

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062918\
 Data File : VW003657.D
 Acq On : 29 Jun 2018 13:49
 Operator : SY/AP
 Sample : VW0629SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0629SBS01

Manual Integrations
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 7/2/2018 10:23:31 AM

Quant Time: Jun 30 03:58:44 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	219148	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	339913	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	315473	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	170936	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	135546	57.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.20%	
35) Dibromofluoromethane	7.88	113	118466	56.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.18%	
50) Toluene-d8	10.33	98	473326	56.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.04%	
62) 4-Bromofluorobenzene	12.62	95	173704	58.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	15347m	23.16	ug/l	
3) Chloromethane	2.21	50	34454	20.58	ug/l	90
4) Vinyl Chloride	2.36	62	49905	20.45	ug/l	97
5) Bromomethane	2.78	94	32000	19.73	ug/l	95
6) Chloroethane	2.92	64	32044	18.86	ug/l	97
7) Trichlorofluoromethane	3.25	101	31438	21.50	ug/l	97
8) Diethyl Ether	3.67	74	25165	23.43	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	4.06	101	45880	22.60	ug/l	99
10) Methyl Iodide	4.26	142	65213	21.24	ug/l	99
11) Tert butyl alcohol	5.22	59	15670	123.09	ug/l #	84
12) 1,1-Dichloroethene	4.03	96	43582	21.97	ug/l	97
13) Acrolein	3.89	56	11710	64.34	ug/l	92
14) Allyl chloride	4.66	41	76616	22.30	ug/l	97
15) Acrylonitrile	5.37	53	52666	119.19	ug/l	99
16) Acetone	4.14	43	59447	119.41	ug/l	98
17) Carbon Disulfide	4.37	76	123026	20.98	ug/l	97
18) Methyl Acetate	4.68	43	25298	21.42	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	85613	23.04	ug/l	98
20) Methylene Chloride	4.91	84	51295	22.22	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	47591	22.04	ug/l	96
22) Diisopropyl ether	6.31	45	157244	22.74	ug/l	96
23) Vinyl Acetate	6.26	43	458066	114.94	ug/l	100
24) 1,1-Dichloroethane	6.21	63	93384	22.75	ug/l	98
25) 2-Butanone	7.18	43	77947	125.91	ug/l	93
26) 2,2-Dichloropropane	7.17	77	61702	22.52	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	52514	22.14	ug/l	97
28) Bromochloromethane	7.51	49	35320	20.67	ug/l	98
29) Tetrahydrofuran	7.54	42	44683	118.10	ug/l	98
30) Chloroform	7.68	83	95497	22.83	ug/l	99
31) Cyclohexane	7.95	56	83636	21.80	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	77434	22.43	ug/l	98
36) 1,1-Dichloropropene	8.09	75	74148	22.59	ug/l	100
37) Ethyl Acetate	7.26	43	31534	23.19	ug/l	99
38) Carbon Tetrachloride	8.07	117	74034	22.99	ug/l	95

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	82104	21.62	ug/l	95
40) Benzene	8.32	78	207392	22.92	ug/l	99
41) Methacrylonitrile	7.49	41	19364	23.20	ug/l	98
42) 1,2-Dichloroethane	8.40	62	64868	22.88	ug/l	100
43) Isopropyl Acetate	8.43	43	62590	23.18	ug/l	100
44) Trichloroethene	9.10	130	53688	22.39	ug/l	93
45) 1,2-Dichloropropane	9.37	63	53932	23.41	ug/l	98
46) Dibromomethane	9.46	93	27018	22.91	ug/l	98
47) Bromodichloromethane	9.65	83	69013	22.83	ug/l	97
48) Methyl methacrylate	9.44	41	29109	22.94	ug/l	100
49) 1,4-Dioxane	9.48	88	7405	415.79	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	165632	120.38	ug/l	100
52) Toluene	10.39	92	132966	22.92	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	69518	22.51	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	79349	22.57	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	39294	23.64	ug/l	97
56) Ethyl methacrylate	10.65	69	45472	22.53	ug/l	99
57) 1,3-Dichloropropane	10.94	76	67130	23.42	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	105442	116.54	ug/l	98
59) 2-Hexanone	10.98	43	121749	126.66	ug/l	99
60) Dibromochloromethane	11.13	129	45432	22.98	ug/l	98
61) 1,2-Dibromoethane	11.24	107	35993	22.89	ug/l	99
64) Tetrachloroethene	10.87	164	46070	21.83	ug/l	98
65) Chlorobenzene	11.66	112	143750	21.88	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	50384	21.82	ug/l	99
67) Ethyl Benzene	11.74	91	254882	21.89	ug/l	99
68) m/p-Xylenes	11.85	106	196012	44.28	ug/l	99
69) o-Xylene	12.17	106	90857	22.15	ug/l	97
70) Styrene	12.19	104	150964	22.11	ug/l	99
71) Bromoform	12.35	173	26906	22.49	ug/l #	100
73) Isopropylbenzene	12.47	105	251718	21.17	ug/l	100
74) N-amyl acetate	12.28	43	60220	22.25	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	47058	23.40	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	31651m	21.66	ug/l	
77) Bromobenzene	12.76	156	59904	21.63	ug/l	97
78) n-propylbenzene	12.81	91	318324	21.87	ug/l	99
79) 2-Chlorotoluene	12.90	91	178608	21.71	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	218141	21.86	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	13706	21.58	ug/l	94
82) 4-Chlorotoluene	12.99	91	188191	21.56	ug/l	100
83) tert-Butylbenzene	13.21	119	181945	21.39	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	225246	21.94	ug/l	99
85) sec-Butylbenzene	13.39	105	272855	21.58	ug/l	100
86) p-Isopropyltoluene	13.51	119	240905	21.61	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	122622	21.56	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	123132	21.77	ug/l	99
89) n-Butylbenzene	13.83	91	238674	21.96	ug/l	99
90) Hexachloroethane	14.10	117	43581	21.61	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	108882	21.85	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8048	23.78	ug/l	96

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MSVOA_W
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VW0629SBSD01

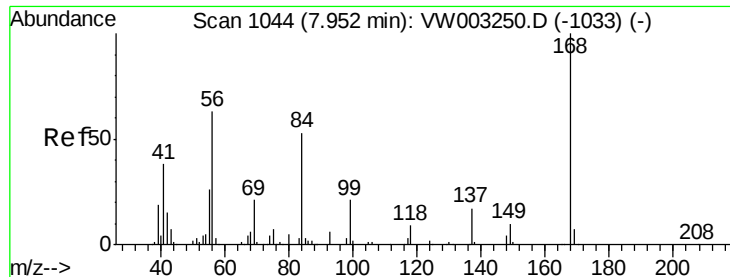
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Quant Title : SW846 8260
QLast Update : Sat Jun 16 05:18:54 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	74421	21.28	ug/l	100
94) Hexachlorobutadiene	15.25	225	45584	21.66	ug/l	98
95) Naphthalene	15.38	128	129522	21.83	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	65618	21.31	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: VW003657.D

Acq: 29 Jun 2018 13:49

Instrument :

MSVOA_W

ClientSampleId :

VW0629SBS01

Tot Ion:168 Resp: 219148

Ion Ratio Lower Upper

168 100

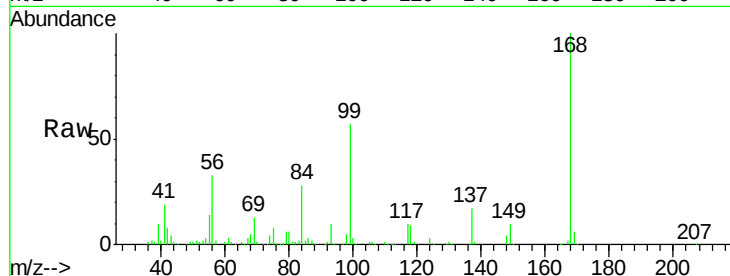
99 56.9 45.5 68.3

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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

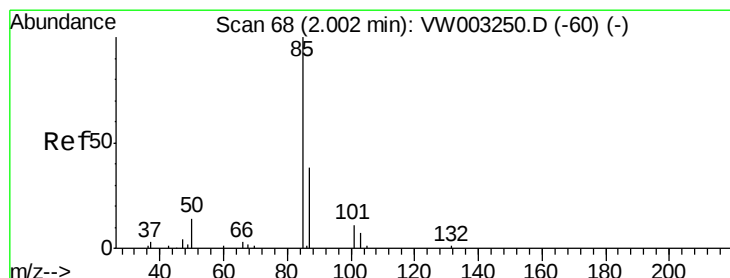
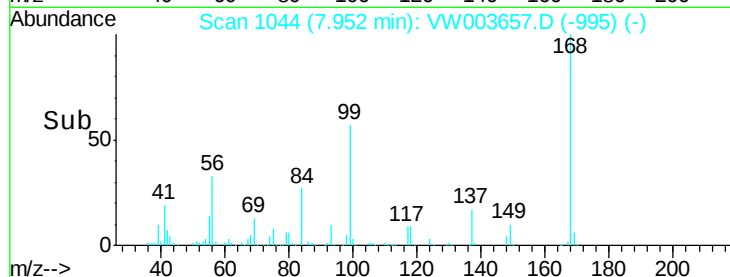
20000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 23.16 ug/l m

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW003657.D

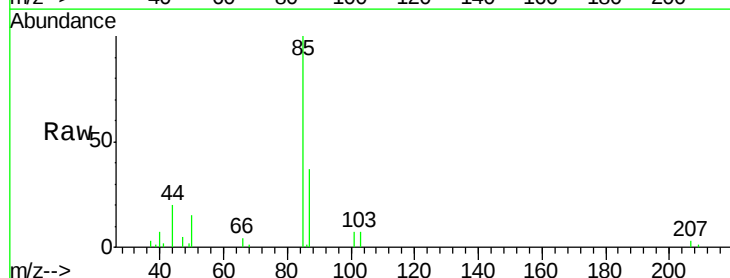
Acq: 29 Jun 2018 13:49

Tgt Ion: 85 Resp: 15347

Ion Ratio Lower Upper

85 100

87 37.2 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

5000

4000

3000

2000

1000

0

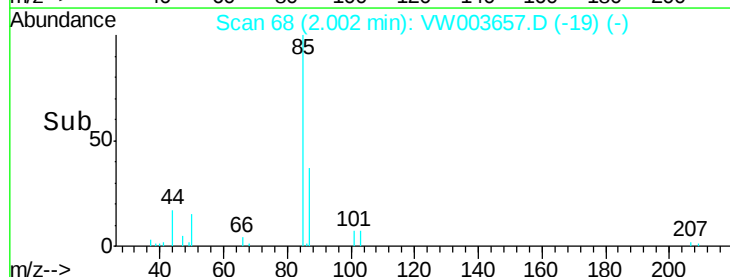
1.95

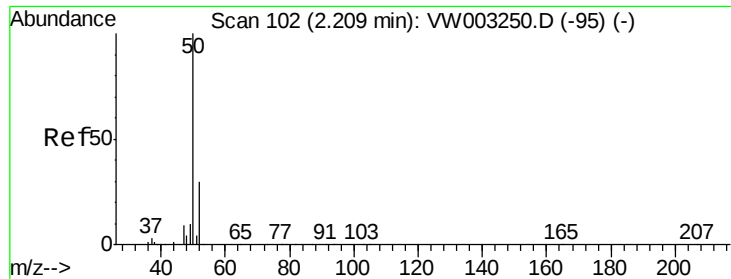
2.00

2.05

2.10

Time-->





#3

Chloromethane

Concen: 20.58 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW003657.D

Acq: 29 Jun 2018 13:49

Instrument :

MSVOA_W

ClientSampleId :

VW0629SBSD01

Tot Ion: 50 Resp: 34454

Ion Ratio Lower Upper

50 100

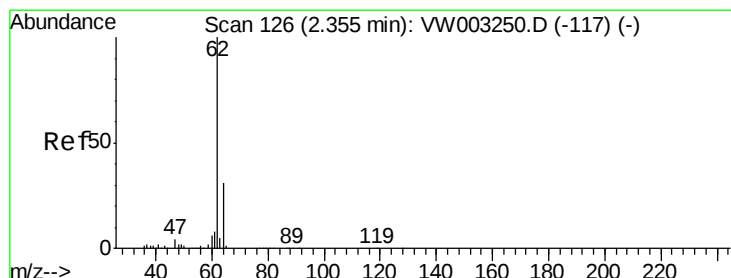
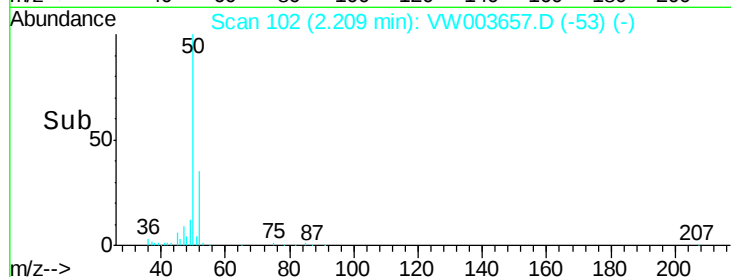
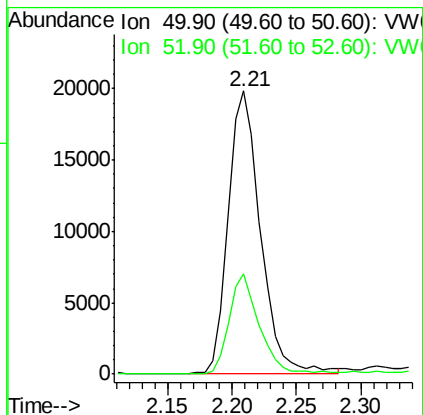
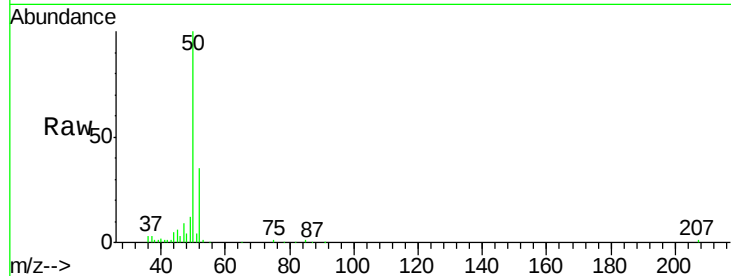
52 35.5 24.2 36.2

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#4

Vinyl Chloride

Concen: 20.45 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW003657.D

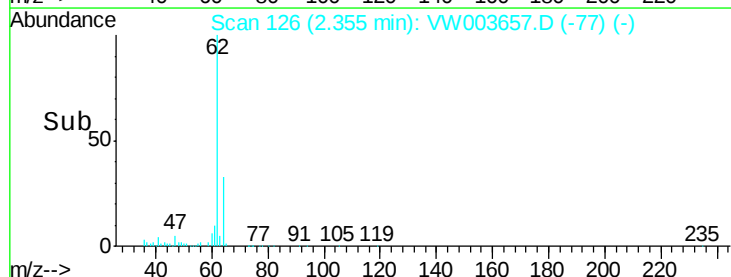
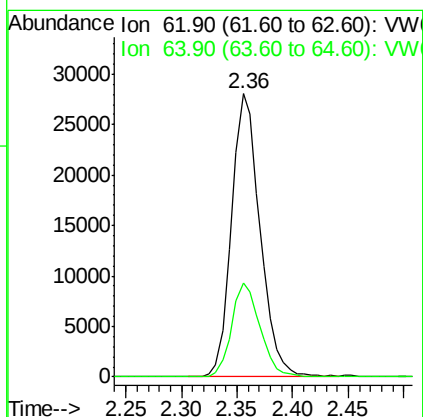
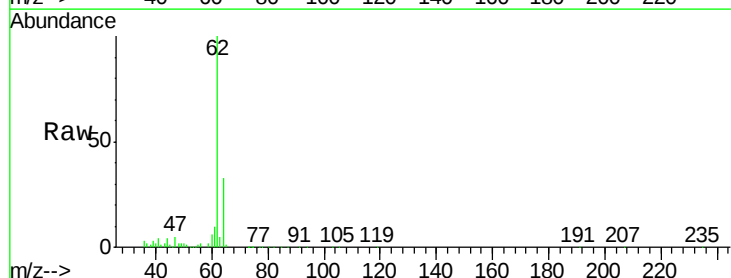
Acq: 29 Jun 2018 13:49

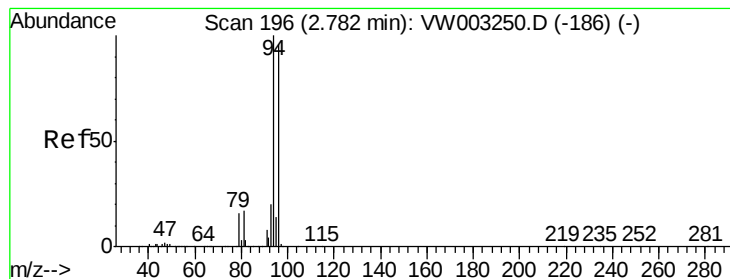
Tgt Ion: 62 Resp: 49905

Ion Ratio Lower Upper

62 100

64 33.0 24.9 37.3





#5

Bromomethane

Concen: 19.73 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.00 min

Lab File: VW003657.D

Acq: 29 Jun 2018 13:49

Instrument :

MSVOA_W

ClientSampleId :

VW0629SBSD01

Tot Ion: 94 Resp: 32000

Ion Ratio Lower Upper

94 100

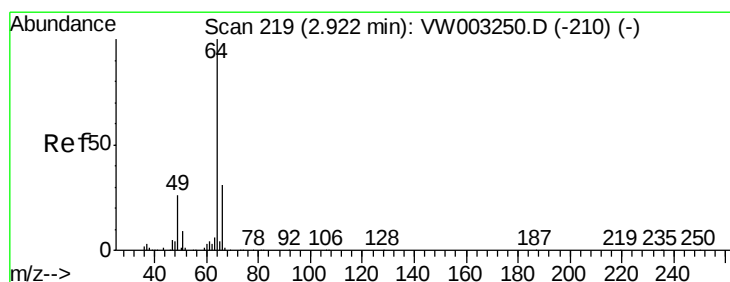
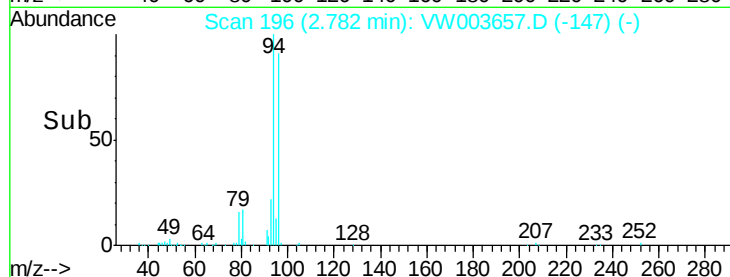
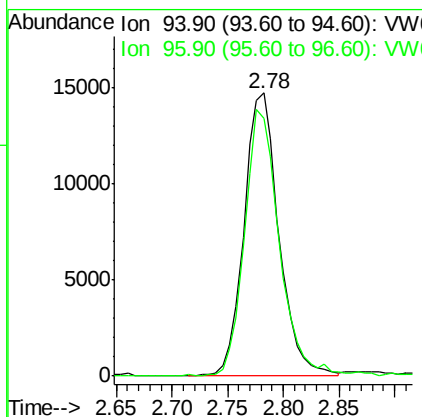
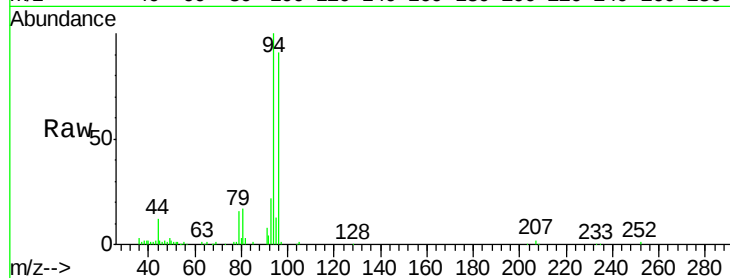
96 90.6 76.5 114.7

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#6

Chloroethane

Concen: 18.86 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.00 min

Lab File: VW003657.D

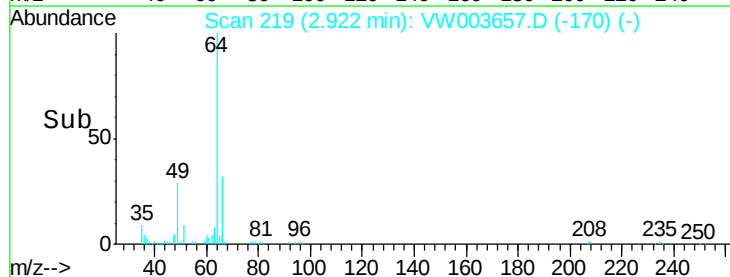
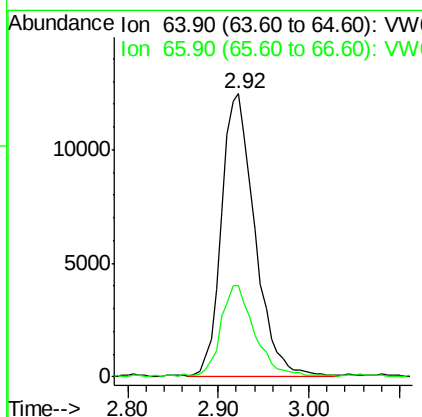
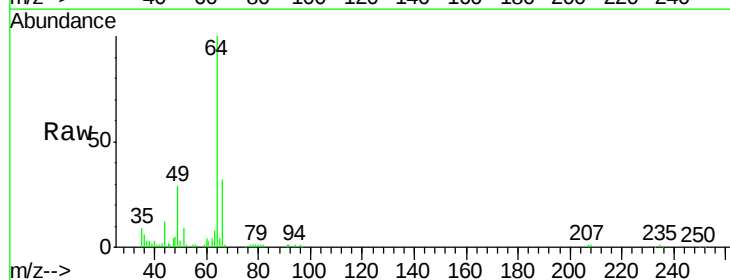
Acq: 29 Jun 2018 13:49

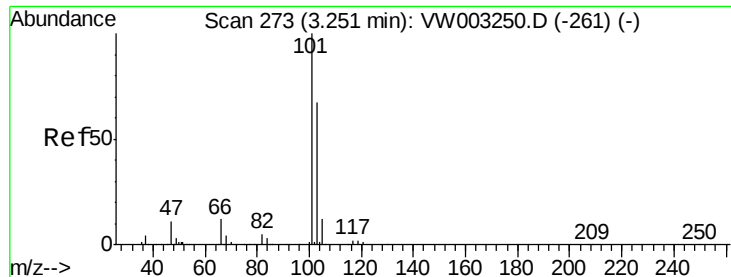
Tgt Ion: 64 Resp: 32044

Ion Ratio Lower Upper

64 100

66 32.2 24.4 36.6





#7

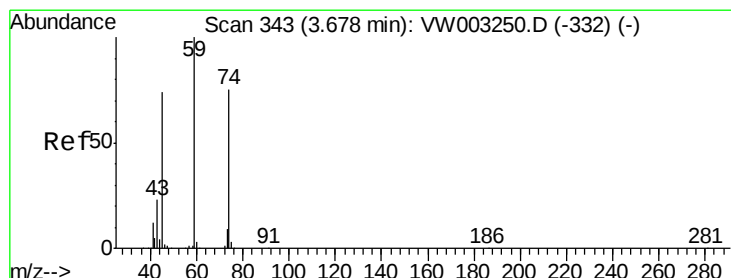
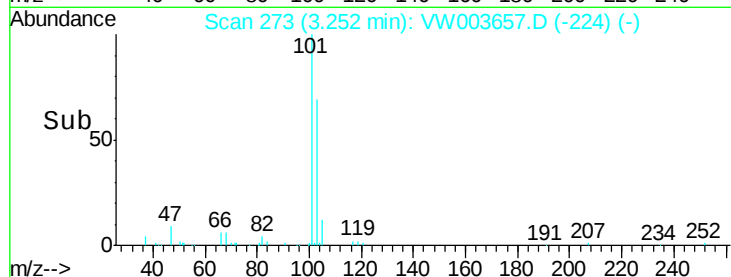
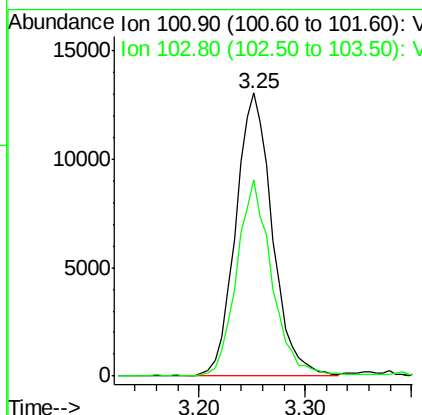
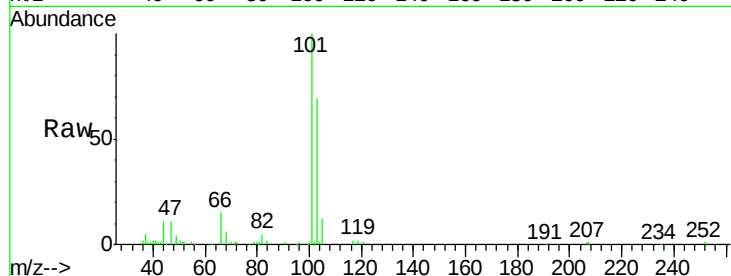
Trichlorofluoromethane
Concen: 21.50 ug/l
RT: 3.25 min Scan# 273
Delta R.T. 0.00 min
Lab File: VW003657.D
Acq: 29 Jun 2018 13:49

Instrument :
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ClientSampleId :
VW0629SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	69.2	53.4	80.0

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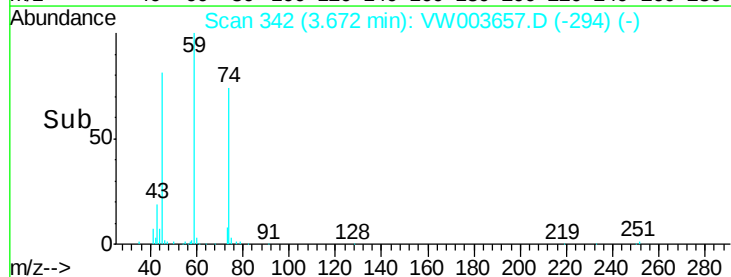
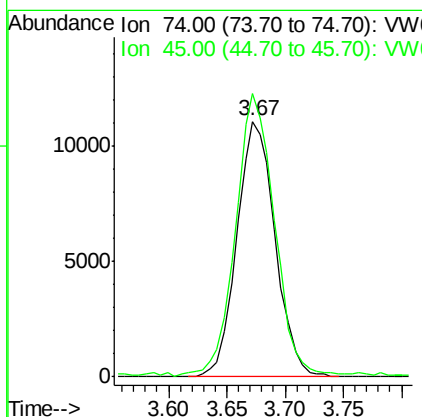
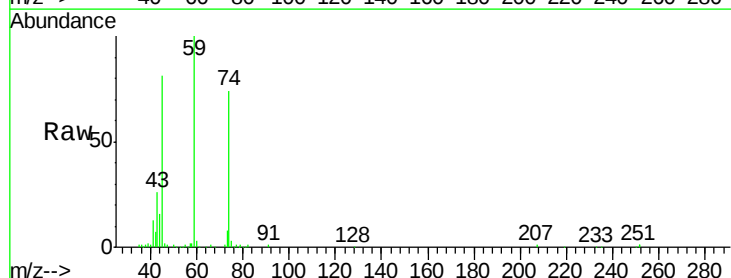
apatel
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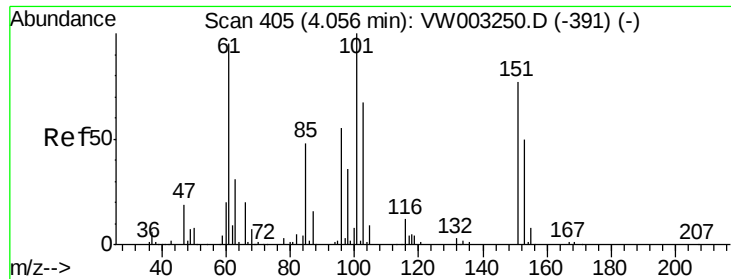


#8

Diethyl Ether
Concen: 23.43 ug/l
RT: 3.67 min Scan# 342
Delta R.T. -0.01 min
Lab File: VW003657.D
Acq: 29 Jun 2018 13:49

Tgt Ion	Ratio	Lower	Upper
74	100		
45	114.2	51.4	154.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.60 ug/l

RT: 4.06 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW003657.D

Acq: 29 Jun 2018 13:49

Instrument :

MSVOA_W

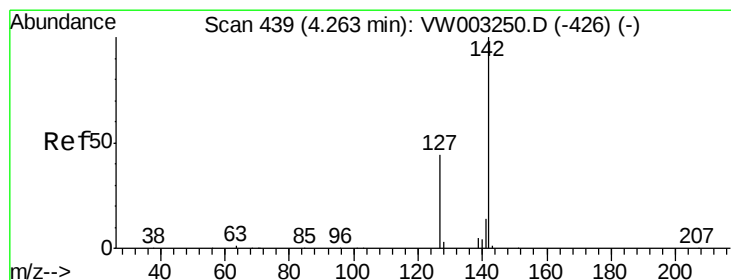
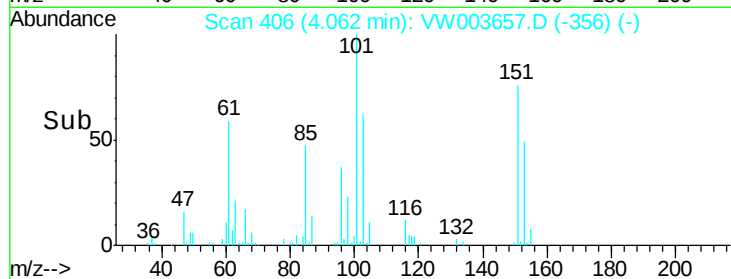
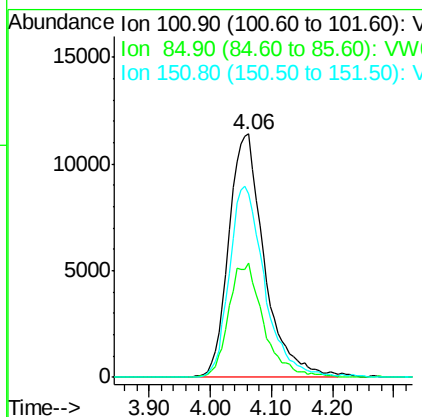
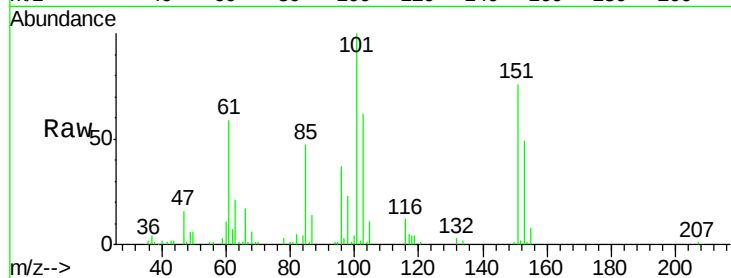
ClientSampleId :

VW0629SBS01

Tot Ion:	101	Resp:	45880
Ion Ratio	Lower	Upper	
101	100		
85	46.1	37.0	55.6
151	77.6	63.3	94.9

Manual Integrations
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#10

Methyl Iodide

Concen: 21.24 ug/l

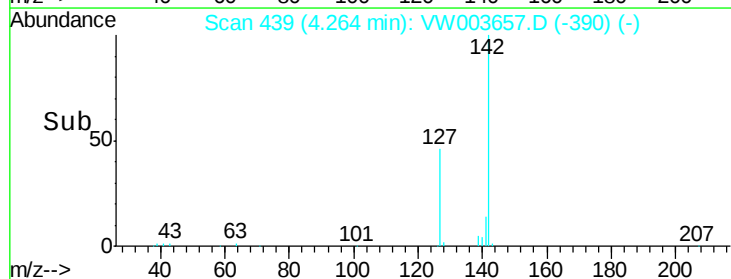
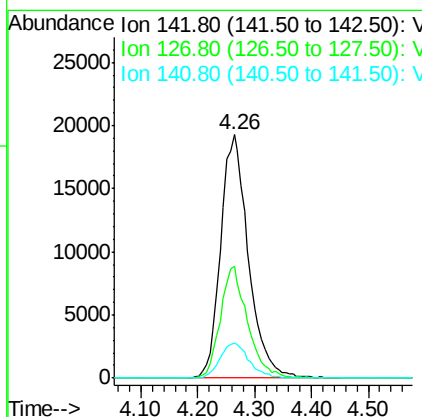
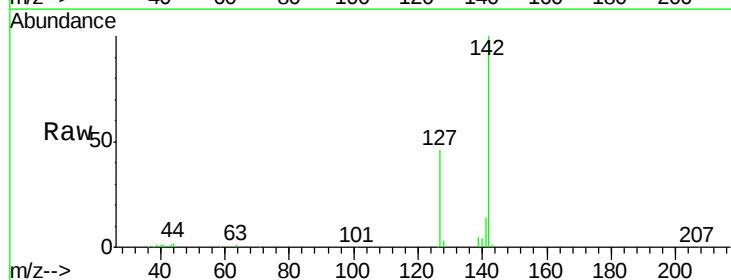
RT: 4.26 min Scan# 439

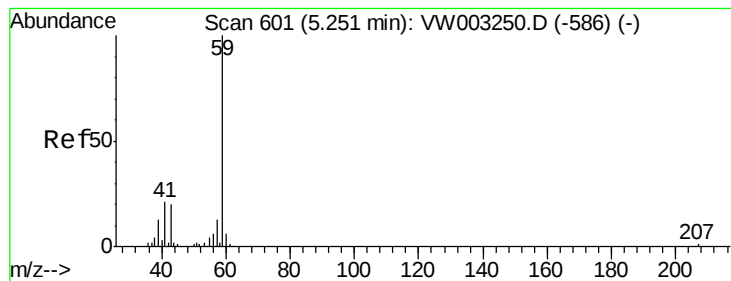
Delta R.T. 0.00 min

Lab File: VW003657.D

Acq: 29 Jun 2018 13:49

Tgt Ion:	142	Resp:	65213
Ion Ratio	Lower	Upper	
142	100		
127	44.8	36.5	54.7
141	14.9	12.1	18.1





#11

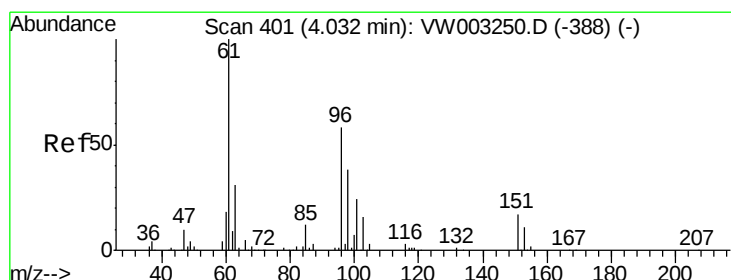
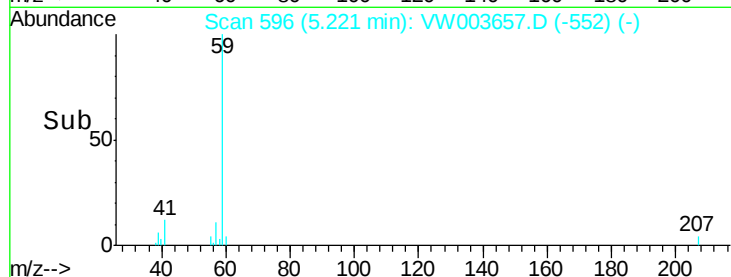
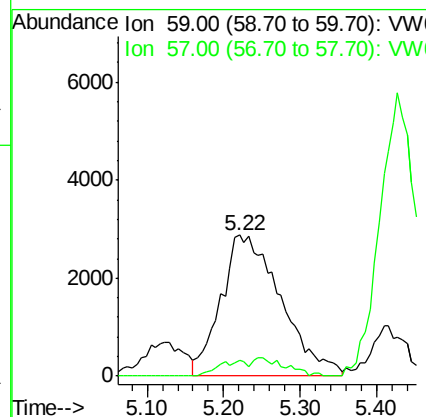
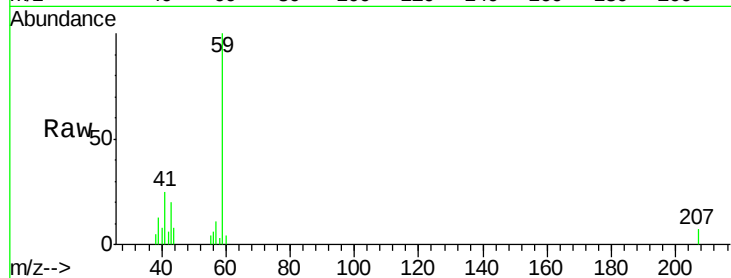
Tert butyl alcohol
Concen: 123.09 ug/l
RT: 5.22 min Scan# 596
Delta R.T. -0.03 min
Lab File: VW003657.D
Acq: 29 Jun 2018 13:49

Instrument :
MSVOA_W
ClientSampleId :
VW0629SBS01

Tot Ion: 59 Resp: 15670
Ion Ratio Lower Upper
59 100
57 0.0 4.2 6.2#

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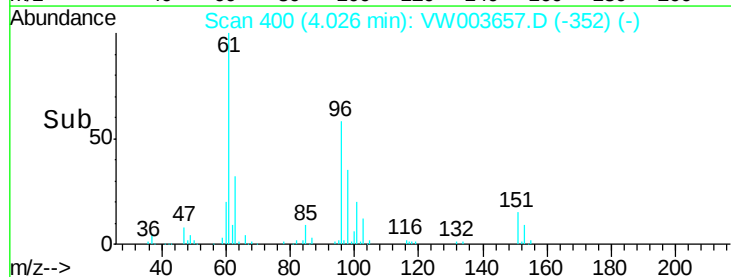
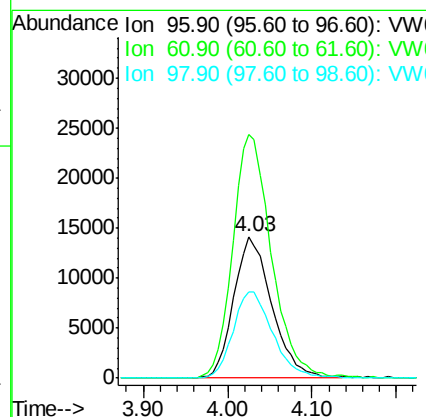
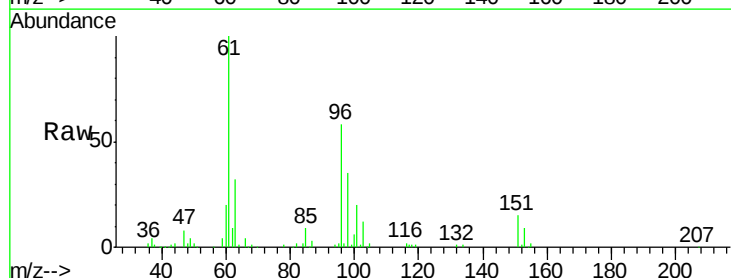
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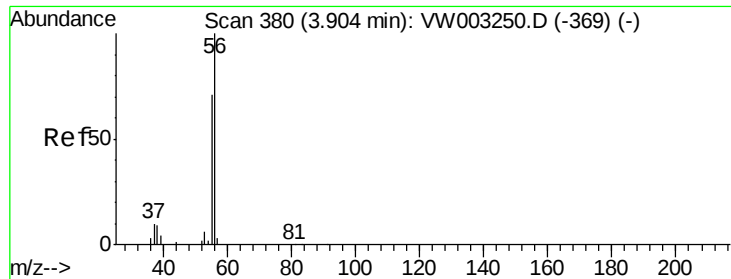


#12

1,1-Dichloroethene
Concen: 21.97 ug/l
RT: 4.03 min Scan# 400
Delta R.T. -0.01 min
Lab File: VW003657.D
Acq: 29 Jun 2018 13:49

Tgt Ion: 96 Resp: 43582
Ion Ratio Lower Upper
96 100
61 172.1 139.0 208.4
98 61.0 53.3 79.9





#13

Acrolein

Concen: 64.34 ug/l

RT: 3.89 min Scan# 378

Delta R.T. -0.01 min

Lab File: VW003657.D

Acq: 29 Jun 2018 13:49

Instrument :

MSVOA_W

ClientSampleId :

VW0629SBS01

Tot Ion: 56 Resp: 11710

Ion Ratio Lower Upper

56 100

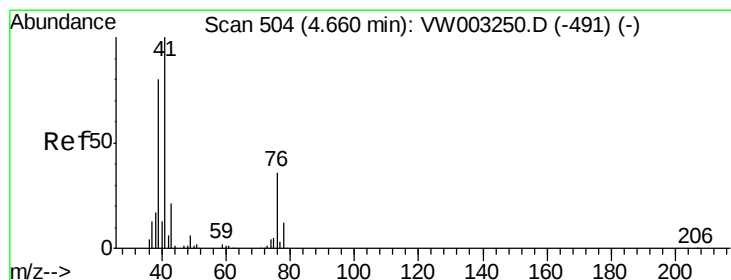
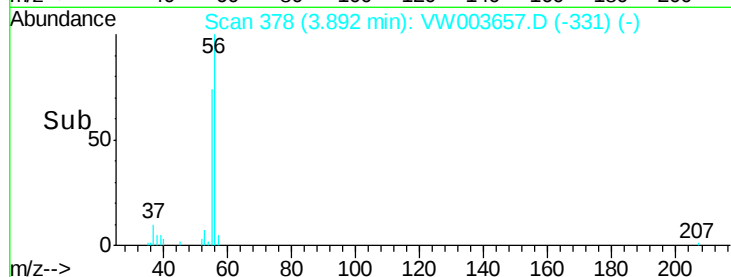
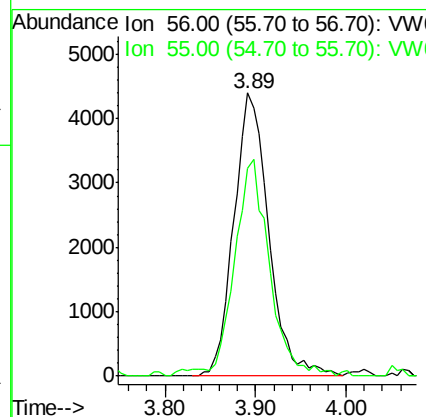
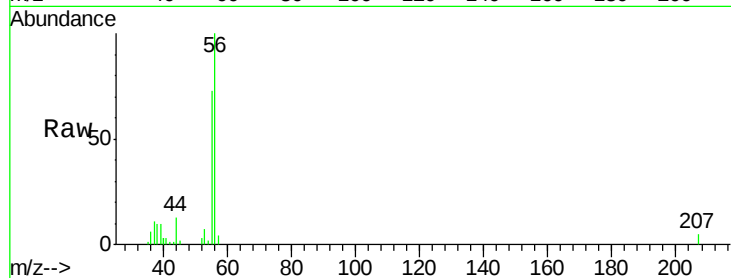
55 75.4 55.4 83.2

Manual Integrations

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#14

Allyl chloride

Concen: 22.30 ug/l

RT: 4.66 min Scan# 504

Delta R.T. 0.00 min

Lab File: VW003657.D

Acq: 29 Jun 2018 13:49

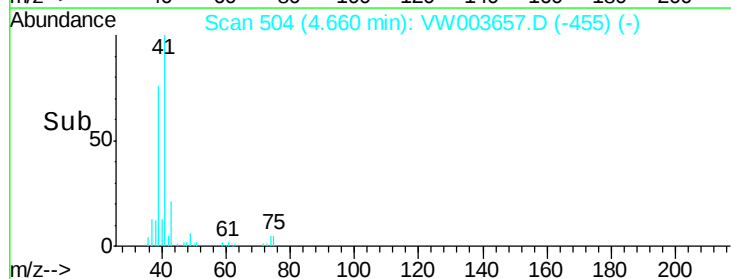
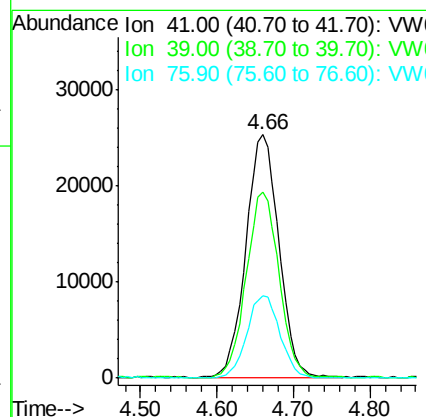
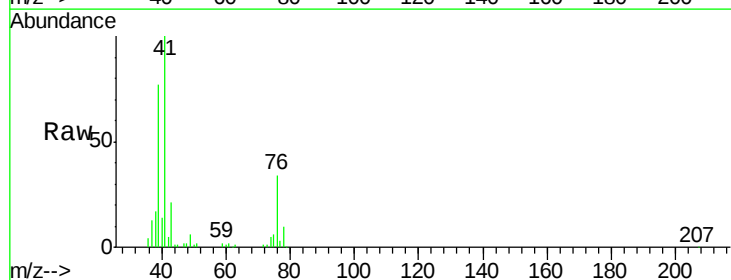
Tgt Ion: 41 Resp: 76616

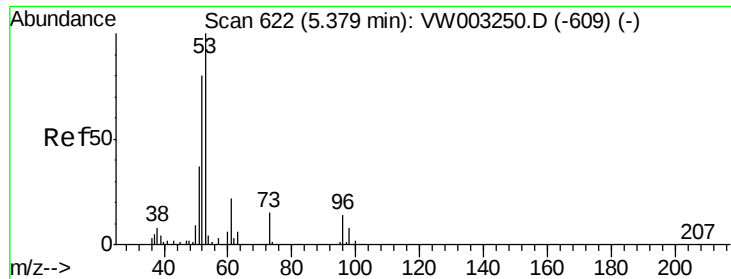
Ion Ratio Lower Upper

41 100

39 75.8 63.2 94.8

76 33.6 28.0 42.0





#15

Acrylonitrile

Concen: 119.19 ug/l

RT: 5.37 min Scan# 621

Delta R.T. -0.01 min

Lab File: VW003657.D

Acq: 29 Jun 2018 13:49

Instrument :

MSVOA_W

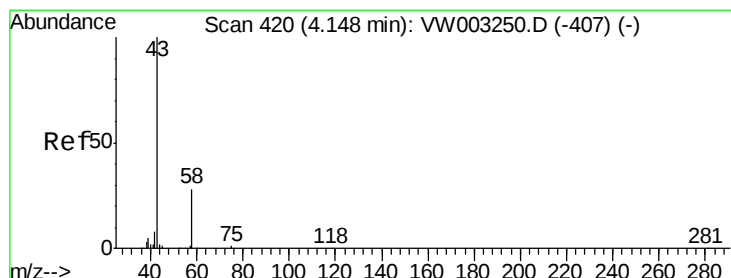
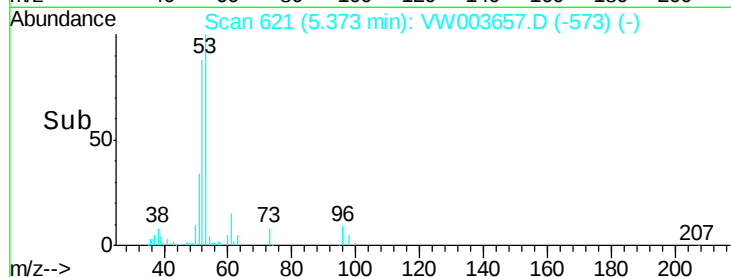
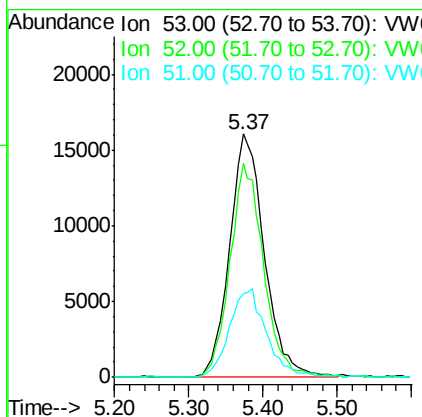
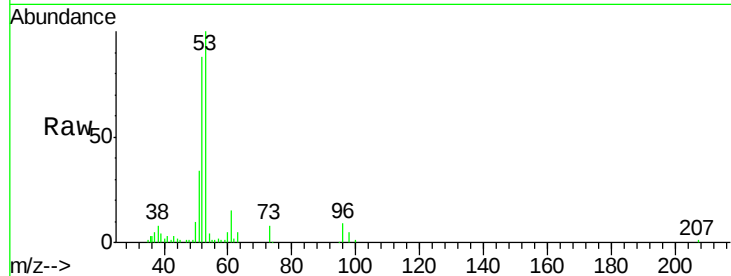
ClientSampleId :

VW0629SBS01

Tot Ion:	53	Resp:	52666
Ion Ratio	Lower	Upper	
53	100		
52	84.9	66.6	100.0
51	38.4	30.6	46.0

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#16

Acetone

Concen: 119.41 ug/l

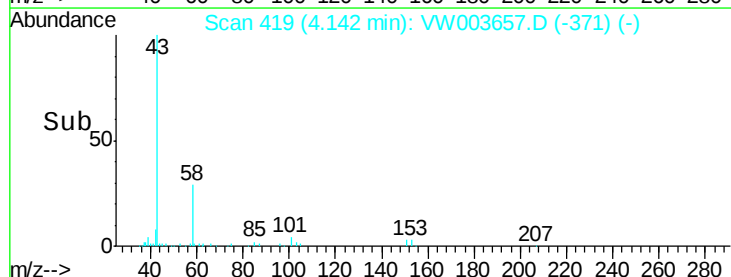
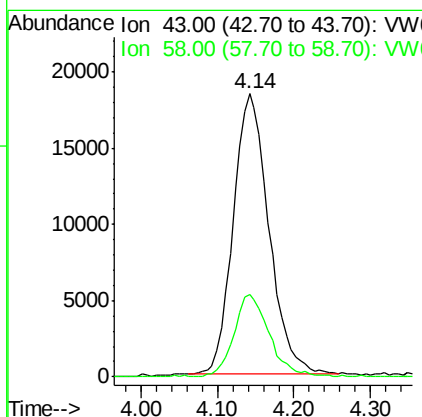
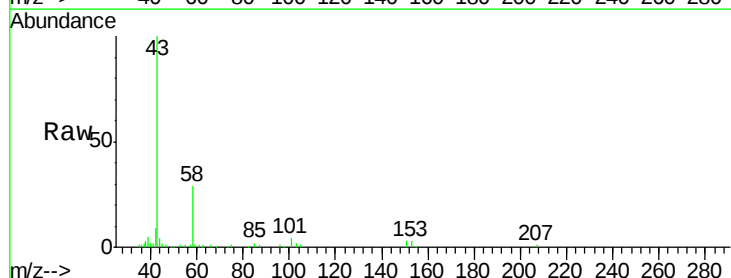
RT: 4.14 min Scan# 419

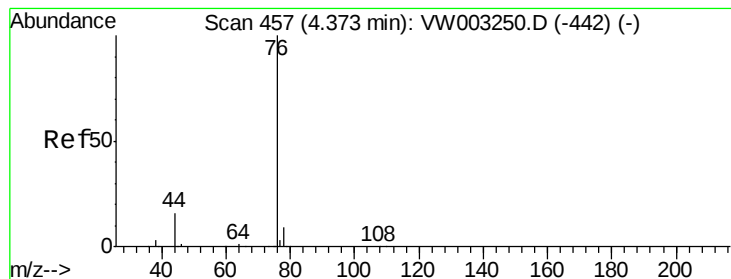
Delta R.T. -0.01 min

Lab File: VW003657.D

Acq: 29 Jun 2018 13:49

Tgt Ion:	43	Resp:	59447
Ion Ratio	Lower	Upper	
43	100		
58	29.3	22.6	34.0





#17

Carbon Disulfide

Concen: 20.98 ug/l

RT: 4.37 min Scan# 456

Delta R.T. -0.01 min

Lab File: VW003657.D

Acq: 29 Jun 2018 13:49

Instrument :

MSVOA_W

ClientSampleId :

VW0629SBSD01

Tot Ion: 76 Resp: 123026

Ion Ratio Lower Upper

76 100

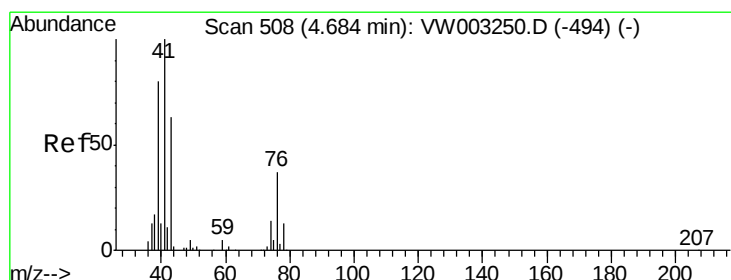
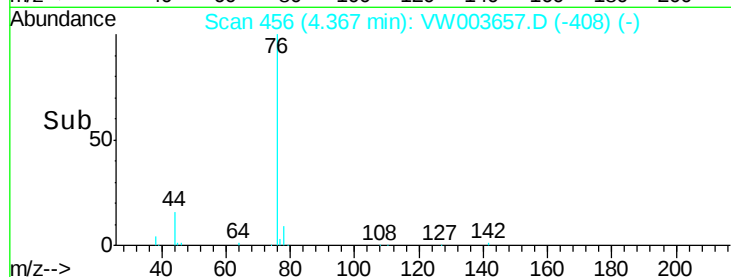
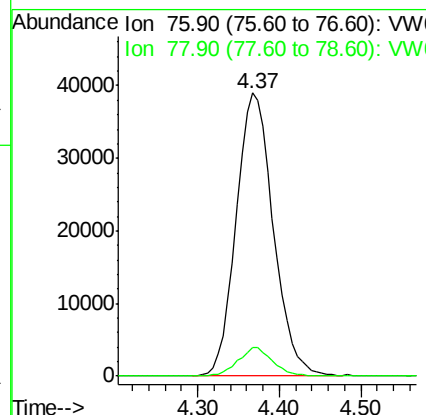
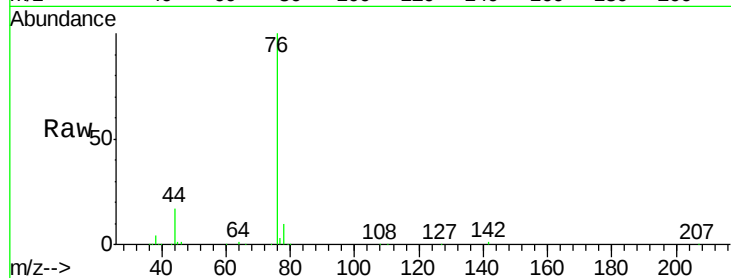
78 10.1 7.1 10.7

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#18

Methyl Acetate

Concen: 21.42 ug/l

RT: 4.68 min Scan# 507

Delta R.T. -0.01 min

Lab File: VW003657.D

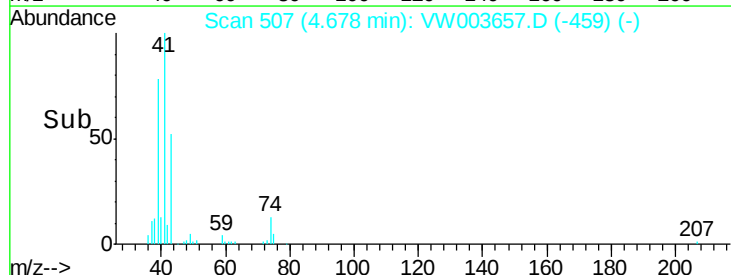
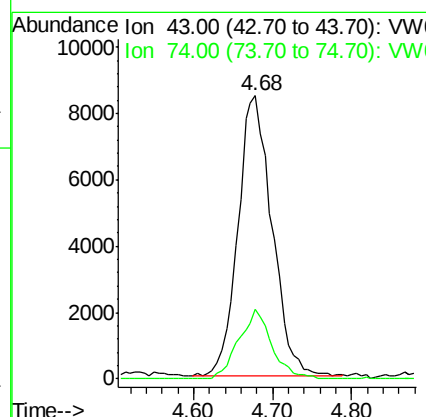
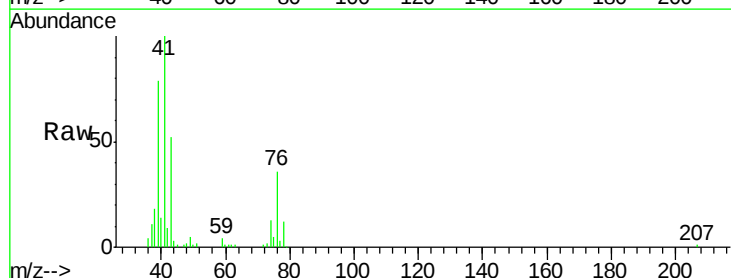
Acq: 29 Jun 2018 13:49

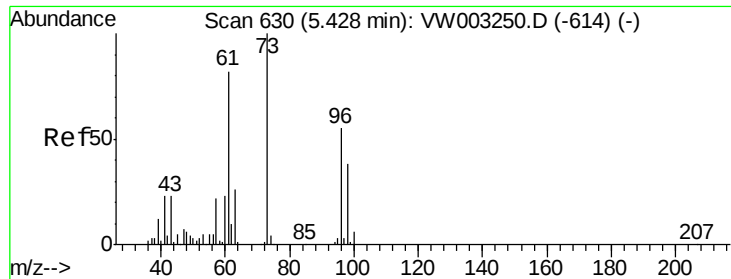
Tgt Ion: 43 Resp: 25298

Ion Ratio Lower Upper

43 100

74 24.0 18.7 28.1





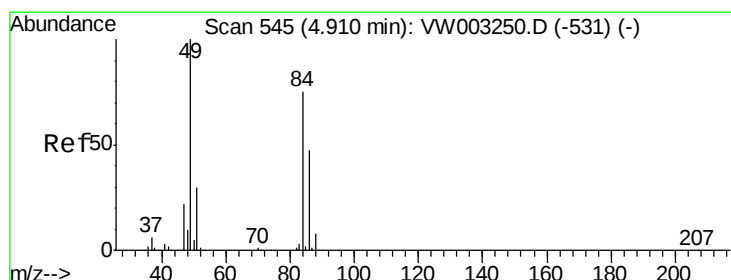
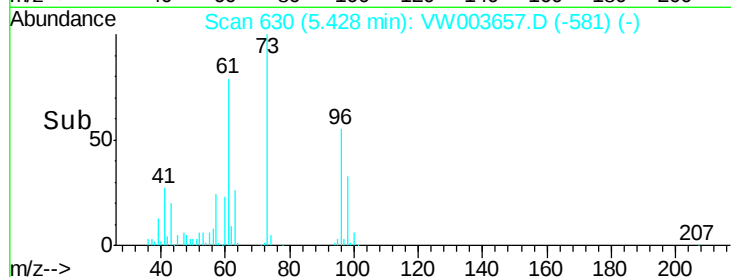
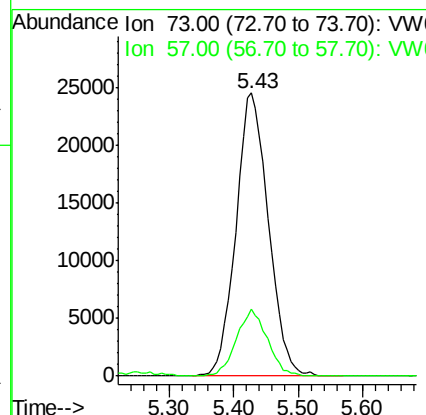
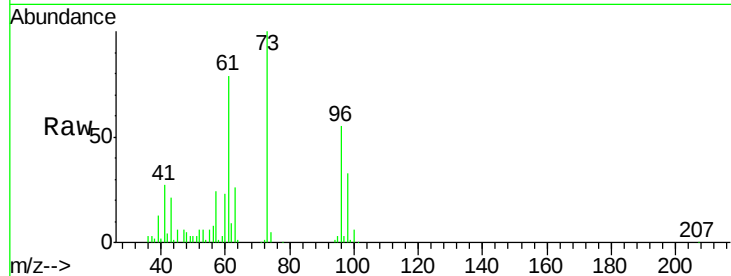
#19
Methvl tert-butvl Ether
Concen: 23.04 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.00 min
Lab File: VW003657.D
Acq: 29 Jun 2018 13:49

Instrument :
MSVOA_W
ClientSampleId :
VW0629SBS01

Tot Ion: 73 Resp: 85613
Ion Ratio Lower Upper
73 100
57 23.6 18.0 27.0

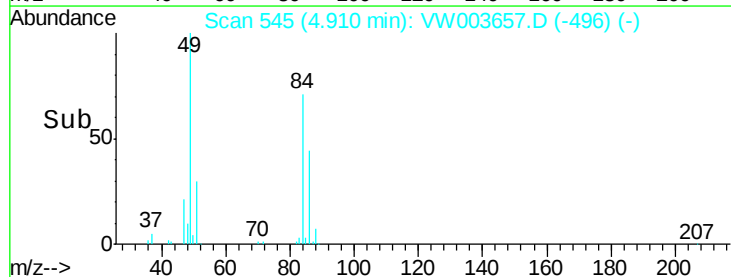
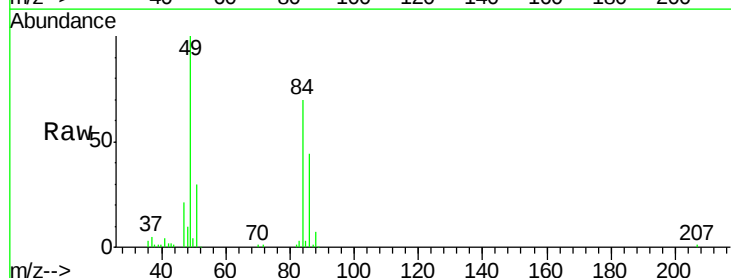
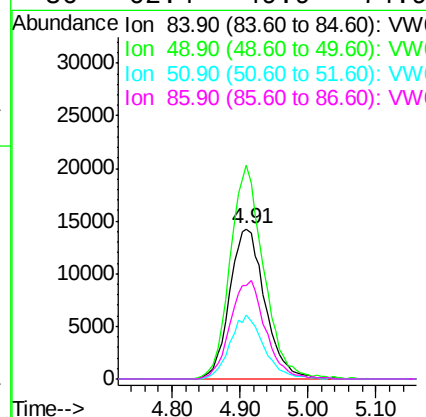
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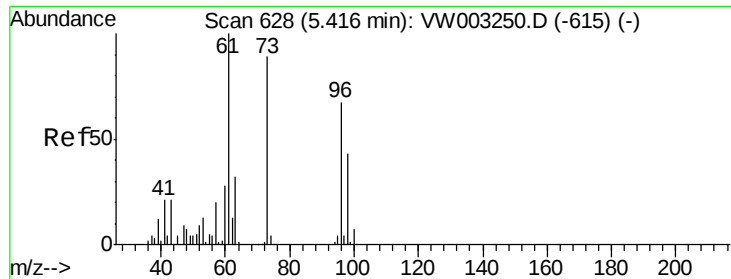
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#20
Methylene Chloride
Concen: 22.22 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003657.D
Acq: 29 Jun 2018 13:49

Tgt Ion: 84 Resp: 51295
Ion Ratio Lower Upper
84 100
49 141.7 106.3 159.5
51 43.0 32.0 48.0
86 62.4 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 22.04 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.00 min

Lab File: VW003657.D

Acq: 29 Jun 2018 13:49

Instrument :

MSVOA_W

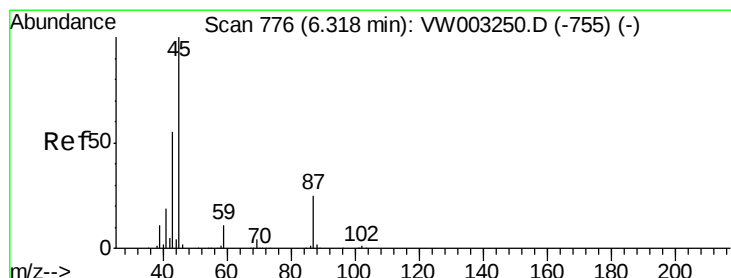
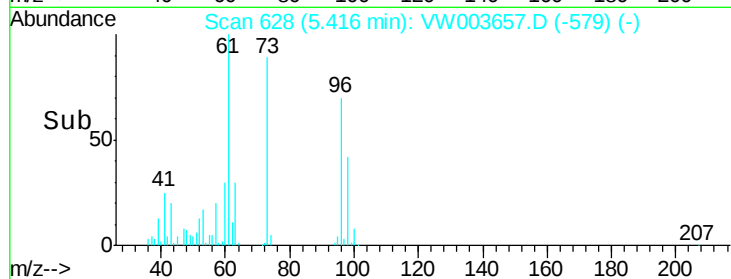
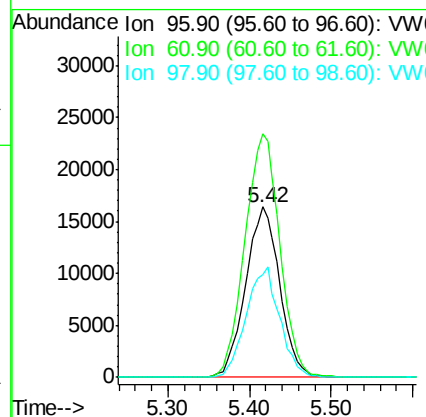
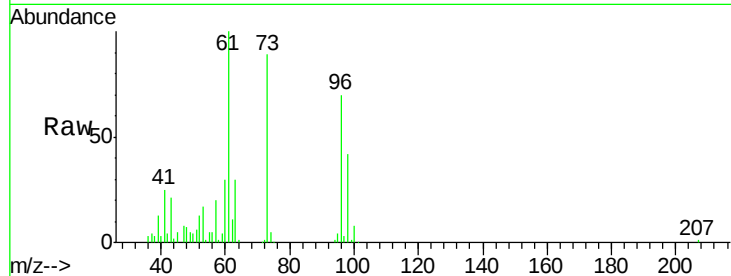
ClientSampled :

VW0629SBS01

Tot Ion:	96	Resp:	47591
Ion	Ratio	Lower	Upper
96	100		
61	142.9	118.7	178.1
98	60.0	51.0	76.6

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#22

Diisopropyl ether

Concen: 22.74 ug/l

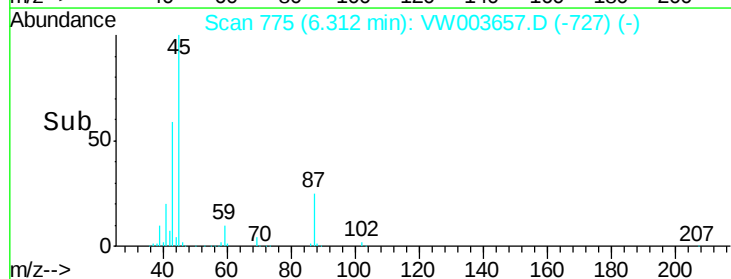
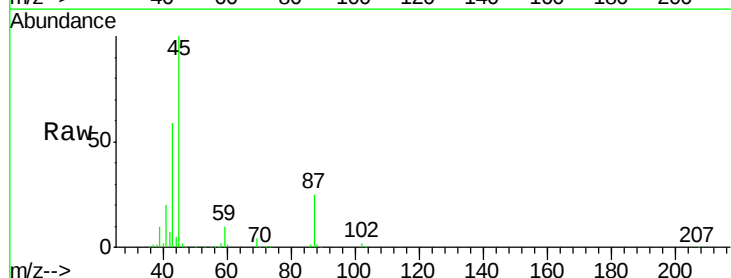
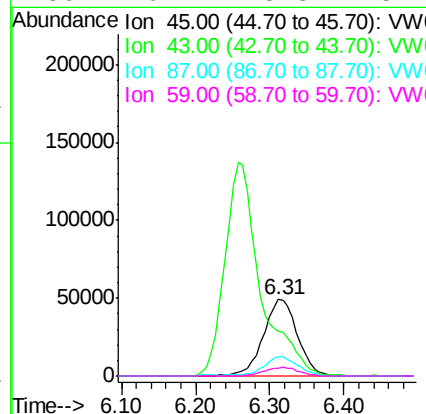
RT: 6.31 min Scan# 775

Delta R.T. -0.01 min

Lab File: VW003657.D

Acq: 29 Jun 2018 13:49

Tgt Ion:	45	Resp:	157244
Ion	Ratio	Lower	Upper
45	100		
43	58.6	44.0	66.0
87	24.6	20.6	31.0
59	10.2	8.8	13.2





#23

Vinyl Acetate

Concen: 114.94 ug/l

RT: 6.26 min Scan# 766

Delta R.T. 0.00 min

Lab File: VW003657.D

Acq: 29 Jun 2018 13:49

Instrument :

MSVOA_W

ClientSampleId :

VW0629SBSD01

Tot Ion: 43 Resp: 458066

Ion Ratio Lower Upper

43 100

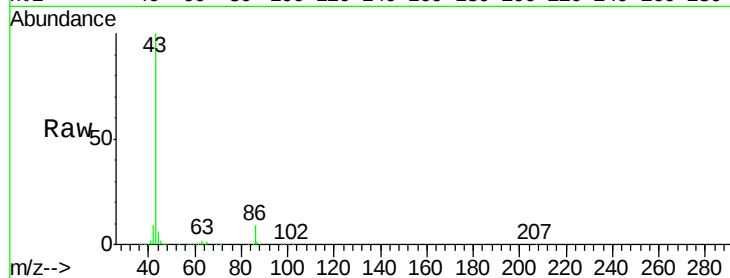
86 9.4 7.5 11.3

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

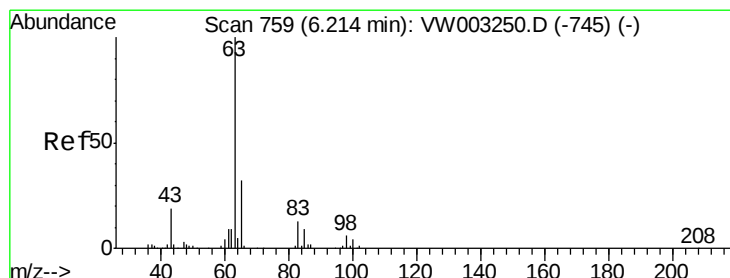
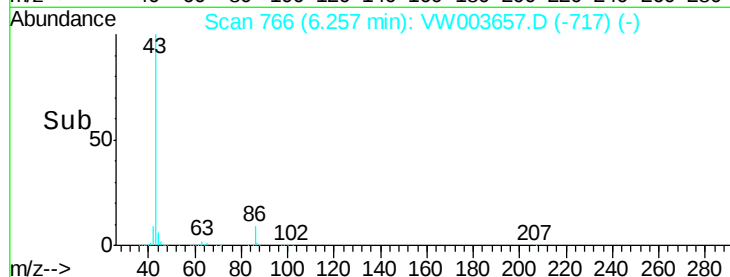
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 22.75 ug/l

RT: 6.21 min Scan# 759

Delta R.T. 0.00 min

Lab File: VW003657.D

Acq: 29 Jun 2018 13:49

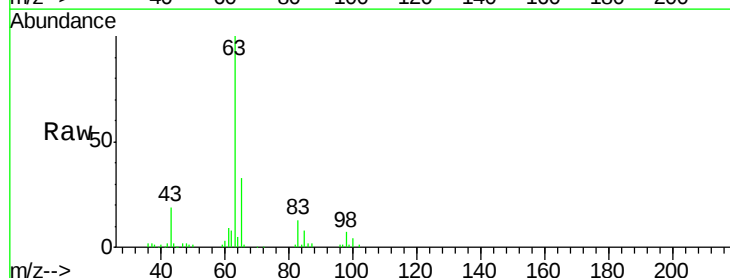
Tgt Ion: 63 Resp: 93384

Ion Ratio Lower Upper

63 100

98 6.6 2.8 8.3

100 4.5 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

6.21

40000

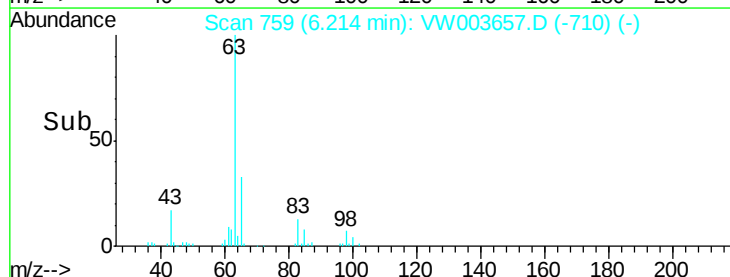
30000

20000

10000

0

Time-->





#25

2-Butanone

Concen: 125.91 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.00 min

Lab File: VW003657.D

Acq: 29 Jun 2018 13:49

Instrument :

MSVOA_W

ClientSampled :

VW0629SBS01

Tot Ion: 43 Resp: 77947

Ion Ratio Lower Upper

43 100

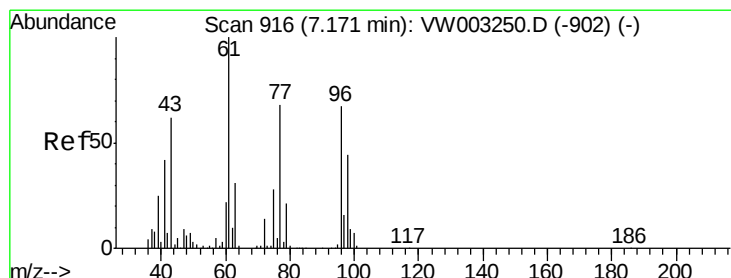
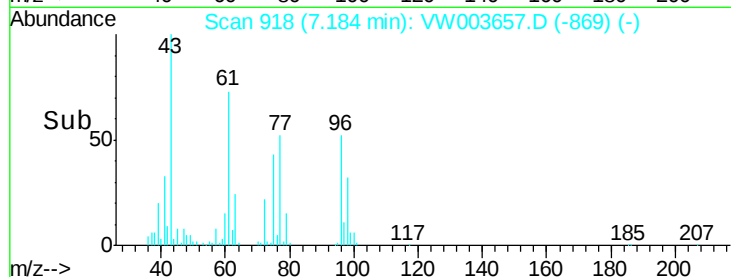
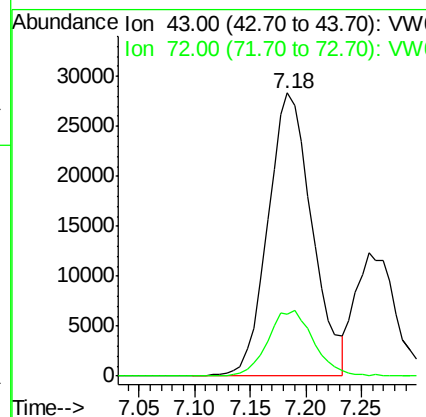
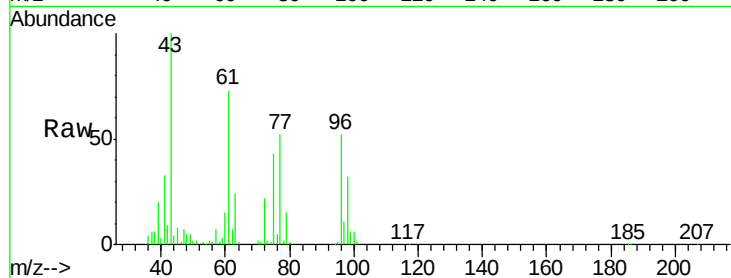
72 21.7 20.3 30.5

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#26

2,2-Dichloropropane

Concen: 22.52 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.01 min

Lab File: VW003657.D

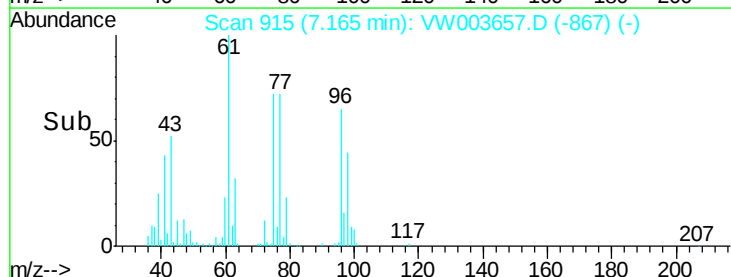
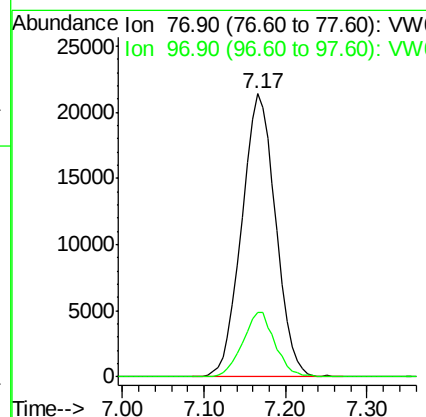
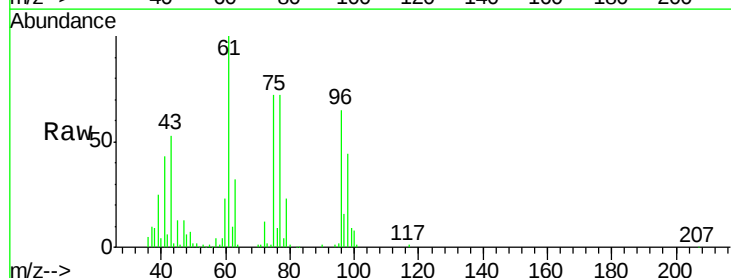
Acq: 29 Jun 2018 13:49

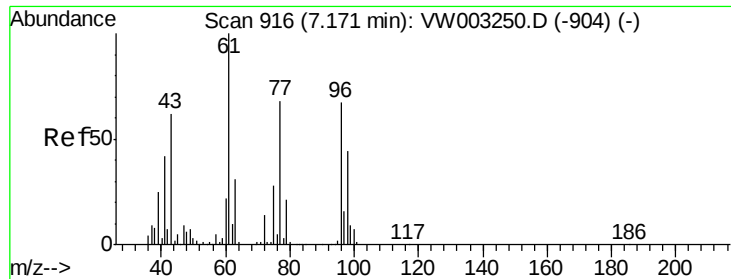
Tgt Ion: 77 Resp: 61702

Ion Ratio Lower Upper

77 100

97 21.8 11.3 33.9





#27

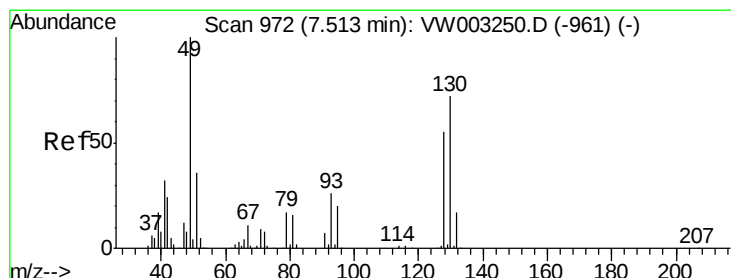
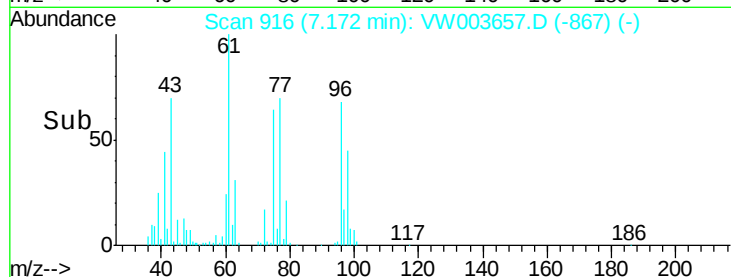
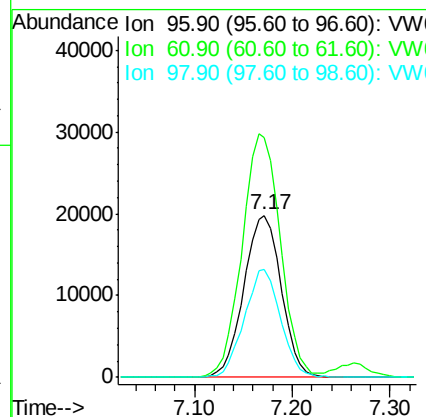
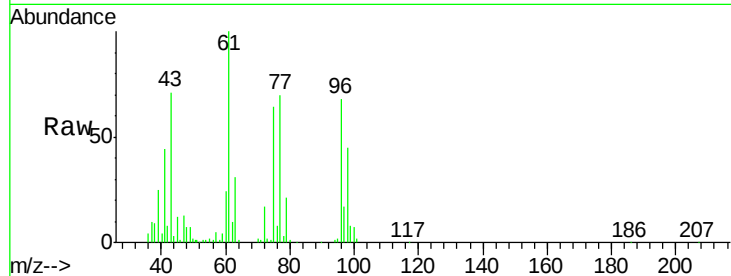
cis-1,2-Dichloroethene
Concen: 22.14 ug/l
RT: 7.17 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW003657.D
Acq: 29 Jun 2018 13:49

Instrument :
MSVOA_W
ClientSampled :
VW0629SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	154.0	0.0	298.8
98	64.6	0.0	130.4

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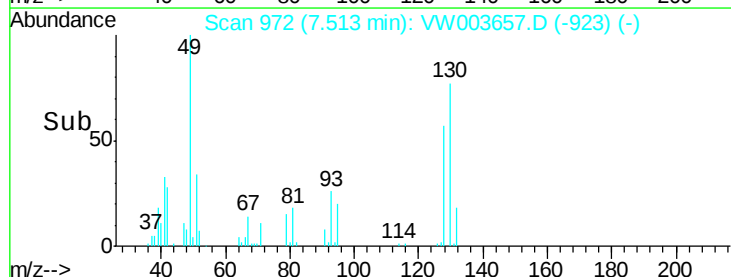
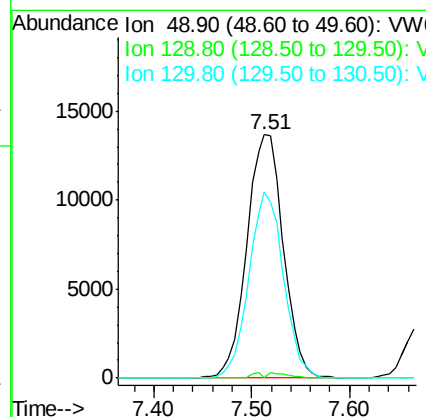
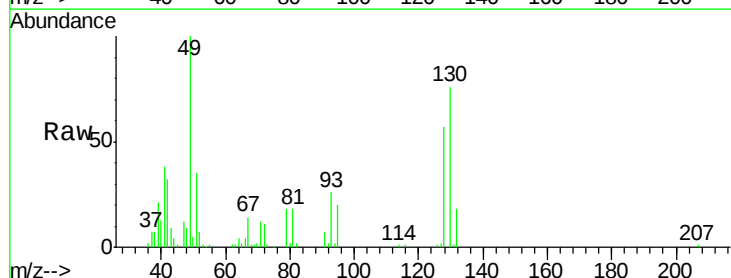
apatel
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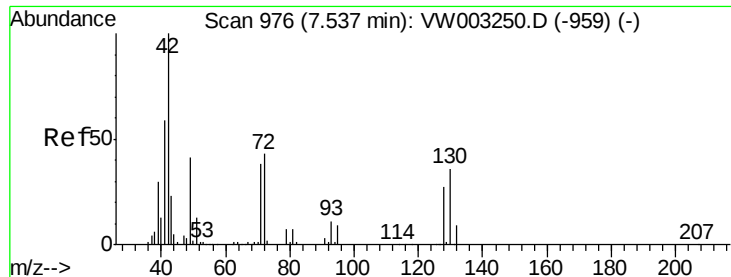


#28

Bromochloromethane
Concen: 20.67 ug/l
RT: 7.51 min Scan# 972
Delta R.T. 0.00 min
Lab File: VW003657.D
Acq: 29 Jun 2018 13:49

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	4.6
130	72.5	59.4	89.2





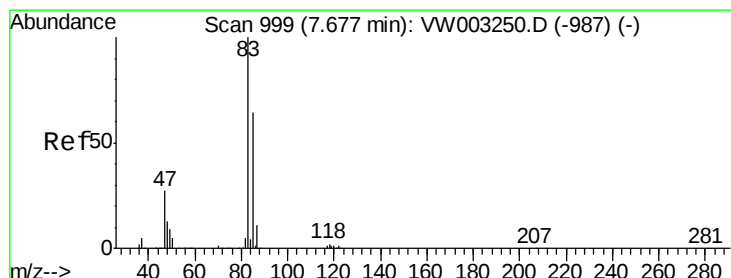
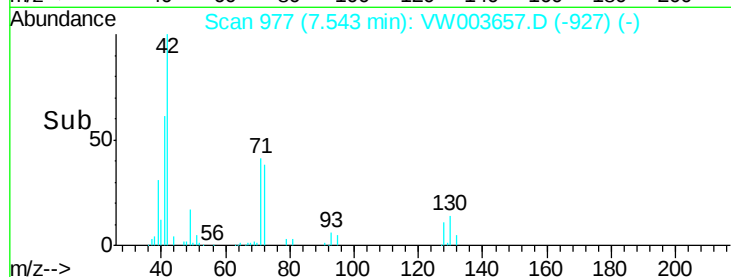
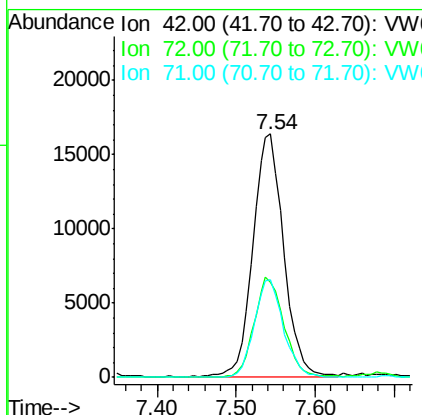
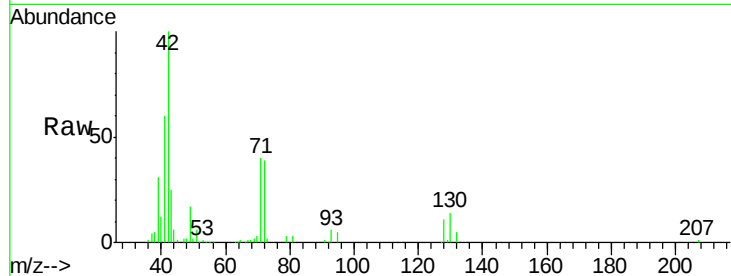
#29
Tetrahydrofuran
Concen: 118.10 ug/l
RT: 7.54 min Scan# 977
Delta R.T. 0.01 min
Lab File: VW003657.D
Acq: 29 Jun 2018 13:49

Instrument :
MSVOA_W
ClientSampleId :
VW0629SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.7	32.4	48.6
71	37.8	31.2	46.8

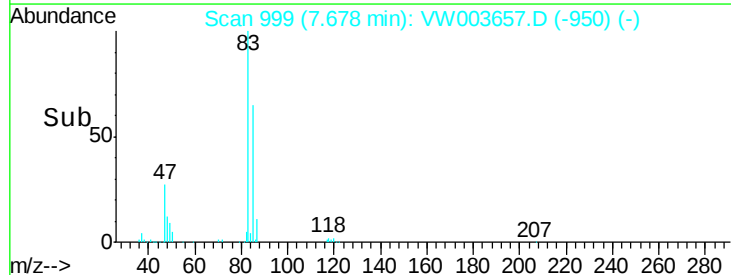
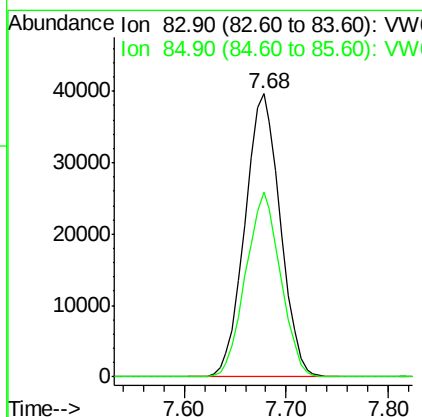
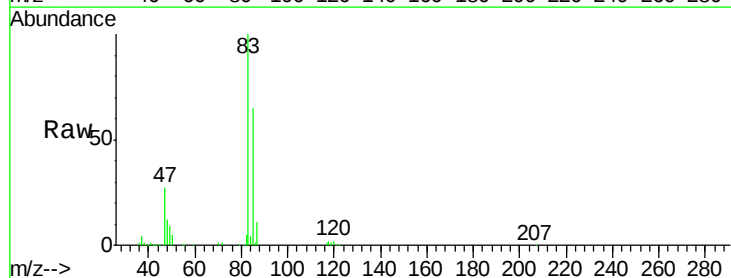
Manual Integrations
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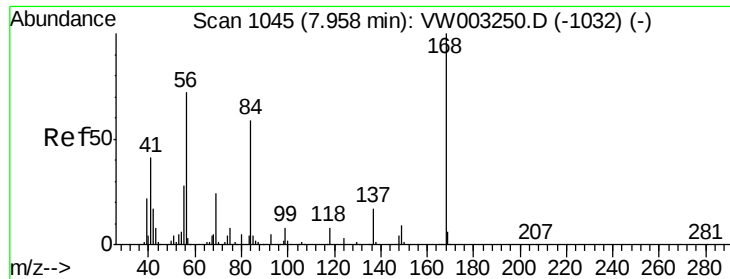
apatel
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#30
Chloroform
Concen: 22.83 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW003657.D
Acq: 29 Jun 2018 13:49

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.2	51.3	76.9





#31

Cyclohexane

Concen: 21.80 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.01 min

Lab File: VW003657.D

Acq: 29 Jun 2018 13:49

Instrument :

MSVOA_W

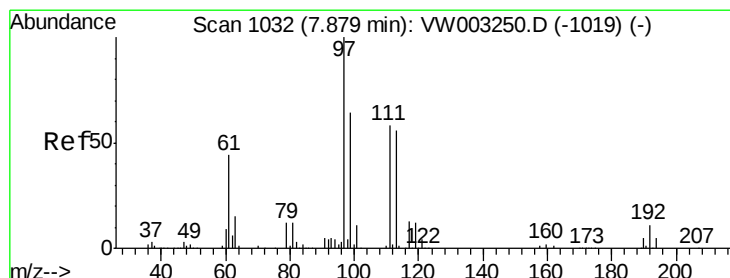
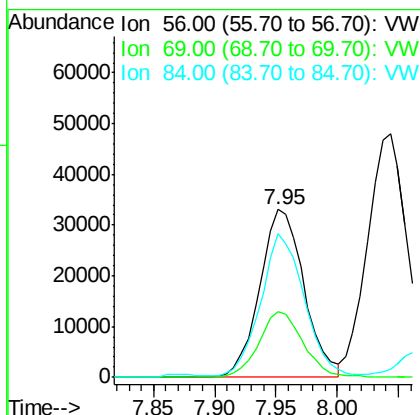
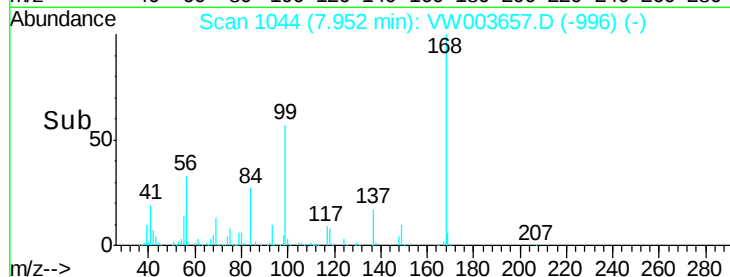
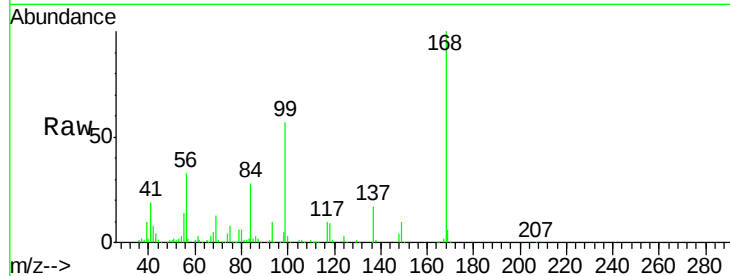
ClientSampled :

VW0629SBS01

Tot Ion:	56	Resp:	83636
Ion Ratio	Lower	Upper	
56	100		
69	38.9	26.3	39.5
84	84.3	65.7	98.5

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#32

1,1,1-Trichloroethane

Concen: 22.43 ug/l

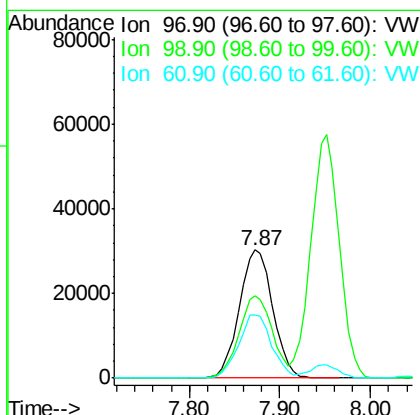
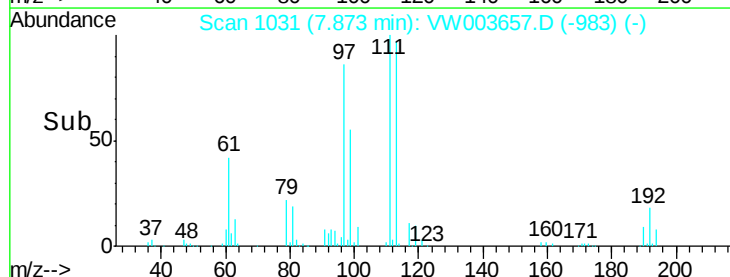
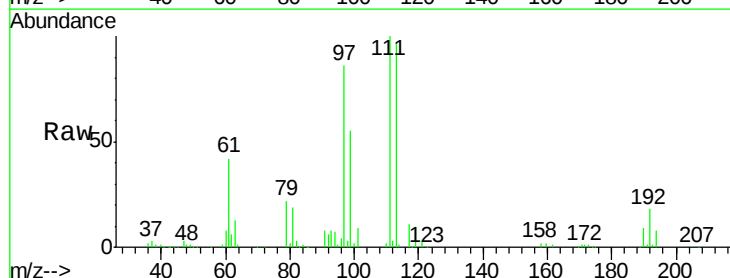
RT: 7.87 min Scan# 1031

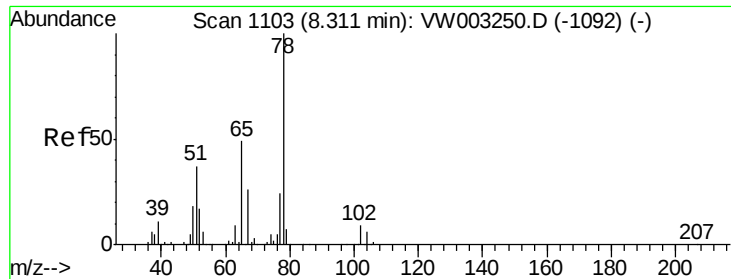
Delta R.T. -0.01 min

Lab File: VW003657.D

Acq: 29 Jun 2018 13:49

Tgt Ion:	97	Resp:	77434
Ion Ratio	Lower	Upper	
97	100		
99	63.6	51.7	77.5
61	48.5	37.6	56.4





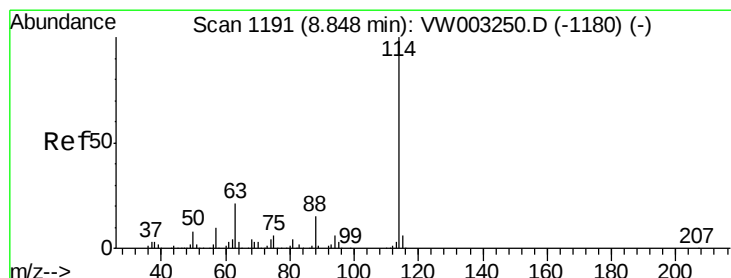
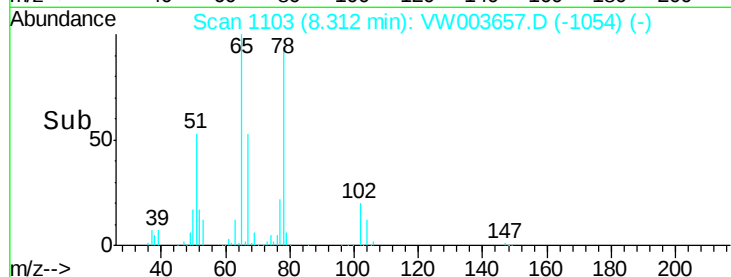
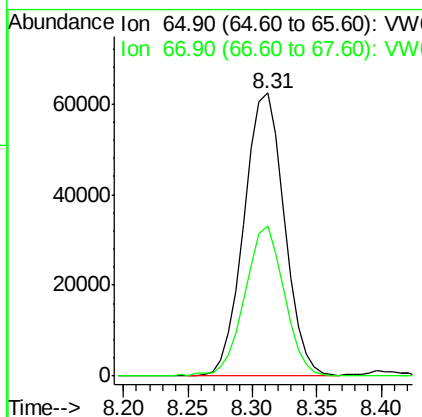
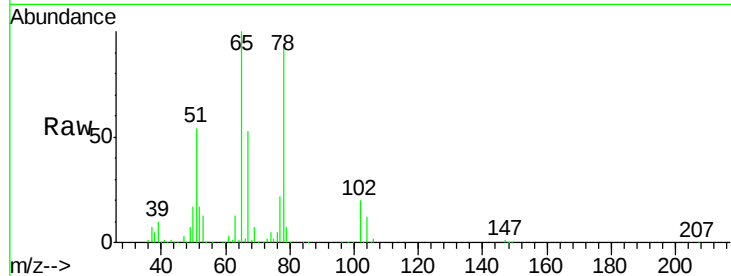
#33
 1,2-Dichloroethane-d4
 Concen: 57.10 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW003657.D
 Acq: 29 Jun 2018 13:49

Instrument :
 MSVOA_W
 ClientSampled :
 VW0629SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.1	0.0	104.2	

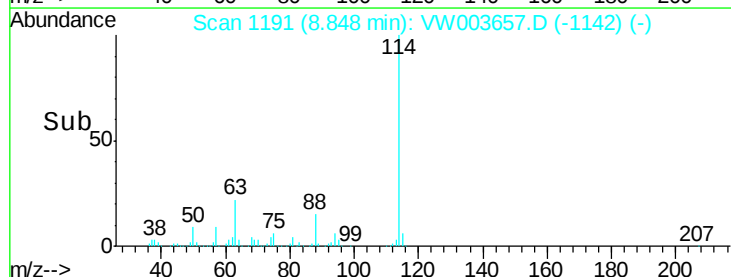
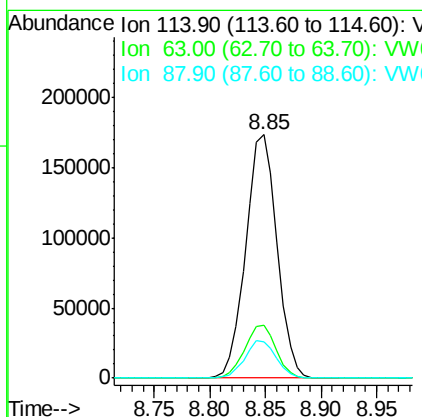
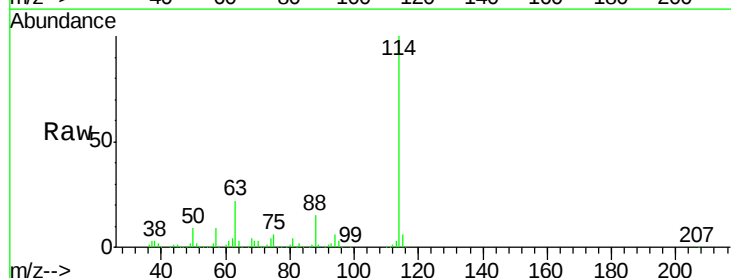
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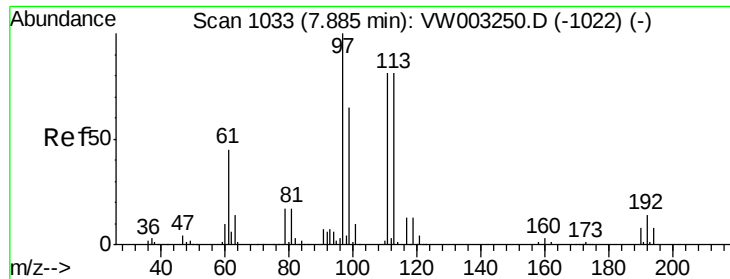
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003657.D
 Acq: 29 Jun 2018 13:49

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	21.7	0.0	43.0	
88	15.0	0.0	29.6	





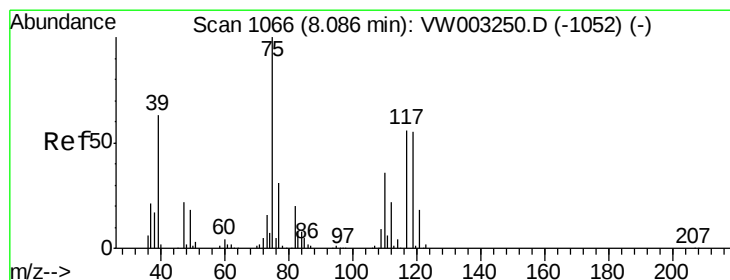
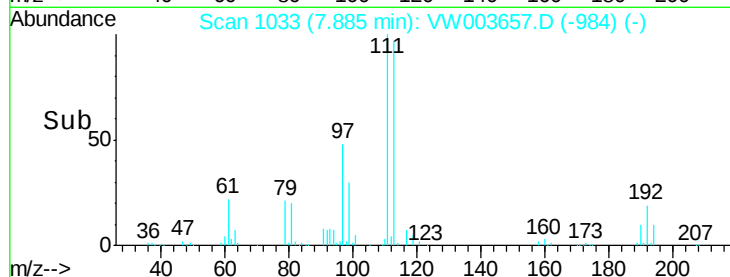
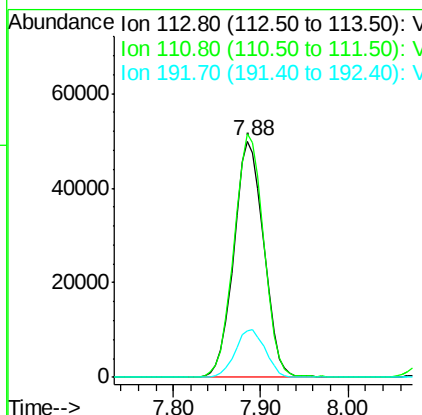
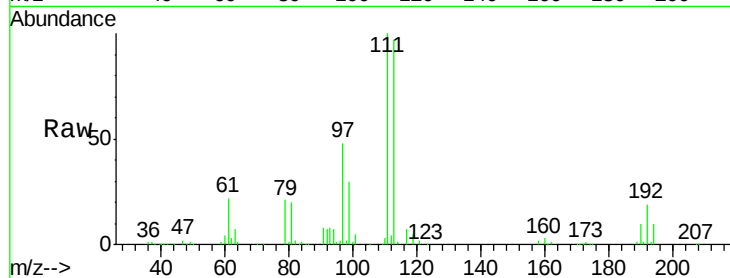
#35
 Dibromofluoromethane
 Concen: 56.09 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003657.D
 Acq: 29 Jun 2018 13:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0629SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	102.8	82.2	123.2	
192	20.3	16.2	24.2	

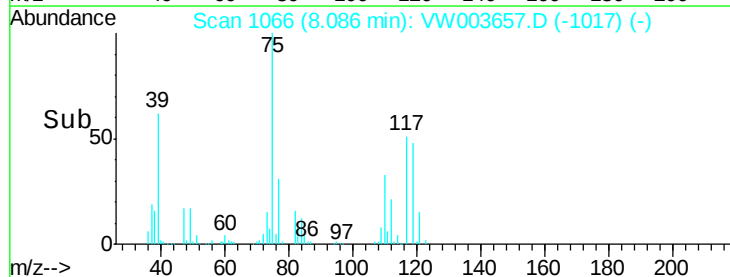
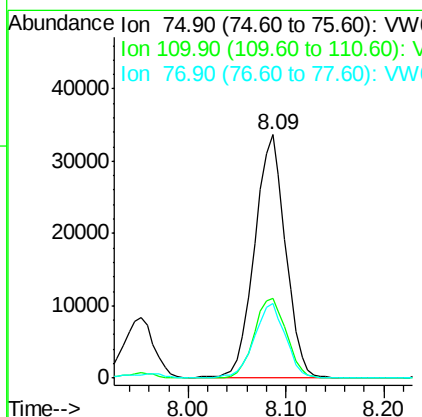
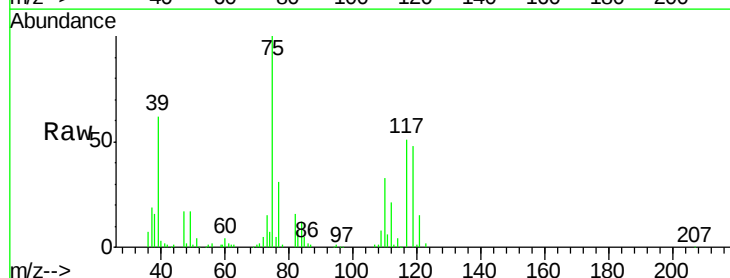
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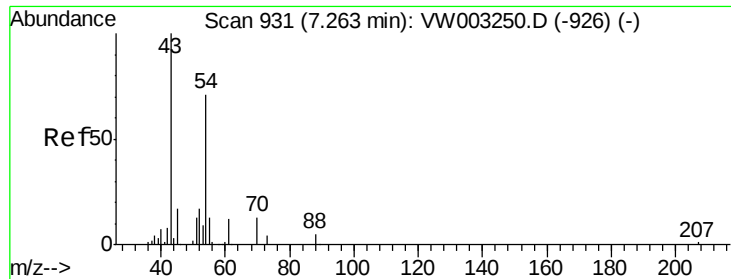
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#36
 1,1-Dichloropropene
 Concen: 22.59 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: VW003657.D
 Acq: 29 Jun 2018 13:49

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	34.0	17.1	51.3	
77	31.0	24.9	37.3	





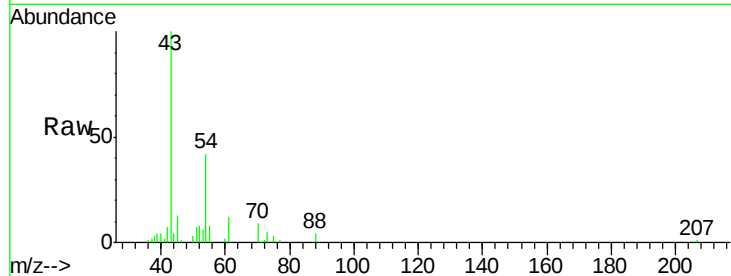
#37
Ethyl Acetate
Concen: 23.19 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.01 min
Lab File: VW003657.D
Acq: 29 Jun 2018 13:49

Instrument :
MSVOA_W
ClientSampleID :
VW0629SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.0	10.8	16.2
70	9.1	7.8	11.6

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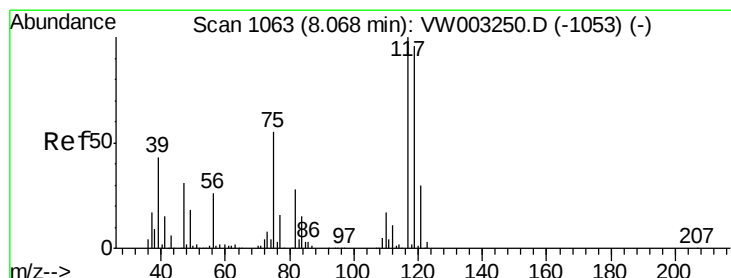
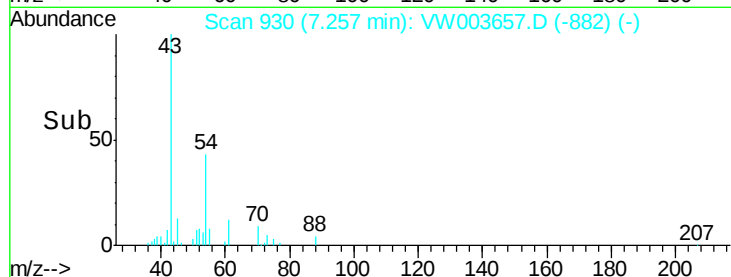
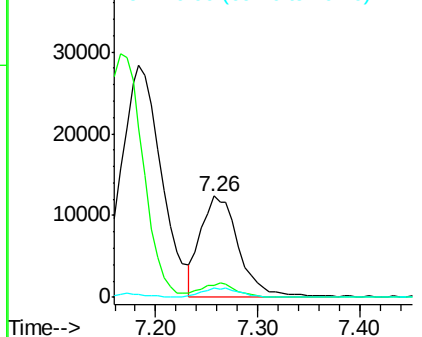


Abundance

Ion 43.00 (42.70 to 43.70): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 70.00 (69.70 to 70.70): VW



#38
Carbon Tetrachloride
Concen: 22.99 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW003657.D
Acq: 29 Jun 2018 13:49

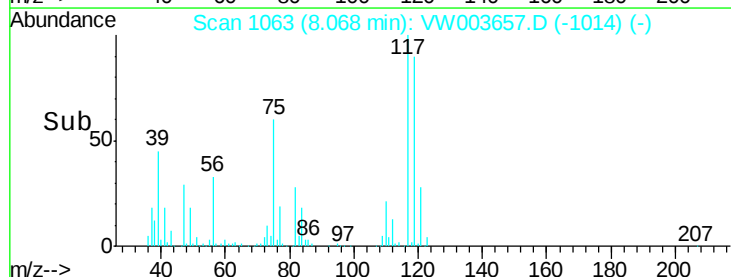
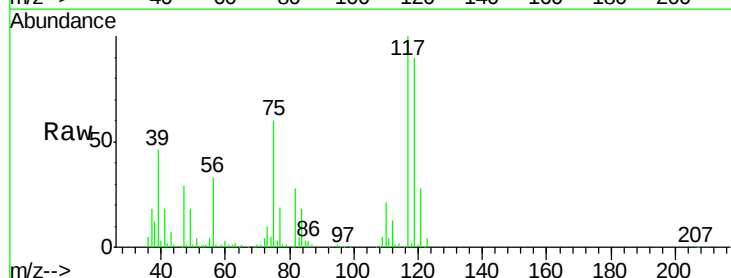
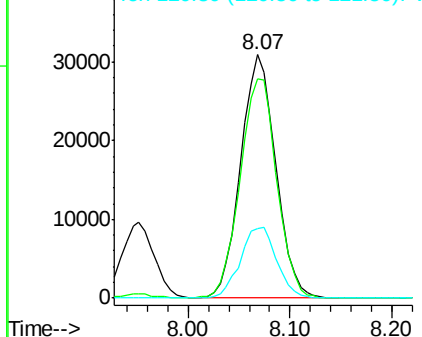
Tgt Ion	Ratio	Lower	Upper
117	100		
119	90.3	76.6	115.0
121	28.3	23.9	35.9

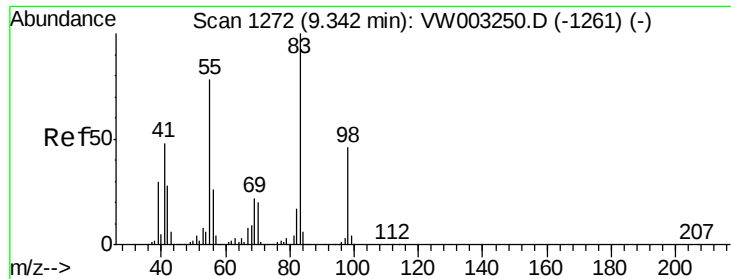
Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





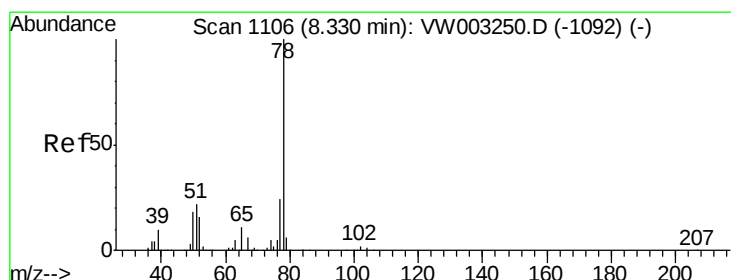
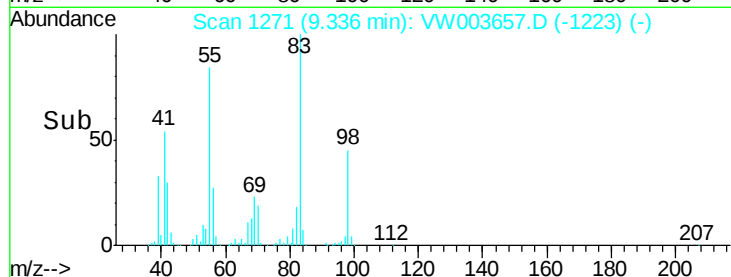
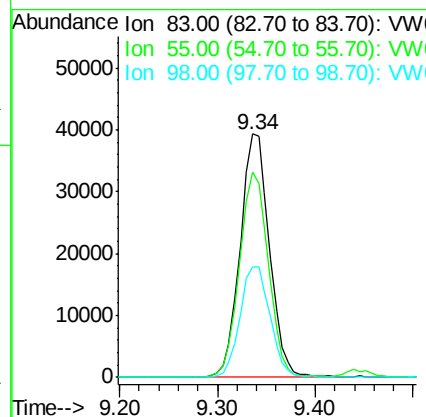
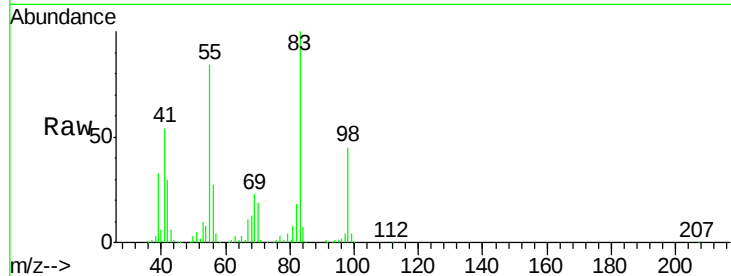
#39
Methvlcvclohexane
Concen: 21.62 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.01 min
Lab File: VW003657.D
Acq: 29 Jun 2018 13:49

Instrument :
MSVOA_W
ClientSampleId :
VW0629SBS01

Tot Ion	83	Resp	82104
Ion Ratio	100	Lower	Upper
83	100		
55	84.5	62.6	93.8
98	45.3	37.0	55.4

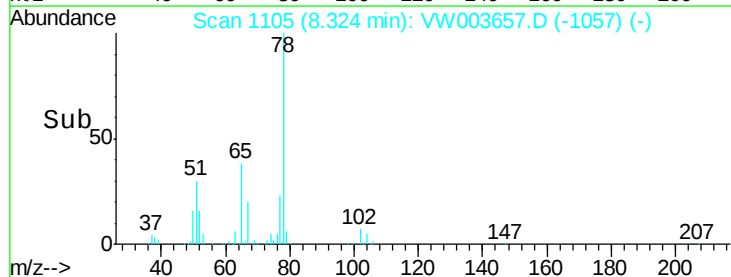
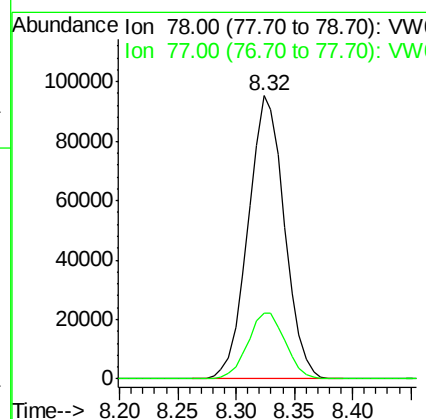
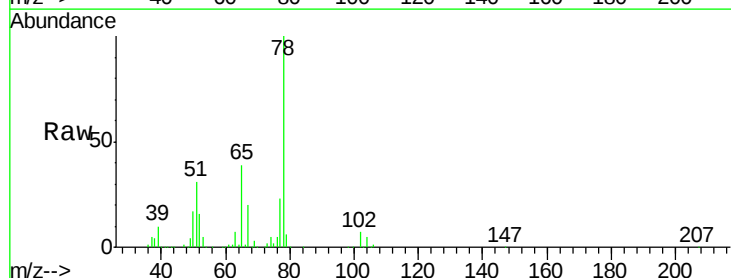
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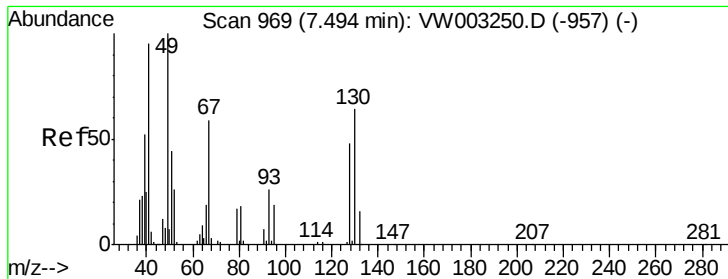
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#40
Benzene
Concen: 22.92 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.01 min
Lab File: VW003657.D
Acq: 29 Jun 2018 13:49

Tgt Ion	78	Resp	207392
Ion Ratio	100	Lower	Upper
78	100		
77	23.4	19.0	28.6





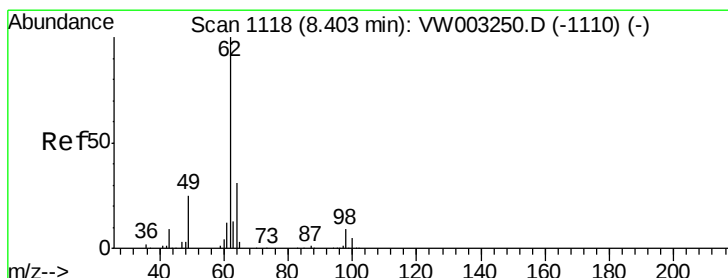
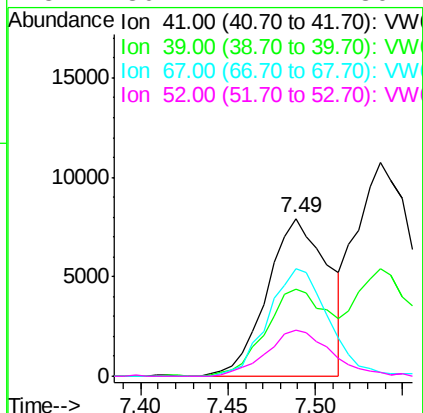
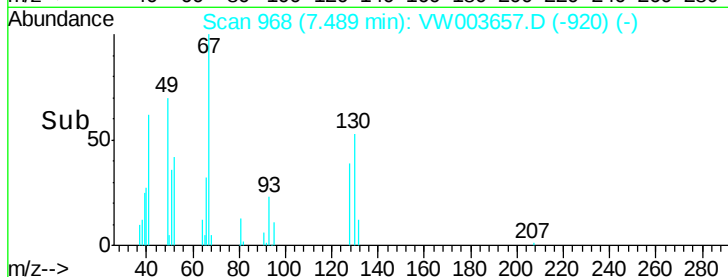
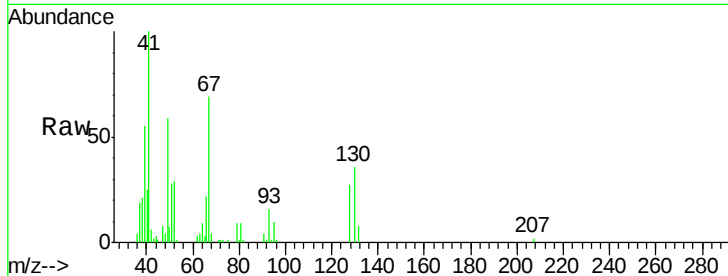
#41
Methacrylonitrile
Concen: 23.20 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.01 min
Lab File: VW003657.D
Acq: 29 Jun 2018 13:49

Instrument :
MSVOA_W
ClientSampleId :
VW0629SBS01

Tot Ion	41	Resp	19364
Ion	Ratio	Lower	Upper
41	100		
39	57.0	45.8	68.8
67	67.6	52.3	78.5
52	30.7	24.1	36.1

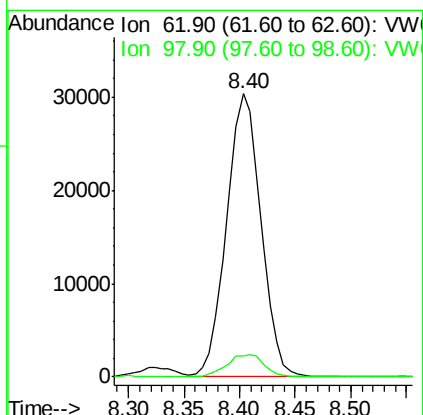
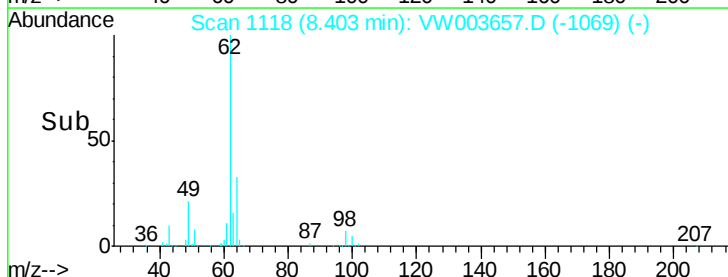
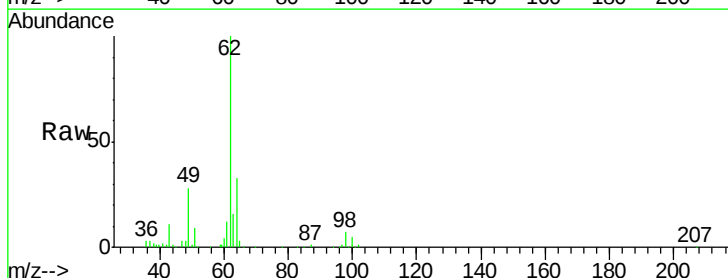
Manual Integrations
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#42
1,2-Dichloroethane
Concen: 22.88 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW003657.D
Acq: 29 Jun 2018 13:49

Tgt Ion	62	Resp	64868
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.2





#43

Isopropyl Acetate

Concen: 23.18 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VW003657.D

Acq: 29 Jun 2018 13:49

Instrument :

MSVOA_W

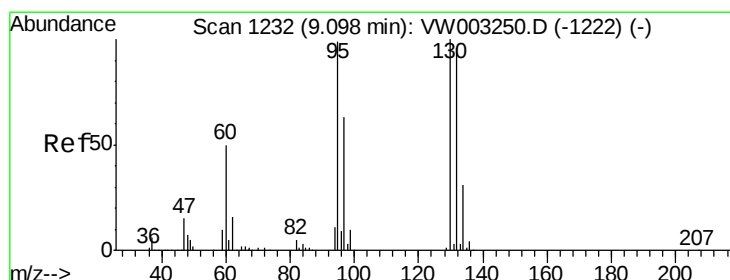
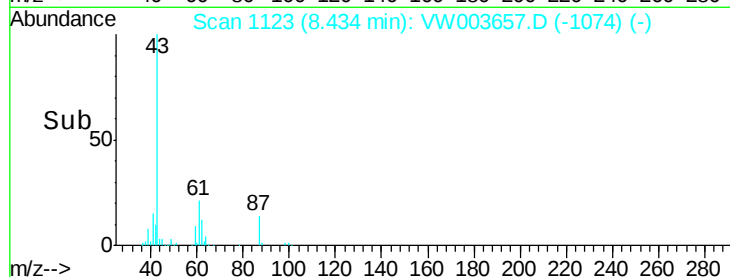
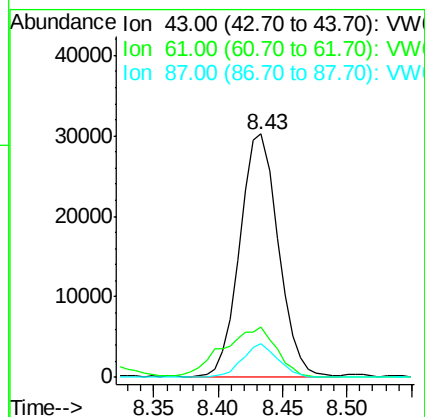
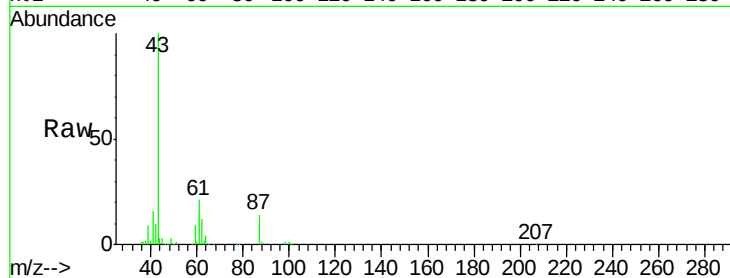
ClientSampleId :

VW0629SBS01

Tot Ion:	43	Resp:	62590
Ion	Ratio	Lower	Upper
43	100		
61	29.0	23.1	34.7
87	12.5	9.8	14.6

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#44

Trichloroethene

Concen: 22.39 ug/l

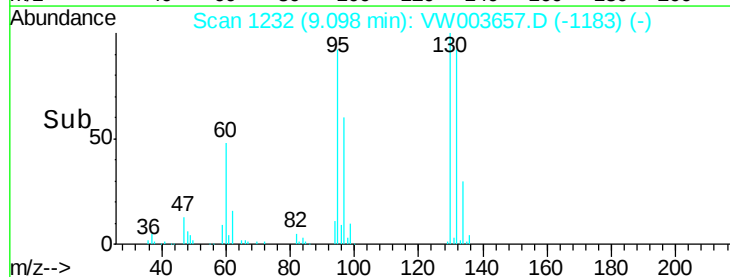
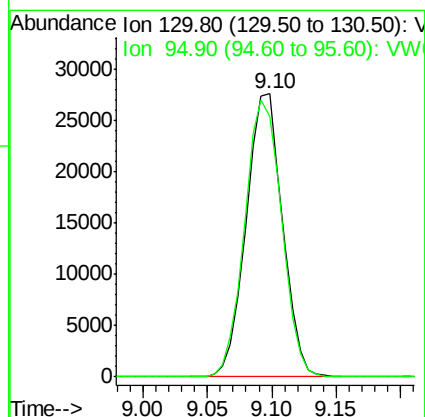
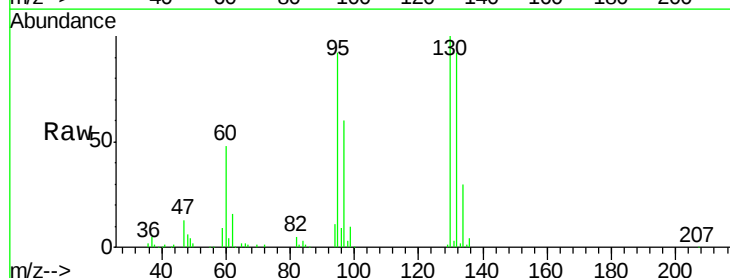
RT: 9.10 min Scan# 1232

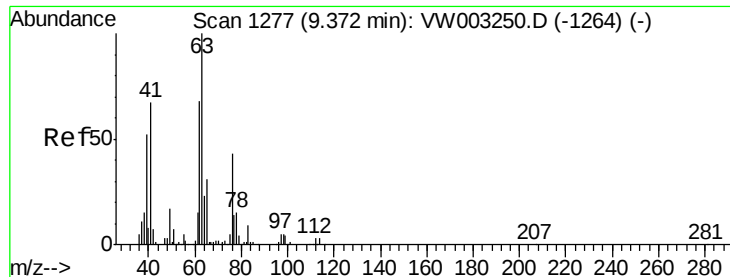
Delta R.T. 0.00 min

Lab File: VW003657.D

Acq: 29 Jun 2018 13:49

Tgt Ion:	130	Resp:	53688
Ion	Ratio	Lower	Upper
130	100		
95	92.0	0.0	198.0





#45

1,2-Dichloropropane

Concen: 23.41 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VW003657.D

Acq: 29 Jun 2018 13:49

Instrument :

MSVOA_W

ClientSampleId :

VW0629SBS01

Tot Ion: 63 Resp: 53932

Ion Ratio Lower Upper

63 100

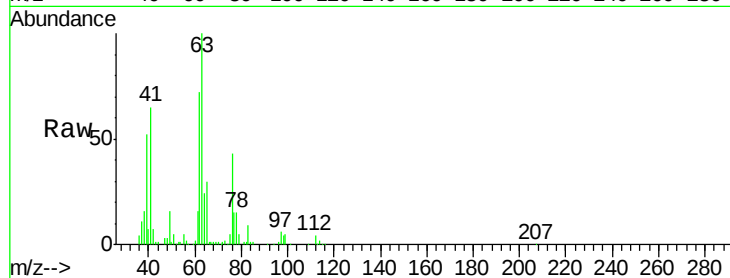
65 30.5 25.1 37.7

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Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW

9.37

30000

25000

20000

15000

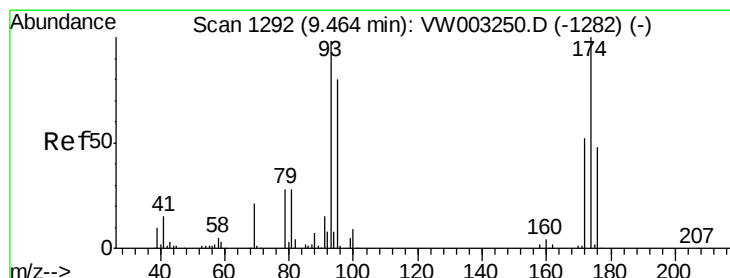
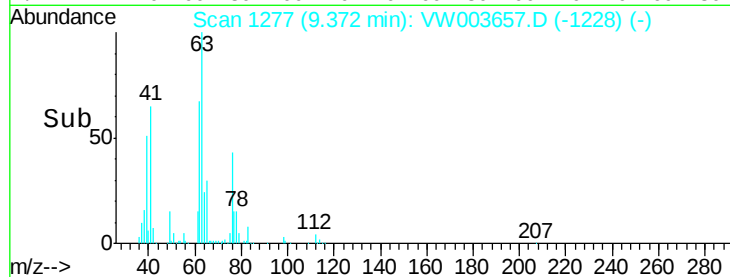
10000

5000

0

9.30 9.40 9.50

Time-->



#46

Dibromomethane

Concen: 22.91 ug/l

RT: 9.46 min Scan# 1292

Delta R.T. 0.00 min

Lab File: VW003657.D

Acq: 29 Jun 2018 13:49

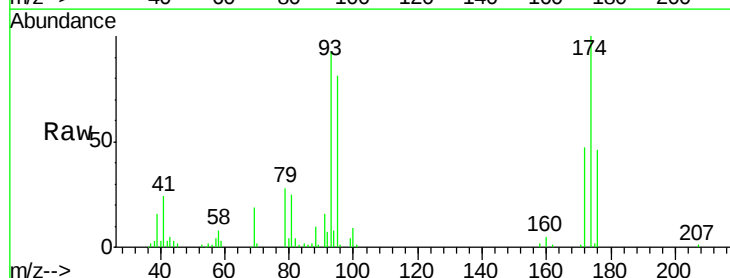
Tgt Ion: 93 Resp: 27018

Ion Ratio Lower Upper

93 100

95 84.9 65.8 98.8

174 100.3 81.4 122.0



Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V

9.46

20000

15000

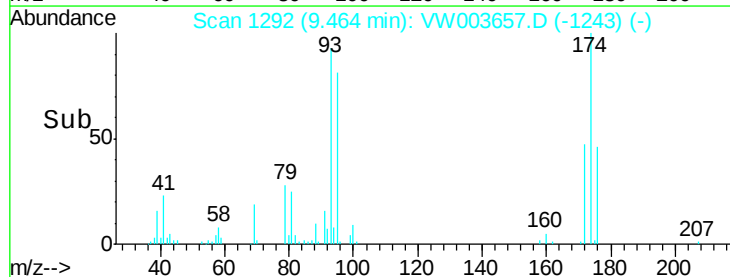
10000

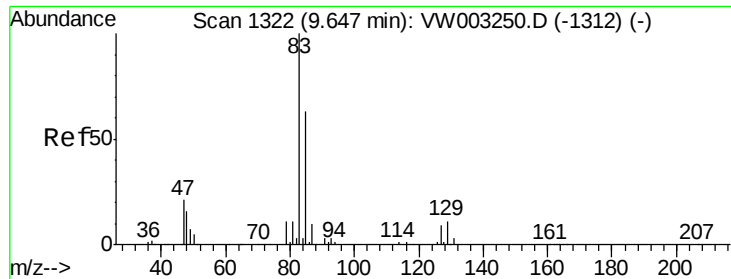
5000

0

9.40 9.45 9.50 9.55

Time-->





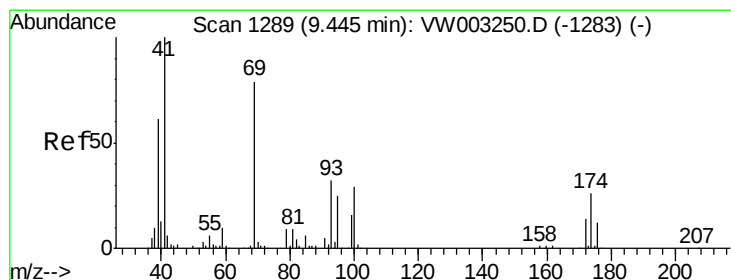
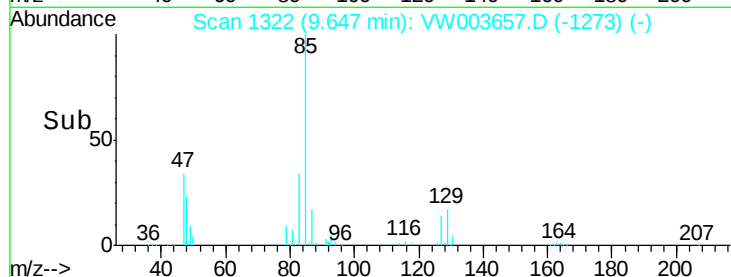
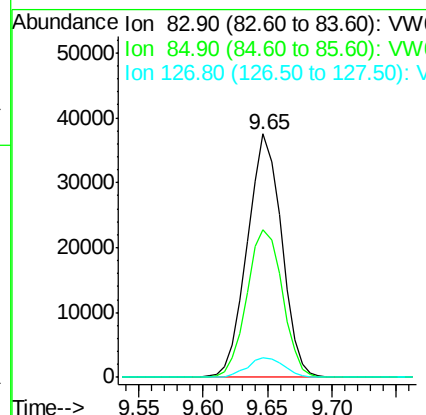
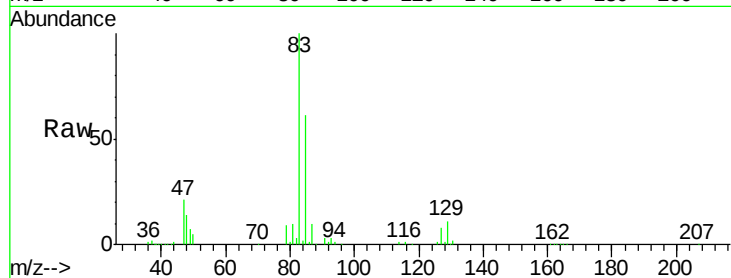
#47
Bromodichloromethane
Concen: 22.83 ug/l
RT: 9.65 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VW003657.D
Acq: 29 Jun 2018 13:49

Instrument :
MSVOA_W
ClientSampled :
VW0629SBS01

Tot Ion	83	Resp	69013
Ion Ratio	100	Lower	Upper
83	100		
85	60.6	50.6	75.8
127	8.2	6.8	10.2

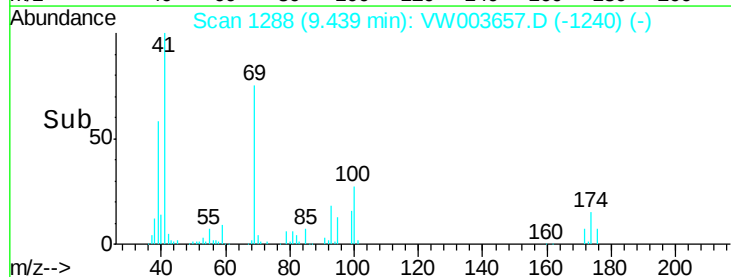
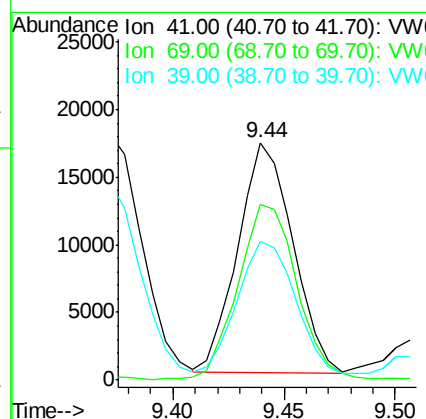
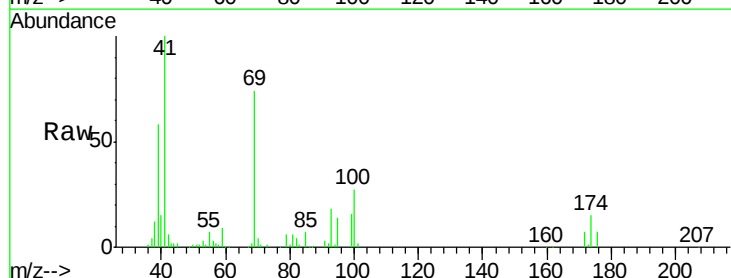
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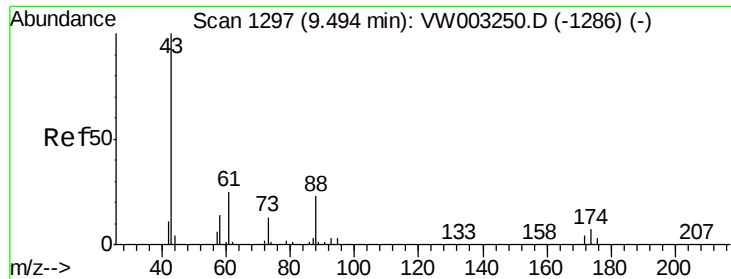
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#48
Methyl methacrylate
Concen: 22.94 ug/l
RT: 9.44 min Scan# 1288
Delta R.T. -0.01 min
Lab File: VW003657.D
Acq: 29 Jun 2018 13:49

Tgt Ion	41	Resp	29109
Ion Ratio	100	Lower	Upper
41	100		
69	81.8	65.4	98.2
39	66.9	54.2	81.2





#49

1,4-Dioxane

Concen: 415.79 ug/l

RT: 9.48 min Scan# 1294

Delta R.T. -0.02 min

Lab File: VW003657.D

Acq: 29 Jun 2018 13:49

Instrument :

MSVOA_W

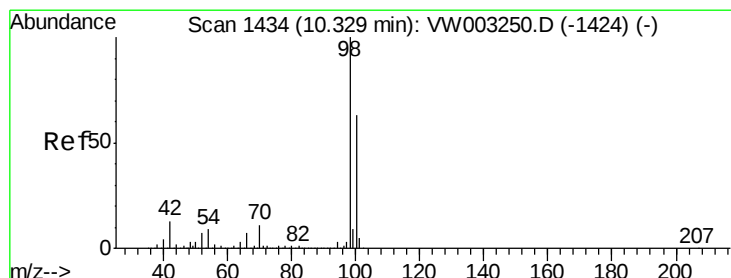
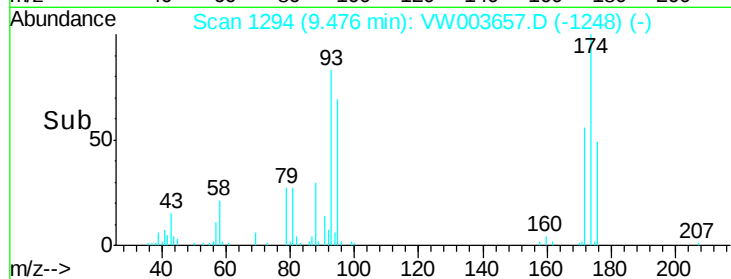
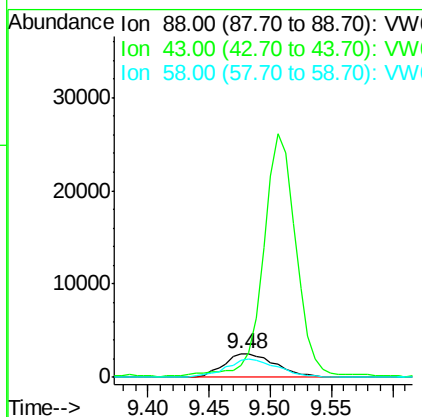
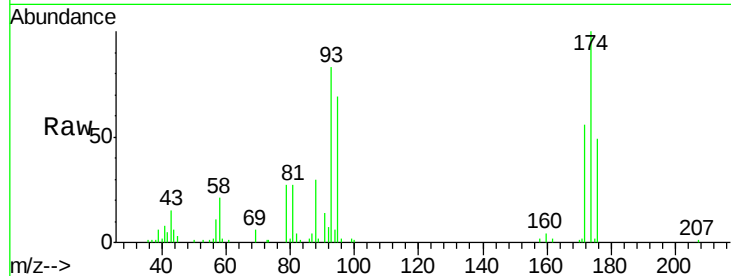
ClientSampled :

VW0629SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	454.7	682.1#
58	76.7	58.6	88.0

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#50

Toluene-d8

Concen: 56.52 ug/l

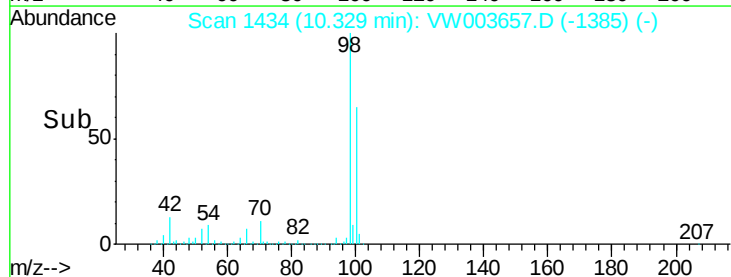
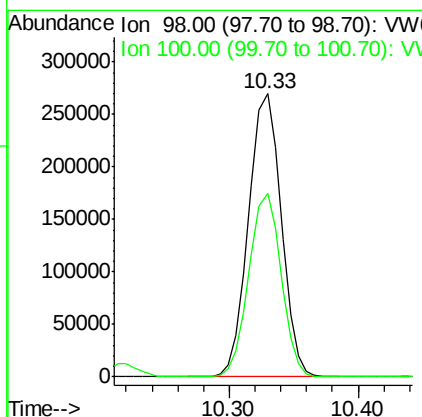
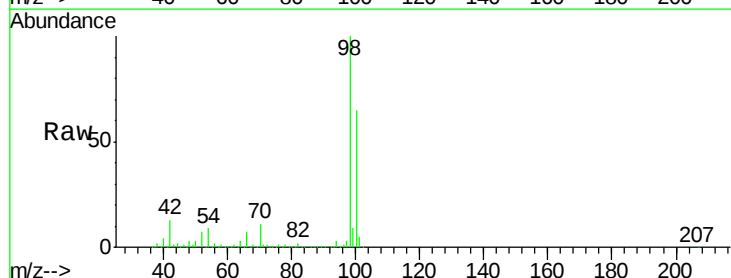
RT: 10.33 min Scan# 1434

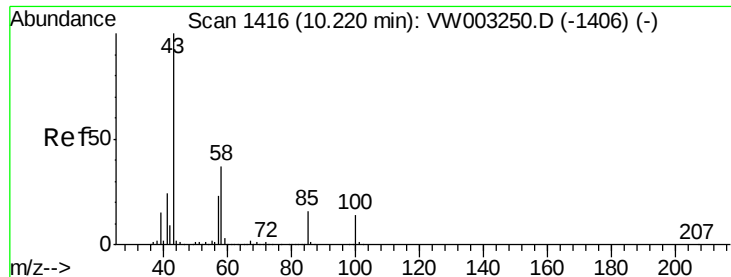
Delta R.T. 0.00 min

Lab File: VW003657.D

Acq: 29 Jun 2018 13:49

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.1	50.8	76.2





#51

4-Methyl-2-Pentanone

Concen: 120.38 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. -0.01 min

Lab File: VW003657.D

Acq: 29 Jun 2018 13:49

Instrument :

MSVOA_W

ClientSampled :

VW0629SBS01

Tot Ion: 43 Resp: 165632

Ion Ratio Lower Upper

43 100

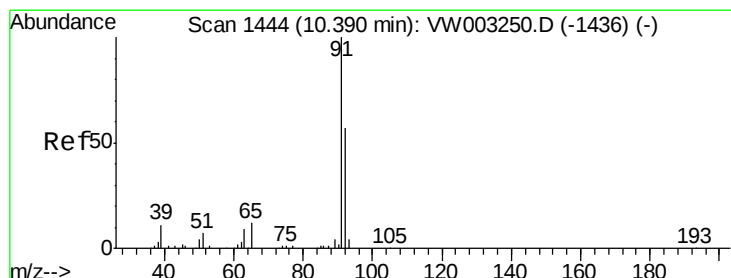
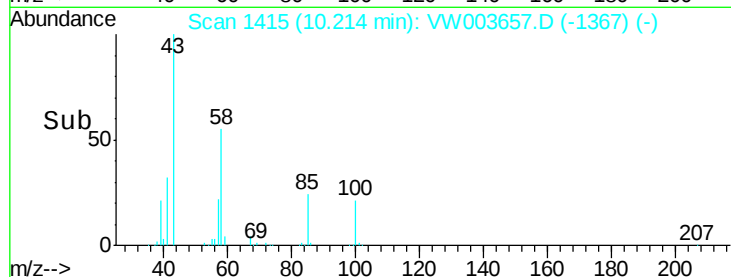
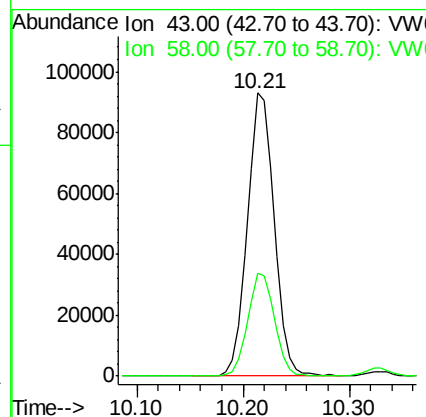
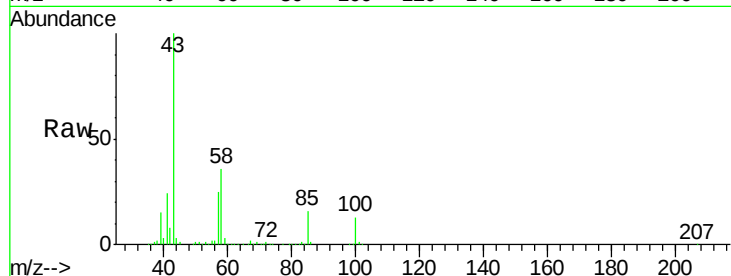
58 36.1 29.0 43.4

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#52

Toluene

Concen: 22.92 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW003657.D

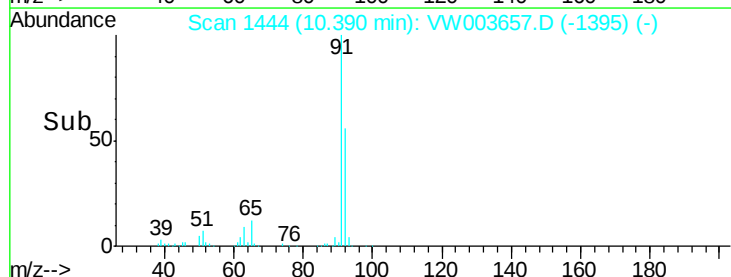
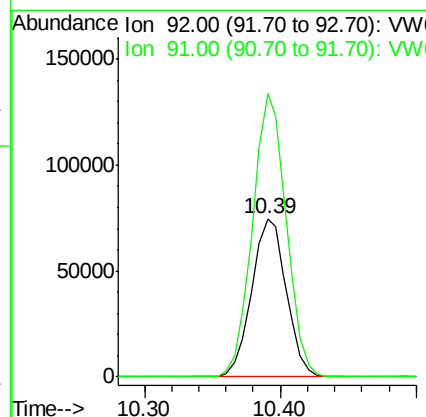
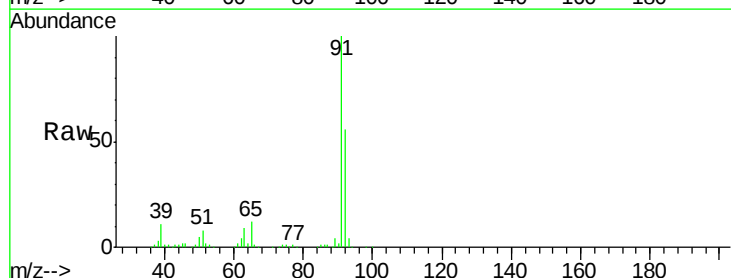
Acq: 29 Jun 2018 13:49

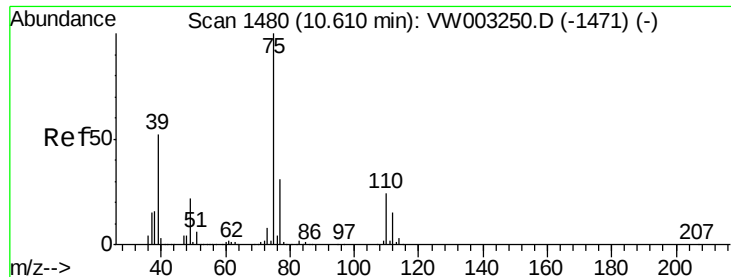
Tgt Ion: 92 Resp: 132966

Ion Ratio Lower Upper

92 100

91 174.7 141.1 211.7





#53

t-1,3-Dichloropropene

Concen: 22.51 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW003657.D

Acq: 29 Jun 2018 13:49

Instrument :

MSVOA_W

ClientSampleId :

VW0629SBS01

Tot Ion: 75 Resp: 69518

Ion Ratio Lower Upper

75 100

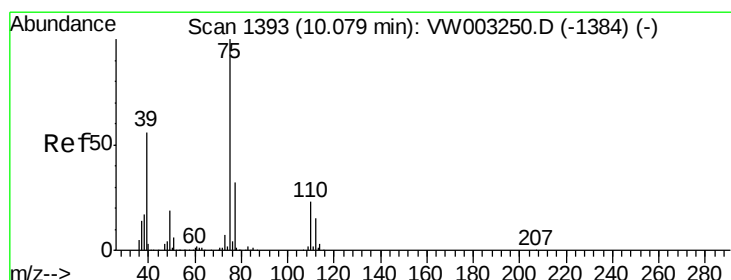
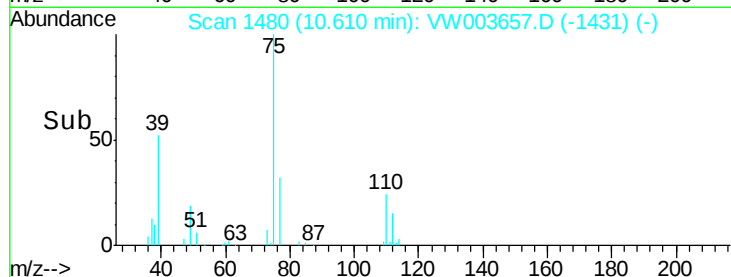
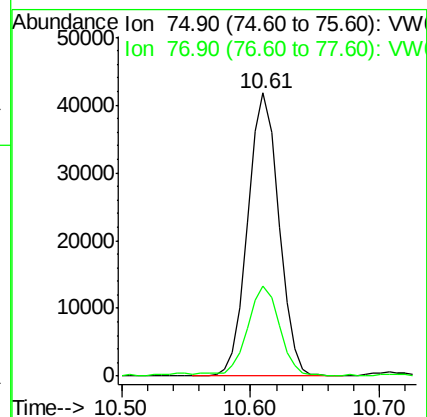
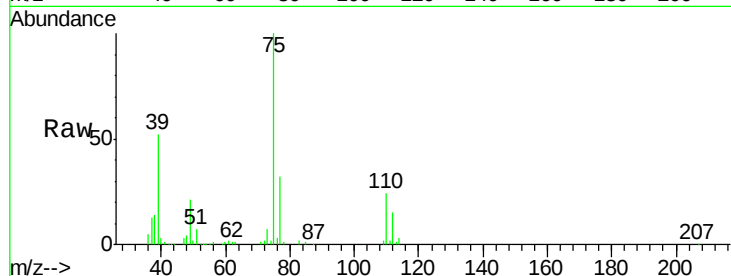
77 31.4 24.9 37.3

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#54

cis-1,3-Dichloropropene

Concen: 22.57 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VW003657.D

Acq: 29 Jun 2018 13:49

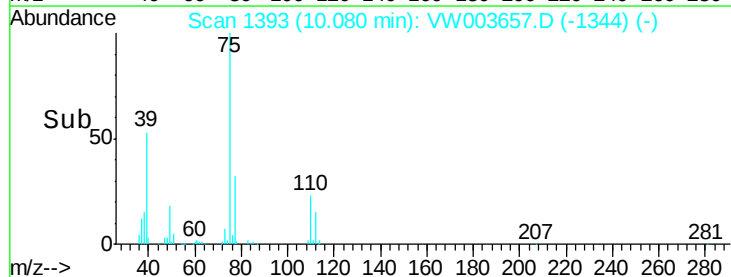
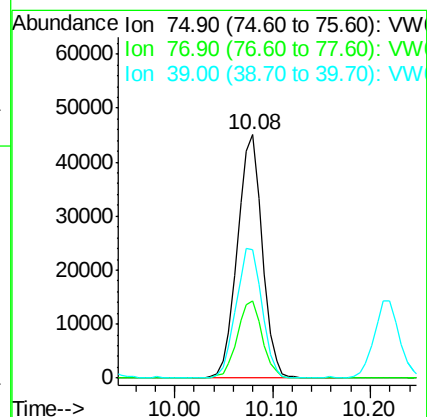
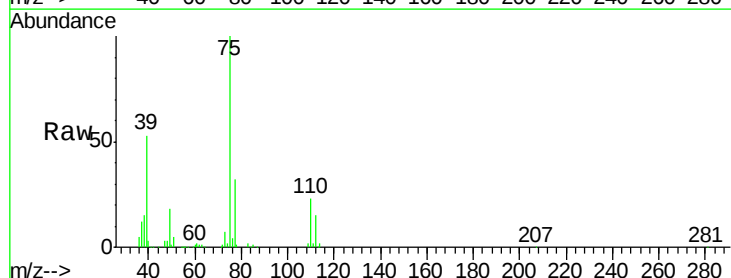
Tgt Ion: 75 Resp: 79349

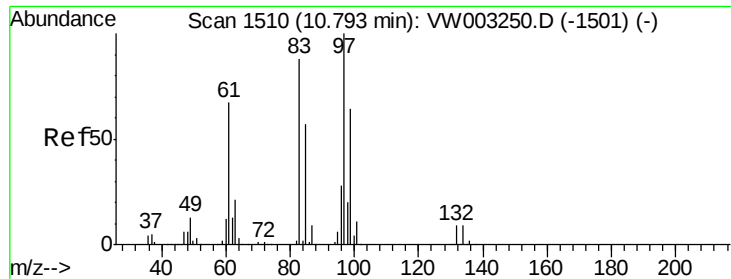
Ion Ratio Lower Upper

75 100

77 31.5 25.8 38.6

39 52.9 45.2 67.8





#55

1,1,2-Trichloroethane

Concen: 23.64 ug/l

RT: 10.79 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VW003657.D

Acq: 29 Jun 2018 13:49

Instrument :

MSVOA_W

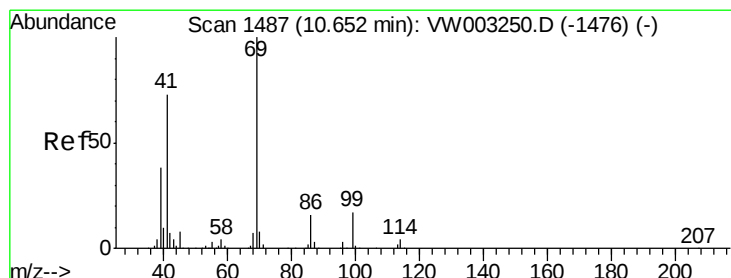
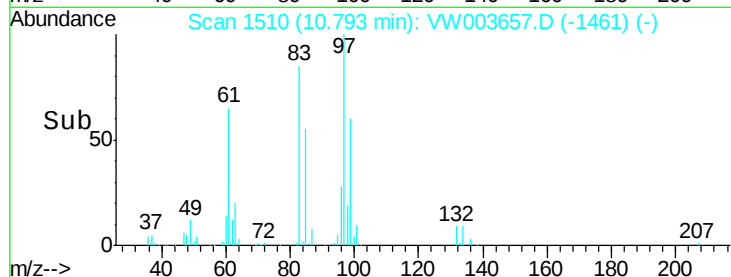
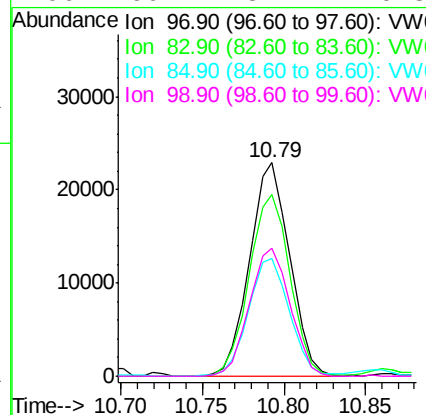
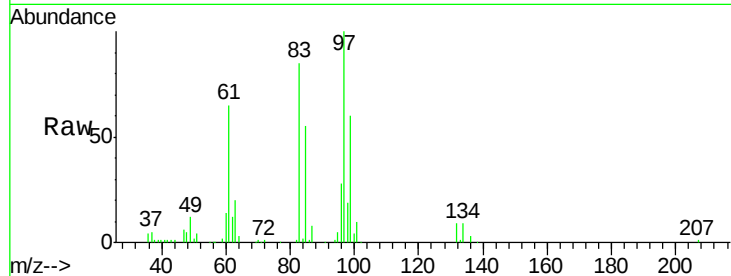
ClientSampled :

VW0629SBS01

Tot Ion:	97	Resp:	39294
Ion	Ratio	Lower	Upper
97	100		
83	85.3	70.2	105.2
85	55.0	45.6	68.4
99	60.1	51.2	76.8

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#56

Ethyl methacrylate

Concen: 22.53 ug/l

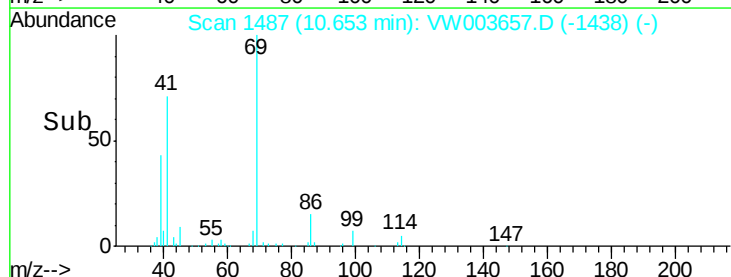
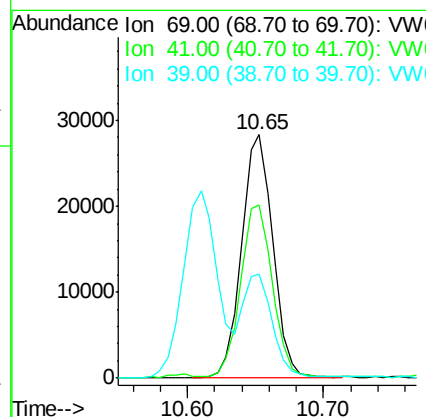
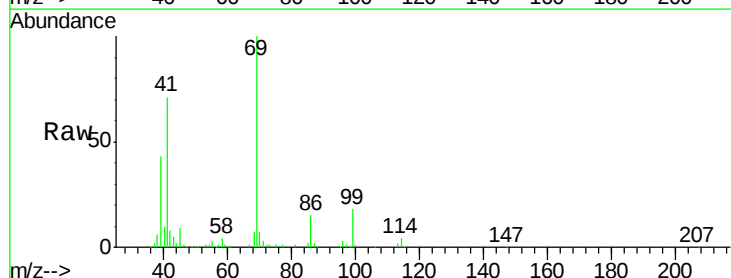
RT: 10.65 min Scan# 1487

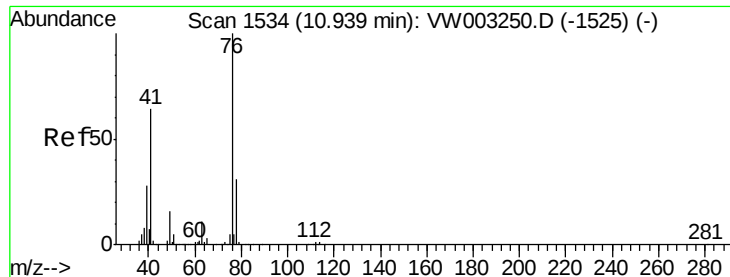
Delta R.T. 0.00 min

Lab File: VW003657.D

Acq: 29 Jun 2018 13:49

Tgt Ion:	69	Resp:	45472
Ion	Ratio	Lower	Upper
69	100		
41	71.6	57.8	86.6
39	39.3	32.7	49.1





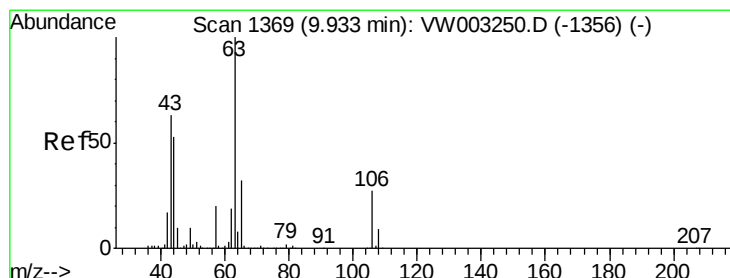
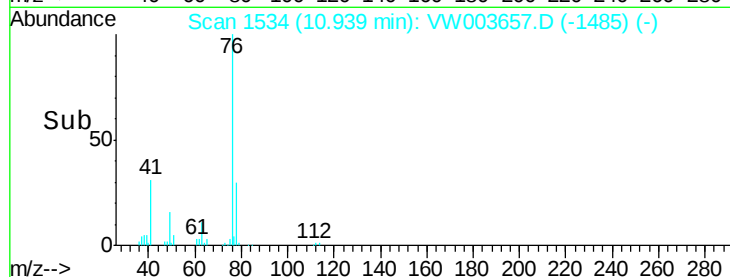
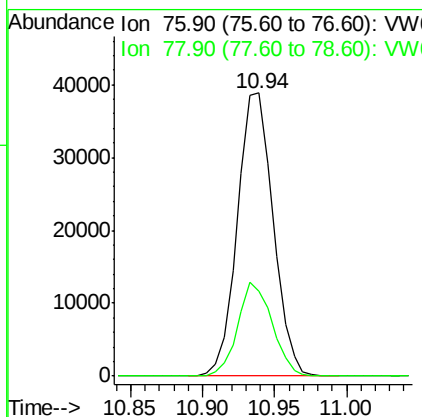
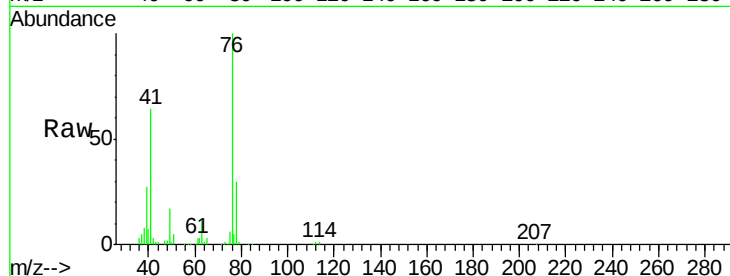
#57
 1,3-Dichloropropane
 Concen: 23.42 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VW003657.D
 Acq: 29 Jun 2018 13:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0629SBSD01

Tot Ion: 76 Resp: 67130
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.7 38.5

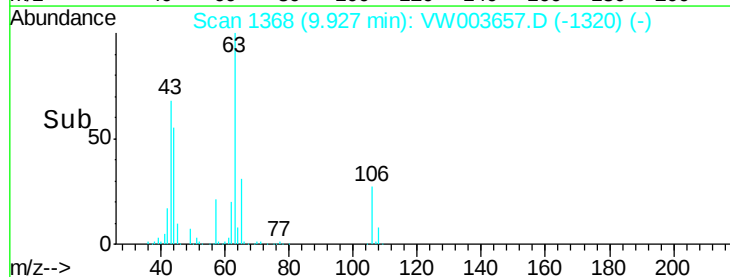
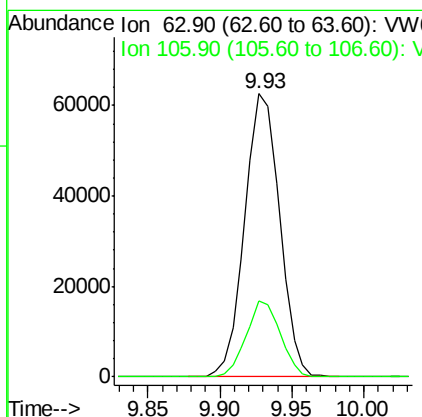
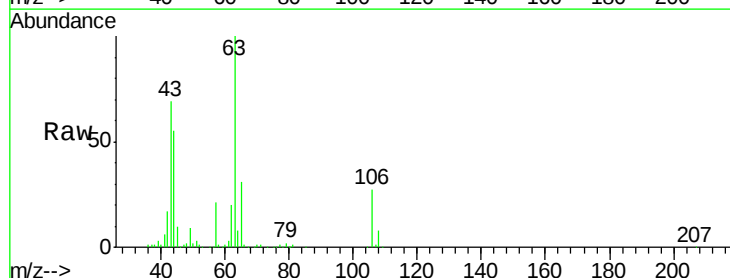
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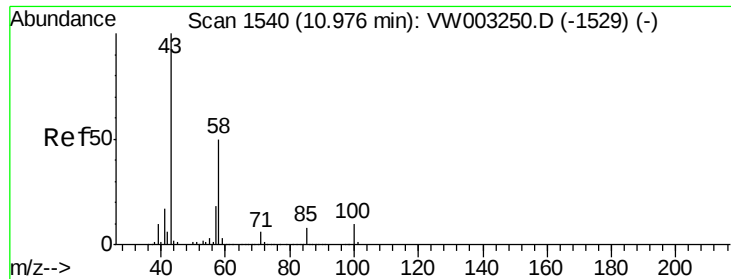
apatel
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#58
 2-Chloroethyl Vinyl ether
 Concen: 116.54 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: VW003657.D
 Acq: 29 Jun 2018 13:49

Tgt Ion: 63 Resp: 105442
 Ion Ratio Lower Upper
 63 100
 106 26.2 21.8 32.8





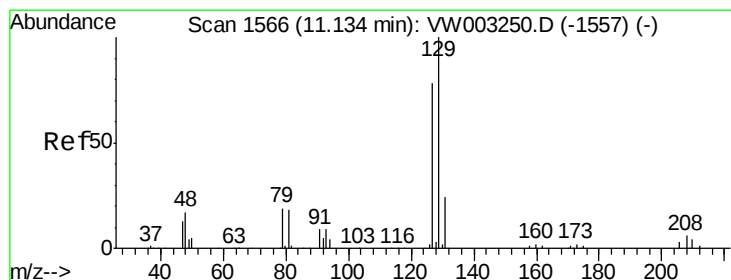
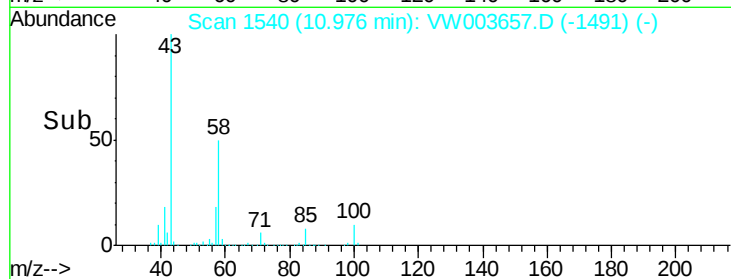
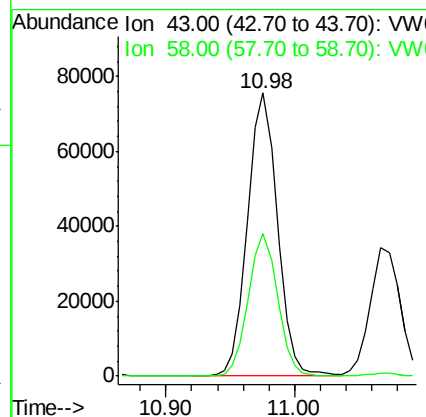
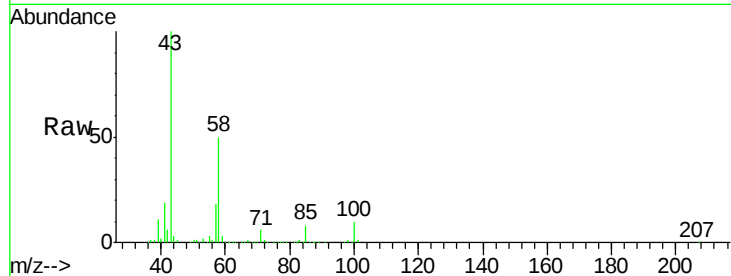
#59
2-Hexanone
Concen: 126.66 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW003657.D
Acq: 29 Jun 2018 13:49

Instrument :
MSVOA_W
ClientSampled :
VW0629SBSD01

Tot Ion: 43 Resp: 121749
Ion Ratio Lower Upper
43 100
58 49.4 25.0 75.0

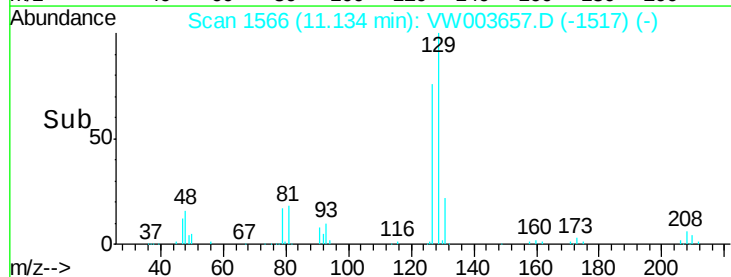
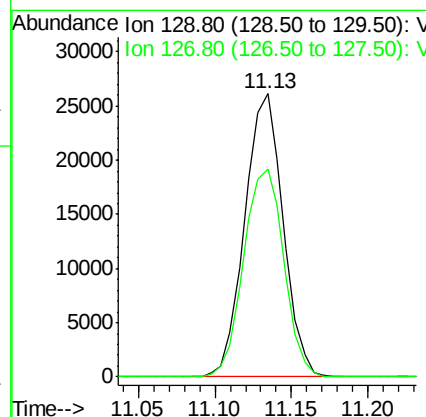
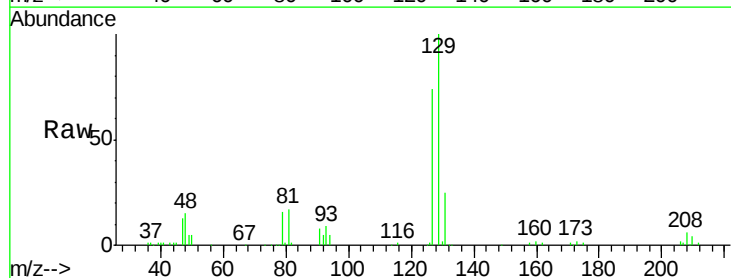
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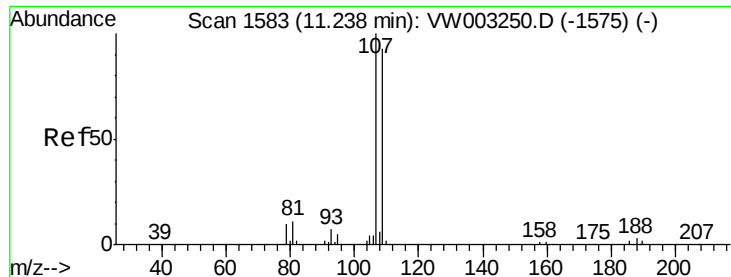
apatel
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#60
Dibromochloromethane
Concen: 22.98 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW003657.D
Acq: 29 Jun 2018 13:49

Tgt Ion: 129 Resp: 45432
Ion Ratio Lower Upper
129 100
127 76.8 39.1 117.5





#61

1,2-Dibromoethane

Concen: 22.89 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VW003657.D

Acq: 29 Jun 2018 13:49

Instrument :

MSVOA_W

ClientSampleId :

VW0629SBS01

Tot Ion: 107 Resp: 35993

Ion Ratio Lower Upper

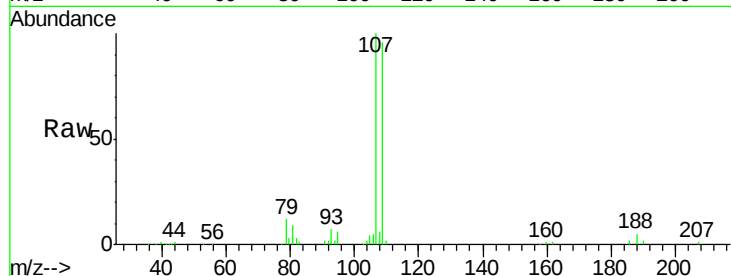
107 100

109 95.2 75.8 113.6

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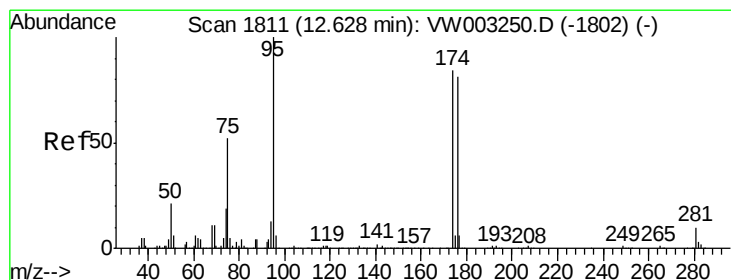
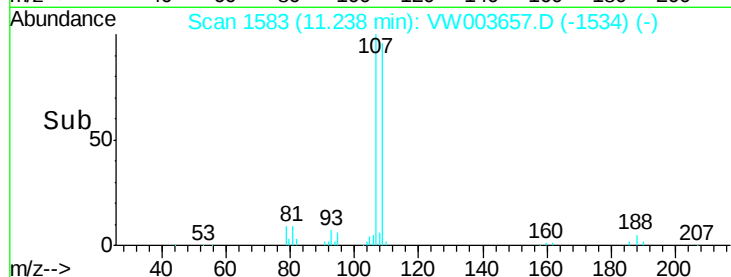
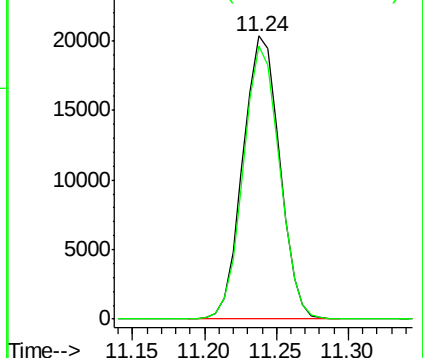
apatel

7/2/2018 10:23:31 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 58.61 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.01 min

Lab File: VW003657.D

Acq: 29 Jun 2018 13:49

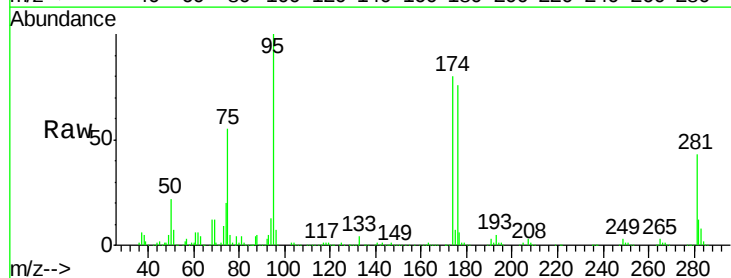
Tgt Ion: 95 Resp: 173704

Ion Ratio Lower Upper

95 100

174 82.0 0.0 166.4

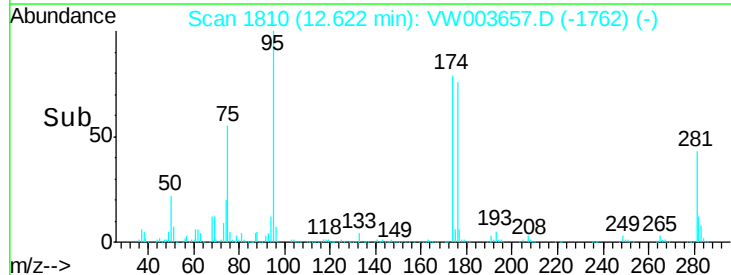
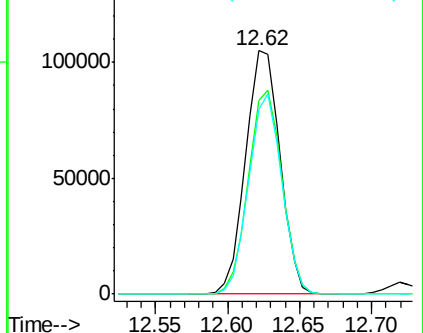
176 79.0 0.0 162.0

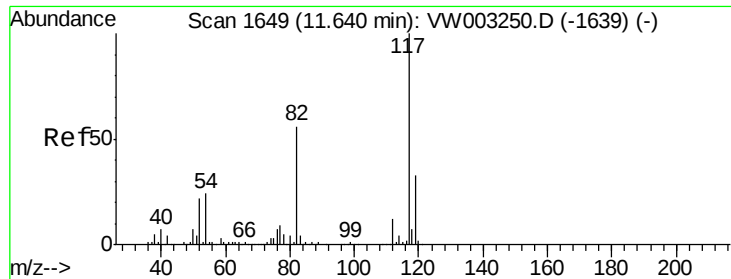


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





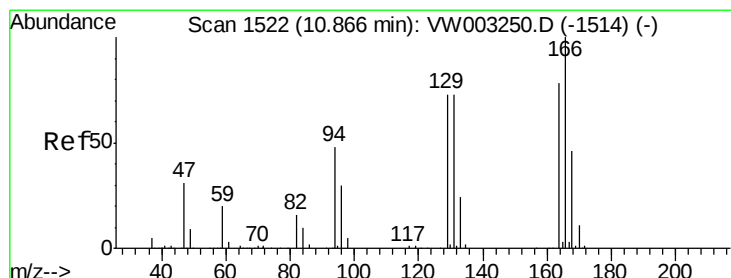
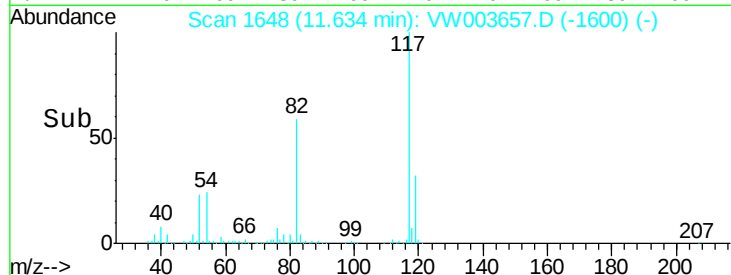
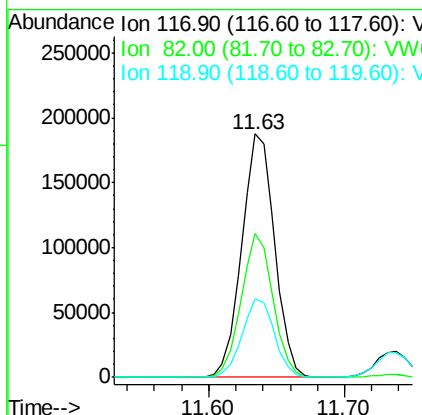
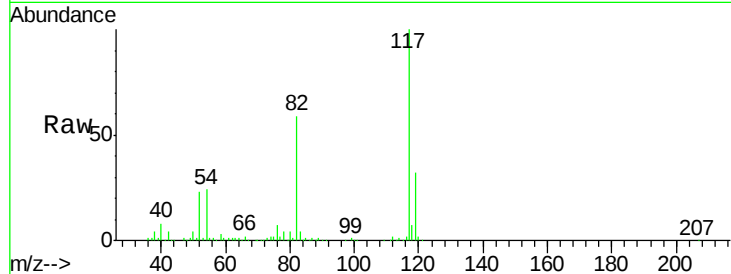
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW003657.D
Acq: 29 Jun 2018 13:49

Instrument :
MSVOA_W
ClientSampleID :
VW0629SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	315473		
82	58.8	44.6	67.0	
119	32.1	26.7	40.1	

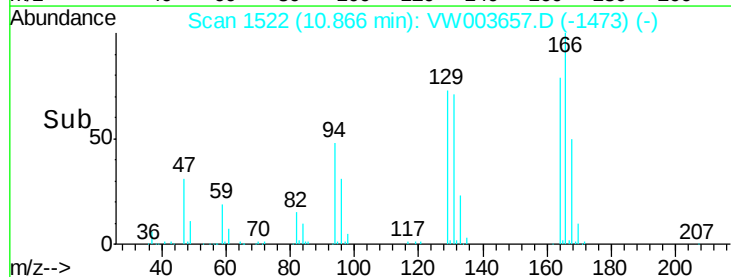
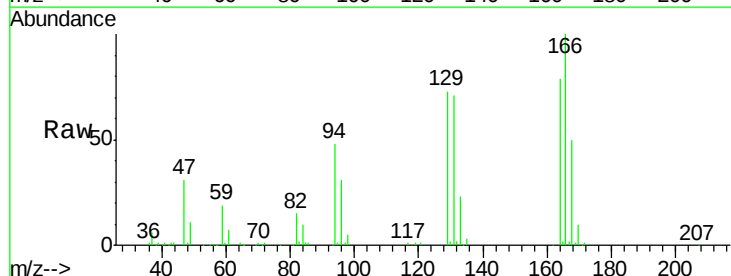
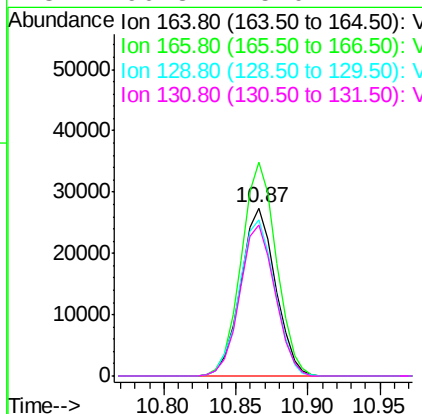
Manual Integrations
APPROVED

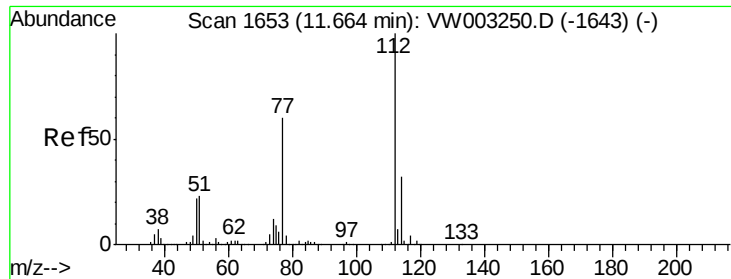
apatel
7/2/2018 10:23:31 AM



#64
Tetrachloroethene
Concen: 21.83 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003657.D
Acq: 29 Jun 2018 13:49

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	46070		
166	127.4	102.6	154.0	
129	93.0	75.2	112.8	
131	90.3	75.0	112.4	





#65

Chlorobenzene

Concen: 21.88 ug/l

RT: 11.66 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VW003657.D

Acq: 29 Jun 2018 13:49

Instrument :

MSVOA_W

ClientSampleId :

VW0629SBS01

Tot Ion:112 Resp: 143750

Ion Ratio Lower Upper

112 100

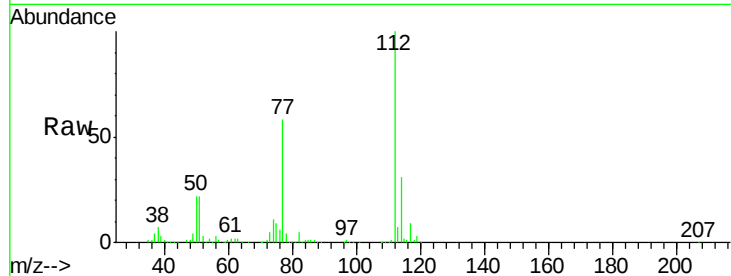
114 31.5 25.9 38.9

Manual Integrations

APPROVED

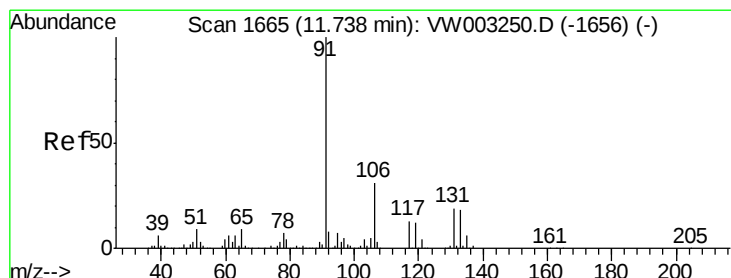
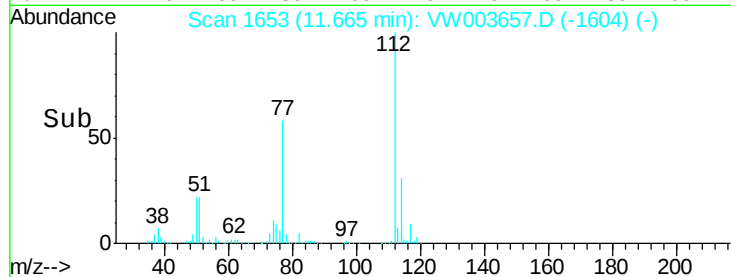
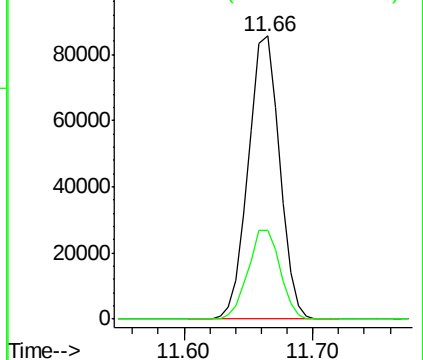
apatel

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 21.82 ug/l

RT: 11.73 min Scan# 1664

Delta R.T. -0.01 min

Lab File: VW003657.D

Acq: 29 Jun 2018 13:49

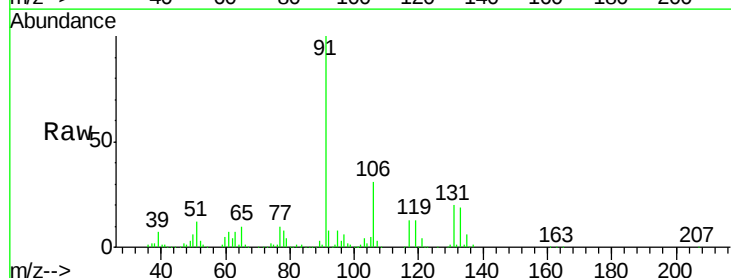
Tgt Ion:131 Resp: 50384

Ion Ratio Lower Upper

131 100

133 94.0 47.3 142.0

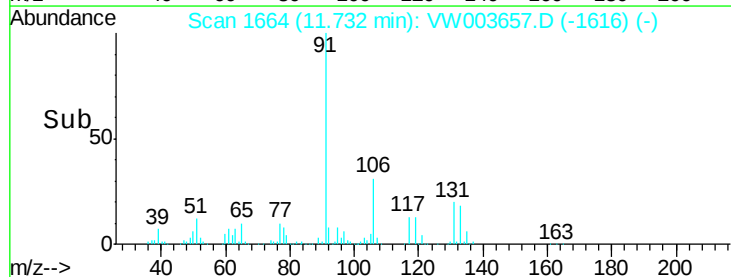
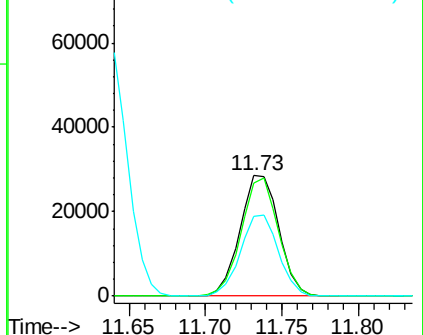
119 65.7 32.5 97.4

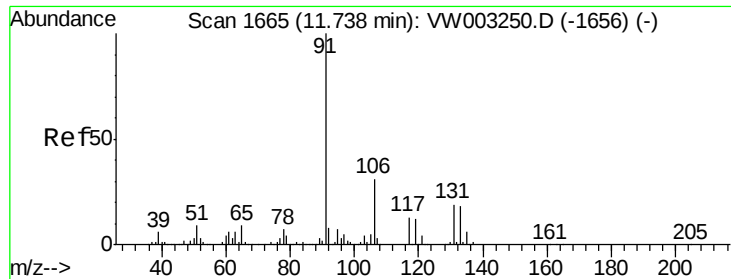


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





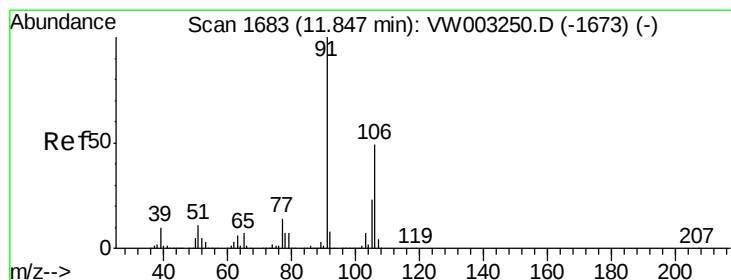
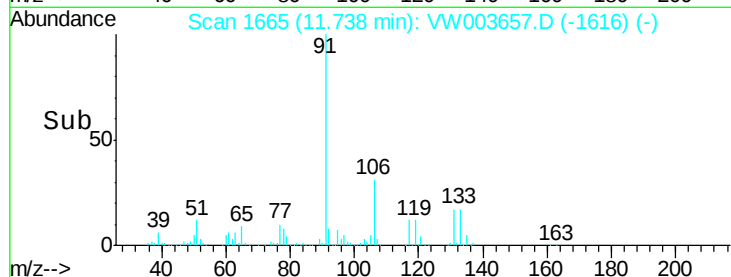
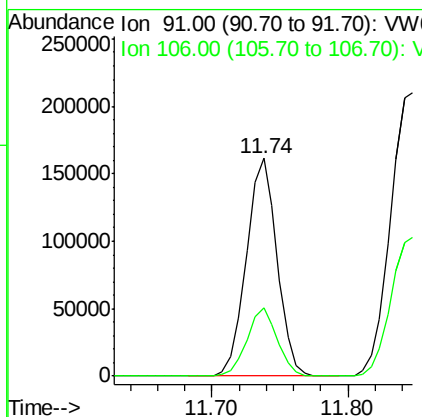
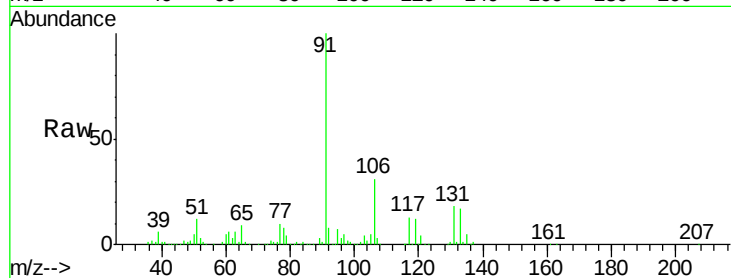
#67
Ethyl Benzene
Concen: 21.89 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003657.D
Acq: 29 Jun 2018 13:49

Instrument :
MSVOA_W
ClientSampleId :
VW0629SBS01

Tot Ion: 91 Resp: 254882
Ion Ratio Lower Upper
91 100
106 31.3 24.7 37.1

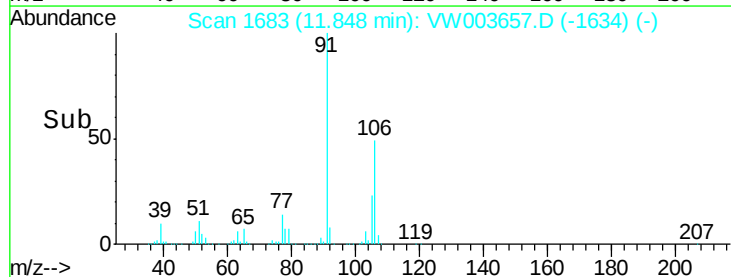
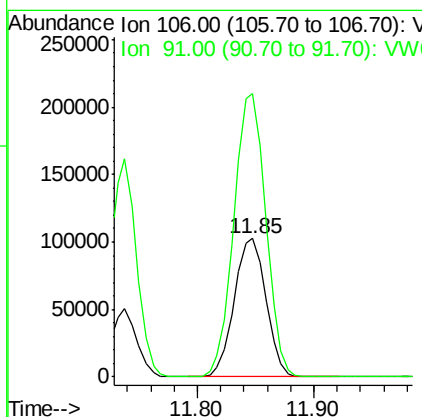
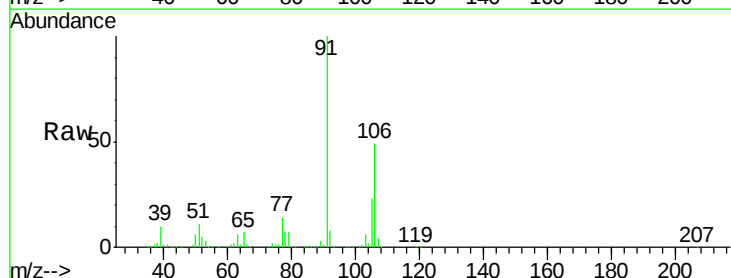
Manual Integrations
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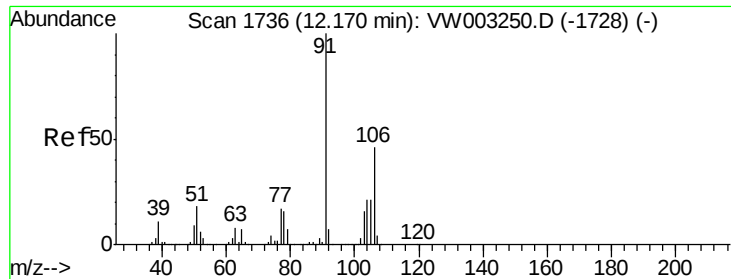
apatel
7/2/2018 10:23:31 AM



#68
m/p-Xylenes
Concen: 44.28 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW003657.D
Acq: 29 Jun 2018 13:49

Tgt Ion: 106 Resp: 196012
Ion Ratio Lower Upper
106 100
91 204.7 165.4 248.0





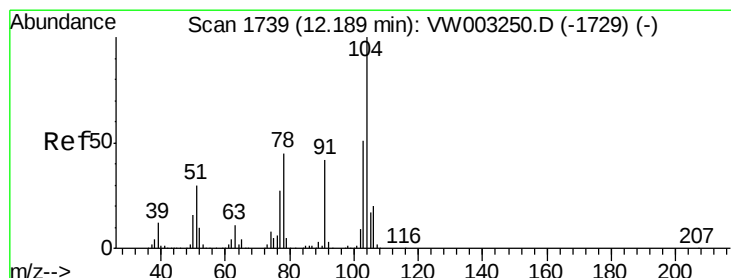
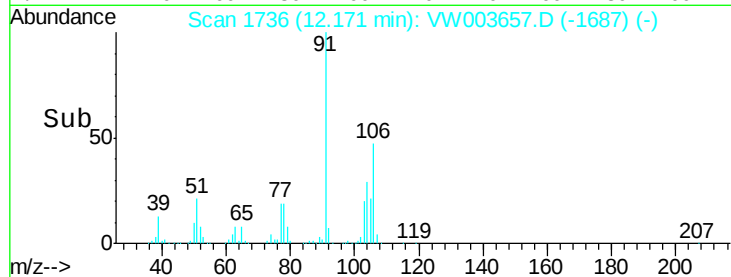
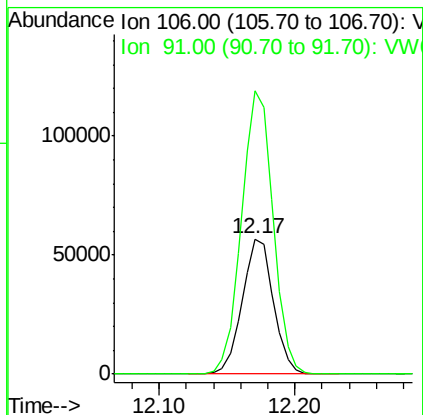
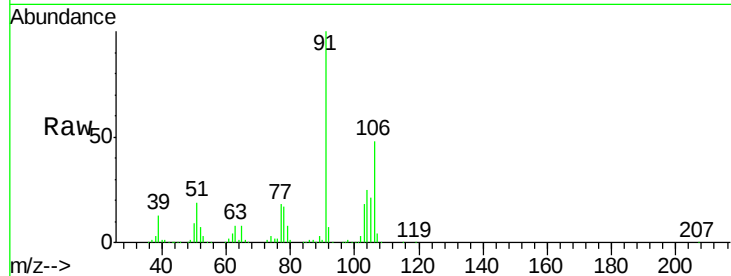
#69
o-Xylene
Concen: 22.15 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003657.D
Acq: 29 Jun 2018 13:49

Instrument :
MSVOA_W
ClientSampled :
VW0629SBS01

Tot Ion:106 Resp: 90857
Ion Ratio Lower Upper
106 100
91 212.6 108.6 325.6

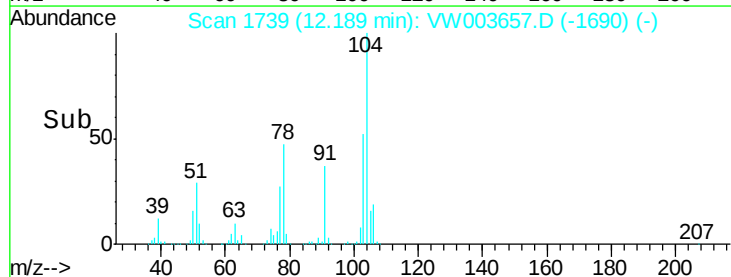
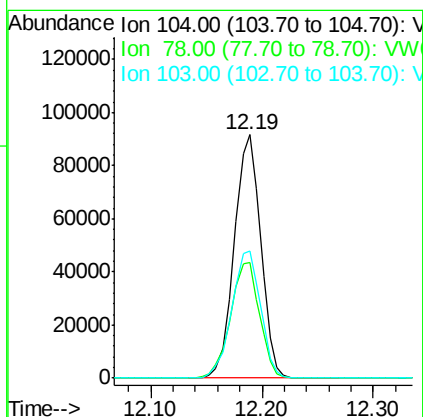
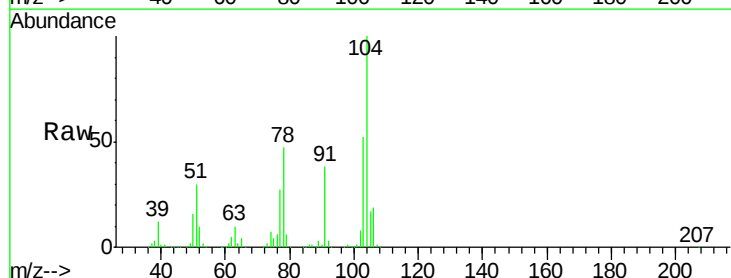
Manual Integrations
APPROVED

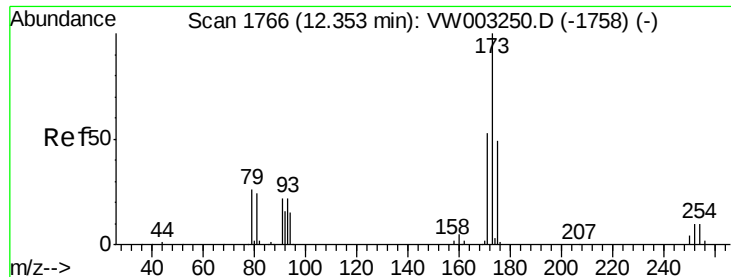
apatel
7/2/2018 10:23:31 AM



#70
Styrene
Concen: 22.11 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW003657.D
Acq: 29 Jun 2018 13:49

Tgt Ion:104 Resp: 150964
Ion Ratio Lower Upper
104 100
78 52.0 41.3 61.9
103 56.9 45.0 67.4





#71

Bromoform

Concen: 22.49 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW003657.D

Acq: 29 Jun 2018 13:49

Instrument :

MSVOA_W

ClientSampleId :

VW0629SBS01

Tot Ion:173 Resp: 26906

Ion Ratio Lower Upper

173 100

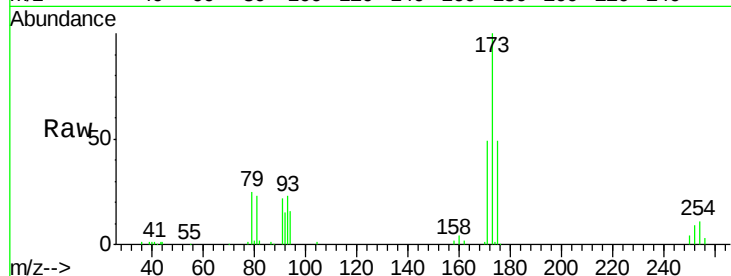
175 48.7 24.4 73.4

254 0.0 0.1 0.1#

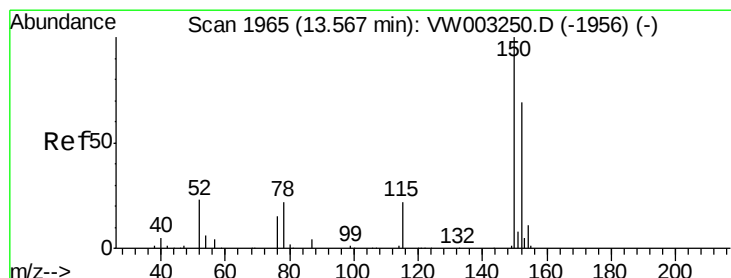
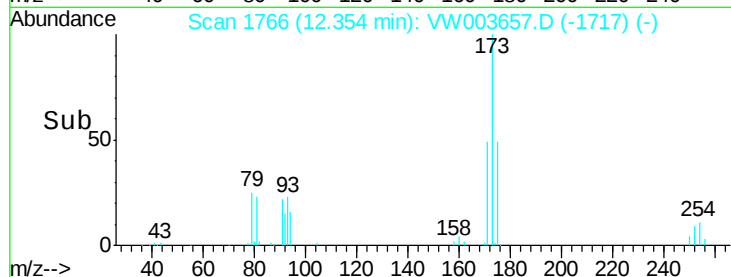
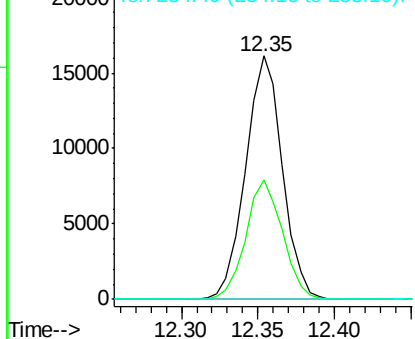
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW003657.D

Acq: 29 Jun 2018 13:49

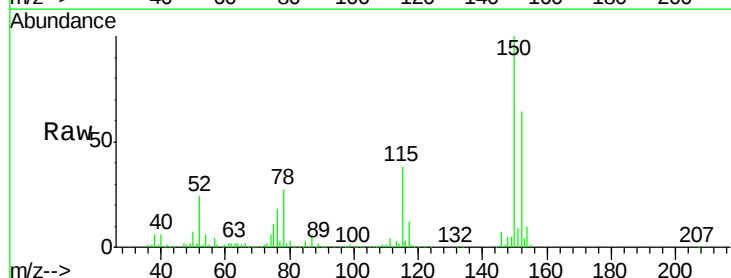
Tgt Ion:152 Resp: 170936

Ion Ratio Lower Upper

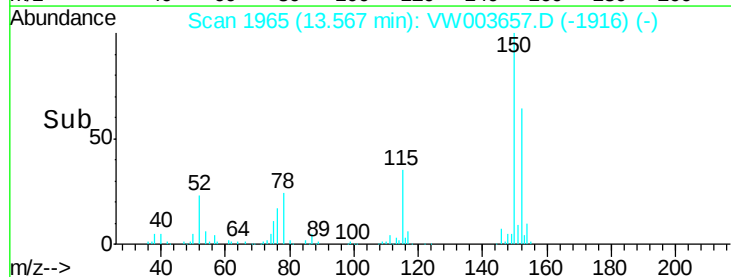
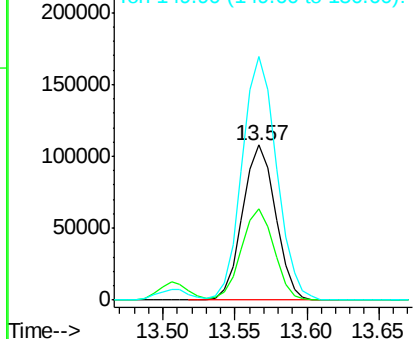
152 100

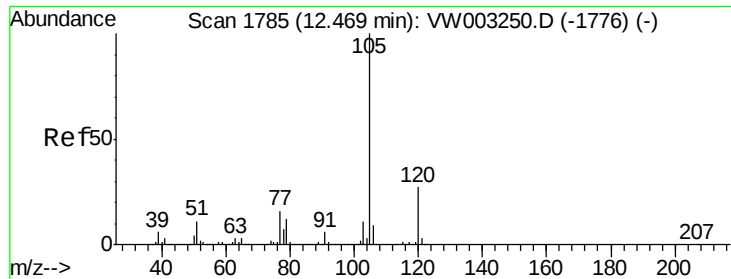
115 58.6 29.3 88.0

150 164.5 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





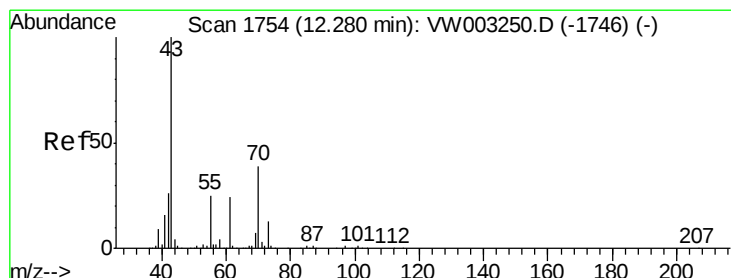
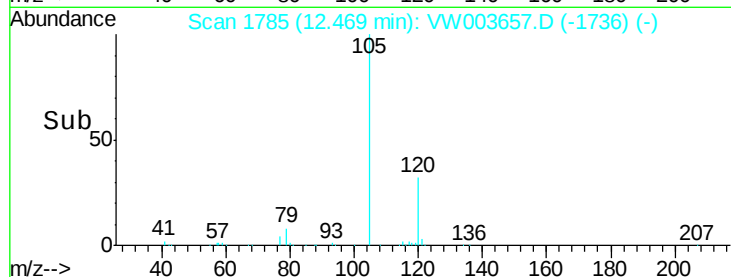
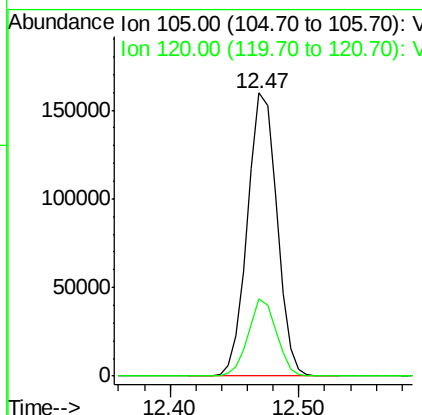
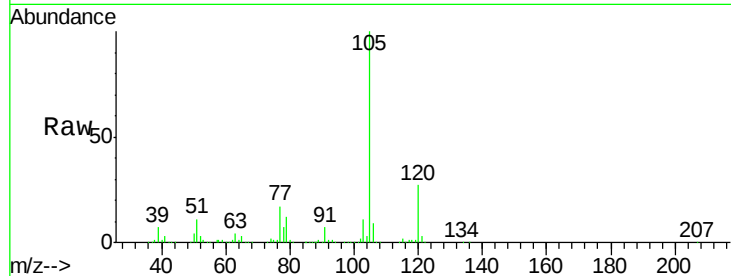
#73
Isopropylbenzene
Concen: 21.17 ug/l
RT: 12.47 min Scan# 1785
Delta R.T. 0.00 min
Lab File: VW003657.D
Acq: 29 Jun 2018 13:49

Instrument :
MSVOA_W
ClientSampled :
VW0629SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.1	13.2	39.6

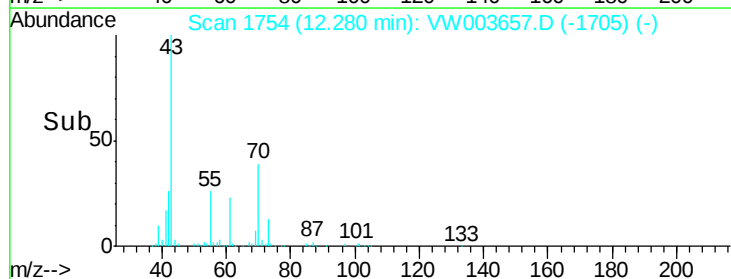
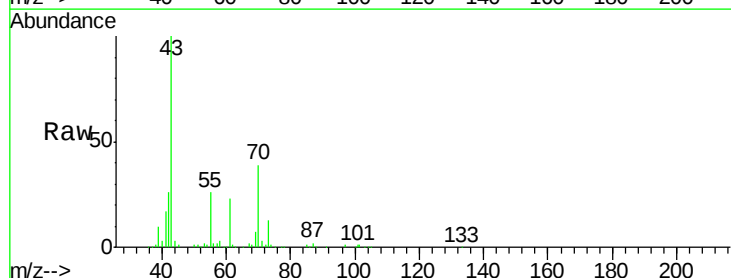
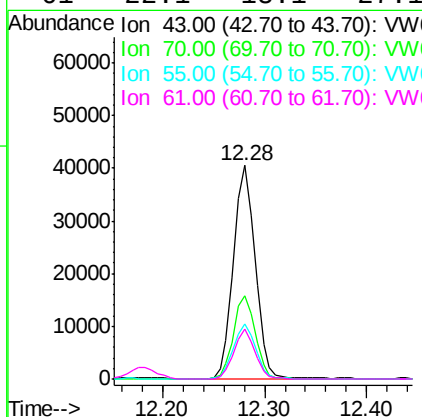
Manual Integrations
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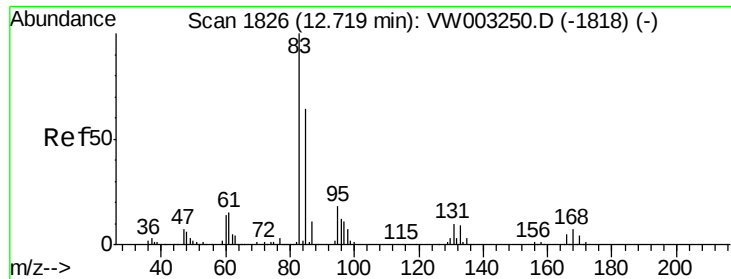
apatel
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#74
N-ethyl acetate
Concen: 22.25 ug/l
RT: 12.28 min Scan# 1754
Delta R.T. 0.00 min
Lab File: VW003657.D
Acq: 29 Jun 2018 13:49

Tgt Ion	Ratio	Lower	Upper
43	100		
70	39.0	31.0	46.6
55	26.4	19.7	29.5
61	22.1	18.1	27.1





#75

1,1,2,2-Tetrachloroethane

Concen: 23.40 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW003657.D

Acq: 29 Jun 2018 13:49

Instrument :

MSVOA_W

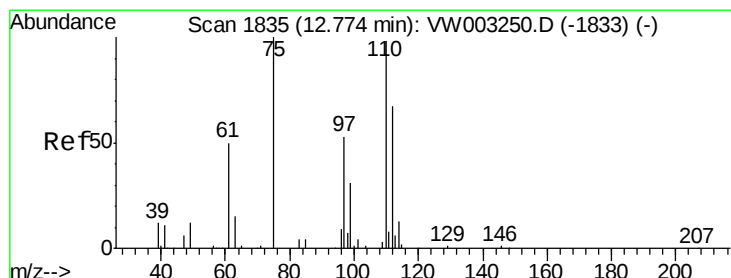
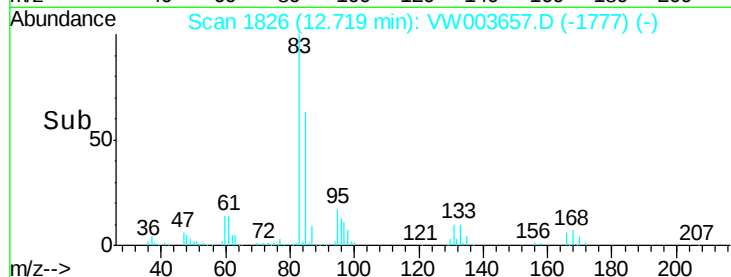
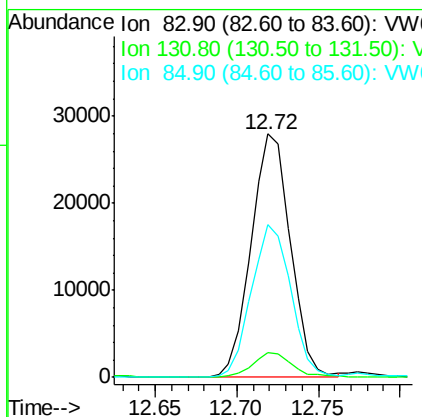
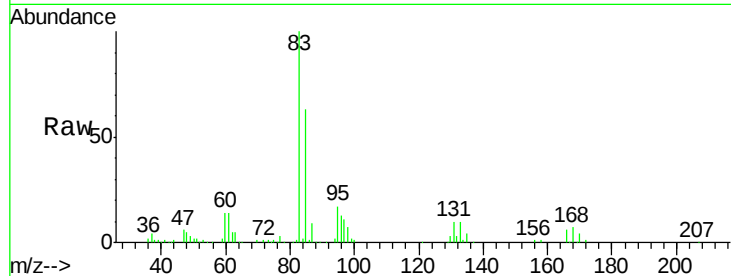
ClientSampled :

VW0629SBSD01

Tot Ion:	83	Resp:	47058
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.4	16.2
85	63.1	31.9	95.7

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 21.66 ug/l m

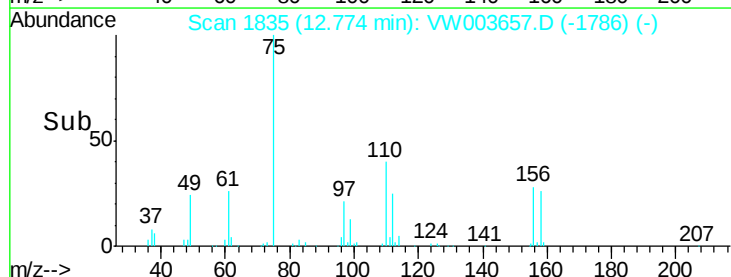
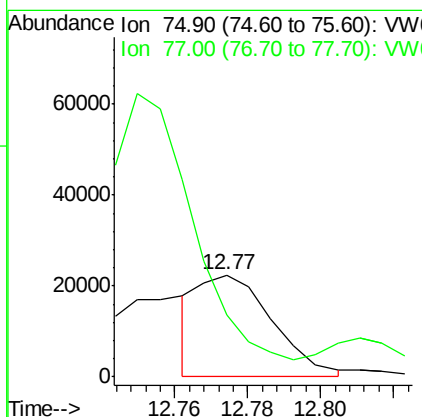
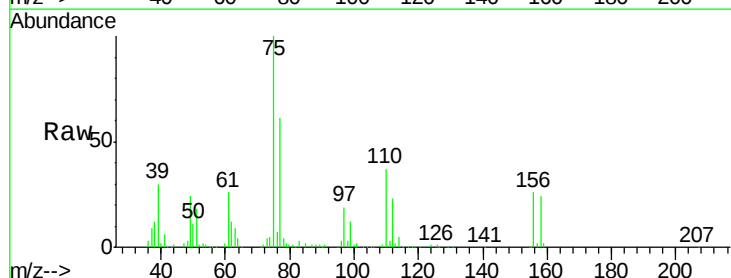
RT: 12.77 min Scan# 1835

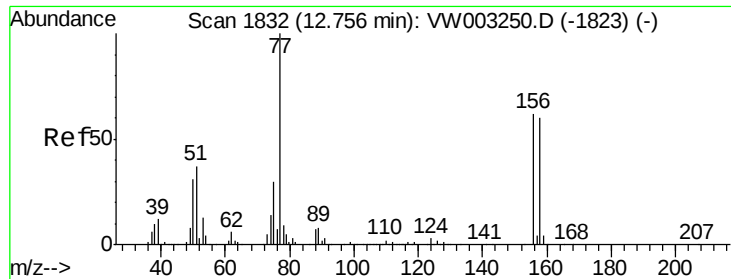
Delta R.T. 0.00 min

Lab File: VW003657.D

Acq: 29 Jun 2018 13:49

Tgt Ion:	75	Resp:	31651
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.63 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VW003657.D

Acq: 29 Jun 2018 13:49

Instrument :

MSVOA_W

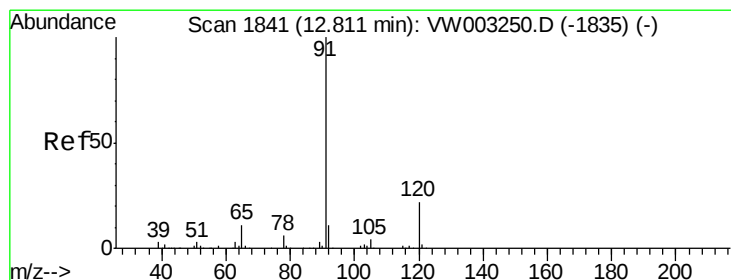
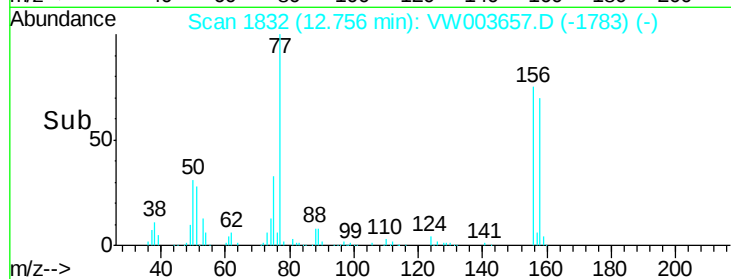
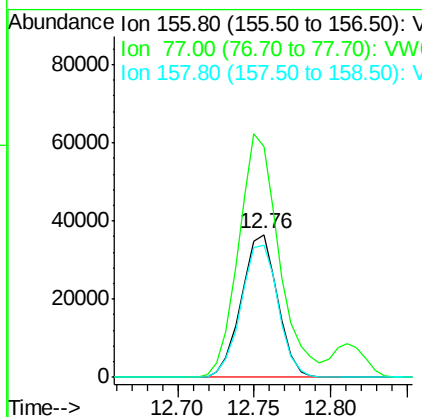
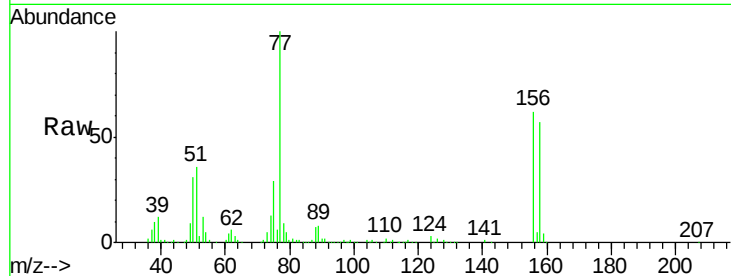
ClientSampleId :

VW0629SBSD01

Tot Ion:	156	Resp:	59904
Ion	Ratio	Lower	Upper
156	100		
77	190.5	92.3	276.9
158	95.3	47.5	142.6

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#78

n-propylbenzene

Concen: 21.87 ug/l

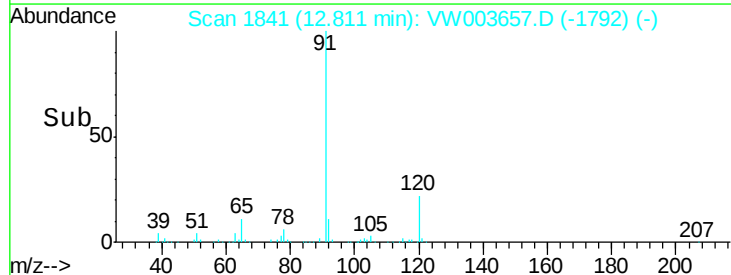
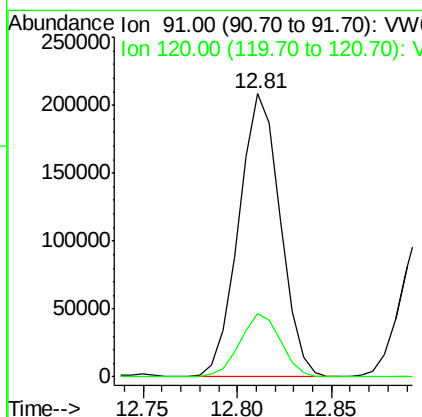
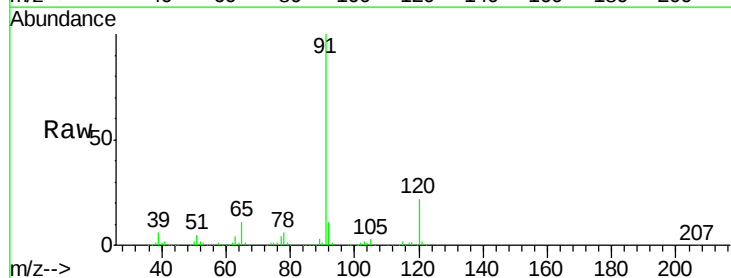
RT: 12.81 min Scan# 1841

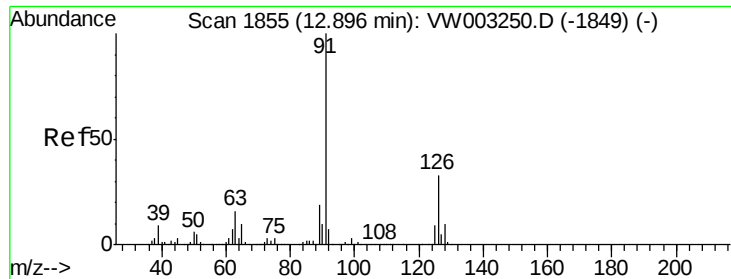
Delta R.T. 0.00 min

Lab File: VW003657.D

Acq: 29 Jun 2018 13:49

Tgt Ion:	91	Resp:	318324
Ion	Ratio	Lower	Upper
91	100		
120	22.0	11.3	33.8





#79

2-Chlorotoluene

Concen: 21.71 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW003657.D

Acq: 29 Jun 2018 13:49

Instrument :

MSVOA_W

ClientSampled :

VW0629SBS01

Tot Ion: 91 Resp: 178608

Ion Ratio Lower Upper

91 100

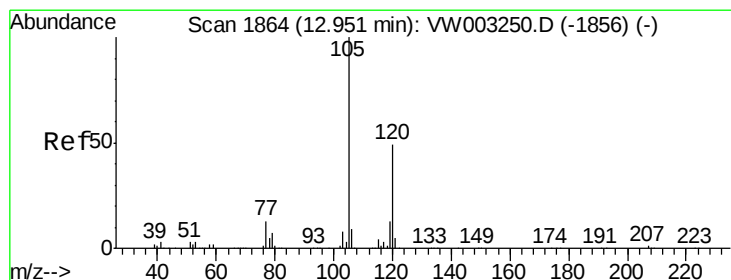
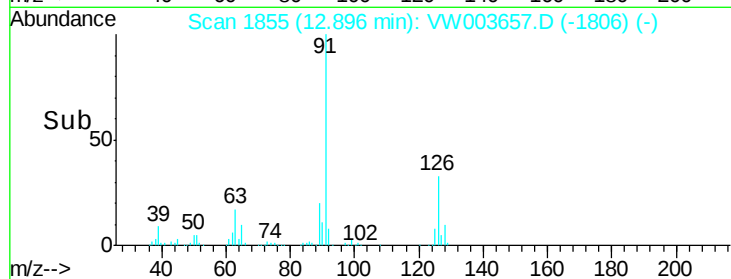
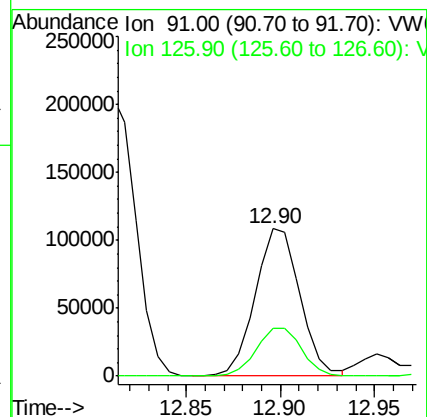
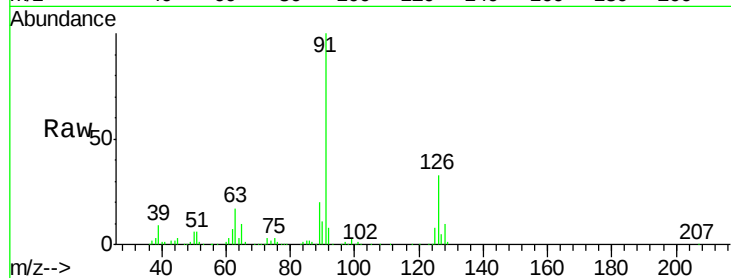
126 33.2 16.8 50.4

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#80

1,3,5-Trimethylbenzene

Concen: 21.86 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW003657.D

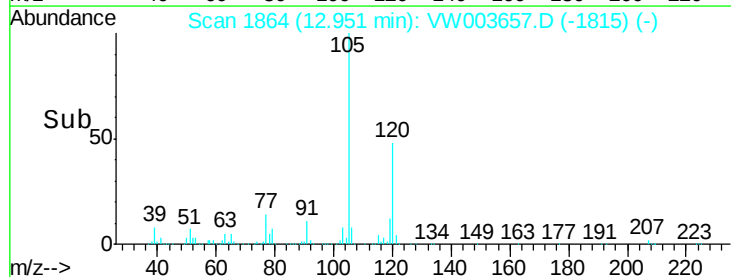
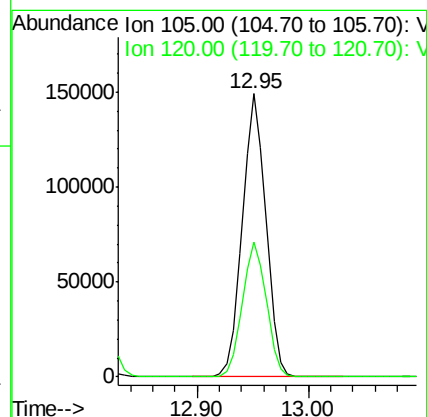
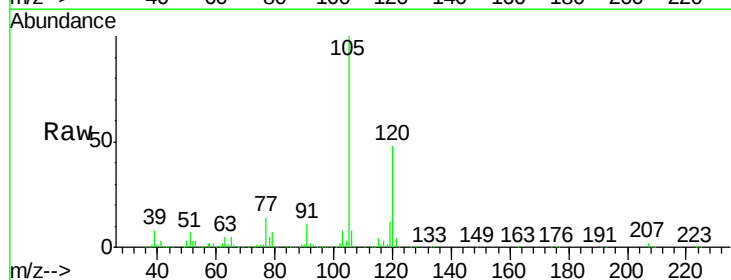
Acq: 29 Jun 2018 13:49

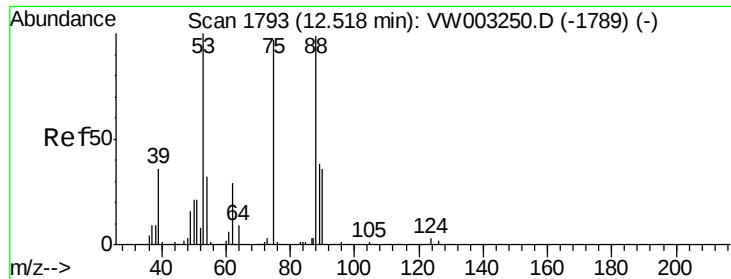
Tgt Ion:105 Resp: 218141

Ion Ratio Lower Upper

105 100

120 48.7 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 21.58 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VW003657.D

Acq: 29 Jun 2018 13:49

Instrument :

MSVOA_W

ClientSampleId :

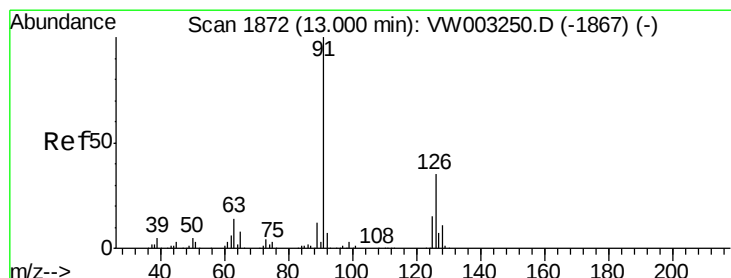
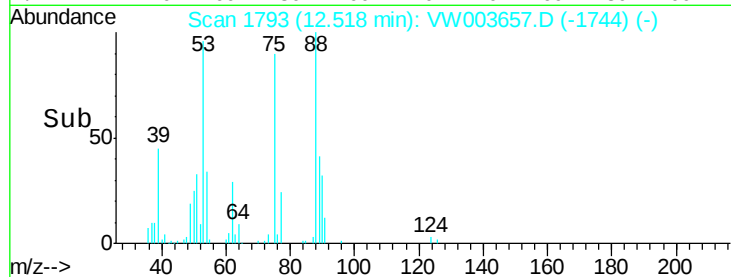
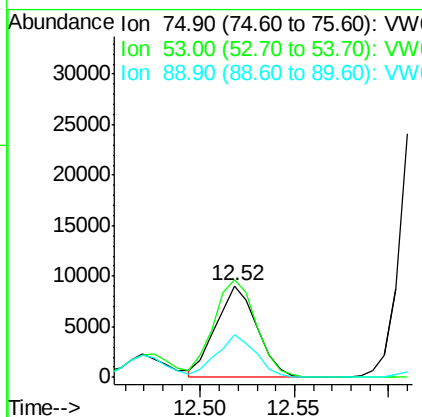
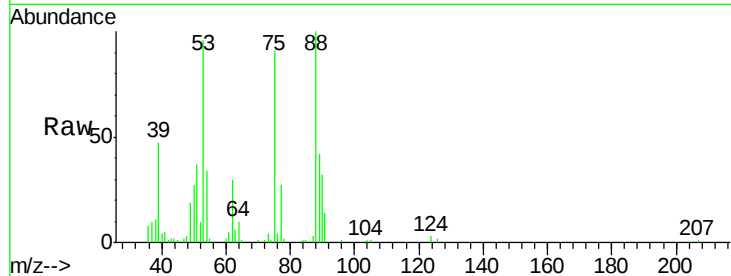
VW0629SBSD01

Tot Ion:	75	Resp:	13706
Ion	Ratio	Lower	Upper
75	100		
53	110.7	82.9	124.3
89	44.3	36.7	55.1

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#82

4-Chlorotoluene

Concen: 21.56 ug/l

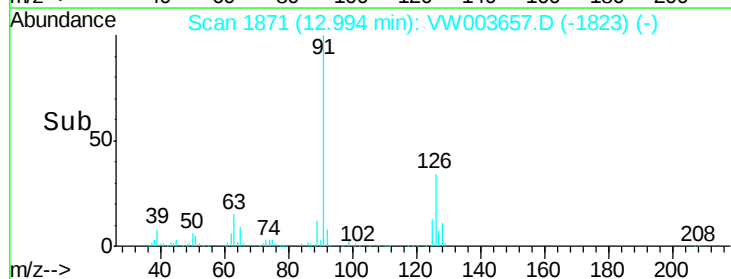
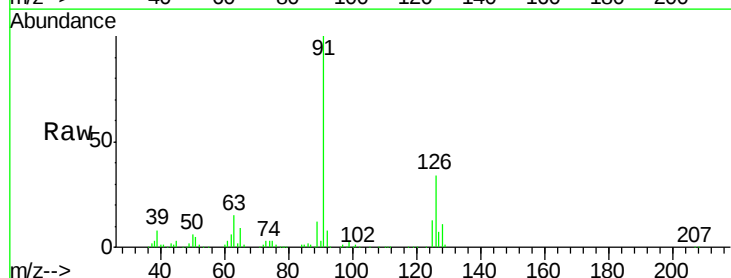
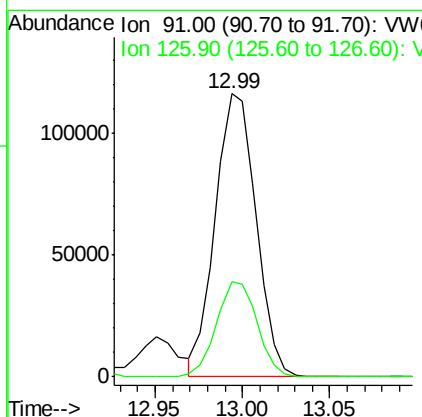
RT: 12.99 min Scan# 1871

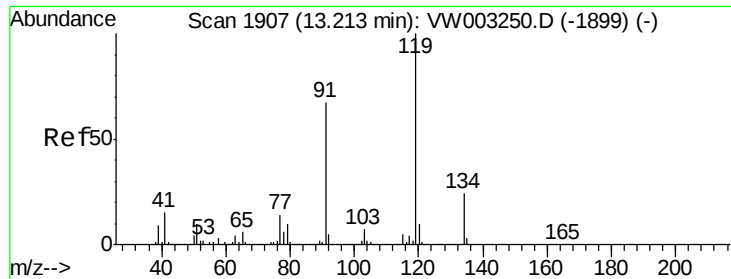
Delta R.T. -0.01 min

Lab File: VW003657.D

Acq: 29 Jun 2018 13:49

Tgt Ion:	91	Resp:	188191
Ion	Ratio	Lower	Upper
91	100		
126	33.7	16.8	50.3





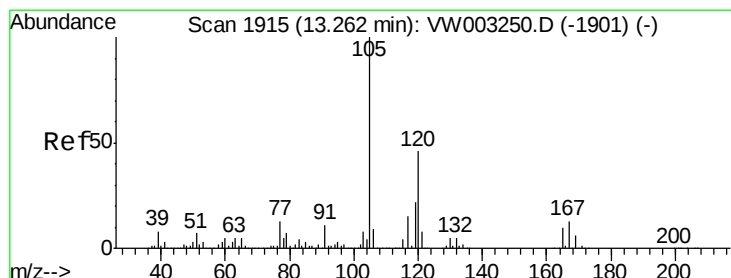
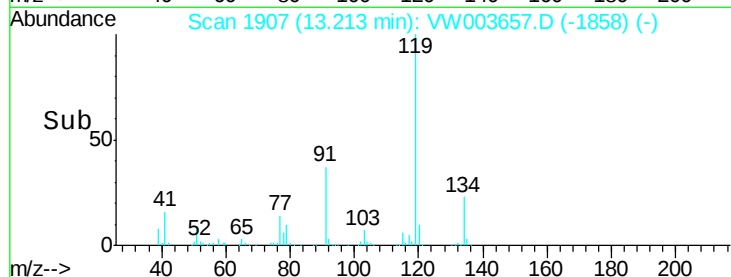
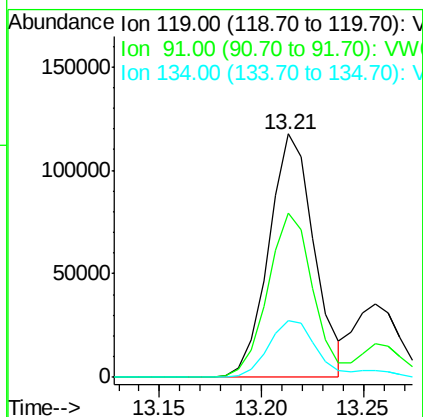
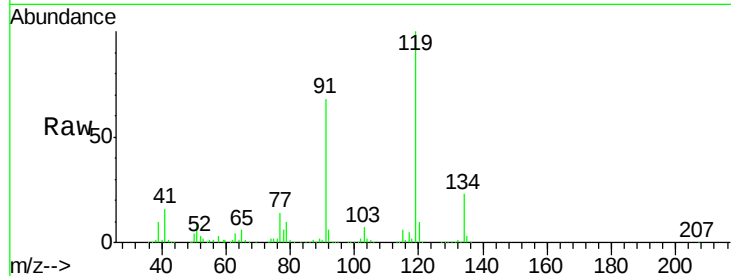
#83
tert-Butylbenzene
Concen: 21.39 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. 0.00 min
Lab File: VW003657.D
Acq: 29 Jun 2018 13:49

Instrument :
MSVOA_W
ClientSampleId :
VW0629SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	181945		
91	68.0	33.9	101.7	
134	24.4	13.4	40.1	

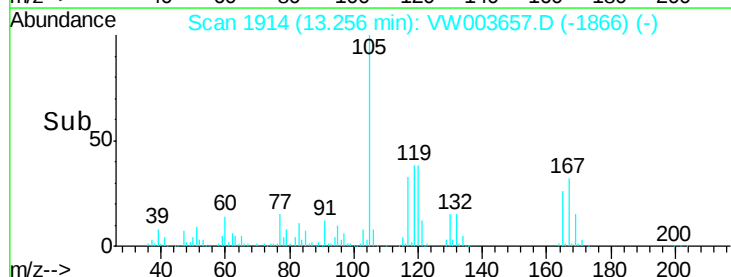
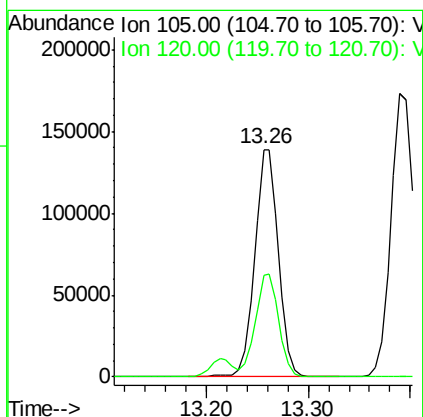
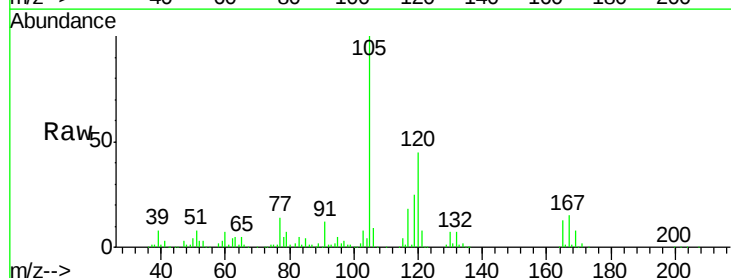
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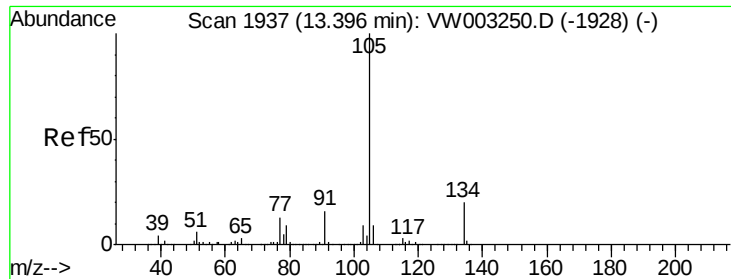
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#84
1,2,4-Trimethylbenzene
Concen: 21.94 ug/l
RT: 13.26 min Scan# 1914
Delta R.T. -0.01 min
Lab File: VW003657.D
Acq: 29 Jun 2018 13:49

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	225246		
120	44.6	22.5	67.5	





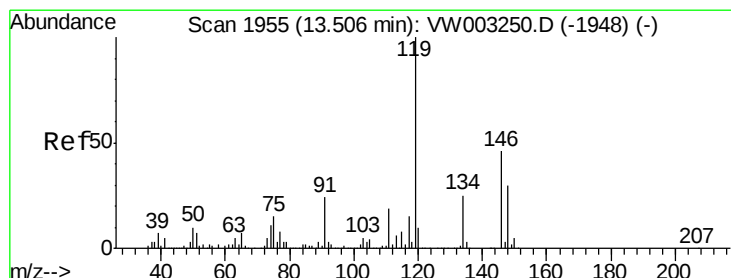
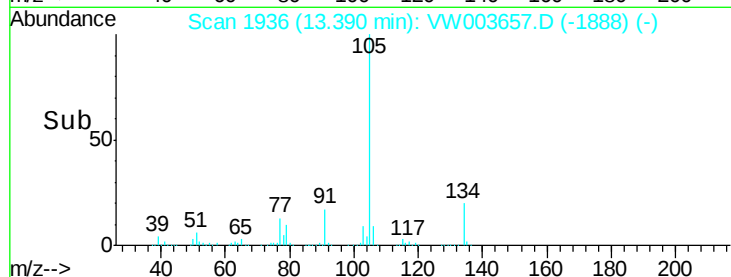
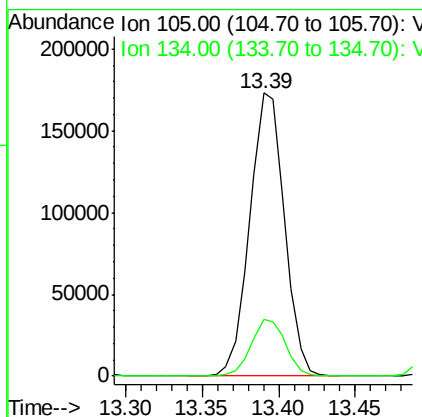
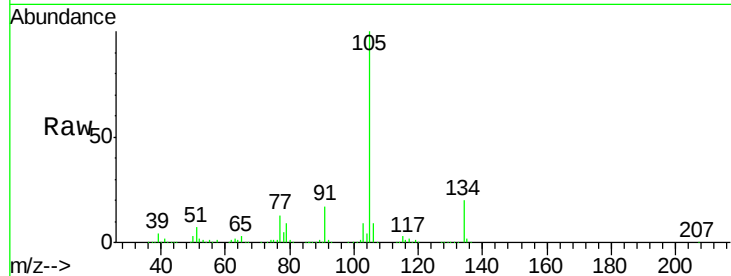
#85
 sec-Butylbenzene
 Concen: 21.58 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: VW003657.D
 Acq: 29 Jun 2018 13:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0629SBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	272855		
134	19.9	9.8	29.5	

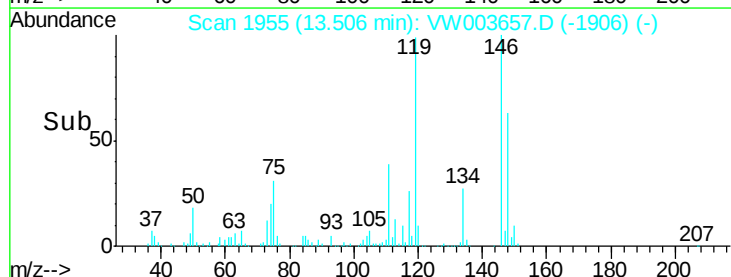
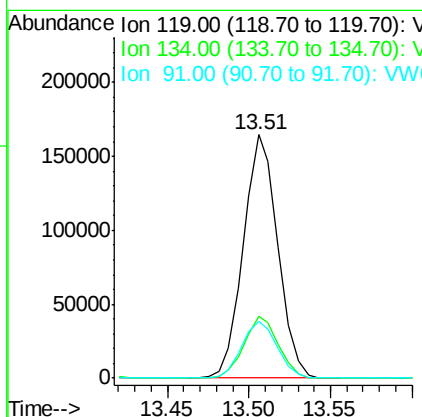
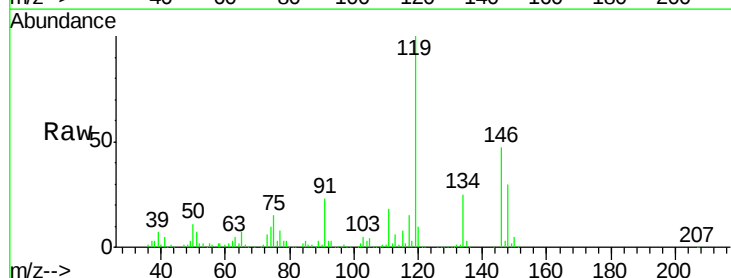
Manual Integrations
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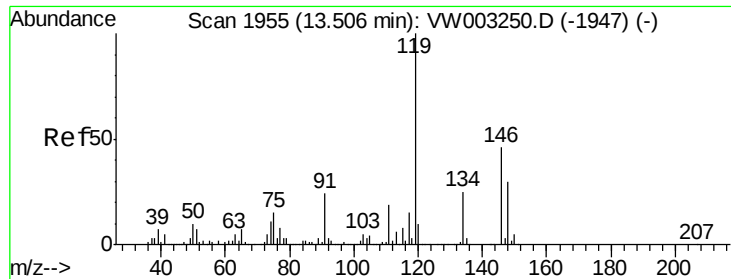
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#86
 p-Isopropyltoluene
 Concen: 21.61 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003657.D
 Acq: 29 Jun 2018 13:49

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	240905		
134	25.6	12.9	38.7	
91	23.9	11.8	35.3	





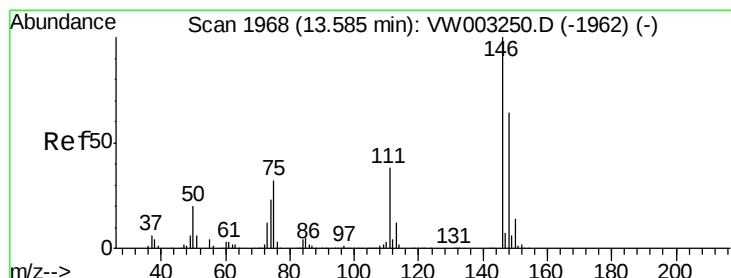
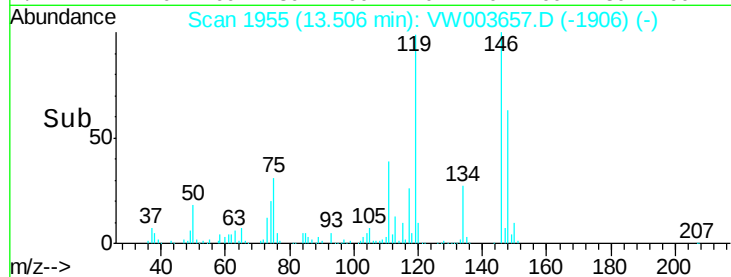
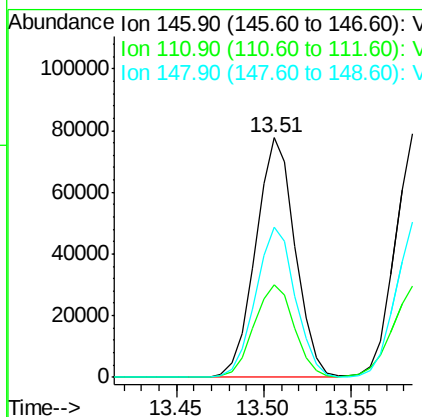
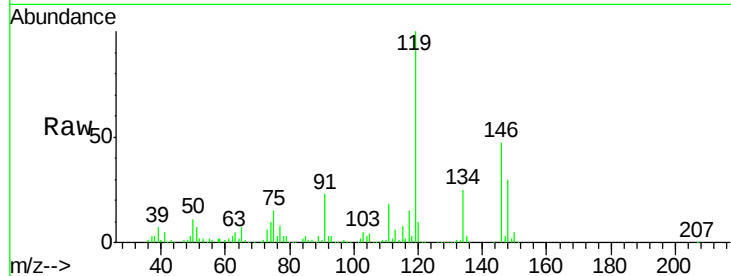
#87
 1,3-Dichlorobenzene
 Concen: 21.56 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003657.D
 Acq: 29 Jun 2018 13:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0629SBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.8	59.4
148	63.2	32.1	96.5

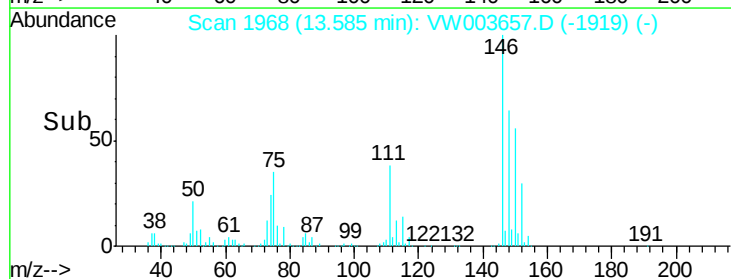
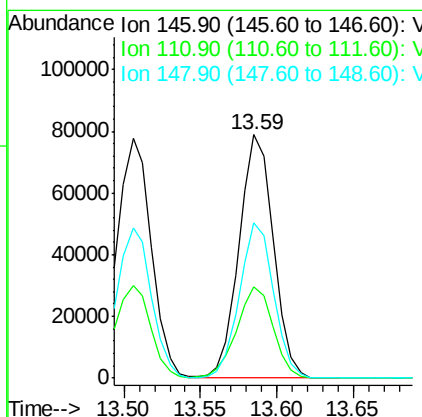
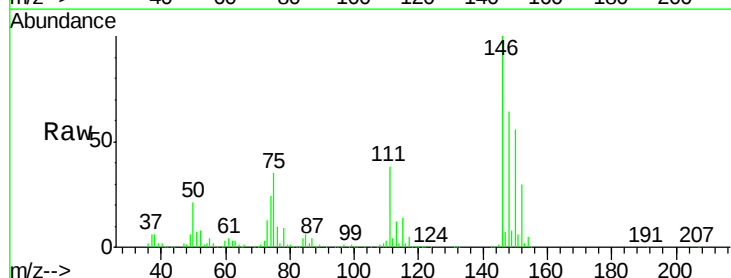
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#88
 1,4-Dichlorobenzene
 Concen: 21.77 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW003657.D
 Acq: 29 Jun 2018 13:49

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.2	57.6
148	63.6	31.8	95.4





#89

n-Butylbenzene

Concen: 21.96 ug/l

RT: 13.83 min Scan# 2009

Delta R.T. 0.00 min

Lab File: VW003657.D

Acq: 29 Jun 2018 13:49

Instrument :

MSVOA_W

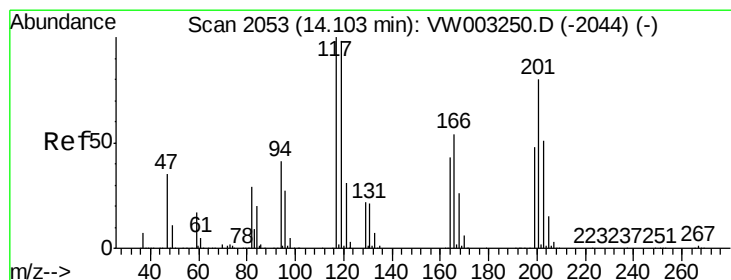
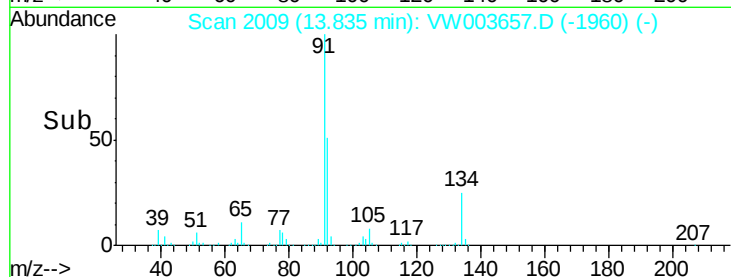
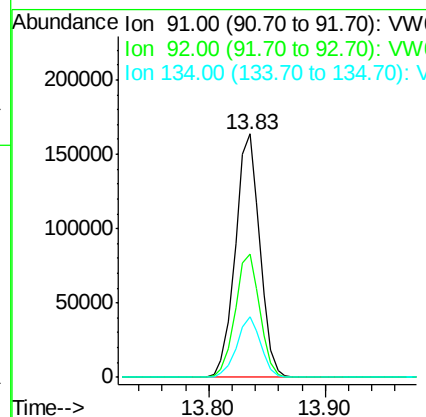
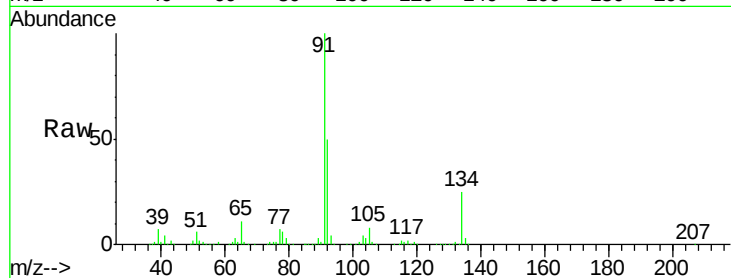
ClientSampled :

VW0629SBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.1	26.0	78.0
134	24.5	12.7	38.0

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#90

Hexachloroethane

Concen: 21.61 ug/l

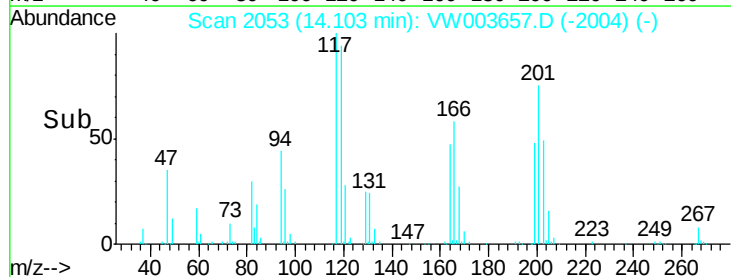
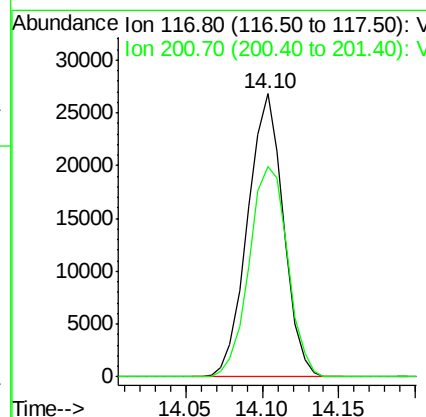
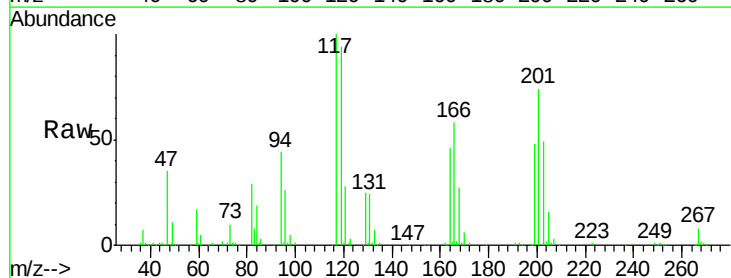
RT: 14.10 min Scan# 2053

Delta R.T. 0.00 min

Lab File: VW003657.D

Acq: 29 Jun 2018 13:49

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.9	39.5	118.5





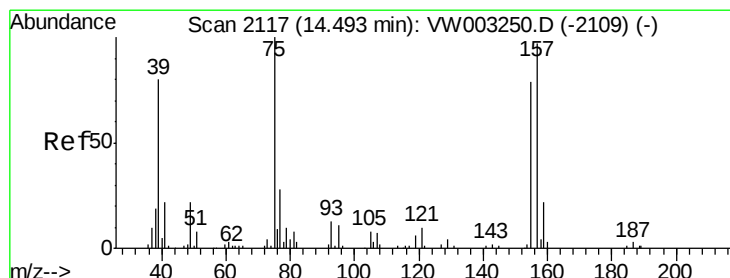
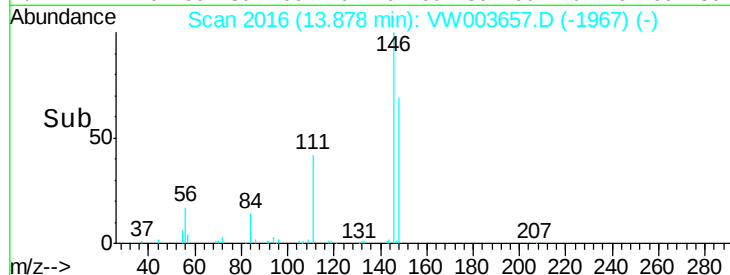
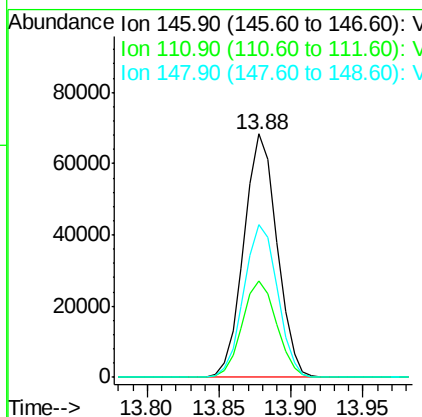
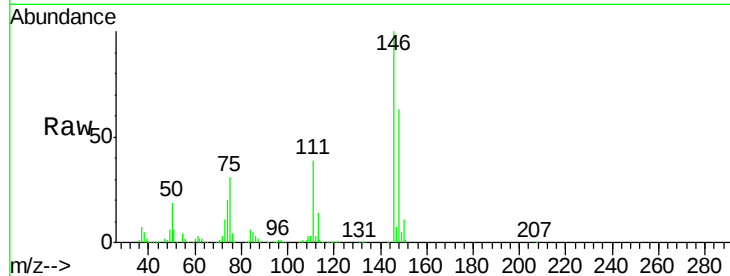
#91
 1,2-Dichlorobenzene
 Concen: 21.85 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW003657.D
 Acq: 29 Jun 2018 13:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0629SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.3	61.0
148	63.5	32.3	96.9

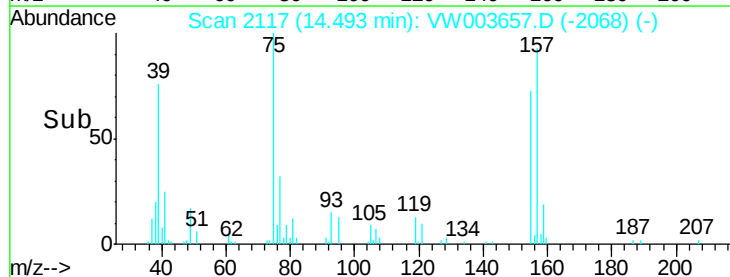
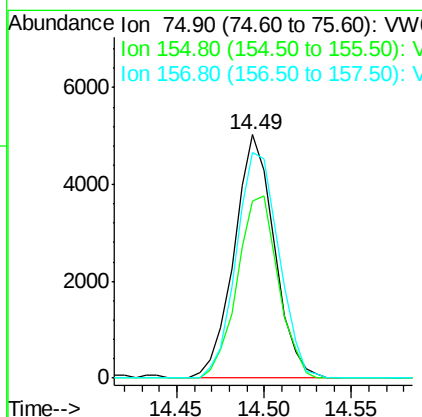
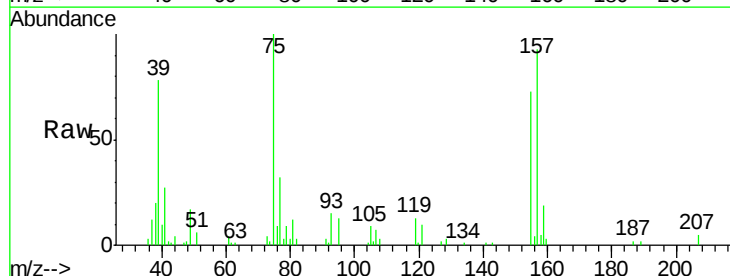
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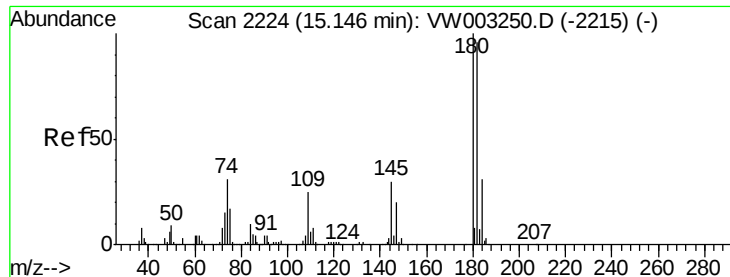
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 23.78 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW003657.D
 Acq: 29 Jun 2018 13:49

Tgt Ion	Ratio	Lower	Upper
75	100		
155	76.0	39.4	118.2
157	97.9	51.5	154.5





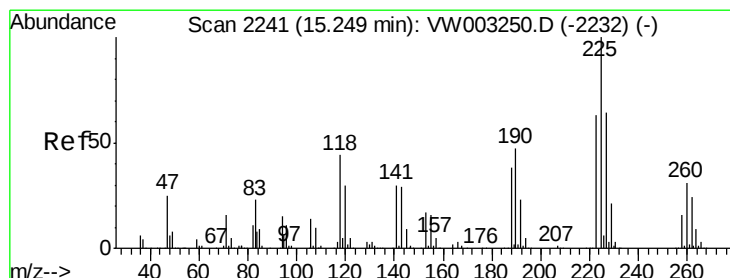
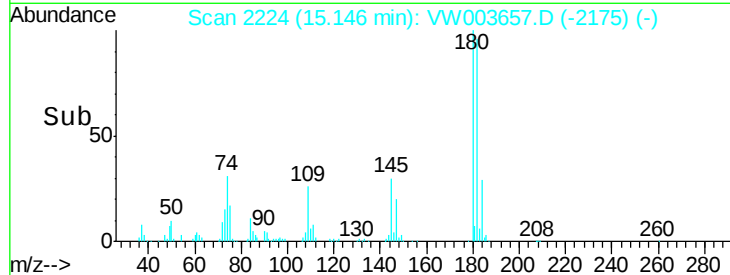
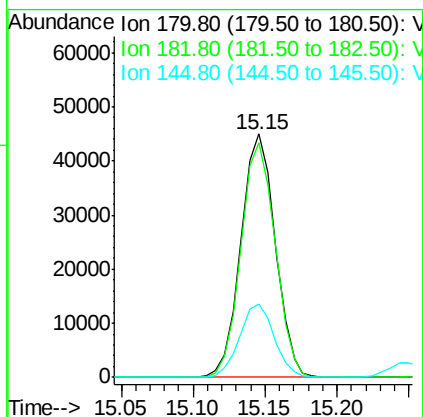
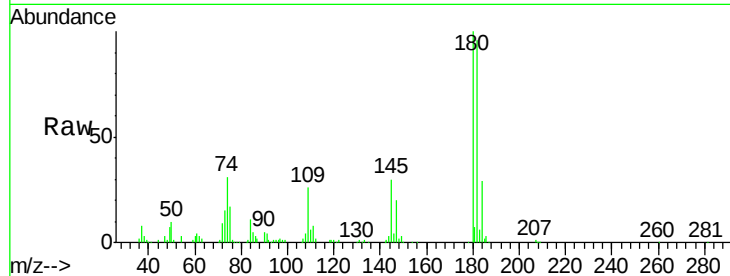
#93
 1,2,4-Trichlorobenzene
 Concen: 21.28 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW003657.D
 Acq: 29 Jun 2018 13:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0629SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.9	143.6
145	30.3	15.2	45.5

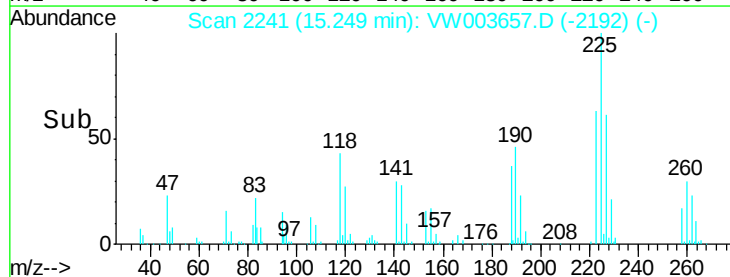
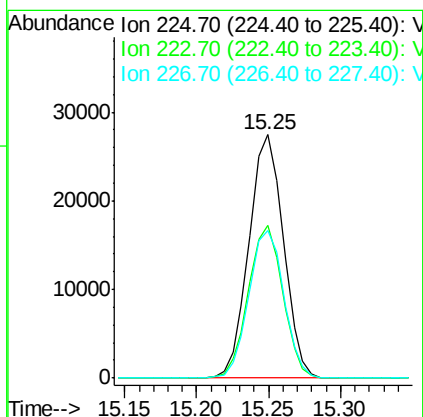
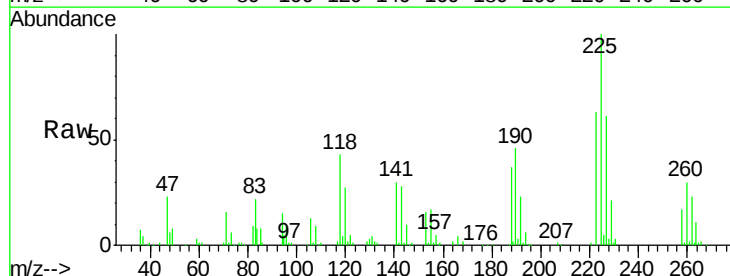
Manual Integrations
 APPROVED

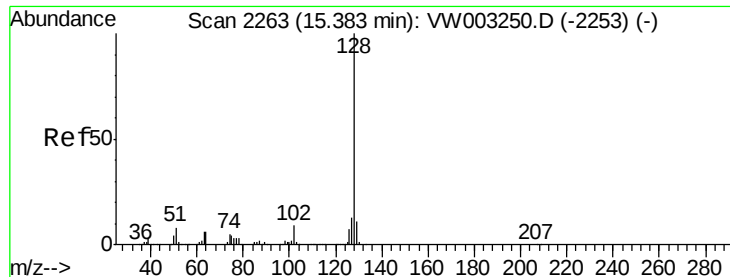
apatel
 7/2/2018 10:23:31 AM



#94
 Hexachlorobutadiene
 Concen: 21.66 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: VW003657.D
 Acq: 29 Jun 2018 13:49

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	30.6	92.0
227	61.6	31.7	95.1





#95

Naphthalene

Concen: 21.83 ug/l

RT: 15.38 min Scan# 2263

Delta R.T. 0.00 min

Lab File: VW003657.D

Acq: 29 Jun 2018 13:49

Instrument :

MSVOA_W

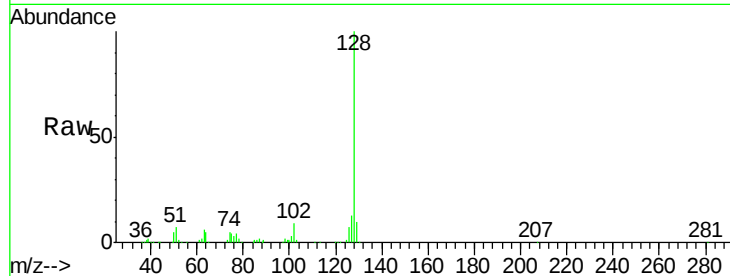
ClientSampleId :

VW0629SBS01

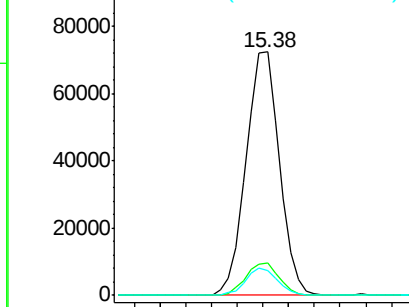
Tot Ion:	128	Resp:	129522
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.5	15.7
129	10.7	8.9	13.3

Manual Integrations
APPROVED

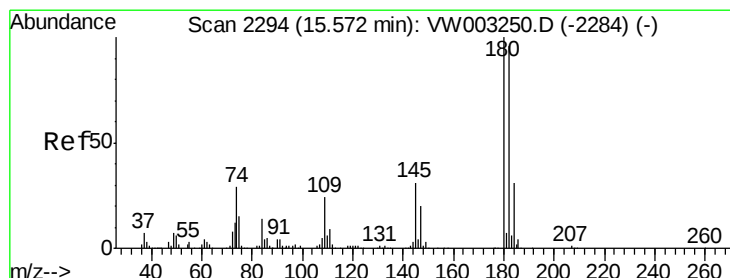
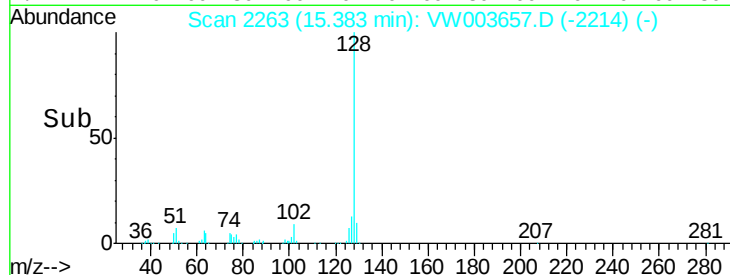
apatel
7/2/2018 10:23:31 AM



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 21.31 ug/l

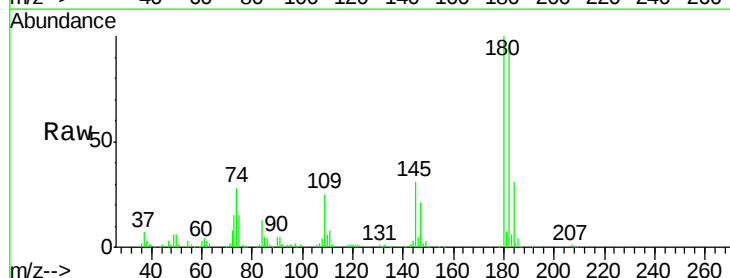
RT: 15.57 min Scan# 2294

Delta R.T. 0.00 min

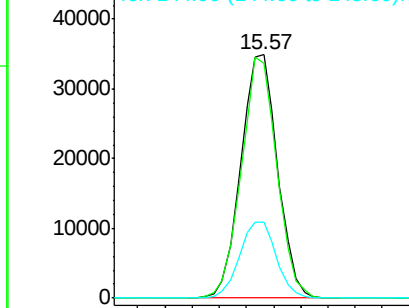
Lab File: VW003657.D

Acq: 29 Jun 2018 13:49

Tgt Ion:	180	Resp:	65618
Ion Ratio	Lower	Upper	
180	100		
182	95.9	47.9	143.6
145	31.5	15.8	47.4



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V



Time-->

