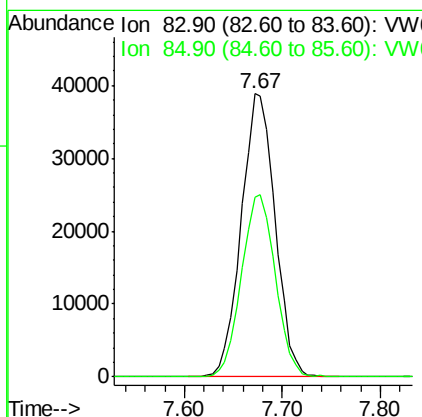
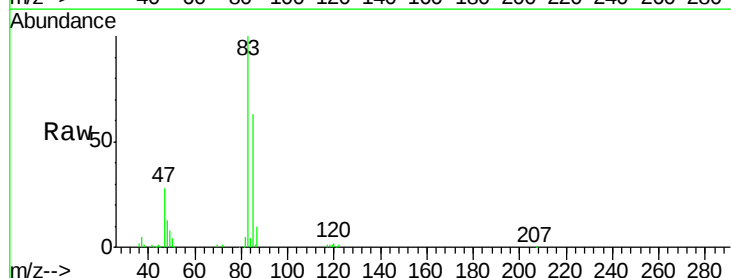
Manual Integrations
APPROVED

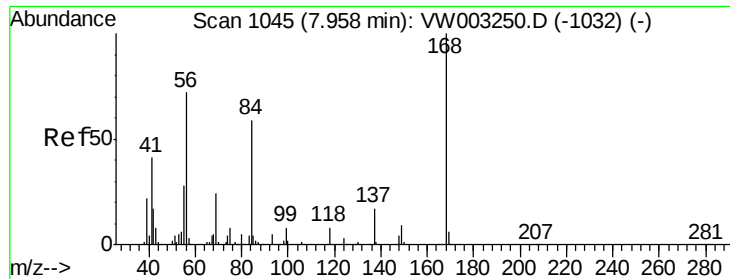
apatel
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#30
Chloroform
Concen: 22.13 ug/l
RT: 7.67 min Scan# 998
Delta R.T. -0.01 min
Lab File: VW003656.D
Acq: 29 Jun 2018 13:23

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.4	51.3	76.9





#31

Cvclohexane

Concen: 21.25 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.01 min

Lab File: VW003656.D

Acq: 29 Jun 2018 13:23

Instrument :

MSVOA_W

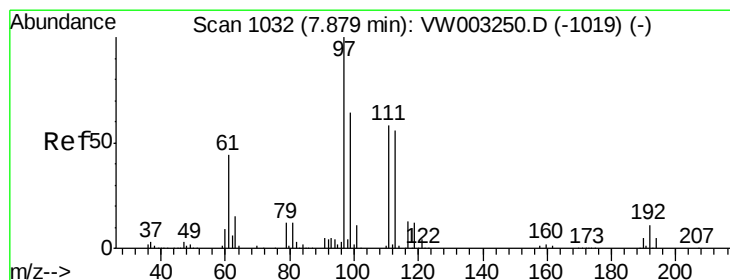
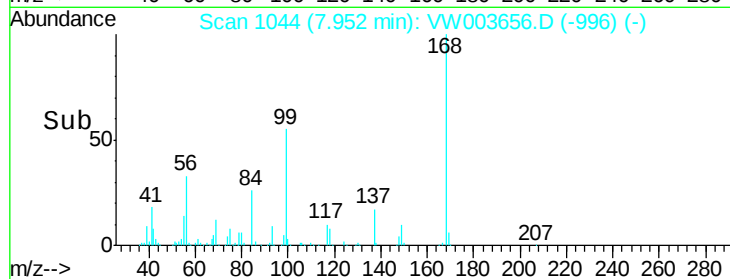
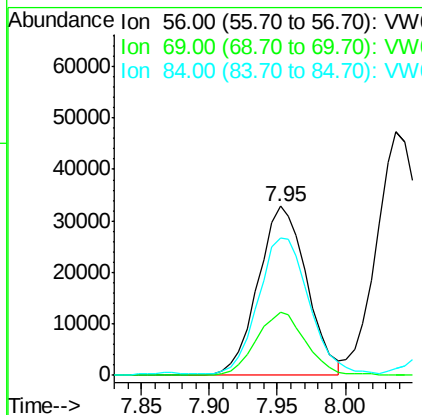
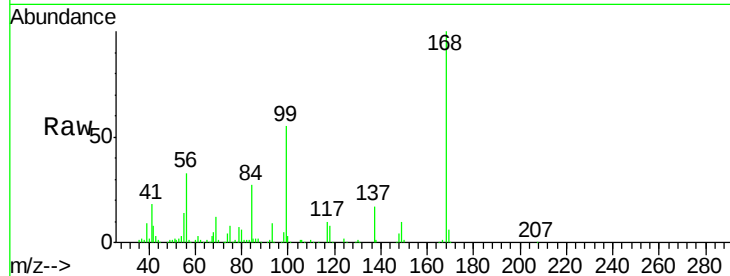
ClientSampled :

VW0629SBS01

Tot Ion:	56	Resp:	82286
Ion Ratio	Lower	Upper	
56	100		
69	37.3	26.3	39.5
84	80.2	65.7	98.5

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 21.52 ug/l

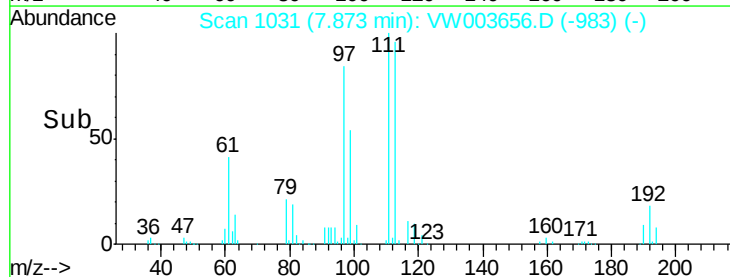
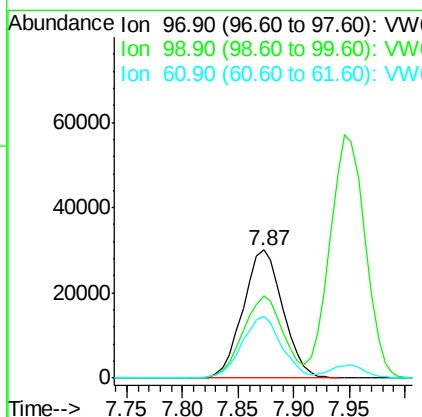
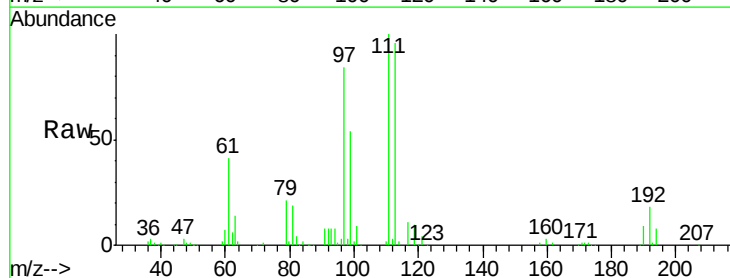
RT: 7.87 min Scan# 1031

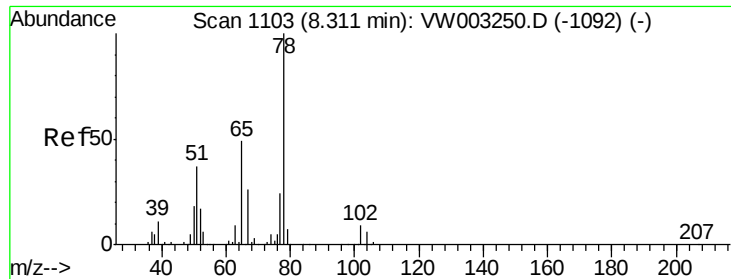
Delta R.T. -0.01 min

Lab File: VW003656.D

Acq: 29 Jun 2018 13:23

Tgt Ion:	97	Resp:	74999
Ion Ratio	Lower	Upper	
97	100		
99	65.3	51.7	77.5
61	47.9	37.6	56.4





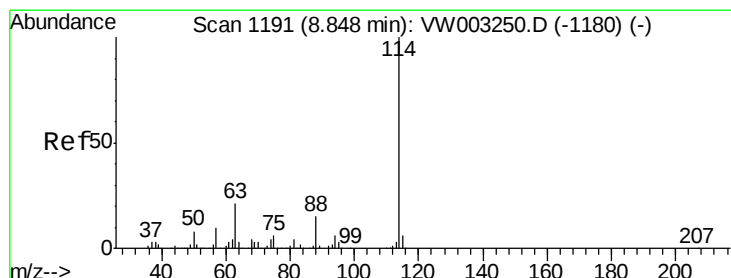
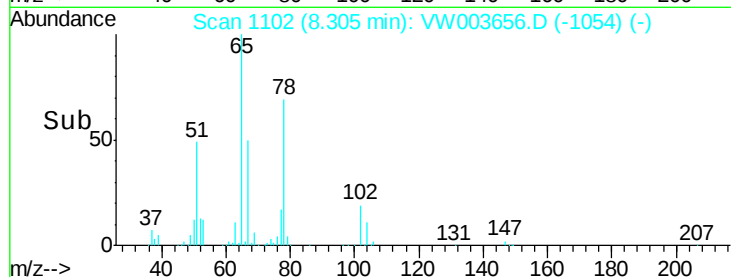
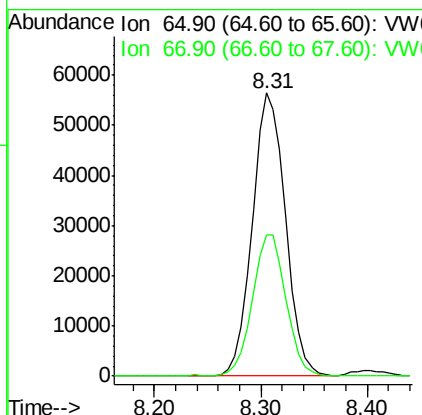
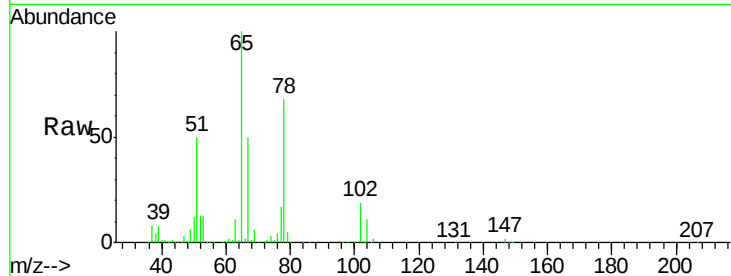
#33
 1,2-Dichloroethane-d4
 Concen: 51.48 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.01 min
 Lab File: VW003656.D
 Acq: 29 Jun 2018 13:23

Instrument :
 MSVOA_W
 ClientSampled :
 VW0629SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	50.6	0.0	104.2	

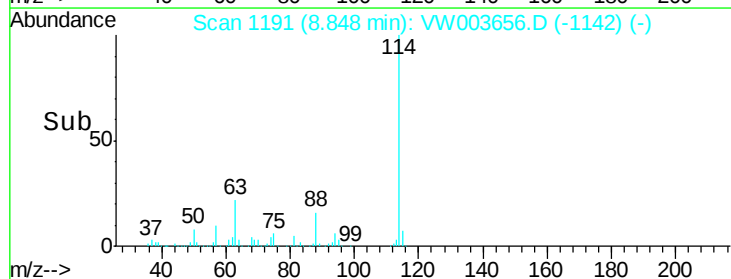
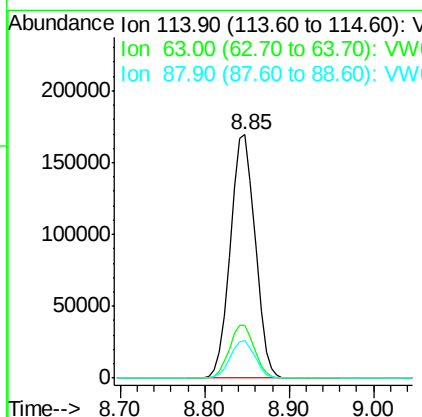
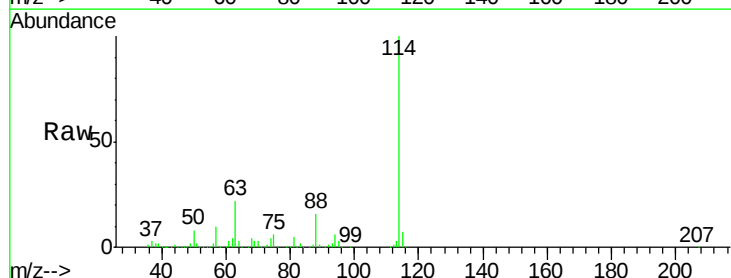
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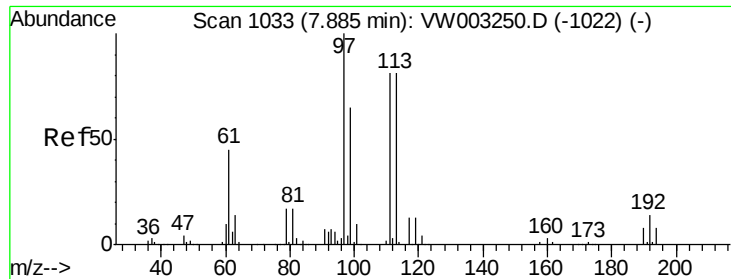
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003656.D
 Acq: 29 Jun 2018 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	21.6	0.0	43.0	
88	15.6	0.0	29.6	





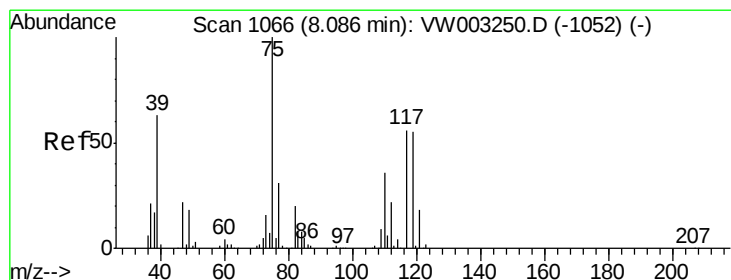
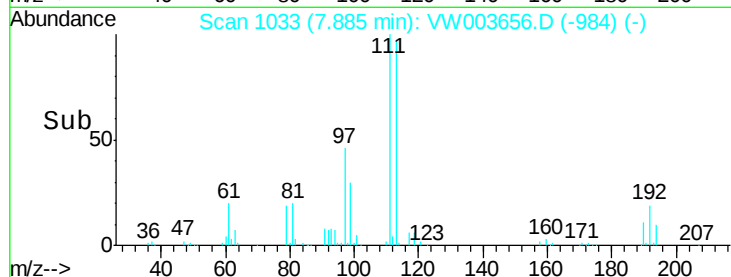
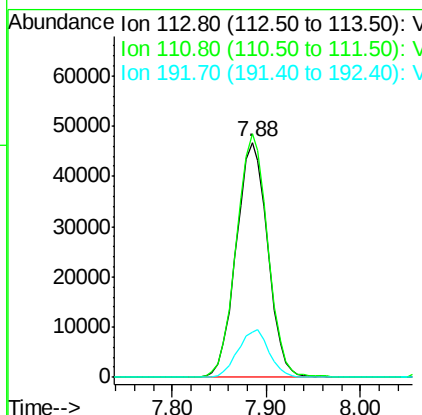
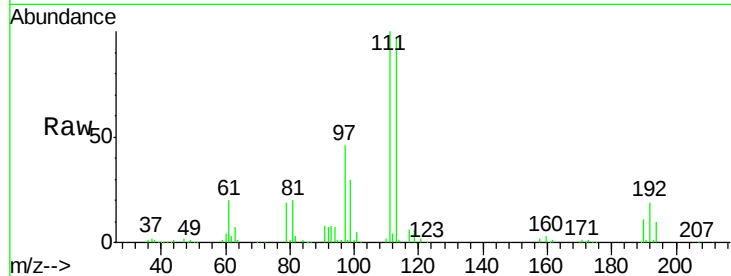
#35
 Dibromofluoromethane
 Concen: 52.13 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003656.D
 Acq: 29 Jun 2018 13:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0629SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	109438		
111	103.4	82.2	123.2	
192	20.0	16.2	24.2	

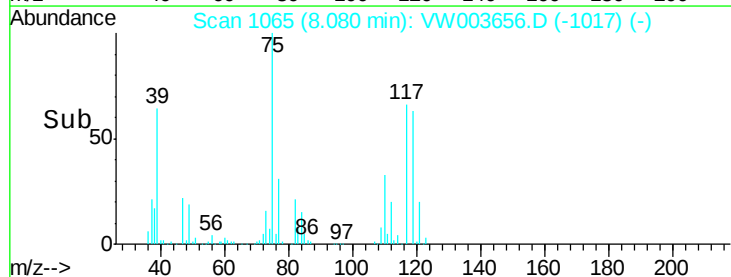
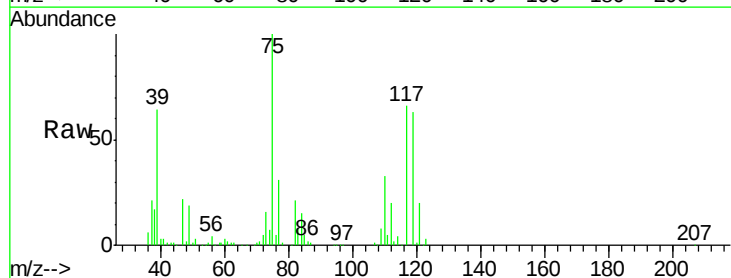
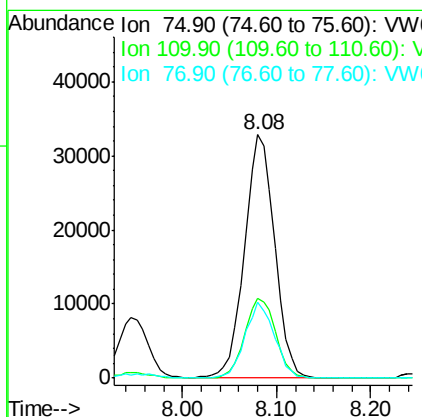
Manual Integrations
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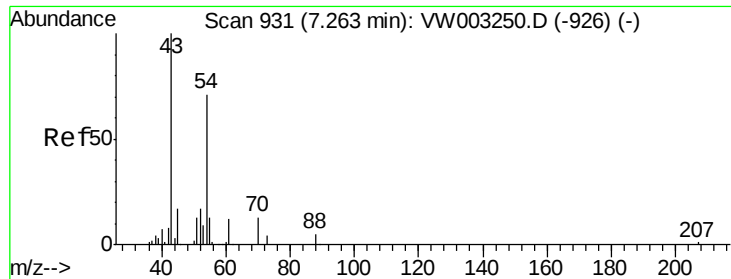
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#36
 1,1-Dichloropropene
 Concen: 22.44 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. -0.01 min
 Lab File: VW003656.D
 Acq: 29 Jun 2018 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	73214		
110	33.6	17.1	51.3	
77	30.6	24.9	37.3	





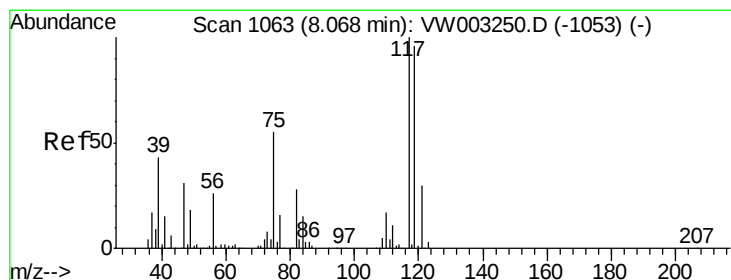
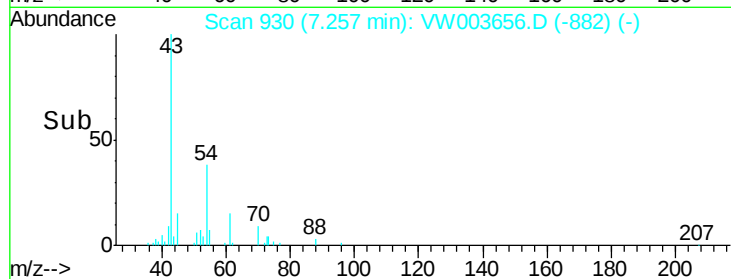
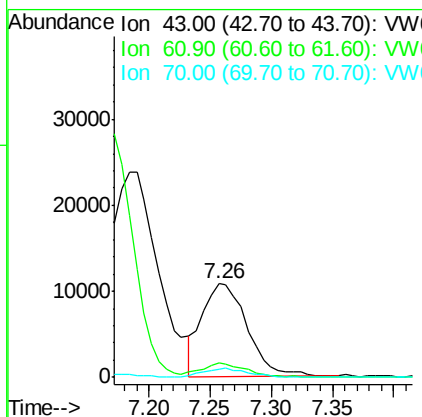
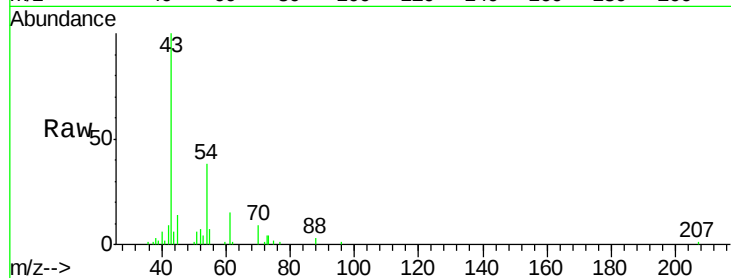
#37
Ethyl Acetate
Concen: 20.51 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.01 min
Lab File: VW003656.D
Acq: 29 Jun 2018 13:23

Instrument :
MSVOA_W
ClientSampled :
VW0629SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.5	10.8	16.2
70	9.0	7.8	11.6

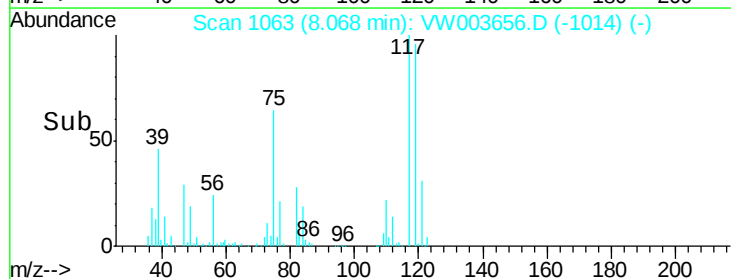
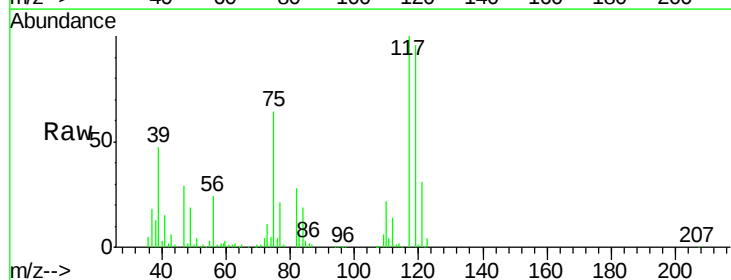
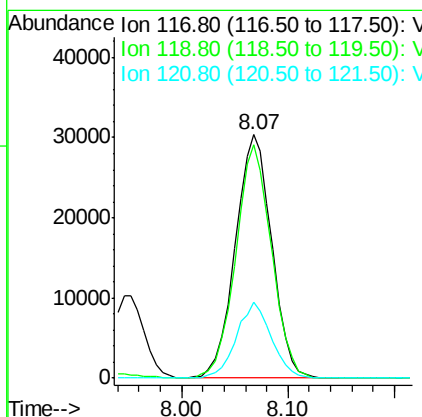
Manual Integrations
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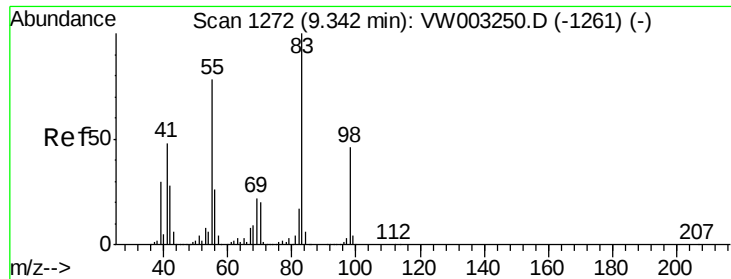
apatel
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#38
Carbon Tetrachloride
Concen: 22.69 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW003656.D
Acq: 29 Jun 2018 13:23

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.9	76.6	115.0
121	31.3	23.9	35.9





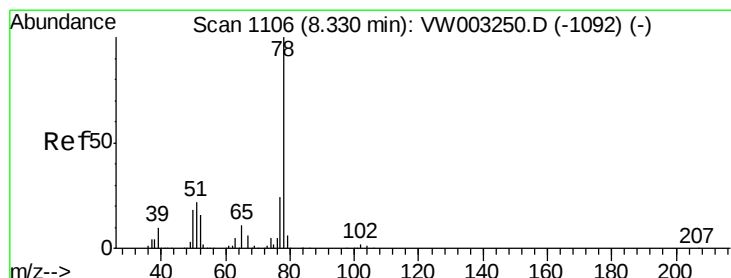
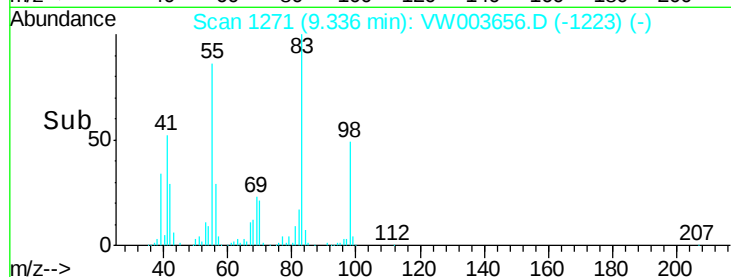
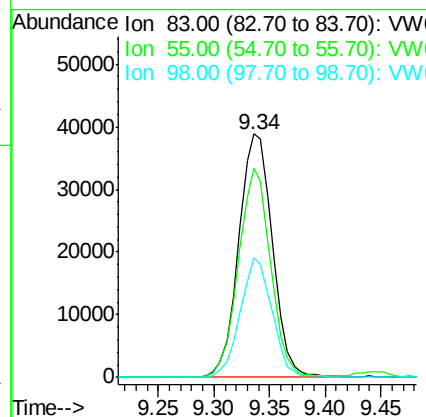
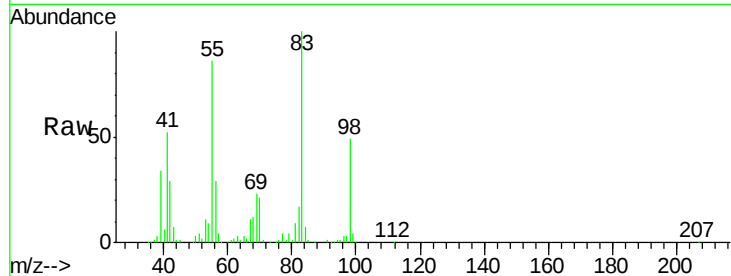
#39
Methvlcvclohexane
Concen: 21.57 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.01 min
Lab File: VW003656.D
Acq: 29 Jun 2018 13:23

Instrument :
MSVOA_W
ClientSampleId :
VW0629SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	85.9	62.6	93.8
98	49.0	37.0	55.4

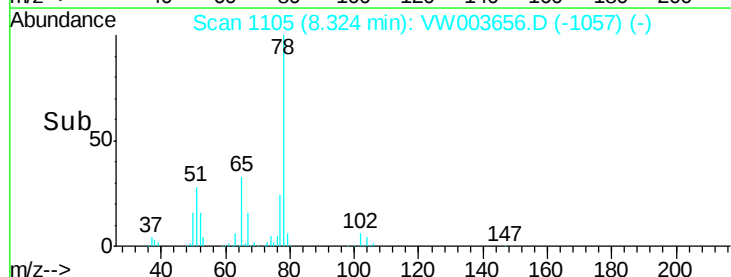
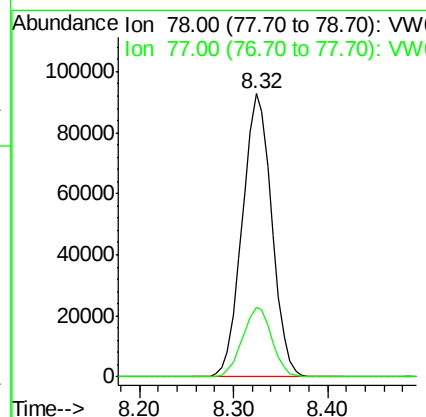
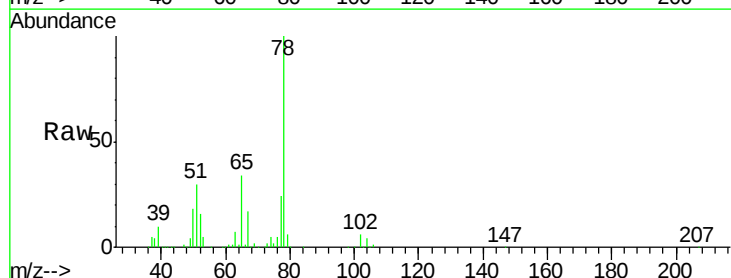
Manual Integrations
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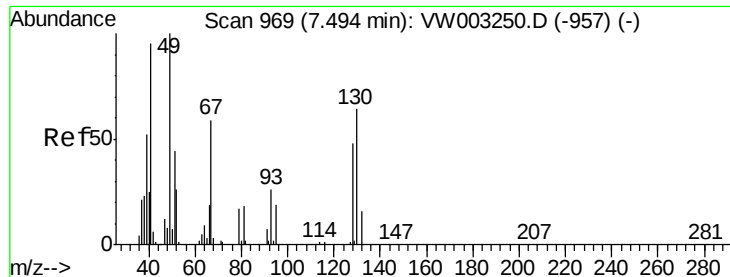
apatel
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#40
Benzene
Concen: 22.55 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.01 min
Lab File: VW003656.D
Acq: 29 Jun 2018 13:23

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.0	28.6





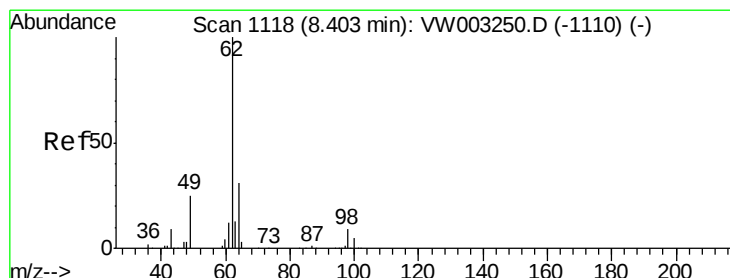
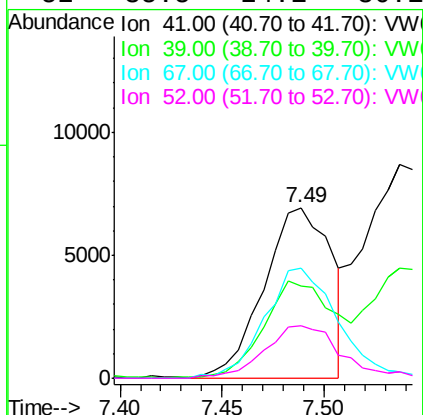
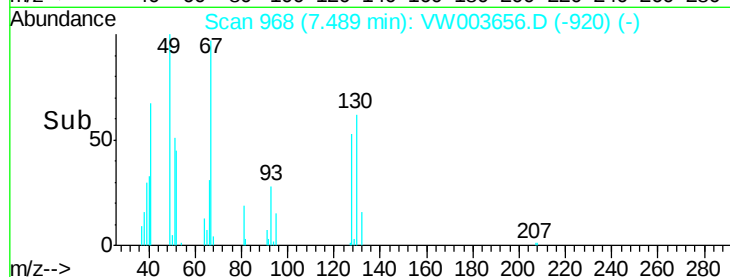
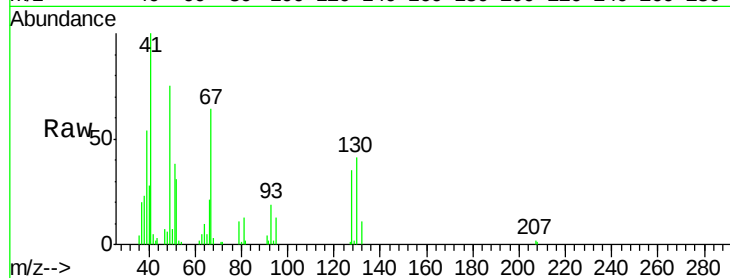
#41
Methacrylonitrile
Concen: 19.23 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.01 min
Lab File: VW003656.D
Acq: 29 Jun 2018 13:23

Instrument :
MSVOA_W
ClientSampleId :
VW0629SBS01

Tot Ion	41	Resp	15947
Ion	Ratio	Lower	Upper
41	100		
39	61.4	45.8	68.8
67	70.5	52.3	78.5
52	35.5	24.1	36.1

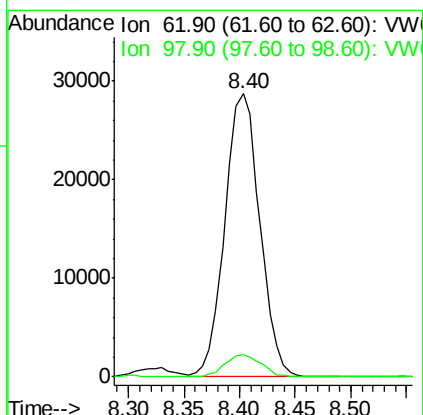
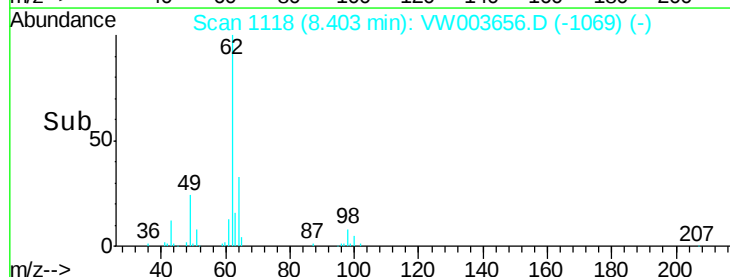
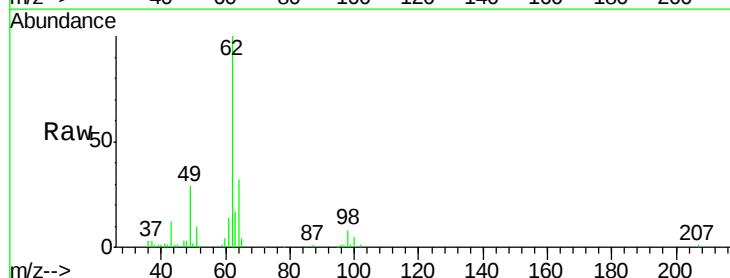
Manual Integrations
APPROVED

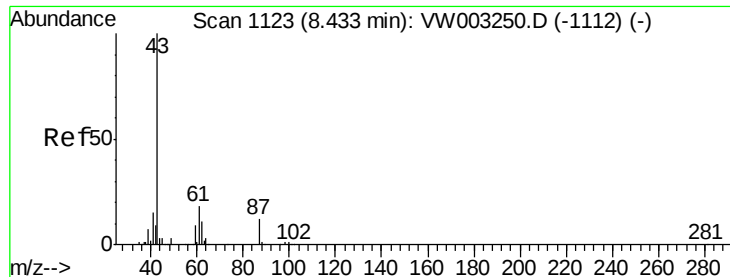
apatel
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#42
1,2-Dichloroethane
Concen: 22.20 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW003656.D
Acq: 29 Jun 2018 13:23

Tgt Ion	62	Resp	62565
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	17.2





#43

Isopropyl Acetate

Concen: 20.36 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VW003656.D

Acq: 29 Jun 2018 13:23

Instrument :

MSVOA_W

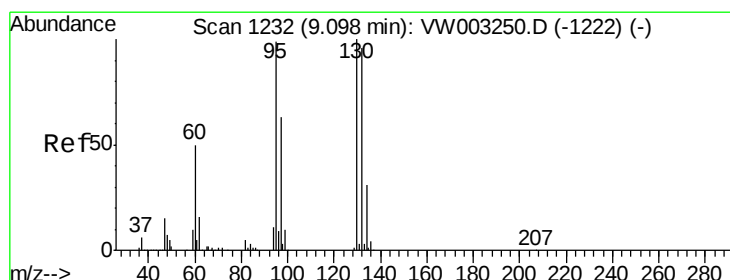
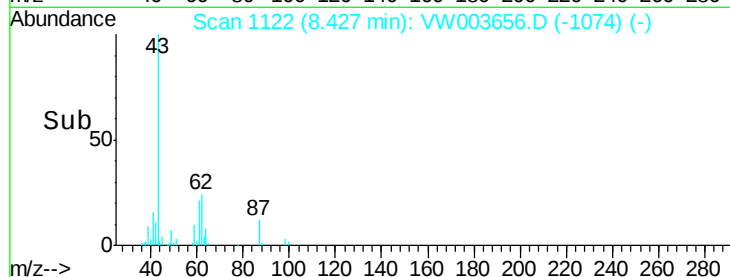
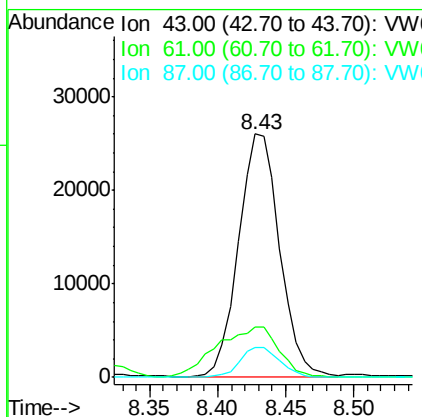
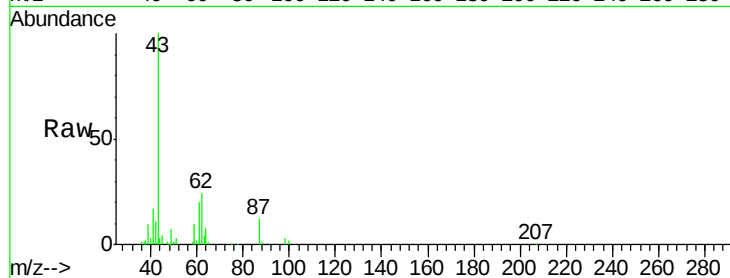
ClientSampled :

VW0629SBS01

Tot Ion:	43	Resp:	54656
Ion	Ratio	Lower	Upper
43	100		
61	31.2	23.1	34.7
87	12.2	9.8	14.6

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#44

Trichloroethene

Concen: 22.09 ug/l

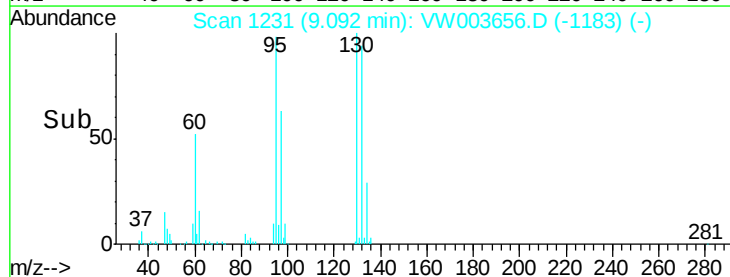
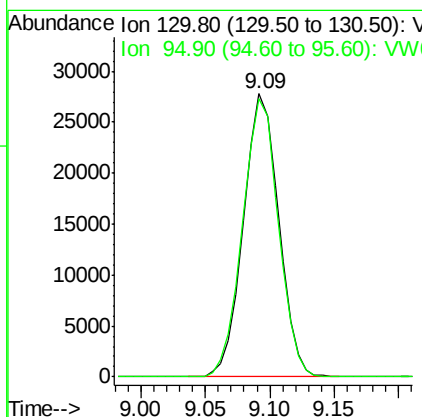
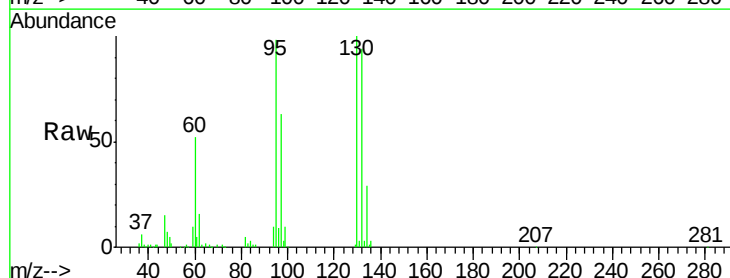
RT: 9.09 min Scan# 1231

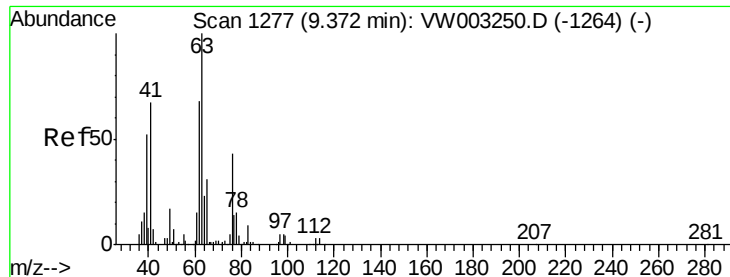
Delta R.T. -0.01 min

Lab File: VW003656.D

Acq: 29 Jun 2018 13:23

Tgt Ion:	130	Resp:	52650
Ion	Ratio	Lower	Upper
130	100		
95	98.1	0.0	198.0





#45

1,2-Dichloropropane

Concen: 22.59 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VW003656.D

Acq: 29 Jun 2018 13:23

Instrument :

MSVOA_W

ClientSampled :

VW0629SBS01

Tot Ion: 63 Resp: 51718

Ion Ratio Lower Upper

63 100

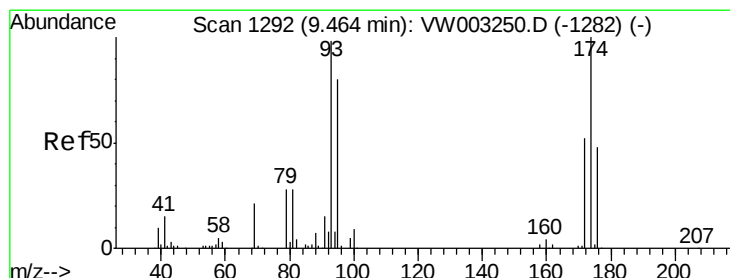
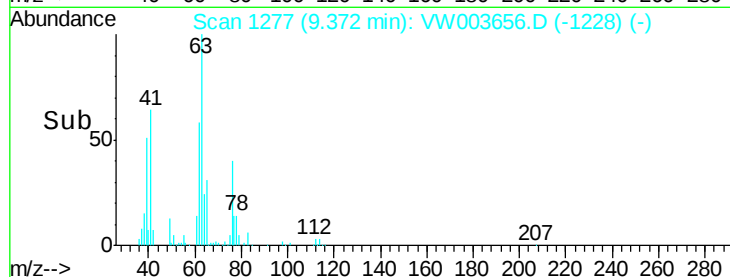
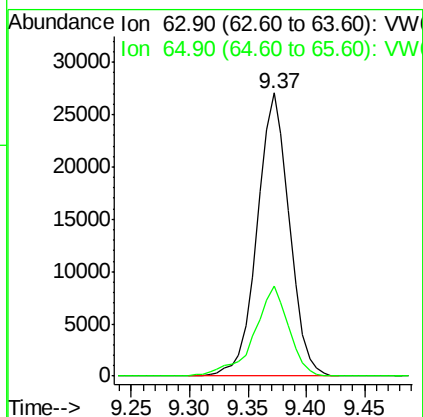
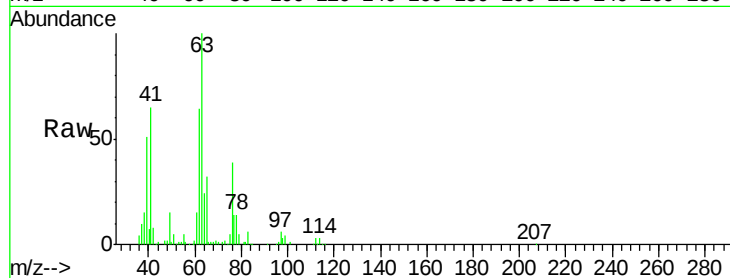
65 31.8 25.1 37.7

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#46

Dibromomethane

Concen: 21.86 ug/l

RT: 9.46 min Scan# 1292

Delta R.T. 0.00 min

Lab File: VW003656.D

Acq: 29 Jun 2018 13:23

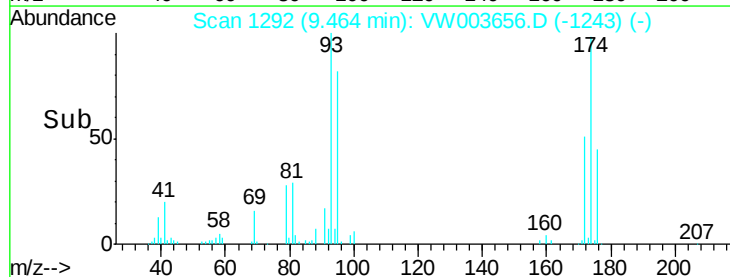
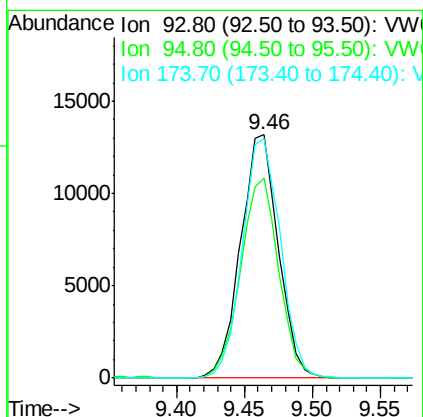
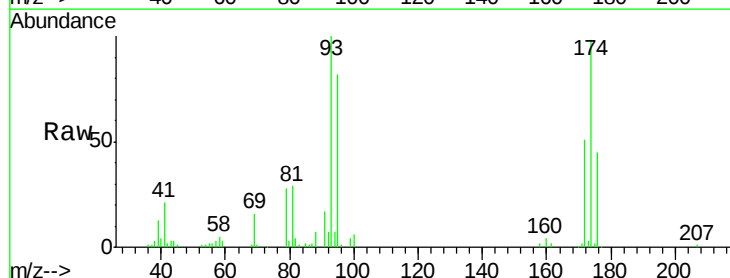
Tgt Ion: 93 Resp: 25630

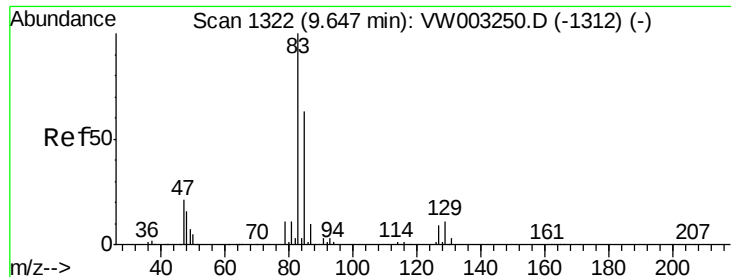
Ion Ratio Lower Upper

93 100

95 82.6 65.8 98.8

174 99.6 81.4 122.0





#47

Bromodichloromethane

Concen: 22.22 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW003656.D

Acq: 29 Jun 2018 13:23

Instrument :

MSVOA_W

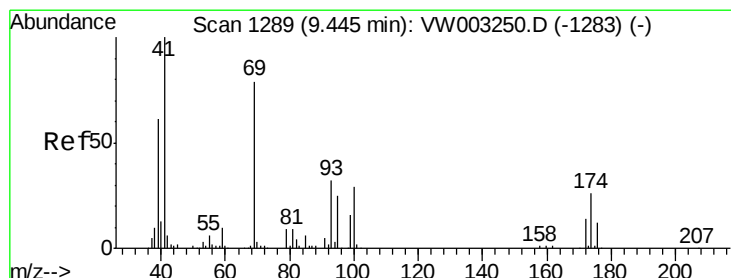
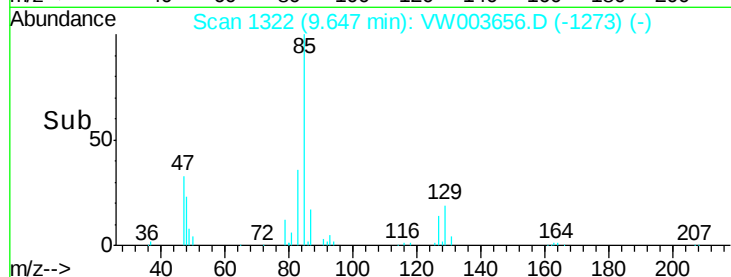
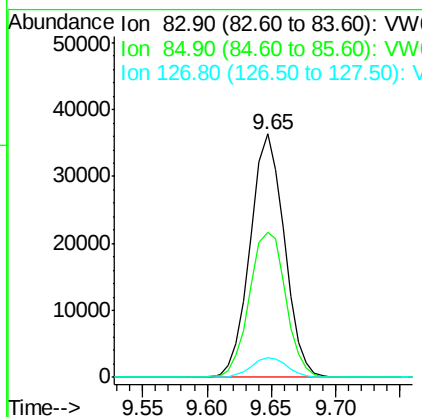
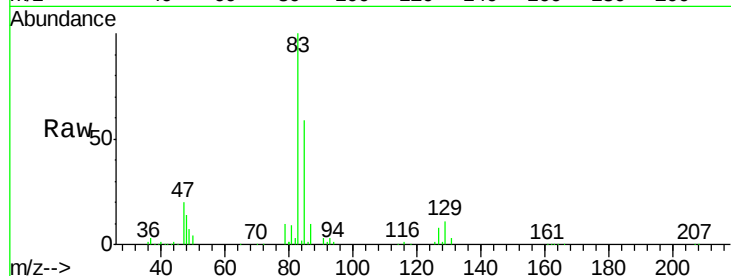
ClientSampleId :

VW0629SBS01

Tot Ion:	83	Resp:	66784
Ion	Ratio	Lower	Upper
83	100		
85	59.5	50.6	75.8
127	8.2	6.8	10.2

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#48

Methyl methacrylate

Concen: 20.54 ug/l

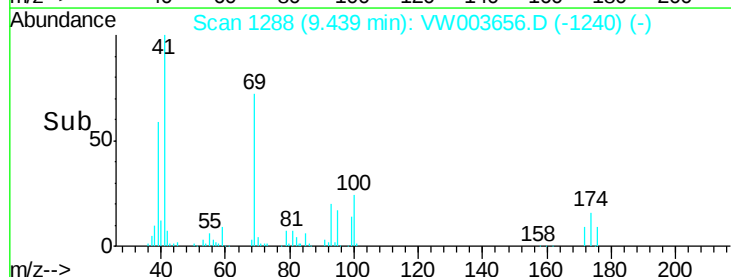
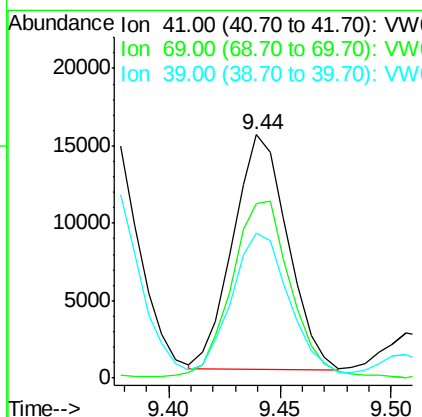
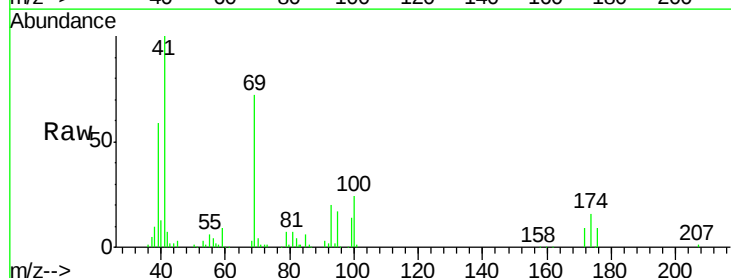
RT: 9.44 min Scan# 1288

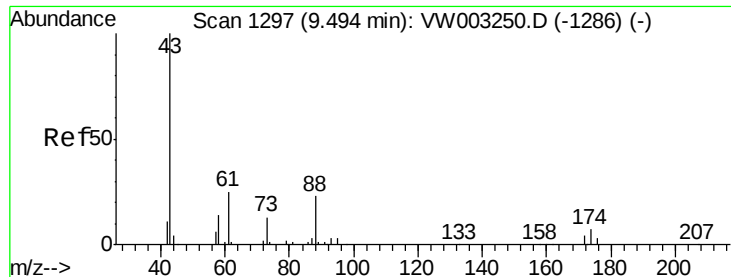
Delta R.T. -0.01 min

Lab File: VW003656.D

Acq: 29 Jun 2018 13:23

Tgt Ion:	41	Resp:	25911
Ion	Ratio	Lower	Upper
41	100		
69	82.3	65.4	98.2
39	66.2	54.2	81.2





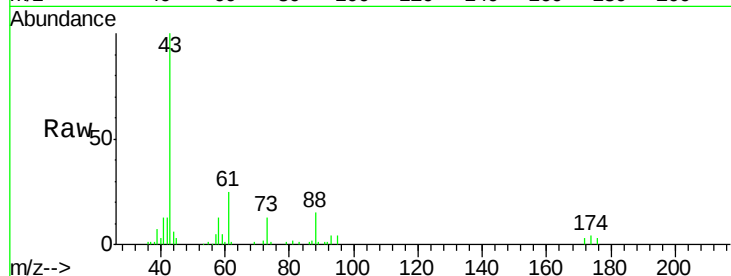
#49
1,4-Dioxane
Concen: 392.34 ug/l
RT: 9.49 min Scan# 1297
Delta R.T. 0.00 min
Lab File: VW003656.D
Acq: 29 Jun 2018 13:23

Instrument :
MSVOA_W
ClientSampleId :
VW0629SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	626.7	454.7	682.1
58	76.9	58.6	88.0

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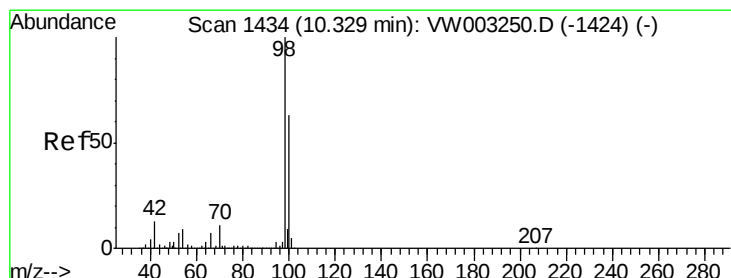
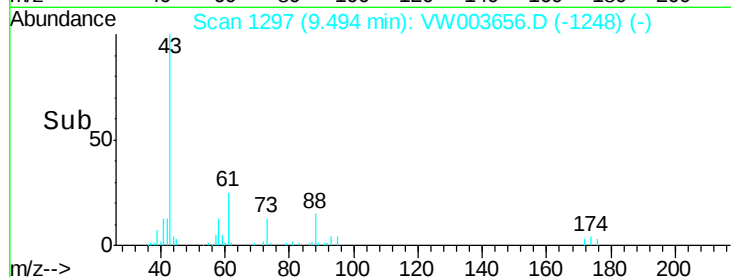
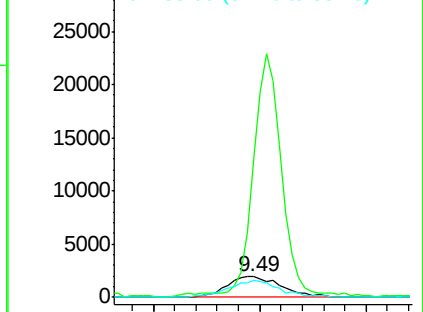


Abundance

Ion 88.00 (87.70 to 88.70): VW

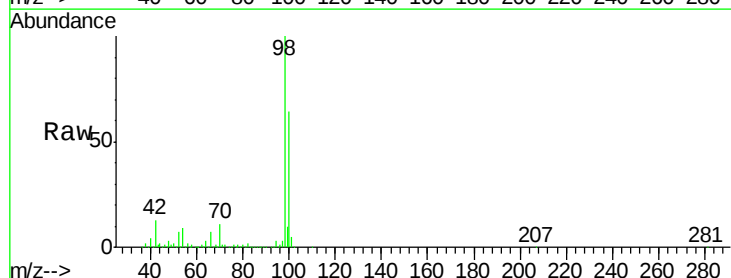
Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50
Toluene-d8
Concen: 52.75 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW003656.D
Acq: 29 Jun 2018 13:23

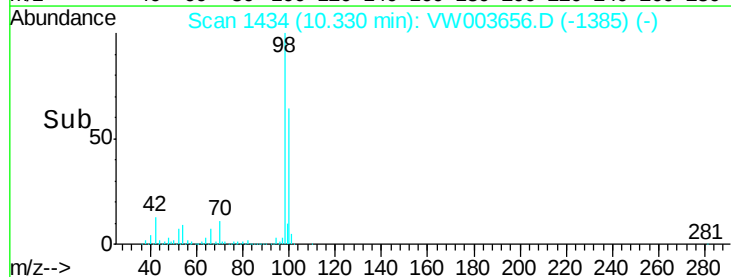
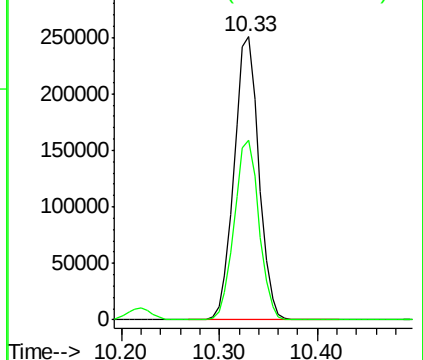
Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.6	50.8	76.2

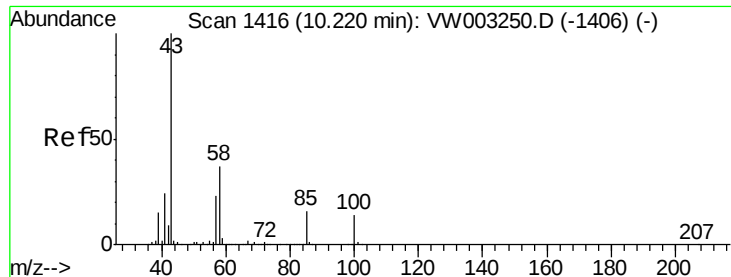


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 105.93 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. -0.01 min

Lab File: VW003656.D

Acq: 29 Jun 2018 13:23

Instrument :

MSVOA_W

ClientSampled :

VW0629SBS01

Tot Ion: 43 Resp: 144871

Ion Ratio Lower Upper

43 100

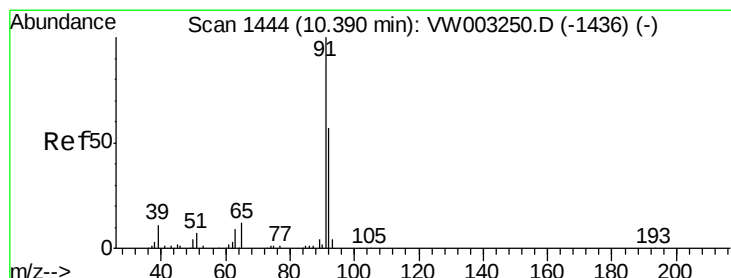
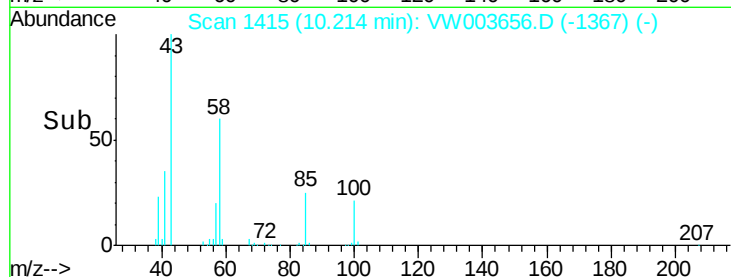
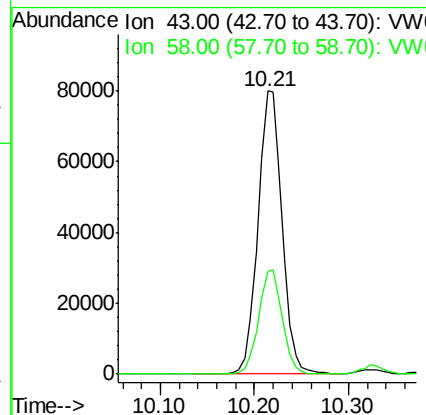
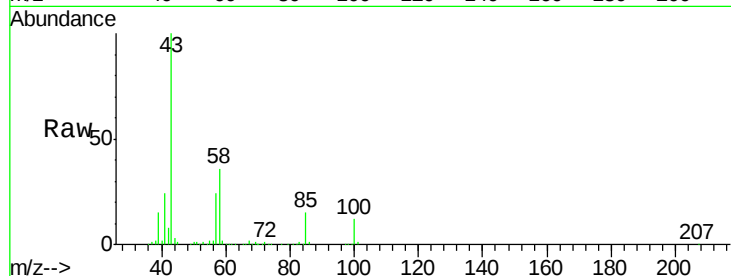
58 36.0 29.0 43.4

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#52

Toluene

Concen: 22.48 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW003656.D

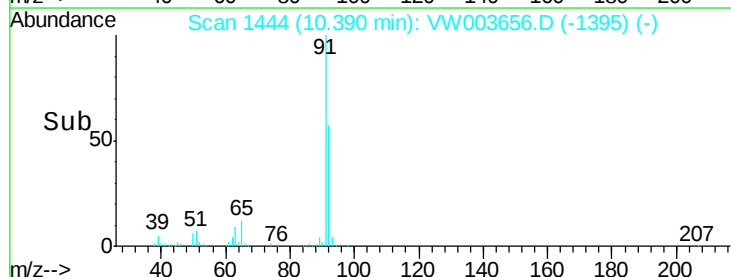
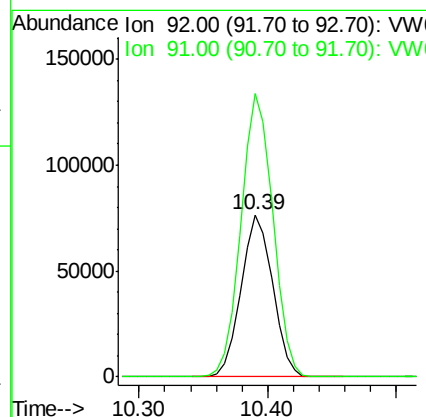
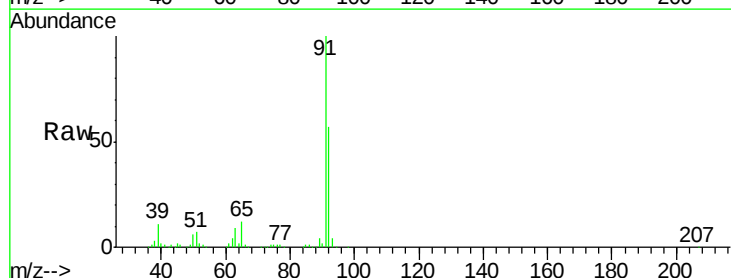
Acq: 29 Jun 2018 13:23

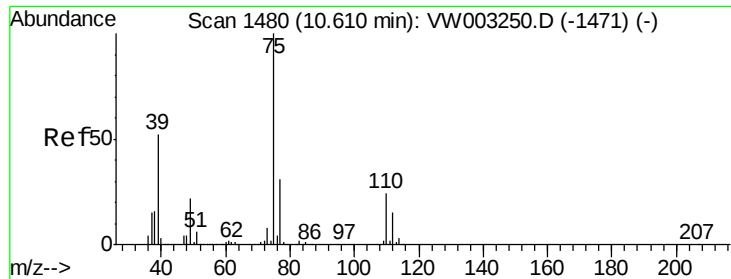
Tgt Ion: 92 Resp: 129653

Ion Ratio Lower Upper

92 100

91 176.5 141.1 211.7





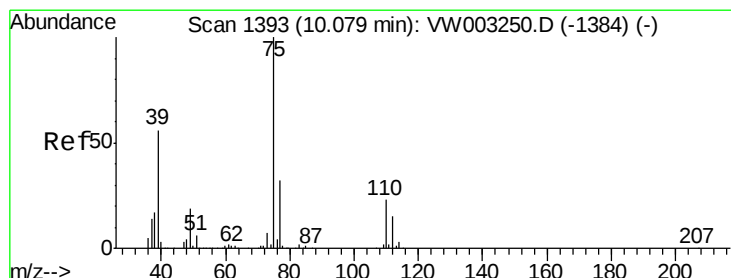
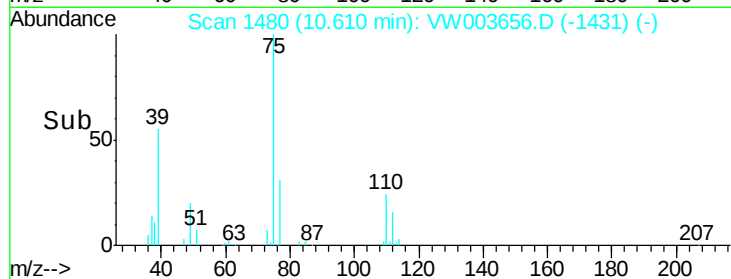
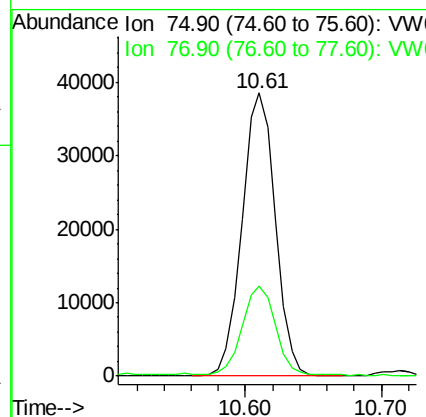
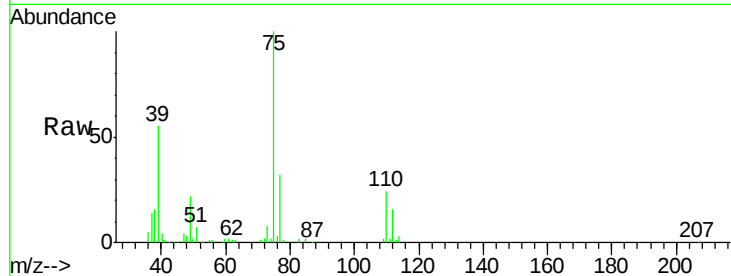
#53
t-1,3-Dichloropropene
Concen: 21.45 ug/l
RT: 10.61 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VW003656.D
Acq: 29 Jun 2018 13:23

Instrument :
MSVOA_W
ClientSampled :
VW0629SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.2	24.9	37.3

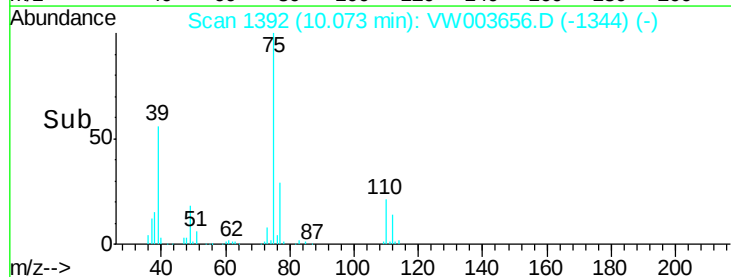
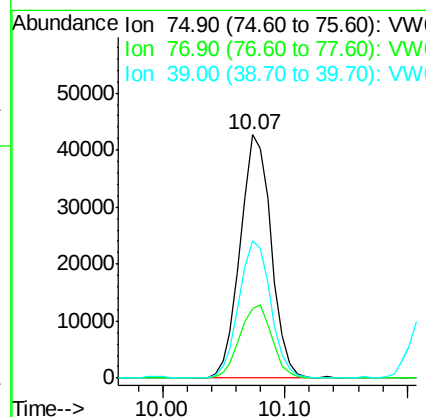
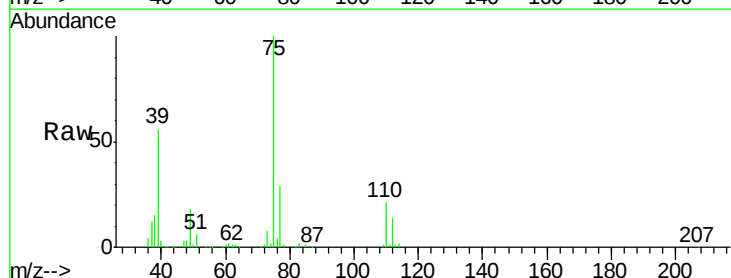
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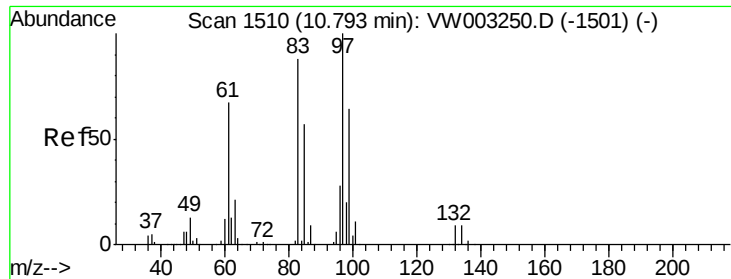
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#54
cis-1,3-Dichloropropene
Concen: 21.44 ug/l
RT: 10.07 min Scan# 1392
Delta R.T. -0.01 min
Lab File: VW003656.D
Acq: 29 Jun 2018 13:23

Tgt Ion	Ratio	Lower	Upper
75	100		
77	28.7	25.8	38.6
39	56.1	45.2	67.8





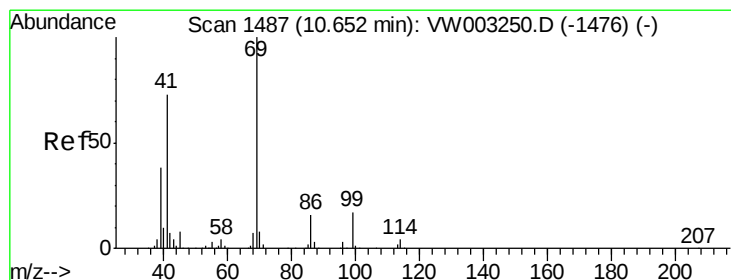
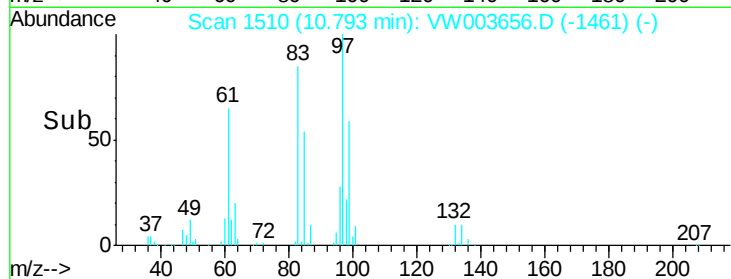
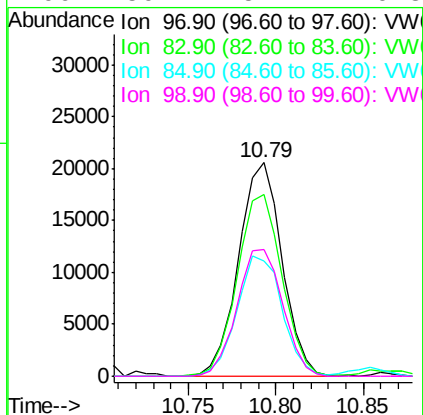
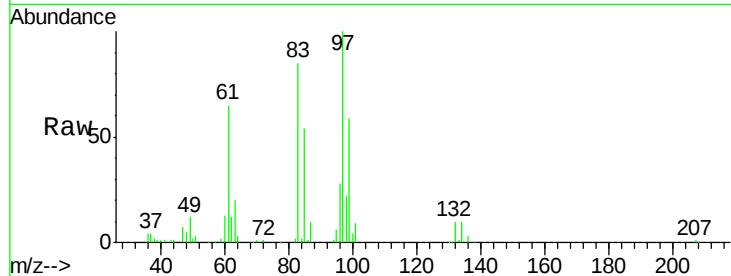
#55
 1,1,2-Trichloroethane
 Concen: 21.55 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW003656.D
 Acq: 29 Jun 2018 13:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0629SBS01

Tot Ion:	97	Resp:	35608
Ion	Ratio	Lower	Upper
97	100		
83	84.9	70.2	105.2
85	53.9	45.6	68.4
99	59.2	51.2	76.8

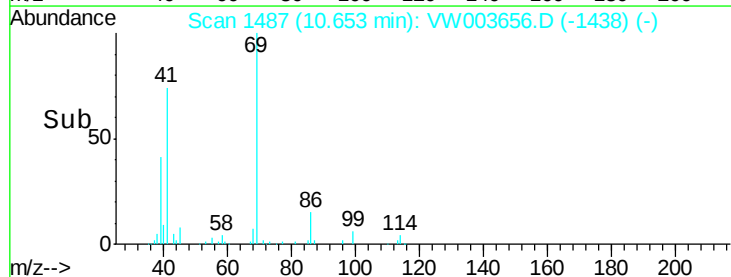
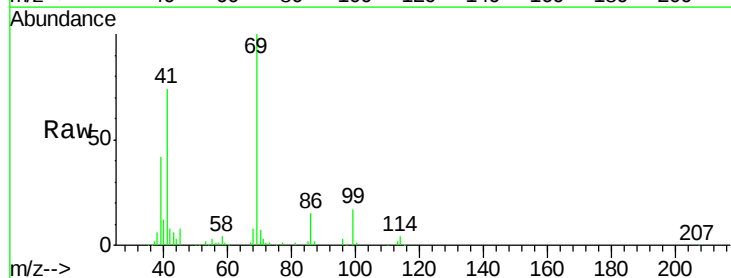
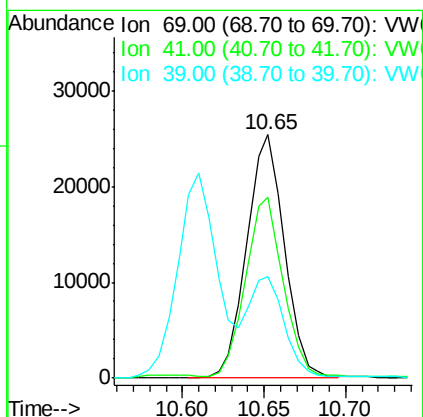
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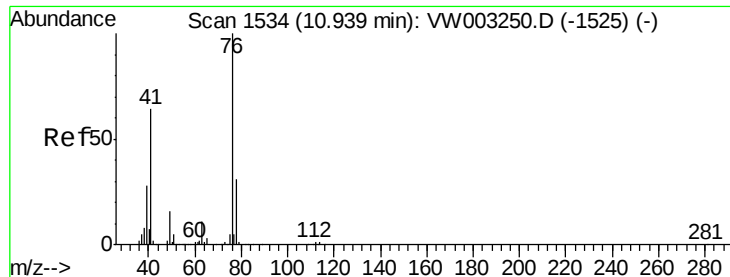
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#56
 Ethyl methacrylate
 Concen: 20.36 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW003656.D
 Acq: 29 Jun 2018 13:23

Tgt Ion:	69	Resp:	40854
Ion	Ratio	Lower	Upper
69	100		
41	74.2	57.8	86.6
39	38.5	32.7	49.1





#57

1,3-Dichloropropane

Concen: 22.21 ug/l

RT: 10.93 min Scan# 1533

Delta R.T. -0.01 min

Lab File: VW003656.D

Acq: 29 Jun 2018 13:23

Instrument :

MSVOA_W

ClientSampled :

VW0629SBS01

Tot Ion: 76 Resp: 63285

Ion Ratio Lower Upper

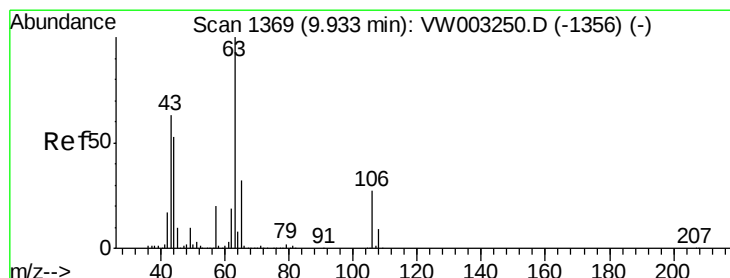
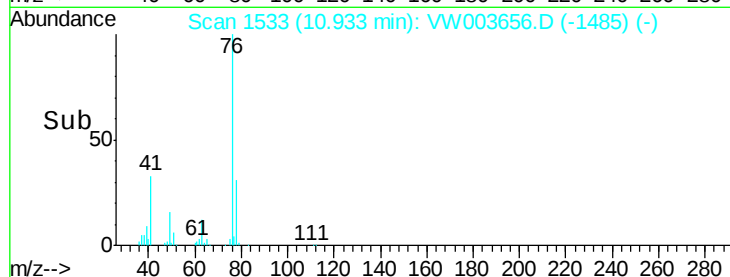
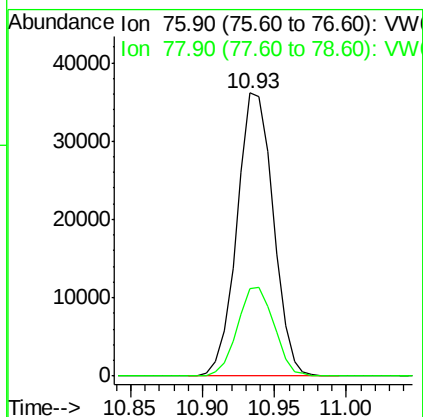
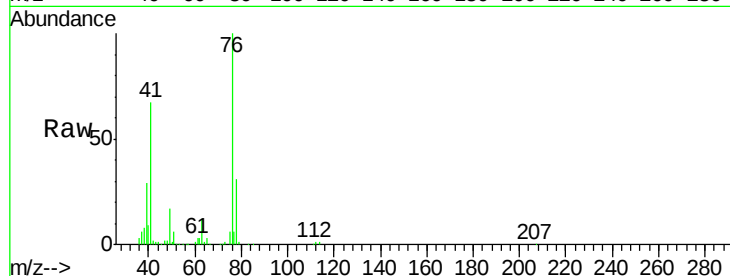
76 100

78 32.0 25.7 38.5

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#58

2-Chloroethyl Vinyl ether

Concen: 110.78 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. -0.01 min

Lab File: VW003656.D

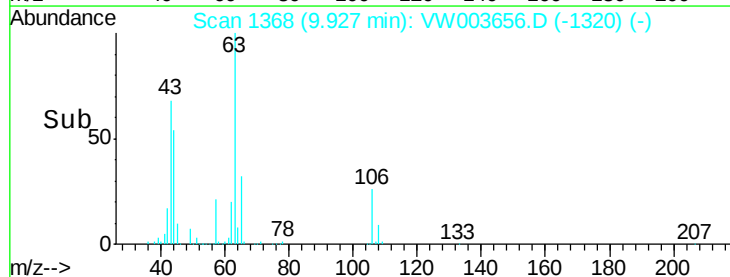
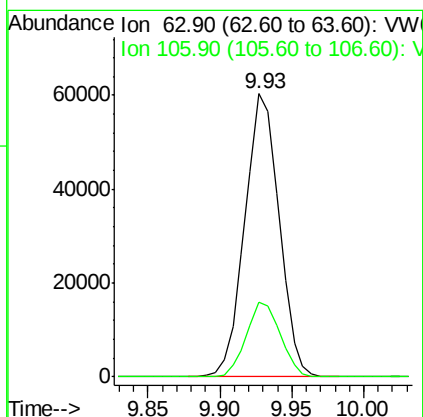
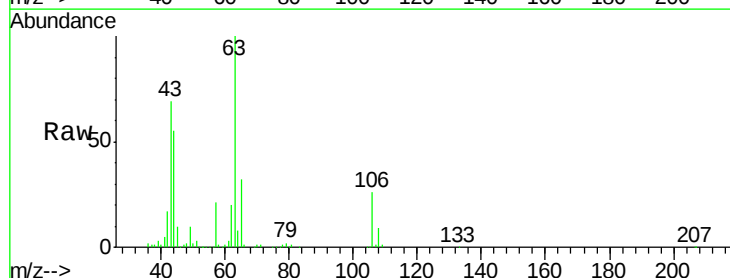
Acq: 29 Jun 2018 13:23

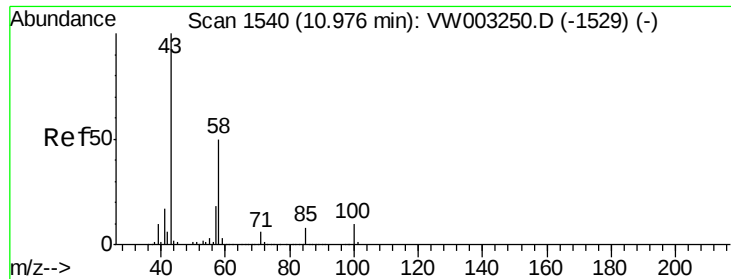
Tgt Ion: 63 Resp: 99621

Ion Ratio Lower Upper

63 100

106 26.2 21.8 32.8





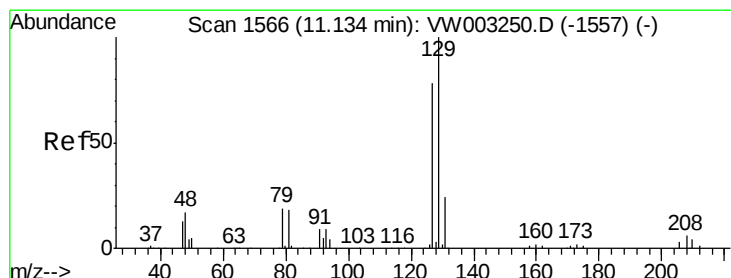
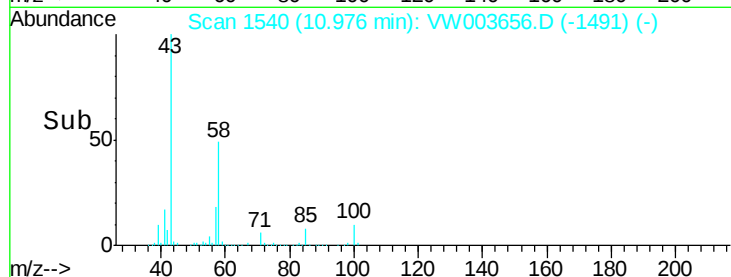
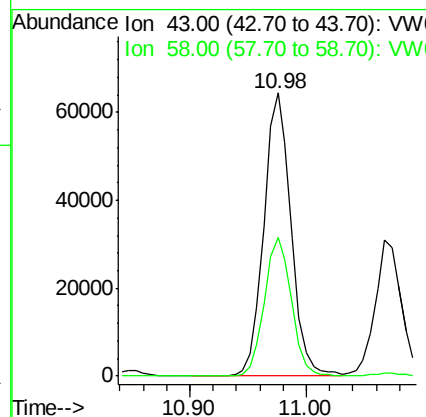
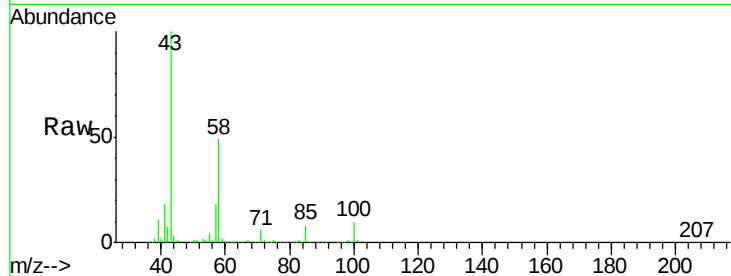
#59
2-Hexanone
Concen: 109.81 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW003656.D
Acq: 29 Jun 2018 13:23

Instrument :
MSVOA_W
ClientSampleId :
VW0629SBS01

Tot Ion: 43 Resp: 104910
Ion Ratio Lower Upper
43 100
58 48.9 25.0 75.0

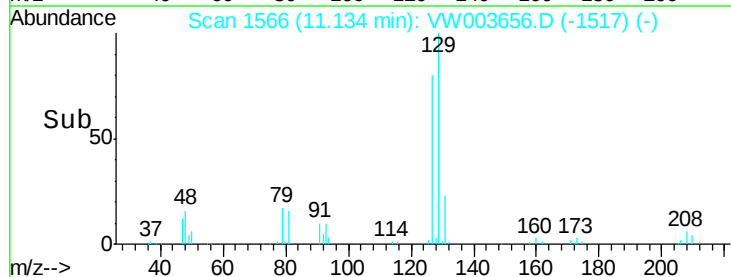
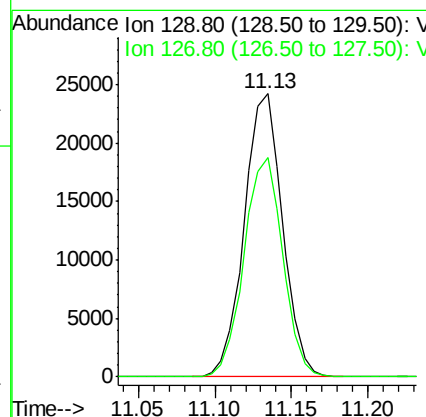
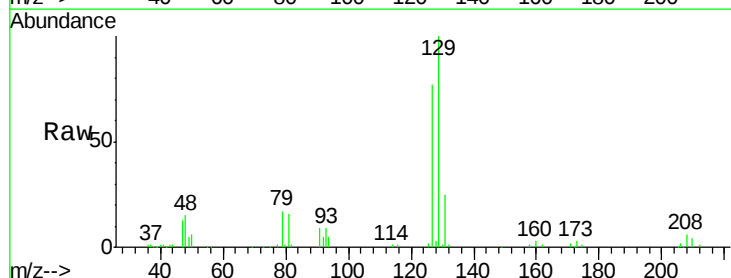
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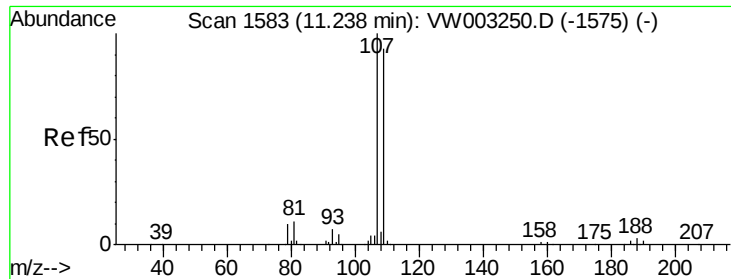
apatel
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#60
Dibromochloromethane
Concen: 21.44 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW003656.D
Acq: 29 Jun 2018 13:23

Tgt Ion: 129 Resp: 42119
Ion Ratio Lower Upper
129 100
127 78.2 39.1 117.5





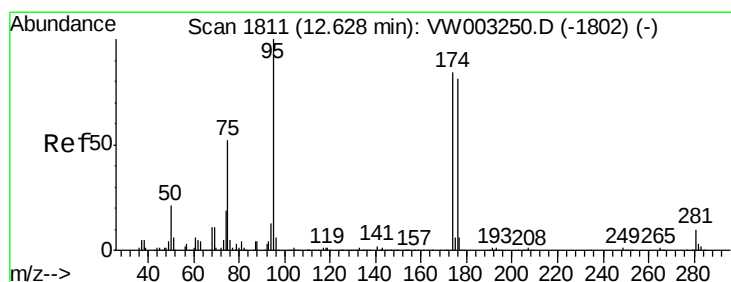
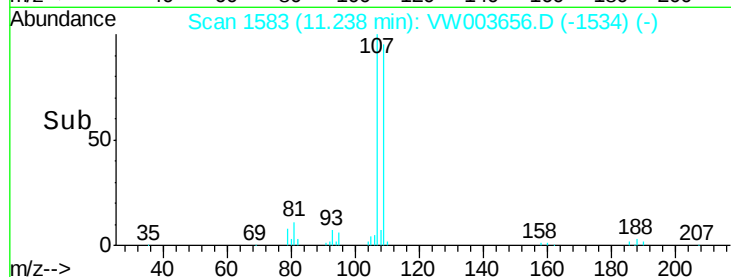
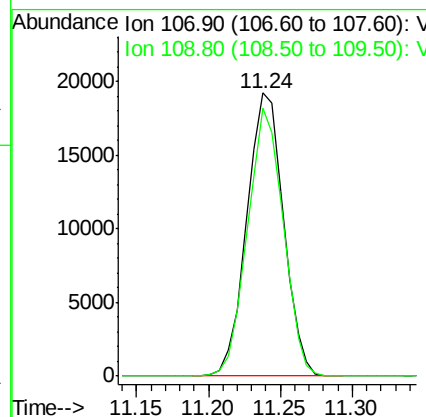
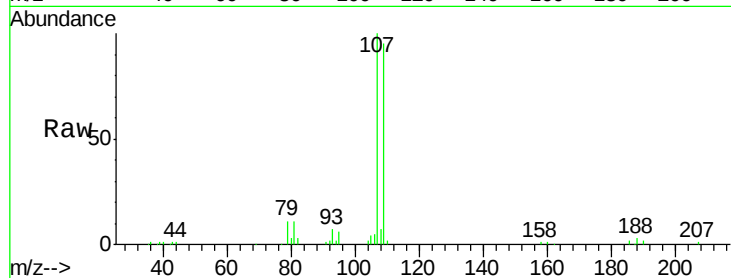
#61
 1,2-Dibromoethane
 Concen: 21.67 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW003656.D
 Acq: 29 Jun 2018 13:23

Instrument :
 MSVOA_W
 ClientSampled :
 VW0629SBS01

Tot Ion: 107 Resp: 33867
 Ion Ratio Lower Upper
 107 100
 109 92.3 75.8 113.6

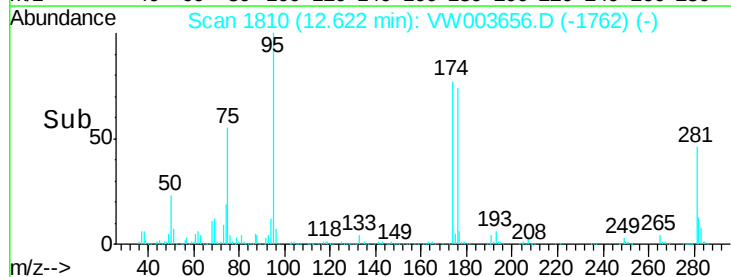
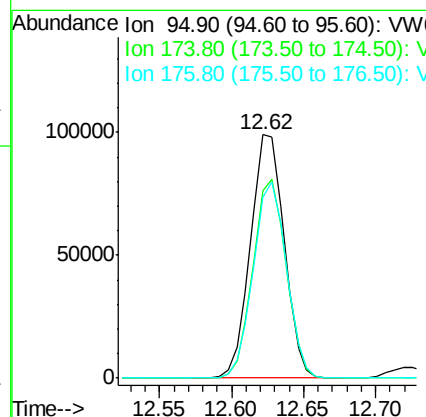
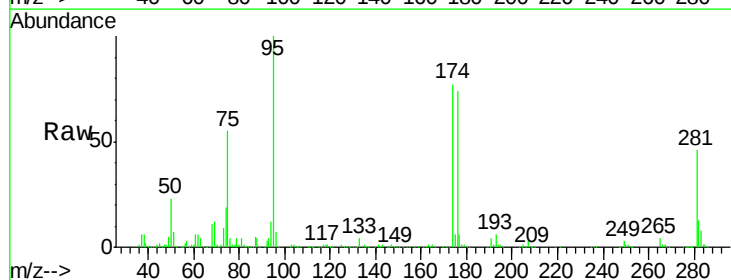
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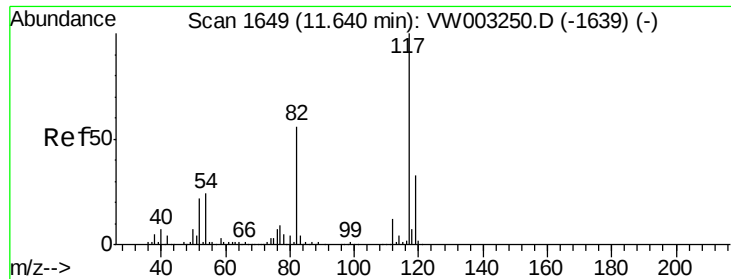
apatel
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#62
 4-Bromofluorobenzene
 Concen: 54.46 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.01 min
 Lab File: VW003656.D
 Acq: 29 Jun 2018 13:23

Tgt Ion: 95 Resp: 160428
 Ion Ratio Lower Upper
 95 100
 174 80.4 0.0 166.4
 176 79.2 0.0 162.0





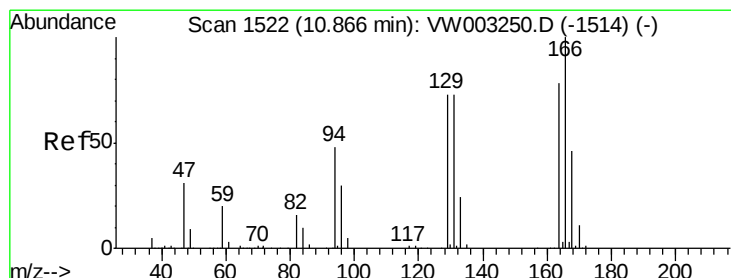
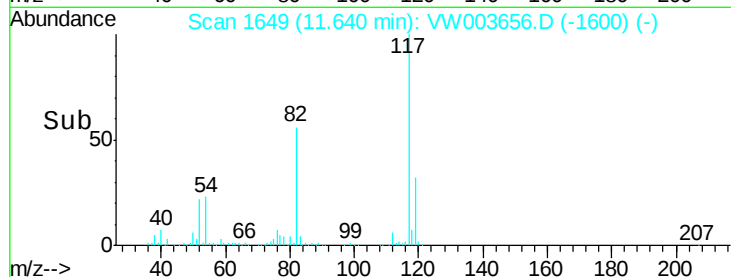
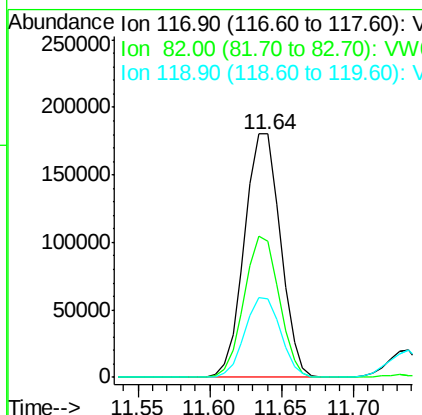
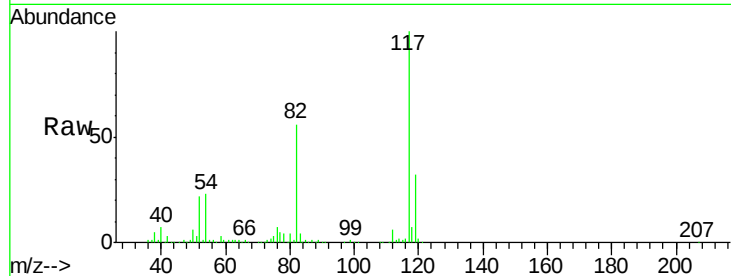
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VW003656.D
Acq: 29 Jun 2018 13:23

Instrument :
MSVOA_W
ClientSampleId :
VW0629SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.7	44.6	67.0
119	32.3	26.7	40.1

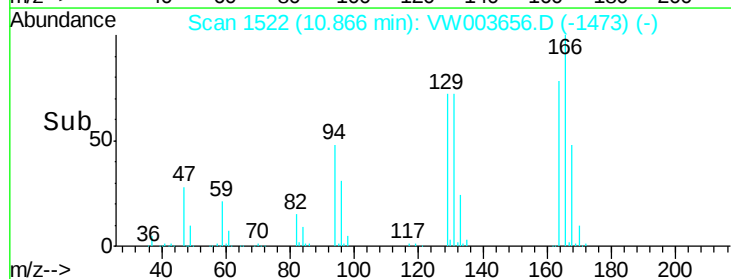
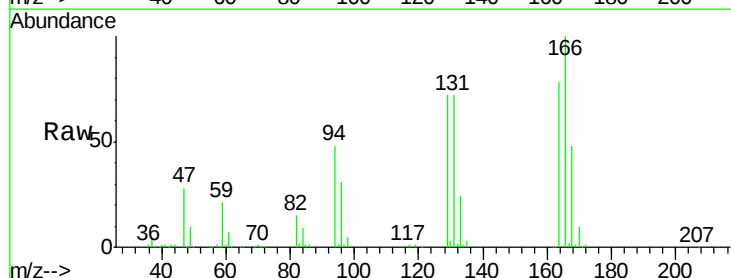
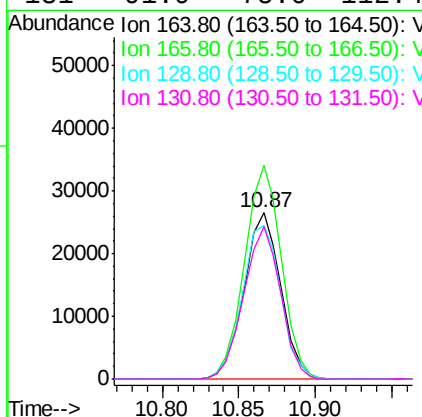
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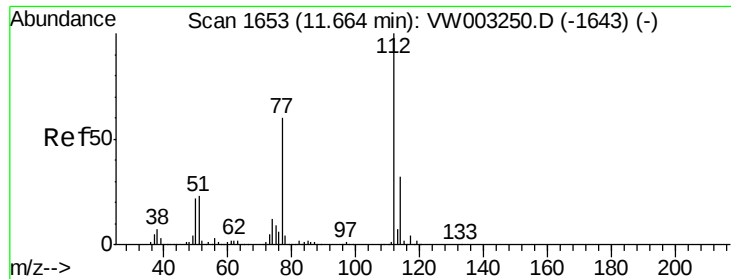
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#64
Tetrachloroethene
Concen: 21.21 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003656.D
Acq: 29 Jun 2018 13:23

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.4	102.6	154.0
129	92.6	75.2	112.8
131	91.9	75.0	112.4





#65

Chlorobenzene

Concen: 21.72 ug/l

RT: 11.66 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VW003656.D

Acq: 29 Jun 2018 13:23

Instrument :

MSVOA_W

ClientSampleId :

VW0629SBS01

Tot Ion:112 Resp: 141542

Ion Ratio Lower Upper

112 100

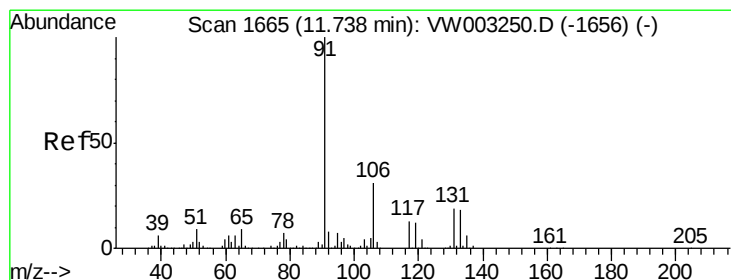
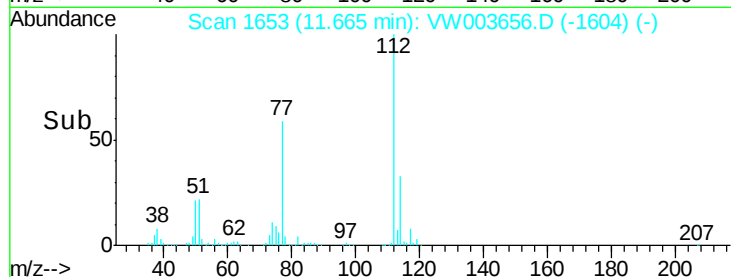
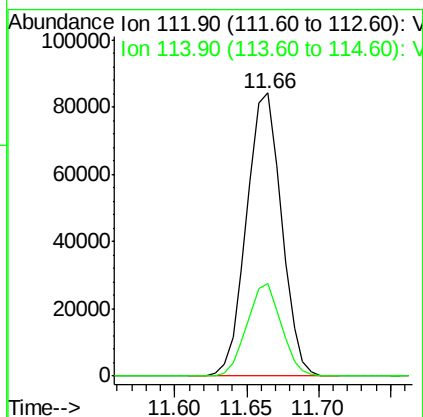
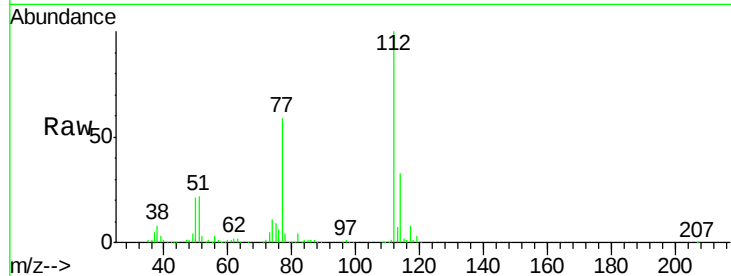
114 32.7 25.9 38.9

Manual Integrations

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#66

1,1,1,2-Tetrachloroethane

Concen: 21.42 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VW003656.D

Acq: 29 Jun 2018 13:23

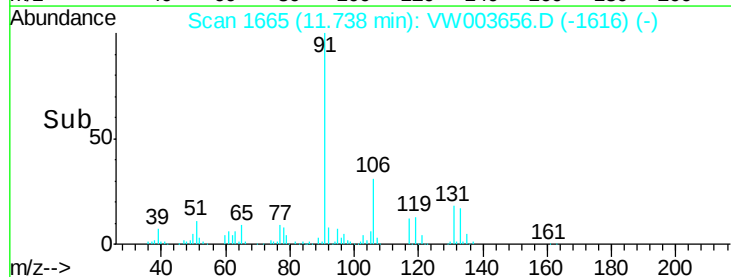
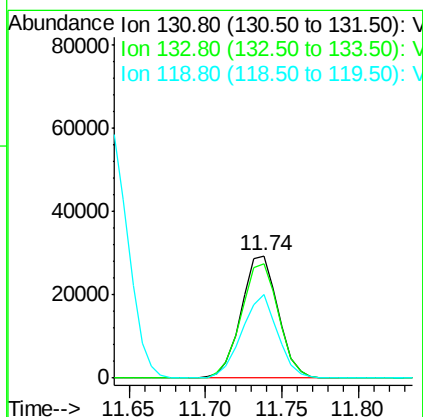
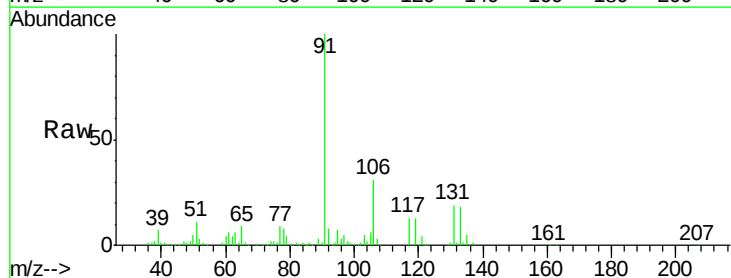
Tgt Ion:131 Resp: 49066

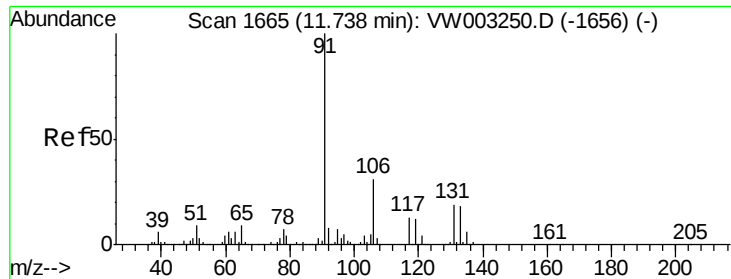
Ion Ratio Lower Upper

131 100

133 95.7 47.3 142.0

119 66.2 32.5 97.4





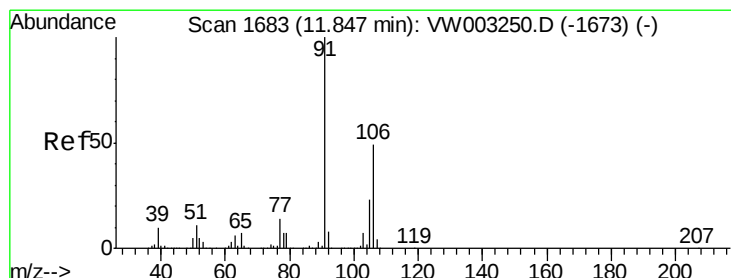
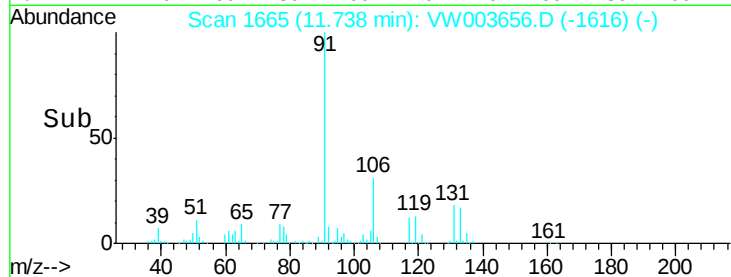
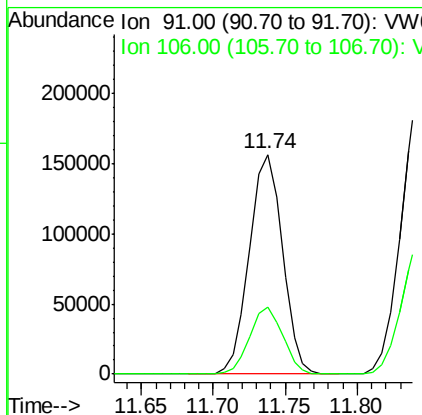
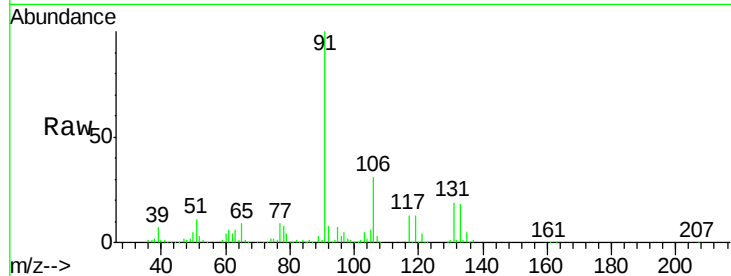
#67
Ethyl Benzene
Concen: 21.58 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003656.D
Acq: 29 Jun 2018 13:23

Instrument :
MSVOA_W
ClientSampleId :
VW0629SBS01

Tot Ion: 91 Resp: 249349
Ion Ratio Lower Upper
91 100
106 30.6 24.7 37.1

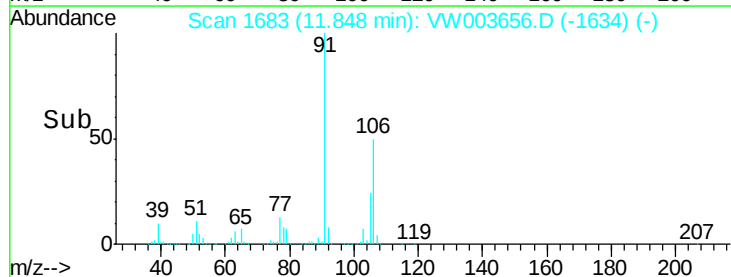
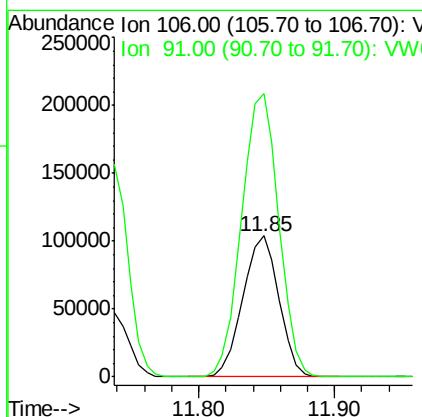
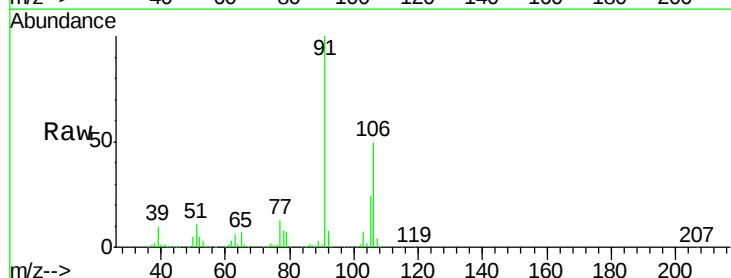
Manual Integrations
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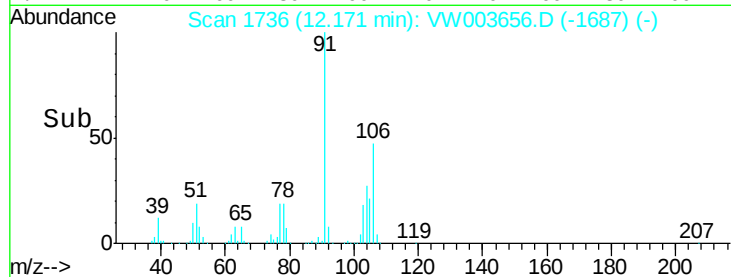
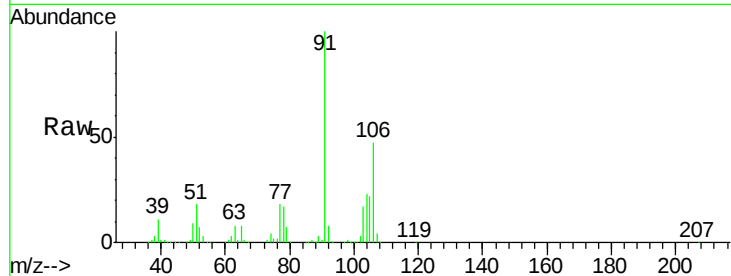
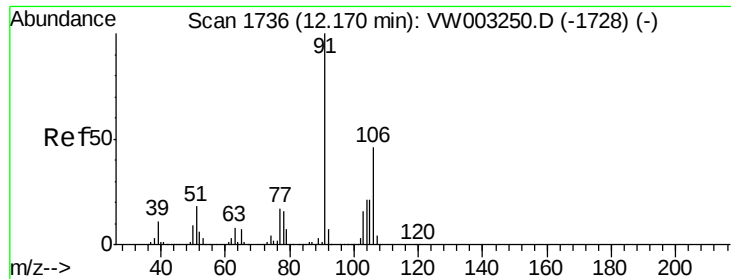
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#68
m/p-Xylenes
Concen: 43.94 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW003656.D
Acq: 29 Jun 2018 13:23

Tgt Ion: 106 Resp: 192999
Ion Ratio Lower Upper
106 100
91 206.7 165.4 248.0





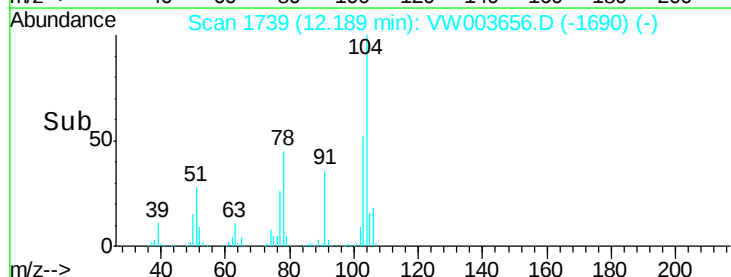
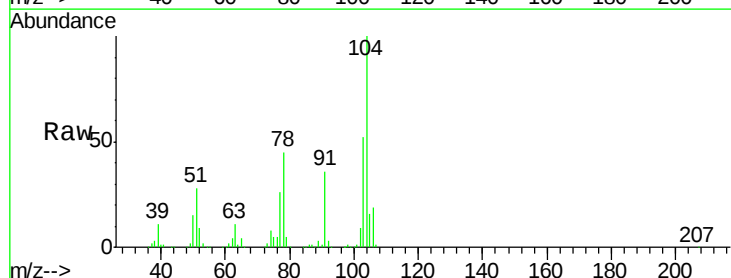
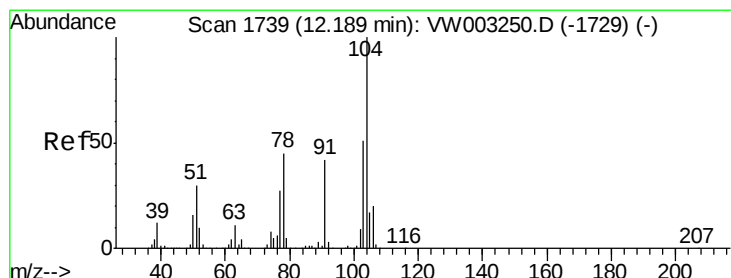
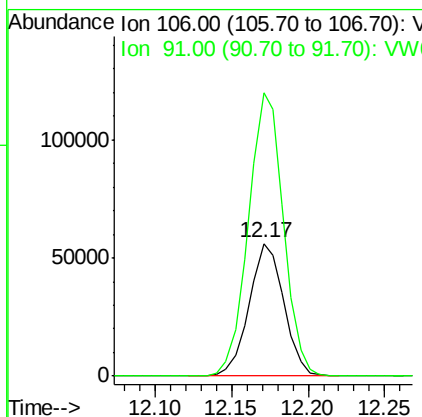
#69
o-Xylene
Concen: 21.80 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003656.D
Acq: 29 Jun 2018 13:23

Tot Ion:106 Resp: 88739
Ion Ratio Lower Upper
106 100
91 214.8 108.6 325.6

Instrument :
MSVOA_W
ClientSampled :
VW0629SBS01

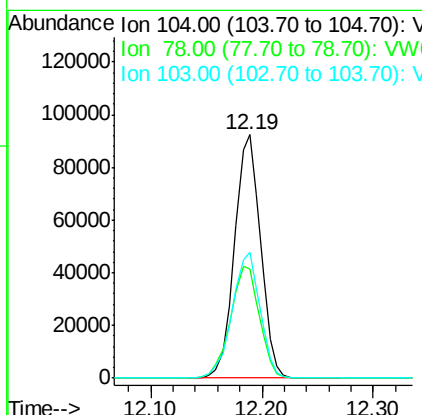
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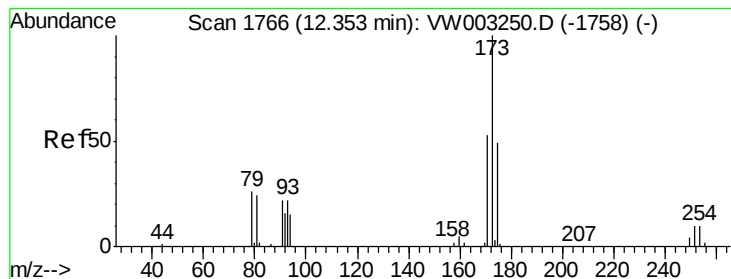
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#70
Styrene
Concen: 22.08 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW003656.D
Acq: 29 Jun 2018 13:23

Tgt Ion:104 Resp: 149587
Ion Ratio Lower Upper
104 100
78 51.1 41.3 61.9
103 55.4 45.0 67.4





#71

Bromoform

Concen: 20.15 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW003656.D

Acq: 29 Jun 2018 13:23

Instrument :

MSVOA_W

ClientSampled :

VW0629SBS01

Tot Ion:173 Resp: 23926

Ion Ratio Lower Upper

173 100

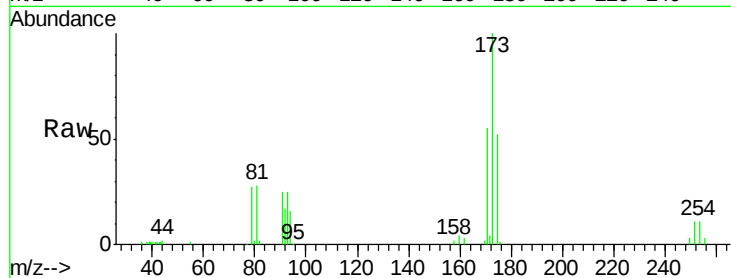
175 48.8 24.4 73.4

254 0.0 0.1 0.1#

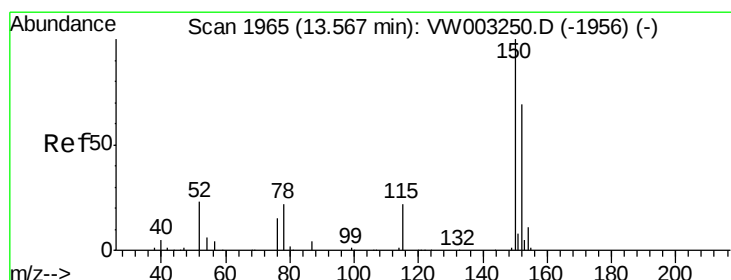
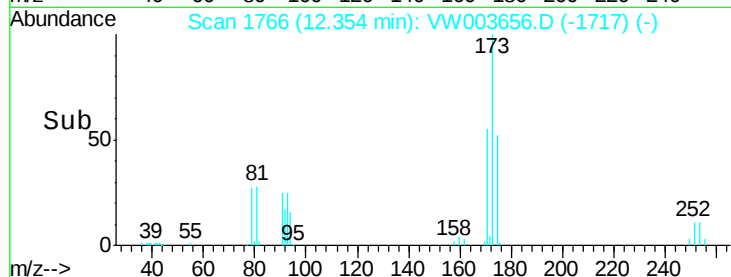
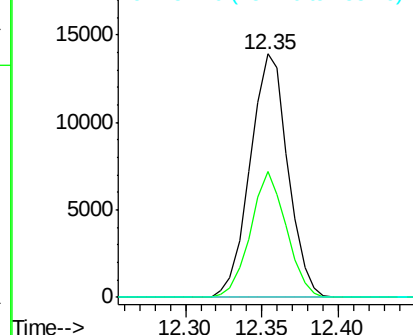
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW003656.D

Acq: 29 Jun 2018 13:23

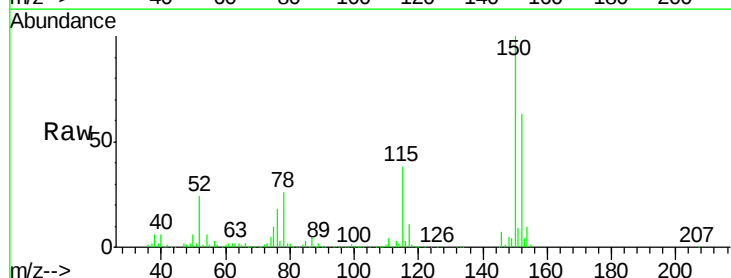
Tgt Ion:152 Resp: 169557

Ion Ratio Lower Upper

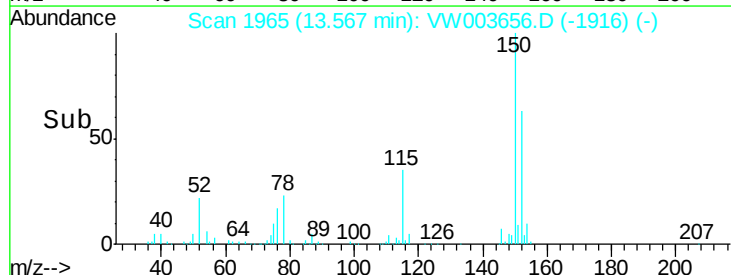
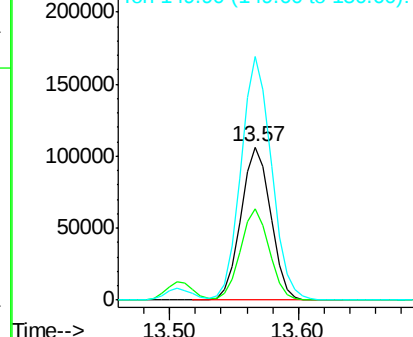
152 100

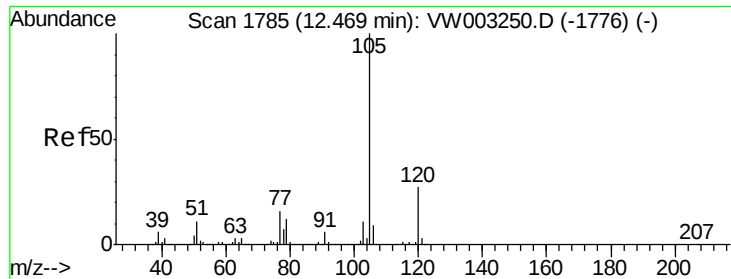
115 58.0 29.3 88.0

150 163.7 0.0 349.6



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





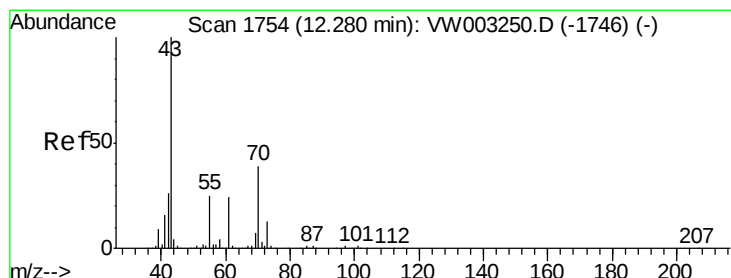
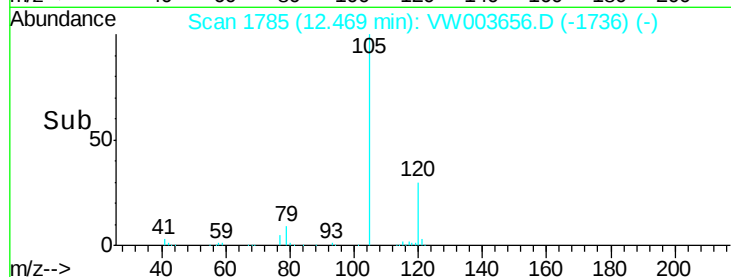
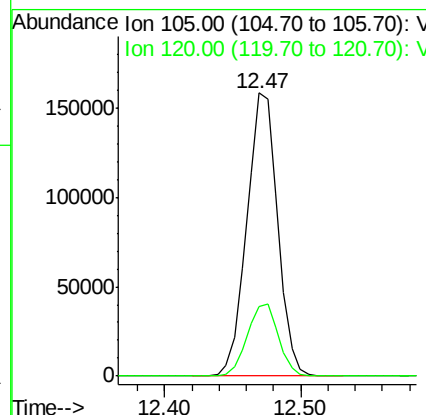
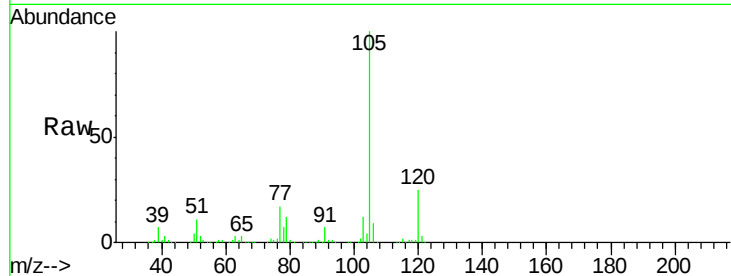
#73
Isopropylbenzene
Concen: 21.25 ug/l
RT: 12.47 min Scan# 1785
Delta R.T. 0.00 min
Lab File: VW003656.D
Acq: 29 Jun 2018 13:23

Instrument :
MSVOA_W
ClientSampled :
VW0629SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.9	13.2	39.6

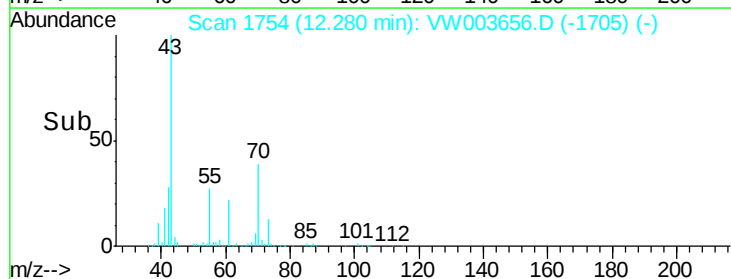
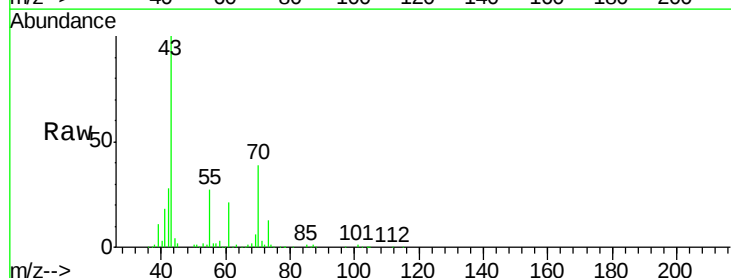
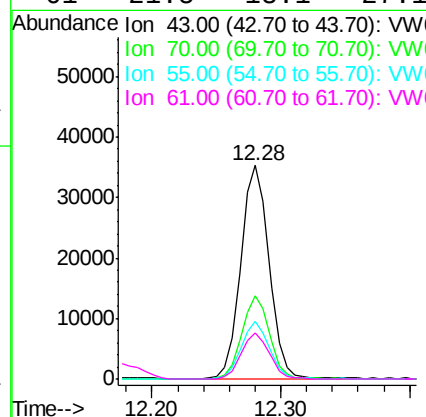
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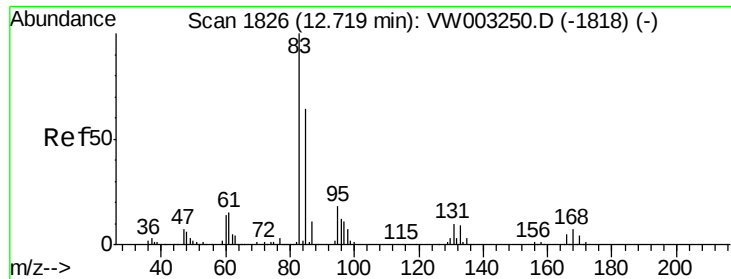
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#74
N-ethyl acetate
Concen: 19.85 ug/l
RT: 12.28 min Scan# 1754
Delta R.T. 0.00 min
Lab File: VW003656.D
Acq: 29 Jun 2018 13:23

Tgt Ion	Ratio	Lower	Upper
43	100		
70	38.6	31.0	46.6
55	27.0	19.7	29.5
61	21.5	18.1	27.1





#75

1,1,2,2-Tetrachloroethane

Concen: 21.26 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW003656.D

Acq: 29 Jun 2018 13:23

Instrument :

MSVOA_W

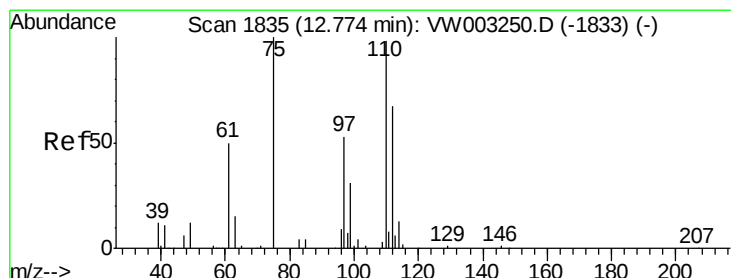
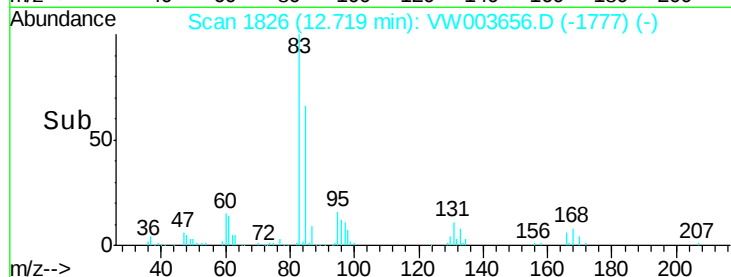
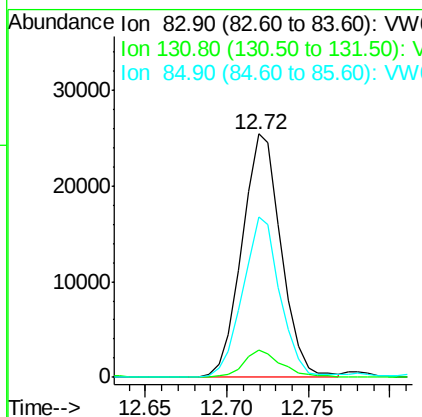
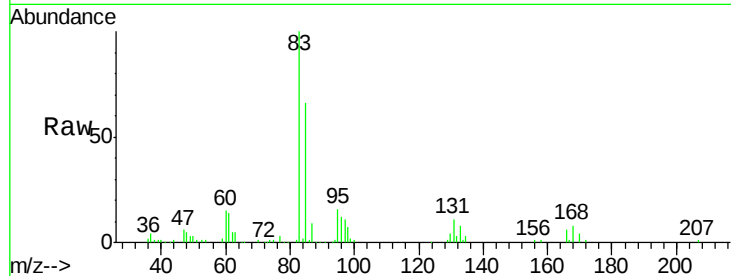
ClientSampled :

VW0629SBS01

Tot Ion:	83	Resp:	42410
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.4	16.2
85	63.1	31.9	95.7

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#76

1,2,3-Trichloropropane

Concen: 19.98 ug/l m

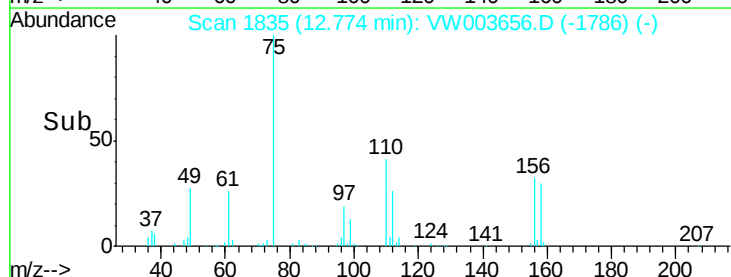
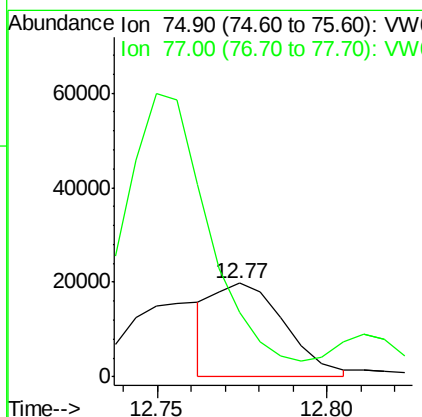
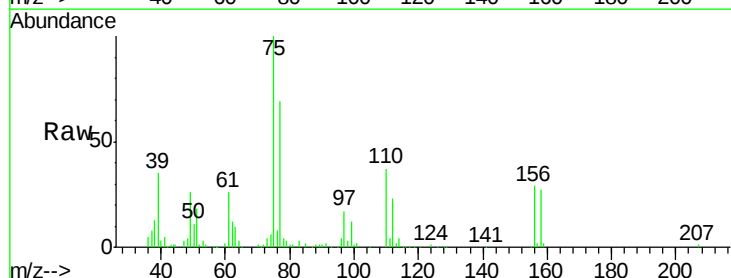
RT: 12.77 min Scan# 1835

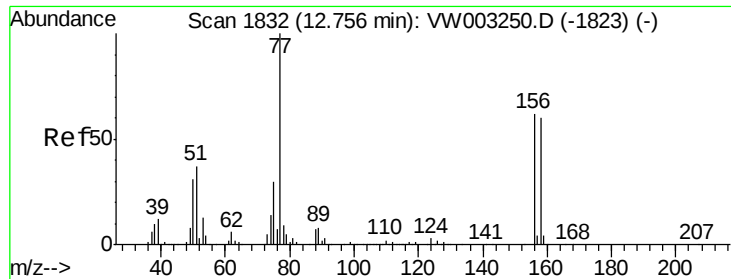
Delta R.T. 0.00 min

Lab File: VW003656.D

Acq: 29 Jun 2018 13:23

Tgt Ion:	75	Resp:	28963
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.05 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VW003656.D

Acq: 29 Jun 2018 13:23

Instrument :

MSVOA_W

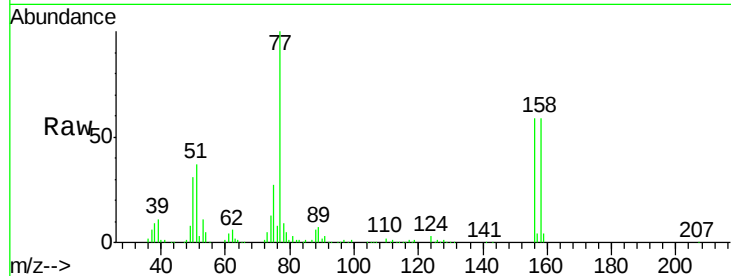
ClientSampled :

VW0629SBS01

Tot Ion:	156	Resp:	57808
Ion Ratio	Lower	Upper	
156	100		
77	187.8	92.3	276.9
158	97.0	47.5	142.6

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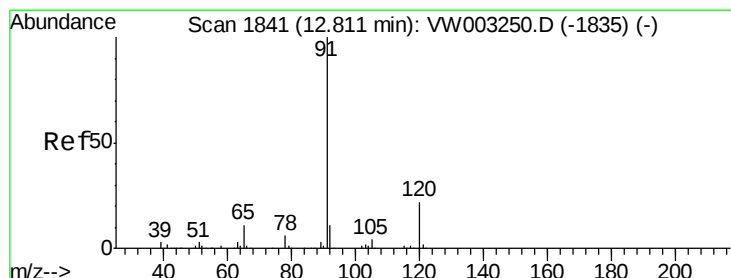
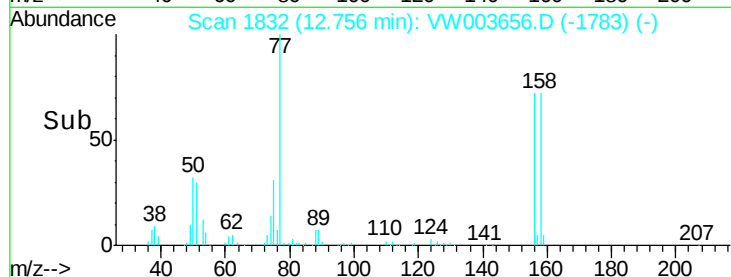
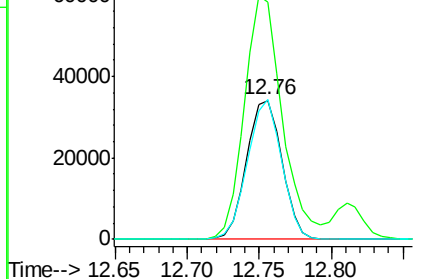
apatel
7/2/2018 10:23:17 AM



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: 21.64 ug/l

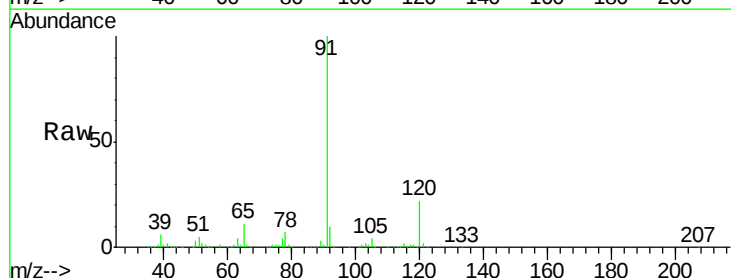
RT: 12.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VW003656.D

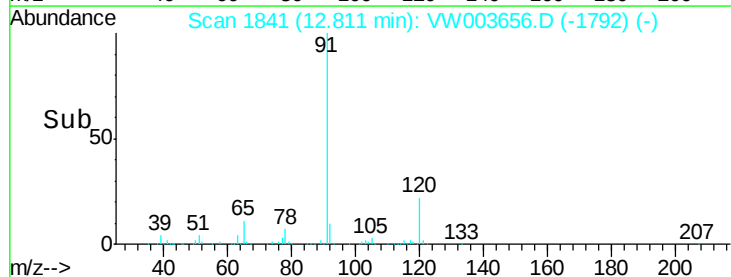
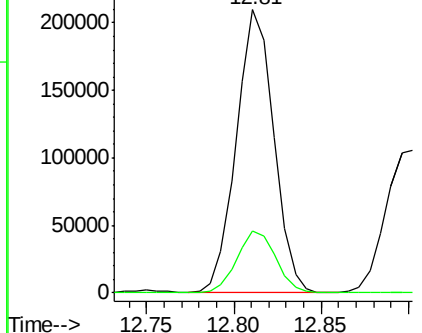
Acq: 29 Jun 2018 13:23

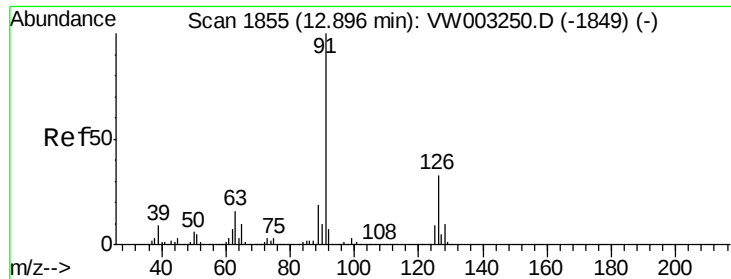
Tgt Ion:	91	Resp:	312445
Ion Ratio	Lower	Upper	
91	100		
120	22.7	11.3	33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.66 ug/l

RT: 12.90 min Scan# 1856

Delta R.T. 0.01 min

Lab File: VW003656.D

Acq: 29 Jun 2018 13:23

Instrument :

MSVOA_W

ClientSampled :

VW0629SBS01

Tot Ion: 91 Resp: 176756

Ion Ratio Lower Upper

91 100

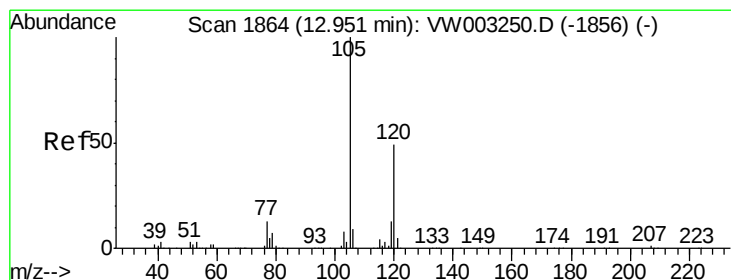
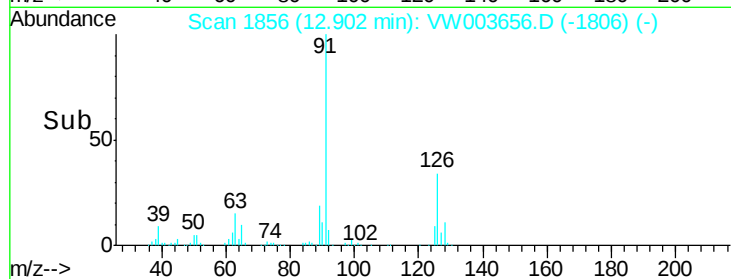
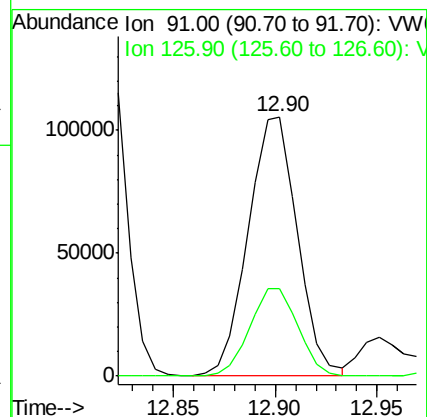
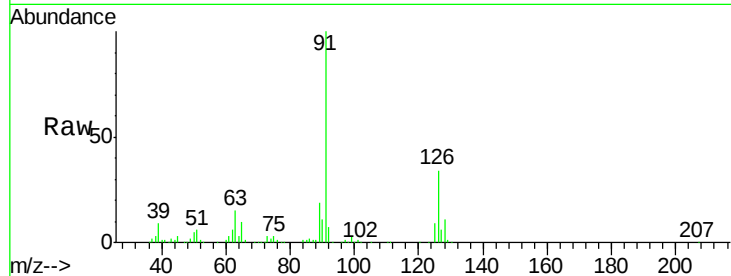
126 33.5 16.8 50.4

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#80

1,3,5-Trimethylbenzene

Concen: 21.72 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW003656.D

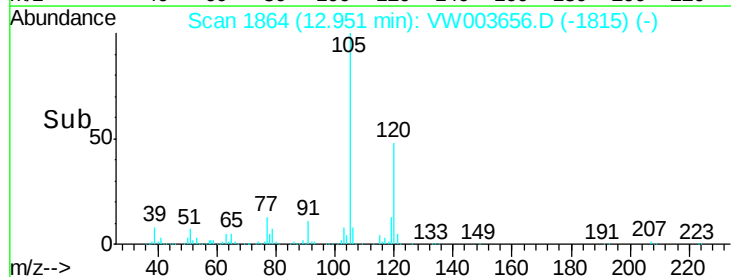
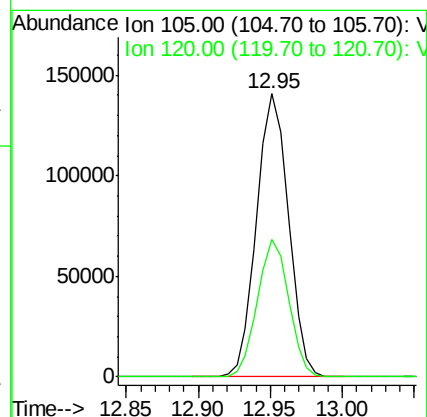
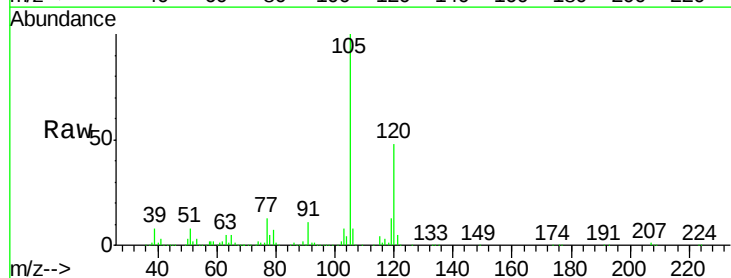
Acq: 29 Jun 2018 13:23

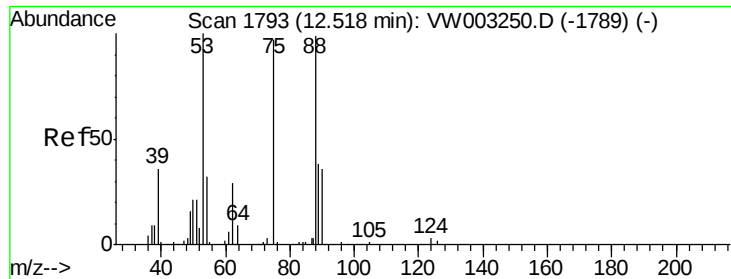
Tgt Ion:105 Resp: 215022

Ion Ratio Lower Upper

105 100

120 47.9 24.3 72.9





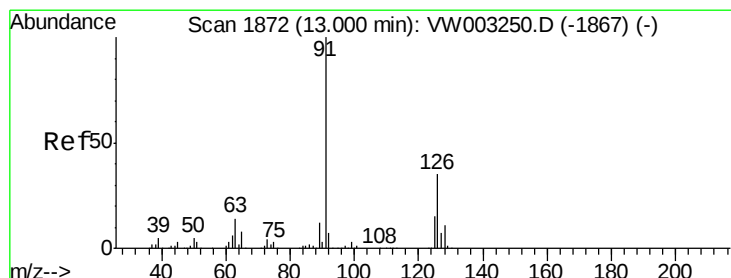
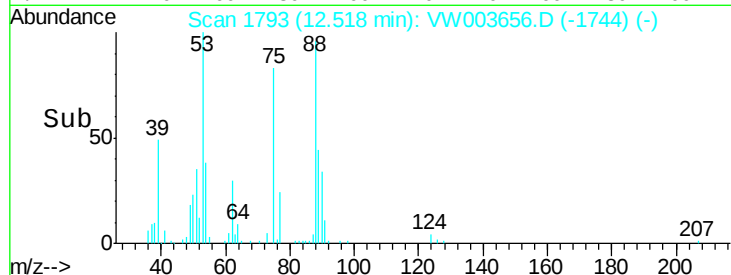
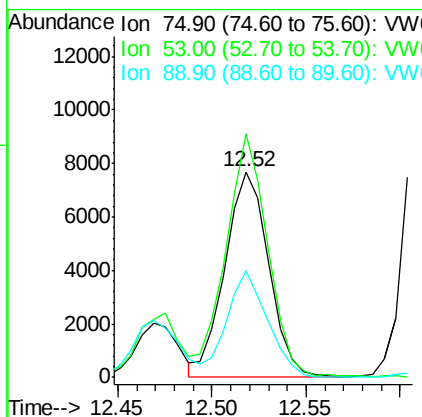
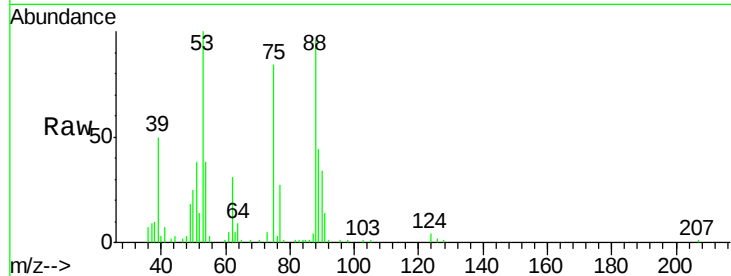
#81
trans-1,4-Dichloro-2-butene
Concen: 19.64 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VW003656.D
Acq: 29 Jun 2018 13:23

Instrument :
MSVOA_W
ClientSampled :
VW0629SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	113.7	82.9	124.3
89	47.9	36.7	55.1

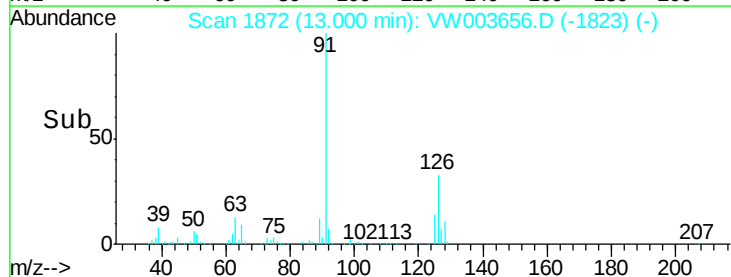
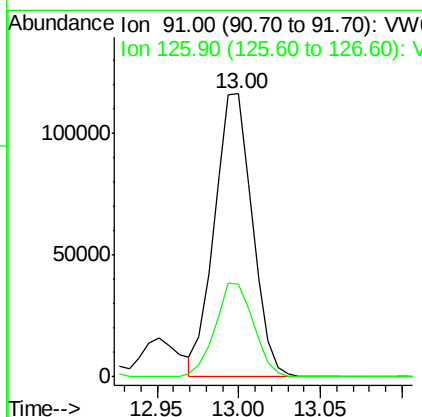
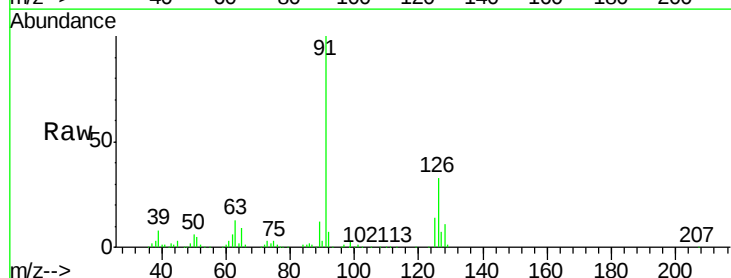
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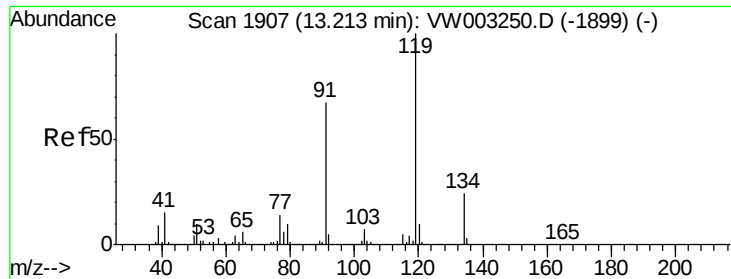
apatel
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#82
4-Chlorotoluene
Concen: 21.65 ug/l
RT: 13.00 min Scan# 1872
Delta R.T. 0.00 min
Lab File: VW003656.D
Acq: 29 Jun 2018 13:23

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.7	16.8	50.3





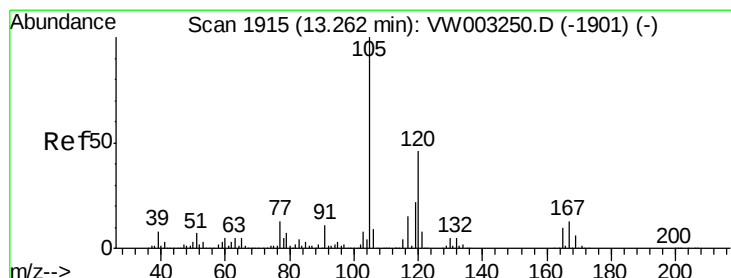
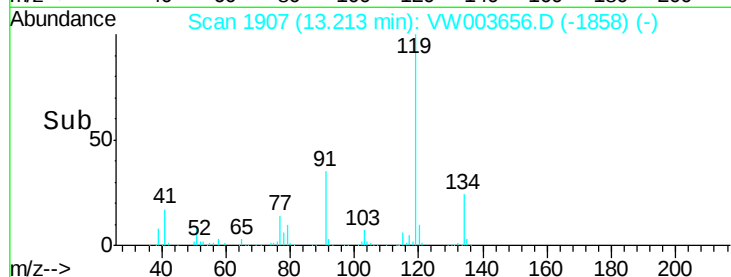
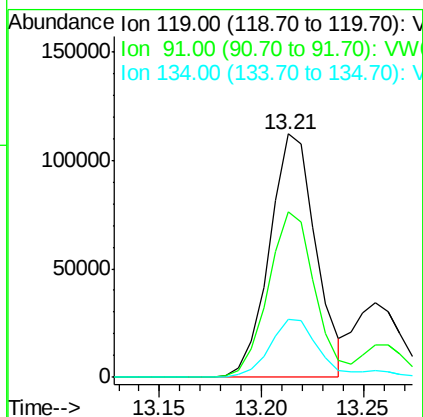
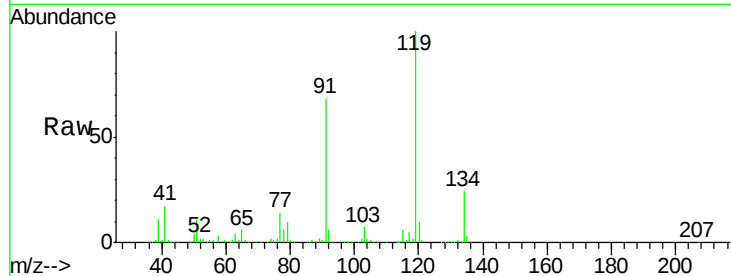
#83
tert-Butylbenzene
Concen: 21.05 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. 0.00 min
Lab File: VW003656.D
Acq: 29 Jun 2018 13:23

Instrument :
MSVOA_W
ClientSampleId :
VW0629SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	177617		
91	68.7	33.9	101.7	
134	26.6	13.4	40.1	

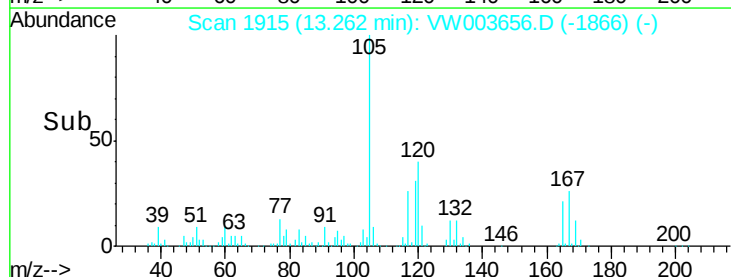
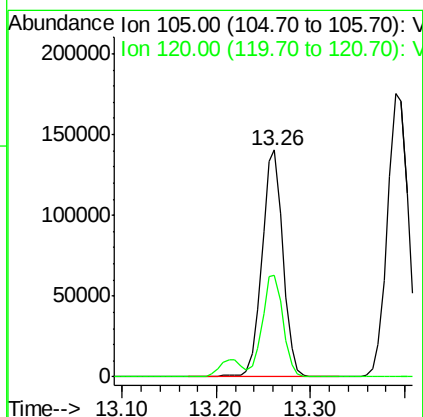
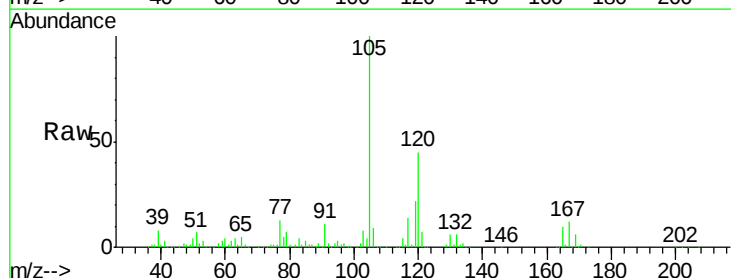
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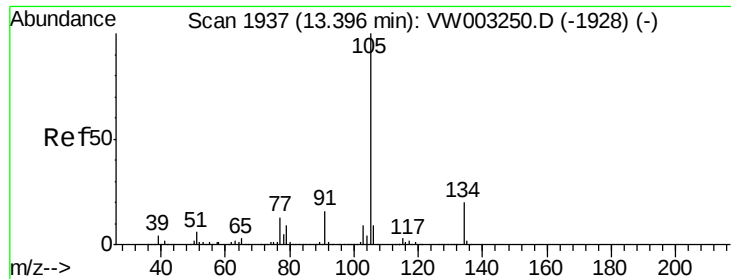
apatel
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#84
1,2,4-Trimethylbenzene
Concen: 21.61 ug/l
RT: 13.26 min Scan# 1915
Delta R.T. 0.00 min
Lab File: VW003656.D
Acq: 29 Jun 2018 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	220032		
120	44.7	22.5	67.5	





#85

sec-Butylbenzene

Concen: 21.74 ug/l

RT: 13.39 min Scan# 1936

Delta R.T. -0.01 min

Lab File: VW003656.D

Acq: 29 Jun 2018 13:23

Instrument :

MSVOA_W

ClientSampleId :

VW0629SBS01

Tot Ion:105 Resp: 272574

Ion Ratio Lower Upper

105 100

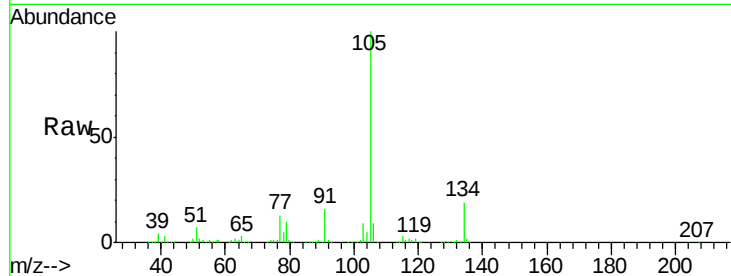
134 19.8 9.8 29.5

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

200000

150000

100000

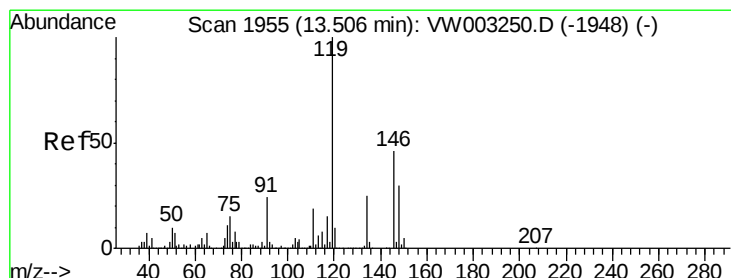
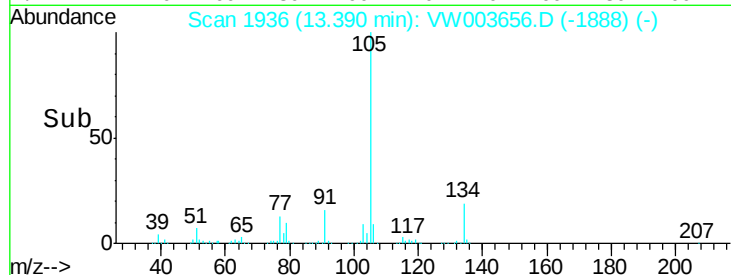
50000

0

13.30

13.40

Time-->



#86

p-Isopropyltoluene

Concen: 21.54 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW003656.D

Acq: 29 Jun 2018 13:23

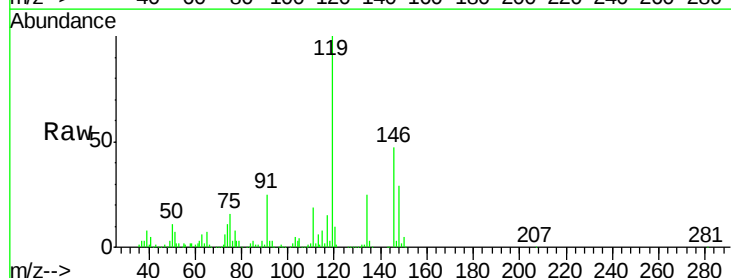
Tgt Ion:119 Resp: 238211

Ion Ratio Lower Upper

119 100

134 25.5 12.9 38.7

91 24.3 11.8 35.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

200000

150000

100000

50000

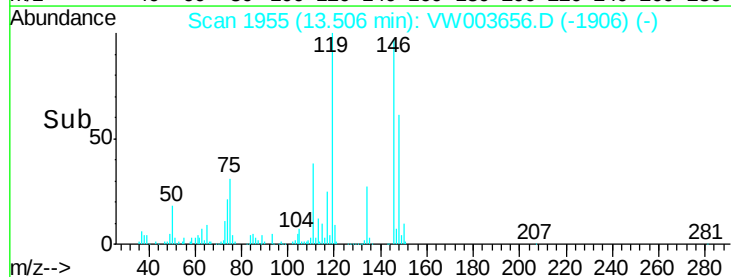
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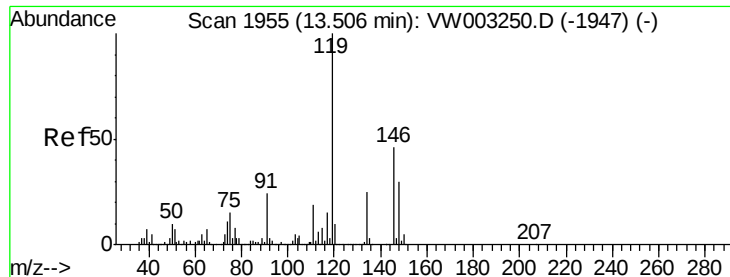
13.45

13.50

13.55

Time-->





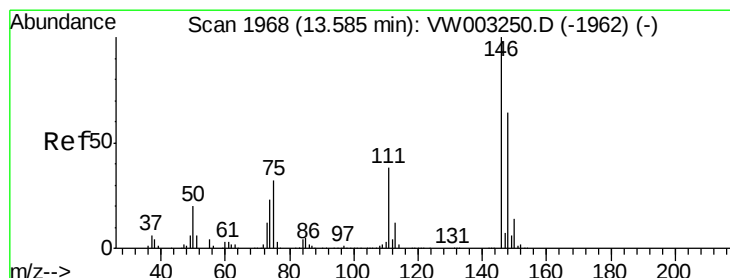
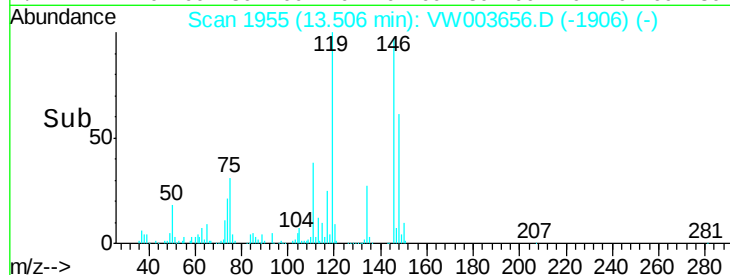
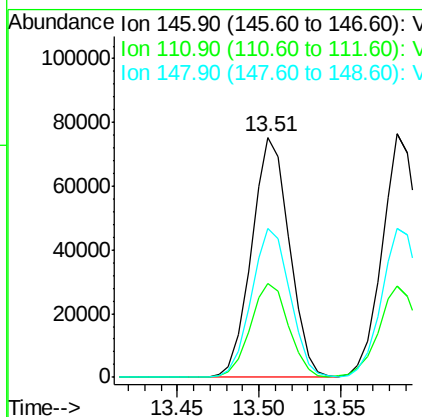
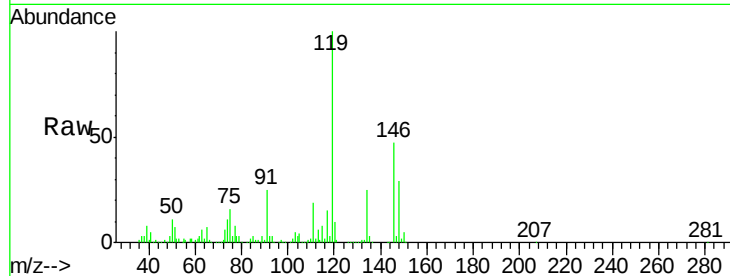
#87
 1,3-Dichlorobenzene
 Concen: 21.41 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003656.D
 Acq: 29 Jun 2018 13:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0629SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.8	59.4
148	63.5	32.1	96.5

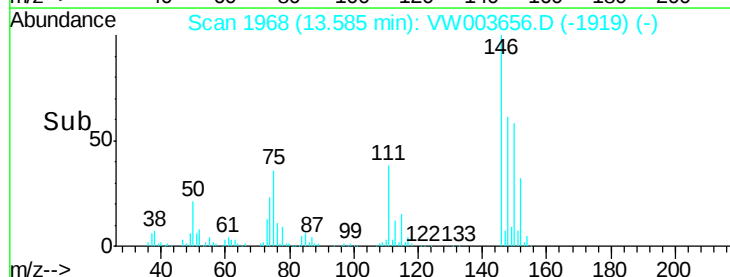
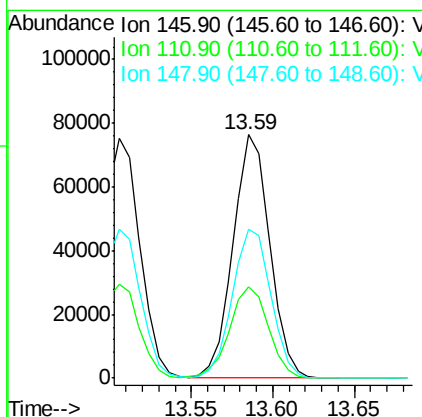
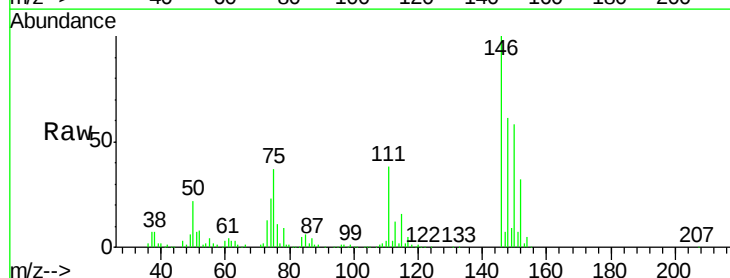
Manual Integrations
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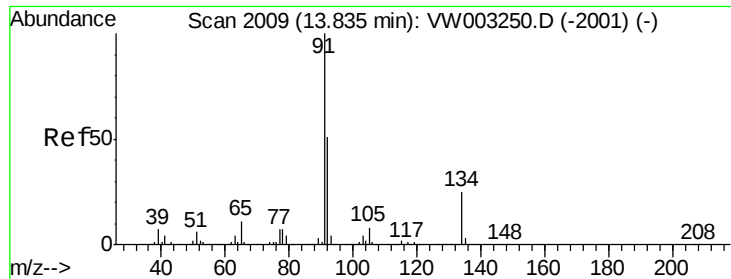
apatel
 7/2/2018 10:23:17 AM



#88
 1,4-Dichlorobenzene
 Concen: 21.43 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW003656.D
 Acq: 29 Jun 2018 13:23

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.2	57.6
148	64.0	31.8	95.4





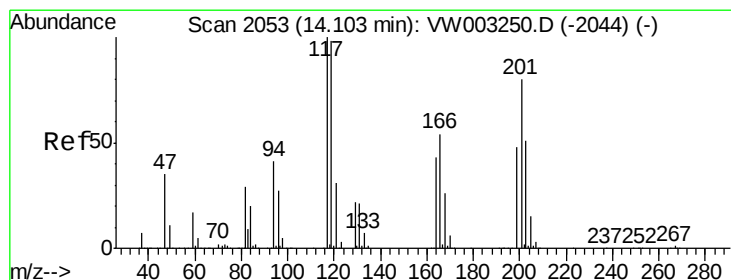
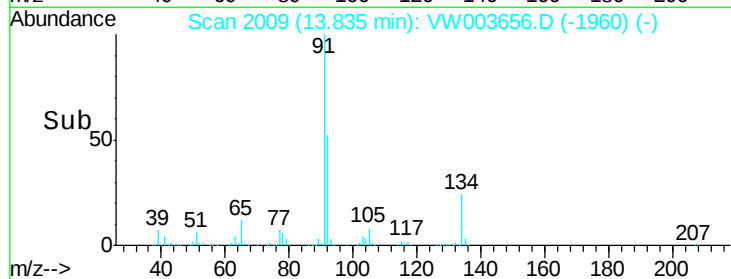
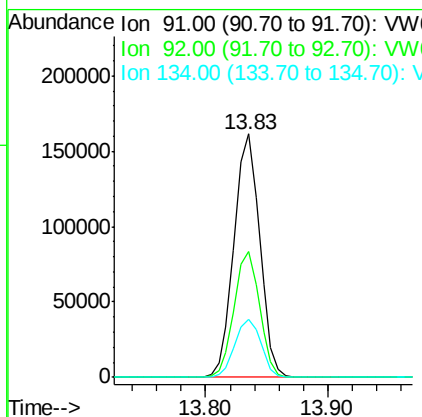
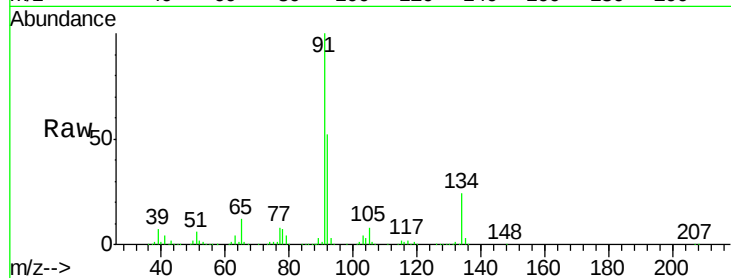
#89
n-Butylbenzene
Concen: 21.80 ug/l
RT: 13.83 min Scan# 2009
Delta R.T. 0.00 min
Lab File: VW003656.D
Acq: 29 Jun 2018 13:23

Instrument :
MSVOA_W
ClientSampleId :
VW0629SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.2	26.0	78.0
134	24.3	12.7	38.0

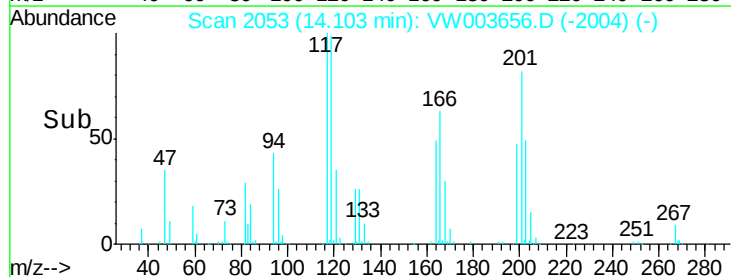
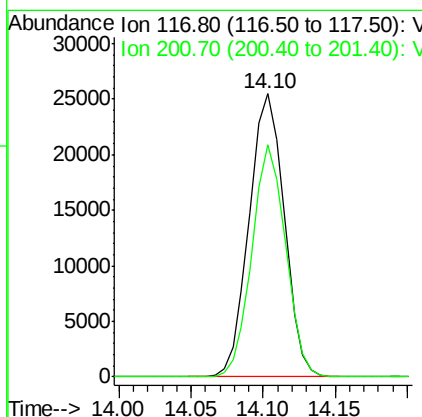
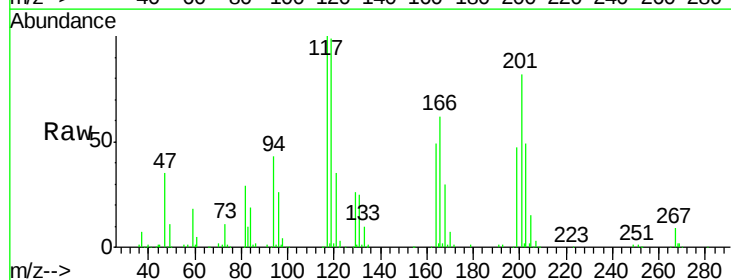
Manual Integrations
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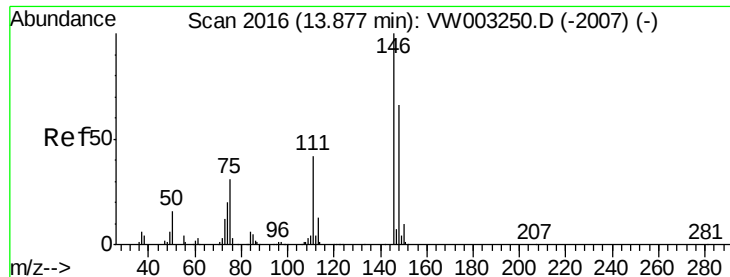
apatel
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#90
Hexachloroethane
Concen: 21.49 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.00 min
Lab File: VW003656.D
Acq: 29 Jun 2018 13:23

Tgt Ion	Ratio	Lower	Upper
117	100		
201	78.4	39.5	118.5





#91

1,2-Dichlorobenzene

Concen: 21.61 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. 0.00 min

Lab File: VW003656.D

Acq: 29 Jun 2018 13:23

Instrument :

MSVOA_W

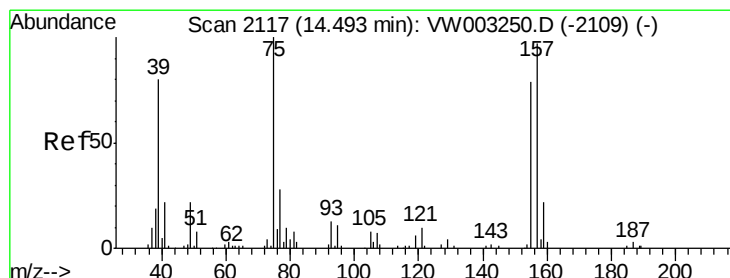
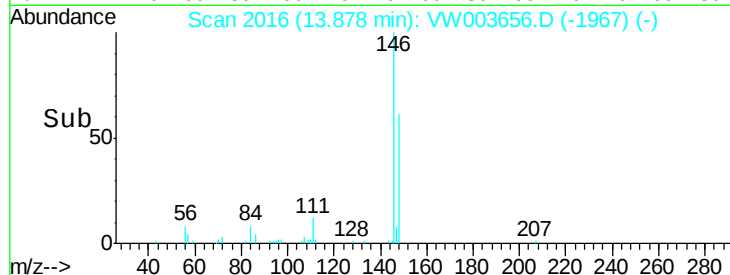
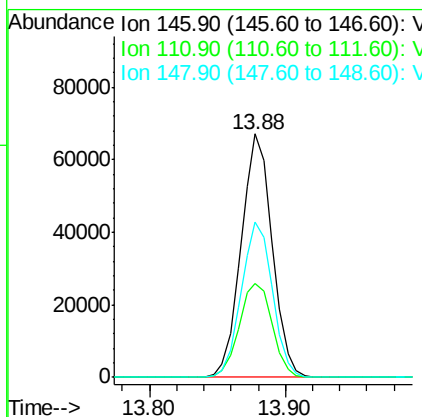
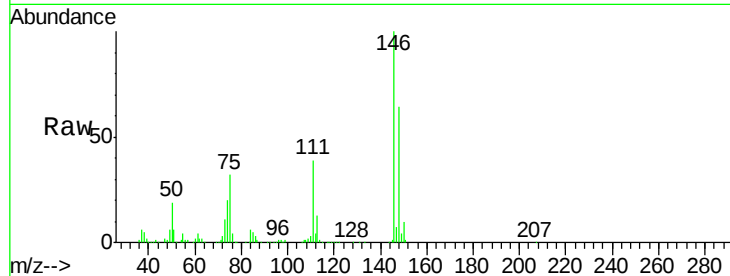
ClientSampled :

VW0629SBS01

Tot Ion:	146	Resp:	106785
Ion Ratio	Lower	Upper	
146	100		
111	41.1	20.3	61.0
148	64.1	32.3	96.9

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 20.84 ug/l

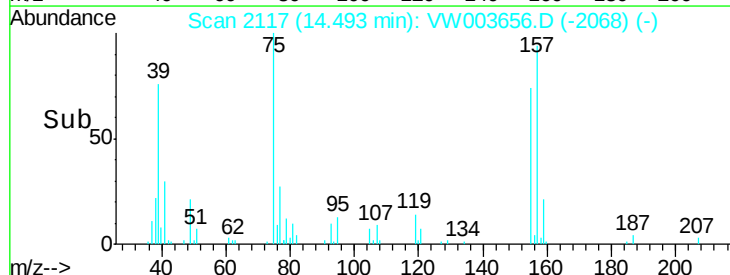
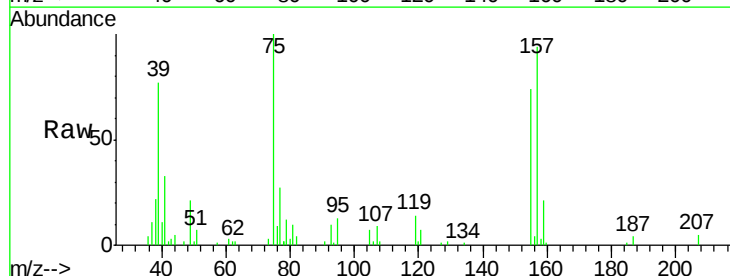
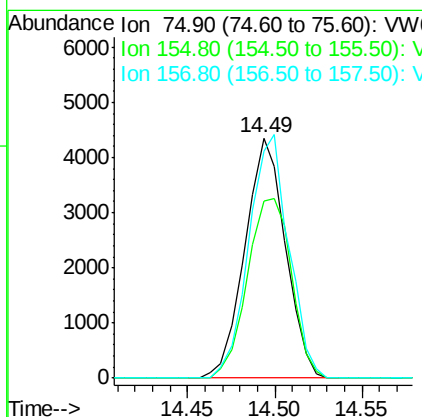
RT: 14.49 min Scan# 2117

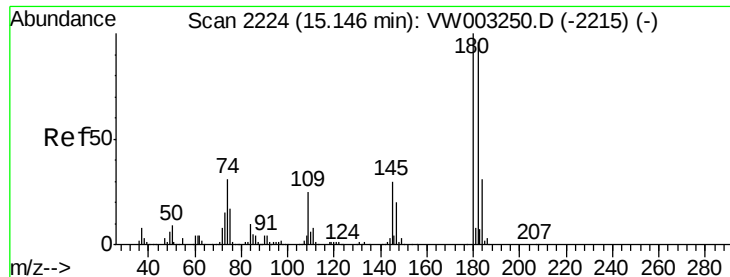
Delta R.T. 0.00 min

Lab File: VW003656.D

Acq: 29 Jun 2018 13:23

Tgt Ion:	75	Resp:	6997
Ion Ratio	Lower	Upper	
75	100		
155	81.3	39.4	118.2
157	99.6	51.5	154.5





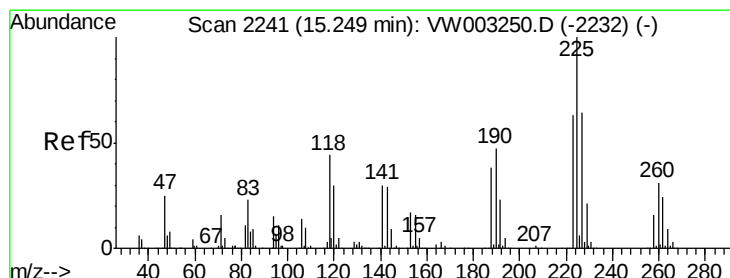
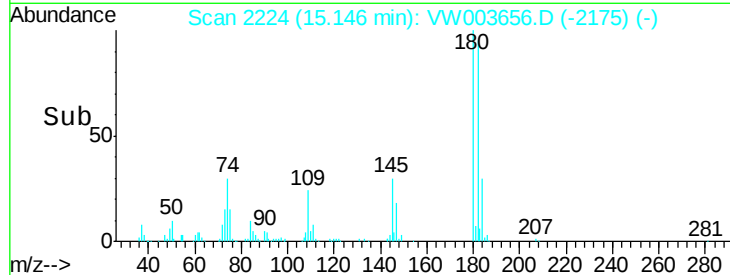
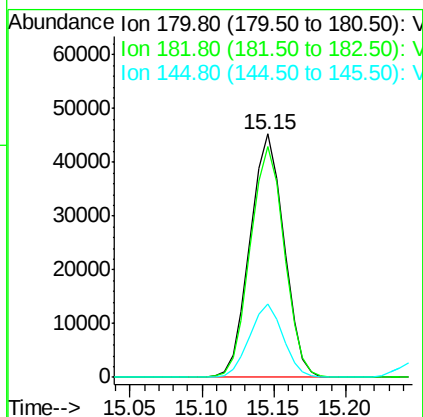
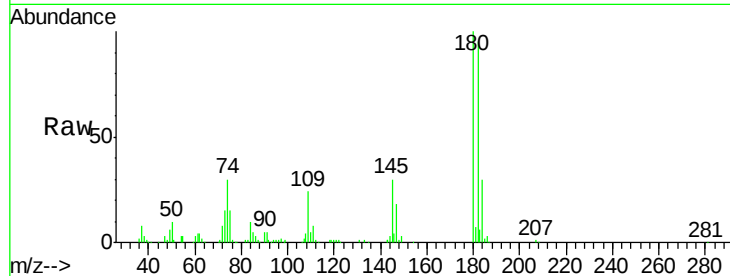
#93
 1,2,4-Trichlorobenzene
 Concen: 21.30 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW003656.D
 Acq: 29 Jun 2018 13:23

Instrument :
 MSVOA_W
 ClientSampled :
 VW0629SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.9	143.6
145	29.7	15.2	45.5

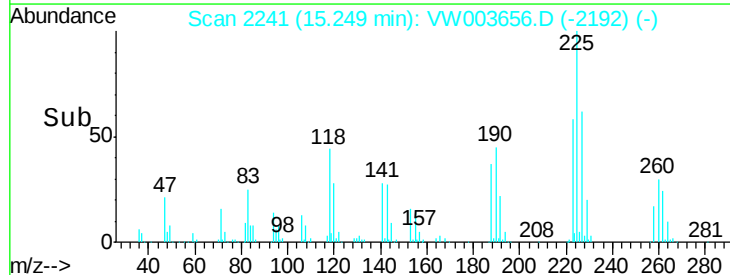
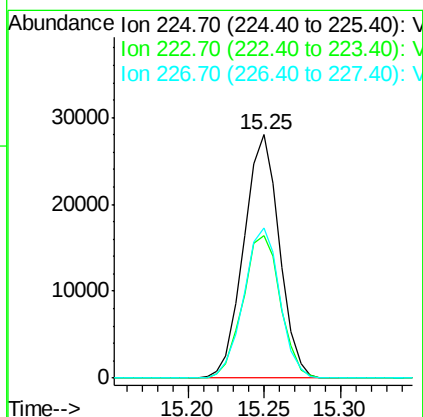
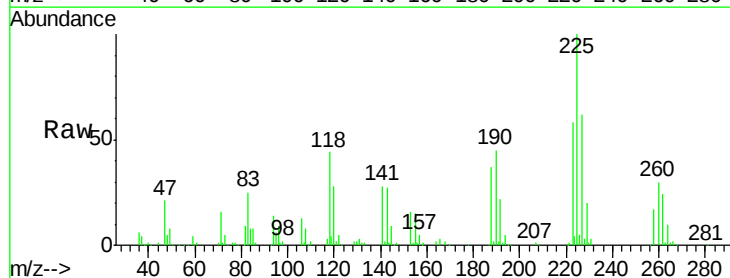
Manual Integrations
 APPROVED

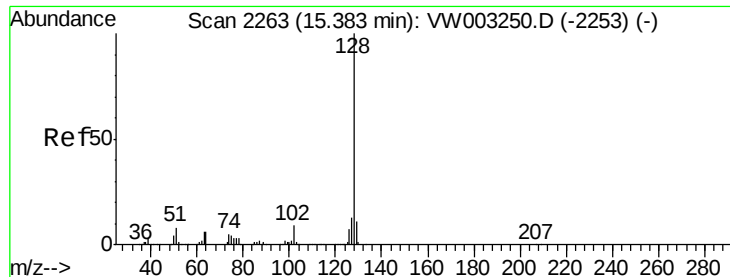
apatel
 7/2/2018 10:23:17 AM



#94
 Hexachlorobutadiene
 Concen: 21.72 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: VW003656.D
 Acq: 29 Jun 2018 13:23

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.4	30.6	92.0
227	62.2	31.7	95.1





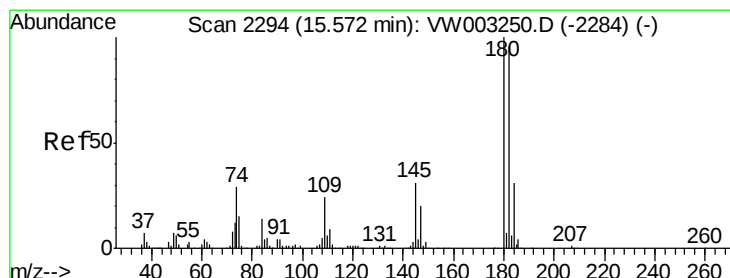
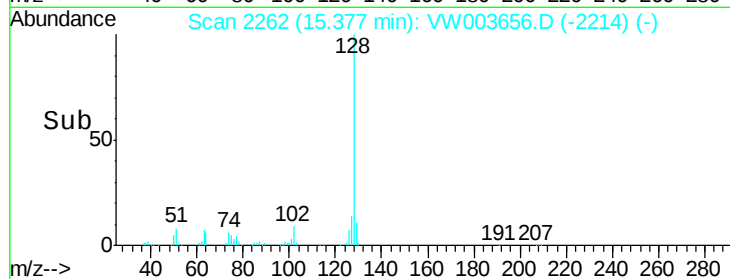
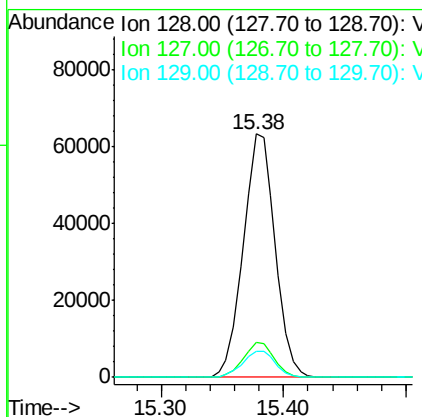
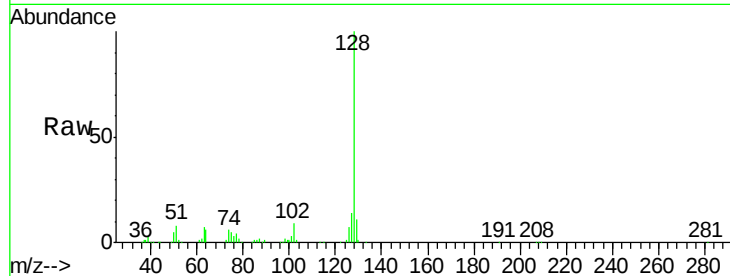
#95
Naphthalene
Concen: 19.44 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. -0.01 min
Lab File: VW003656.D
Acq: 29 Jun 2018 13:23

Instrument :
MSVOA_W
ClientSampleId :
VW0629SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.5	15.7
129	11.1	8.9	13.3

Manual Integrations
APPROVED

apatel
7/2/2018 10:23:17 AM



#96
1,2,3-Trichlorobenzene
Concen: 20.71 ug/l
RT: 15.57 min Scan# 2294
Delta R.T. 0.00 min
Lab File: VW003656.D
Acq: 29 Jun 2018 13:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.9	143.6
145	31.8	15.8	47.4

