

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070718\
 Data File : VW003754.D
 Acq On : 07 Jul 2018 01:50
 Operator : SY/AP
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW070718

Manual Integrations
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 7/9/2018 10:26:18 AM

Quant Time: Jul 07 05:10:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 05:07:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	234237	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	376140	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	351096	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	184264	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	150881	49.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.52%	
35) Dibromofluoromethane	7.88	113	129363	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	
50) Toluene-d8	10.33	98	512377	50.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.76%	
62) 4-Bromofluorobenzene	12.62	95	184154	50.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	56372	49.48	ug/l	97
3) Chloromethane	2.20	50	100466	46.45	ug/l	96
4) Vinyl Chloride	2.36	62	130149	45.63	ug/l	100
5) Bromomethane	2.78	94	89569	44.48	ug/l	98
6) Chloroethane	2.92	64	81465	47.62	ug/l	98
7) Trichlorofluoromethane	3.25	101	58722	50.96	ug/l	99
8) Diethyl Ether	3.67	74	65582	55.53	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.05	101	112867	50.36	ug/l	99
10) Methyl Iodide	4.26	142	172811	51.81	ug/l	99
11) Tert butyl alcohol	5.23	59	47663	287.12	ug/l #	89
12) 1,1-Dichloroethene	4.03	96	116977	53.16	ug/l	97
13) Acrolein	3.89	56	62301	296.63	ug/l	100
14) Allyl chloride	4.65	41	206212	53.90	ug/l	98
15) Acrylonitrile	5.37	53	161064	272.35	ug/l	99
16) Acetone	4.14	43	156393	294.28	ug/l	96
17) Carbon Disulfide	4.37	76	363163	50.34	ug/l	100
18) Methyl Acetate	4.67	43	78220	52.20	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	247198	54.37	ug/l	100
20) Methylene Chloride	4.90	84	133810	51.82	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	132716	50.95	ug/l	98
22) Diisopropyl ether	6.31	45	444285	52.83	ug/l	99
23) Vinyl Acetate	6.26	43	1397789	272.25	ug/l	99
24) 1,1-Dichloroethane	6.21	63	250151	49.18	ug/l	99
25) 2-Butanone	7.18	43	223355	268.33	ug/l	100
26) 2,2-Dichloropropane	7.17	77	129917	47.09	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	143945	49.97	ug/l	100
28) Bromochloromethane	7.51	49	106511	47.00	ug/l	100
29) Tetrahydrofuran	7.54	42	145961	272.77	ug/l	100
30) Chloroform	7.68	83	253277	48.81	ug/l	99
31) Cyclohexane	7.95	56	213492	47.76	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	190935	48.35	ug/l	100
36) 1,1-Dichloropropene	8.08	75	197708	49.54	ug/l	100
37) Ethyl Acetate	7.26	43	102267	52.66	ug/l	100
38) Carbon Tetrachloride	8.07	117	182218	48.02	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	226992	51.93	ug/l	99
40) Benzene	8.32	78	563983	49.43	ug/l	100
41) Methacrylonitrile	7.49	41	64872	58.07	ug/l	90
42) 1,2-Dichloroethane	8.40	62	179520	48.61	ug/l	100
43) Isopropyl Acetate	8.43	43	194583	52.87	ug/l	99
44) Trichloroethene	9.09	130	141625	49.24	ug/l	99
45) 1,2-Dichloropropane	9.37	63	147170	49.61	ug/l	98
46) Dibromomethane	9.46	93	77219	49.50	ug/l	99
47) Bromodichloromethane	9.65	83	187924	48.97	ug/l	100
48) Methyl methacrylate	9.44	41	94598	53.97	ug/l	98
49) 1,4-Dioxane	9.48	88	24950	1070.17	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	521291	273.71	ug/l	99
52) Toluene	10.39	92	350943	49.60	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	197748	51.61	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	219118	50.66	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	107857	49.78	ug/l	96
56) Ethyl methacrylate	10.65	69	146275	55.33	ug/l	96
57) 1,3-Dichloropropane	10.93	76	191358	50.68	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	365896	262.17	ug/l	99
59) 2-Hexanone	10.98	43	359631	274.98	ug/l	100
60) Dibromochloromethane	11.13	129	127023	50.23	ug/l	100
61) 1,2-Dibromoethane	11.24	107	104278	50.33	ug/l	100
64) Tetrachloroethene	10.87	164	130014	50.06	ug/l	99
65) Chlorobenzene	11.66	112	387816	50.11	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	136023	50.29	ug/l	99
67) Ethyl Benzene	11.74	91	687902	51.98	ug/l	99
68) m/p-Xylenes	11.84	106	523929	103.38	ug/l	100
69) o-Xylene	12.17	106	247438	52.91	ug/l	99
70) Styrene	12.19	104	419873	52.80	ug/l	100
71) Bromoform	12.35	173	77930	52.21	ug/l #	99
73) Isopropylbenzene	12.47	105	671890	53.84	ug/l	100
74) N-amyl acetate	12.28	43	191602	56.65	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	132728	52.47	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	90718m	50.14	ug/l	
77) Bromobenzene	12.75	156	159832	51.59	ug/l	98
78) n-propylbenzene	12.81	91	833151	53.19	ug/l	100
79) 2-Chlorotoluene	12.90	91	473298	52.59	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	568214	52.83	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	40020	54.10	ug/l	97
82) 4-Chlorotoluene	12.99	91	499392	51.60	ug/l	100
83) tert-Butylbenzene	13.21	119	478593	53.96	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	589071	52.72	ug/l	99
85) sec-Butylbenzene	13.39	105	705468	53.17	ug/l	100
86) p-Isopropyltoluene	13.51	119	619343	53.42	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	318760	50.78	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	314768	49.87	ug/l	99
89) n-Butylbenzene	13.83	91	603221	52.89	ug/l	100
90) Hexachloroethane	14.10	117	113134	50.65	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	287044	50.81	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	23469	53.59	ug/l	98

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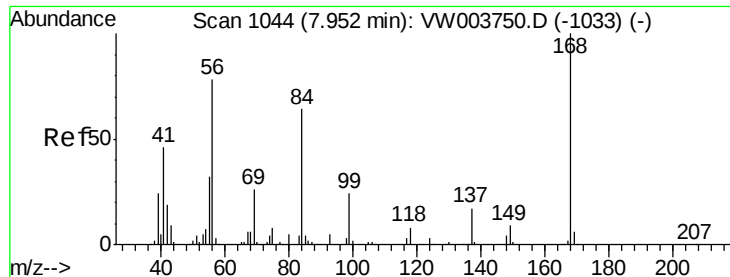
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QLast Update : Sat Jul 07 05:07:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	202255	52.89	ug/l	100
94) Hexachlorobutadiene	15.24	225	111410	50.94	ug/l	98
95) Naphthalene	15.38	128	402104	58.84	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	183794	53.68	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003754.D

Acq: 07 Jul 2018 01:50

Instrument :

MSVOA_W

ClientSampleId :

ICVW070718

Tot Ion:168 Resp: 234237

Ion Ratio Lower Upper

168 100

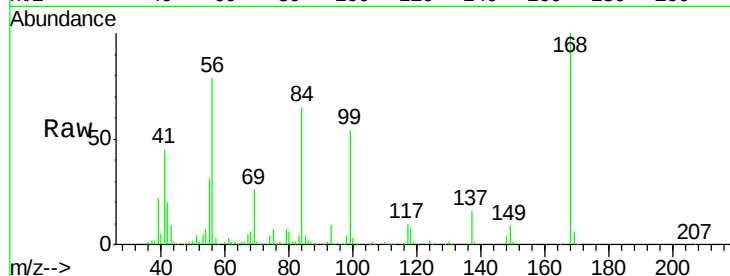
99 54.3 45.0 67.6

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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

120000

100000

80000

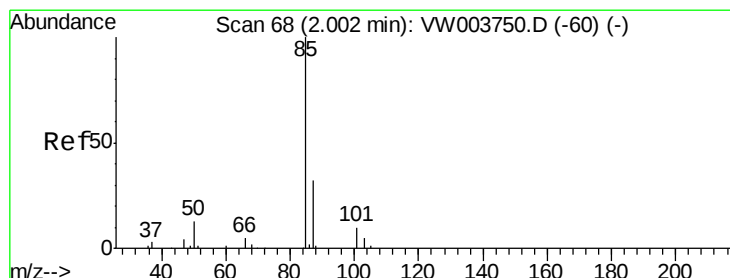
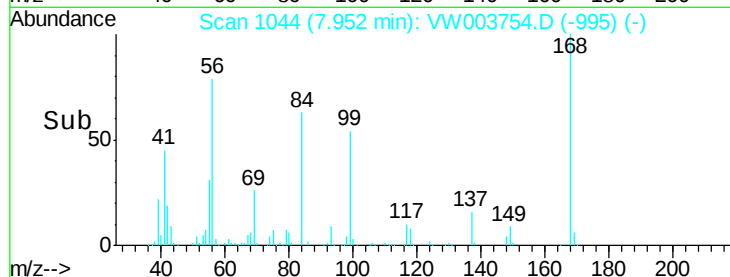
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 49.48 ug/l

RT: 2.00 min Scan# 68

Delta R.T. -0.00 min

Lab File: VW003754.D

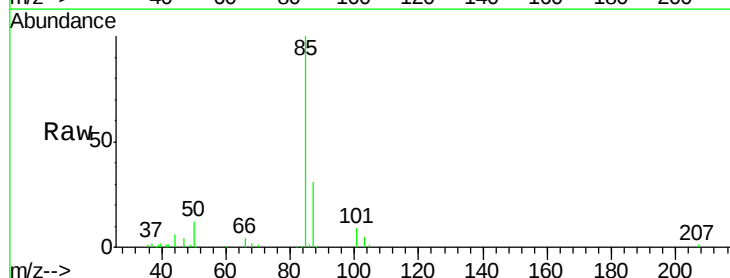
Acq: 07 Jul 2018 01:50

Tgt Ion: 85 Resp: 56372

Ion Ratio Lower Upper

85 100

87 30.6 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

20000

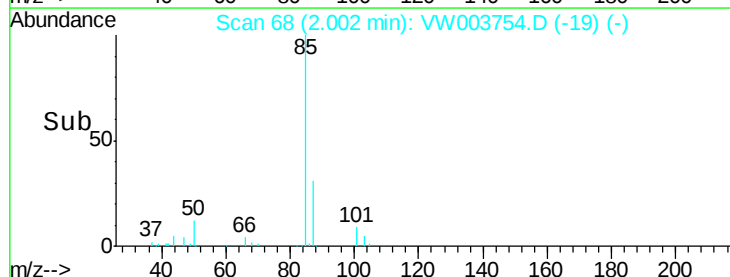
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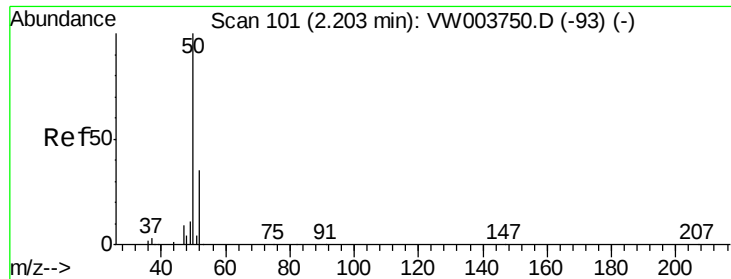
10000

5000

0

Time-->





#3

Chloromethane

Concen: 46.45 ug/l

RT: 2.20 min Scan# 101

Delta R.T. -0.00 min

Lab File: VW003754.D

Acq: 07 Jul 2018 01:50

Instrument :

MSVOA_W

ClientSampleId :

ICVW070718

Tot Ion: 50 Resp: 100466

Ion Ratio Lower Upper

50 100

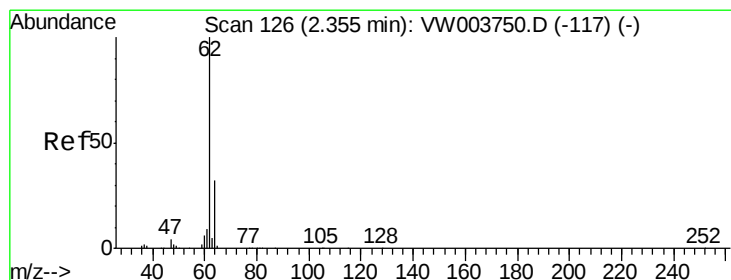
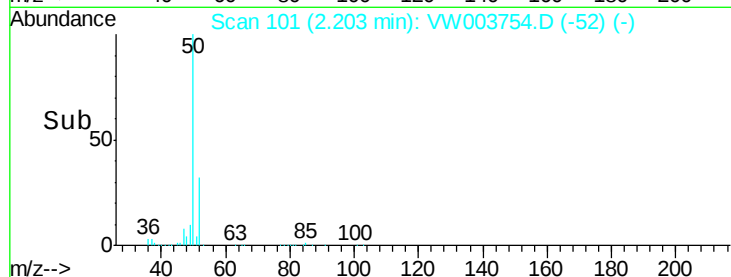
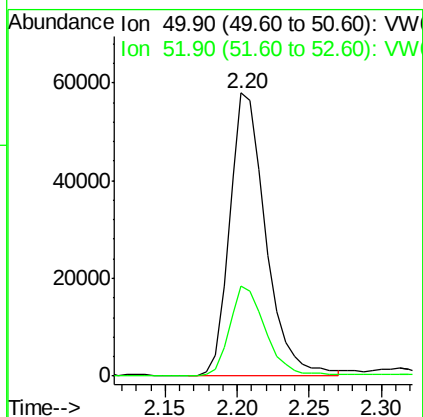
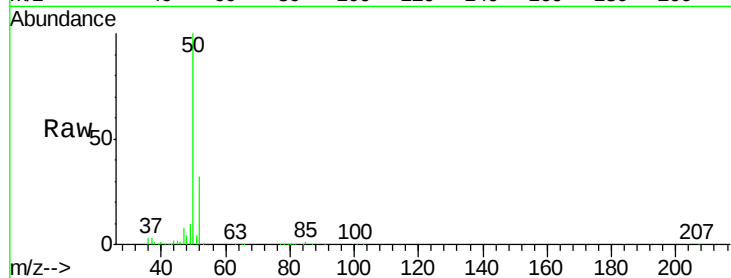
52 32.1 27.8 41.6

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#4

Vinyl Chloride

Concen: 45.63 ug/l

RT: 2.36 min Scan# 126

Delta R.T. -0.00 min

Lab File: VW003754.D

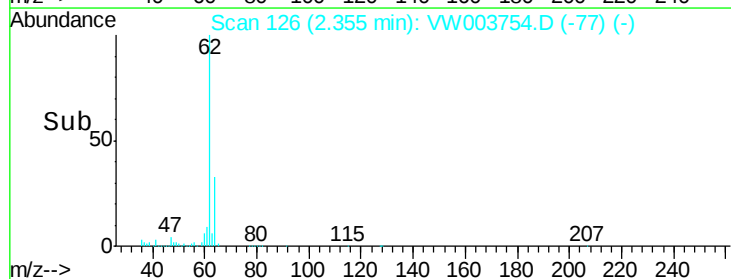
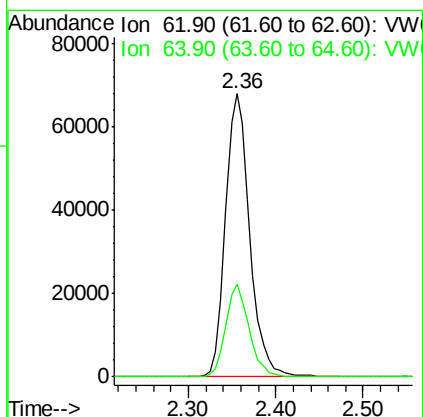
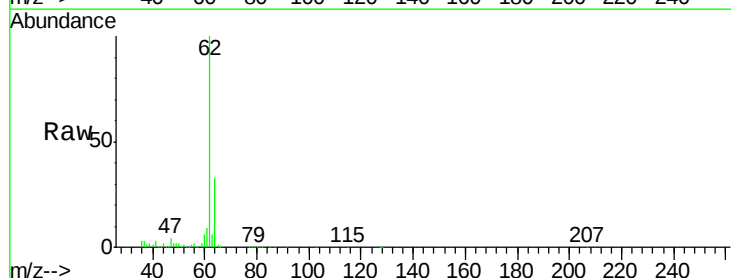
Acq: 07 Jul 2018 01:50

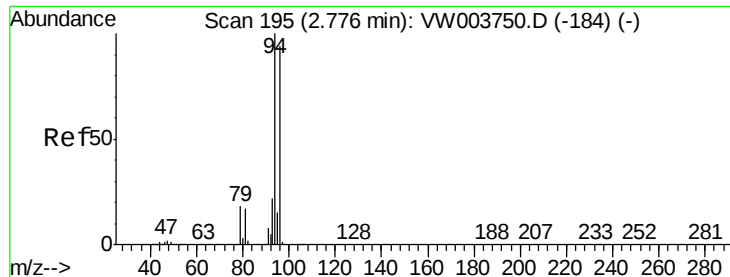
Tgt Ion: 62 Resp: 130149

Ion Ratio Lower Upper

62 100

64 32.5 25.8 38.8





#5

Bromomethane

Concen: 44.48 ug/l

RT: 2.78 min Scan# 195

Delta R.T. -0.00 min

Lab File: VW003754.D

Acq: 07 Jul 2018 01:50

Instrument :

MSVOA_W

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ICVW070718

Tot Ion: 94 Resp: 89569

Ion Ratio Lower Upper

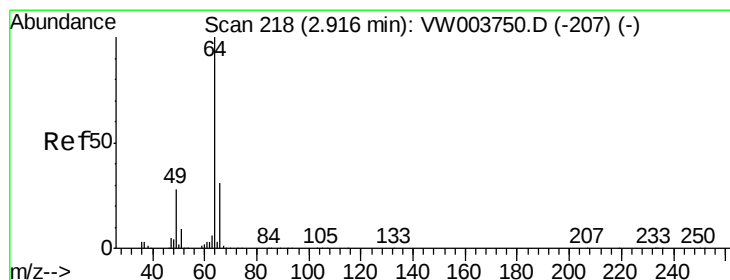
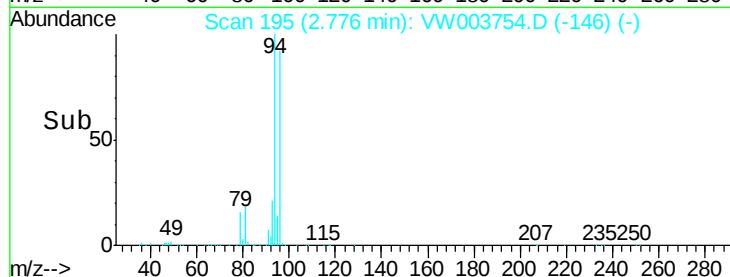
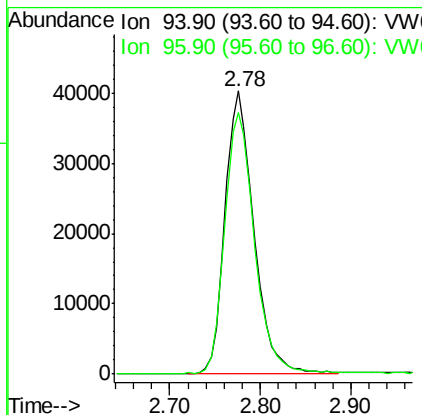
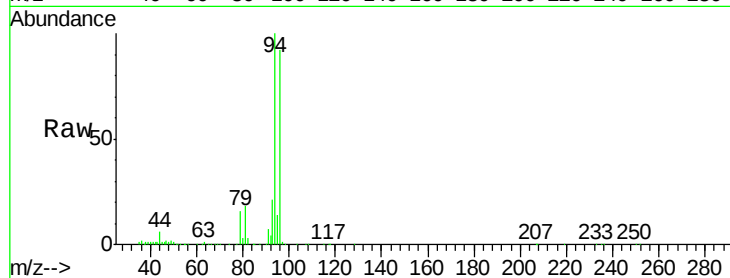
94 100

96 92.0 74.8 112.2

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#6

Chloroethane

Concen: 47.62 ug/l

RT: 2.92 min Scan# 218

Delta R.T. -0.00 min

Lab File: VW003754.D

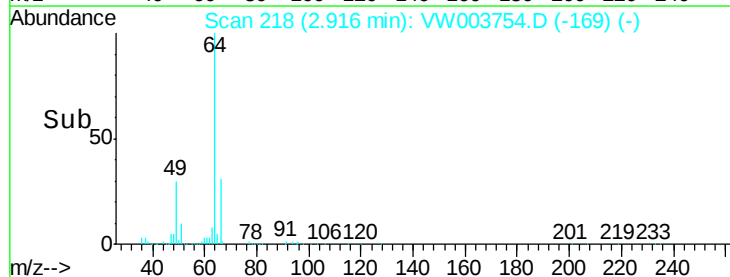
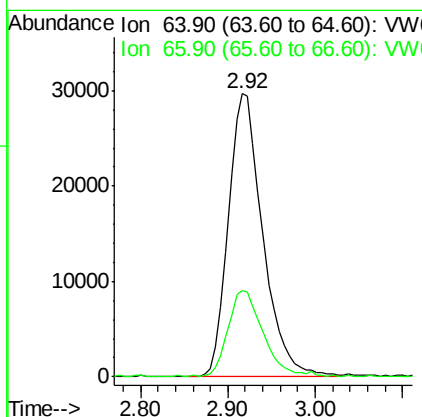
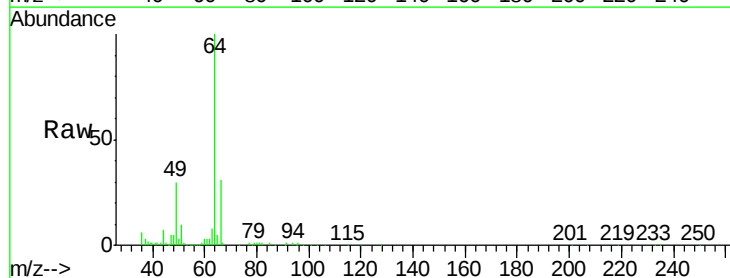
Acq: 07 Jul 2018 01:50

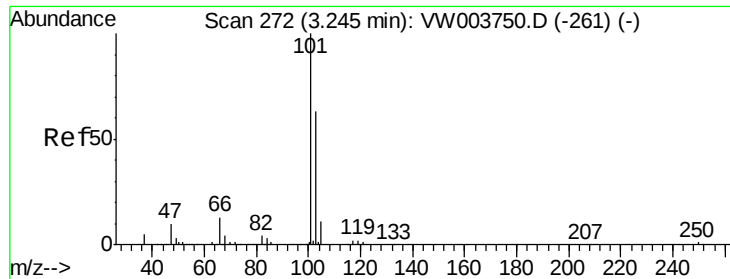
Tgt Ion: 64 Resp: 81465

Ion Ratio Lower Upper

64 100

66 30.4 25.1 37.7





#7

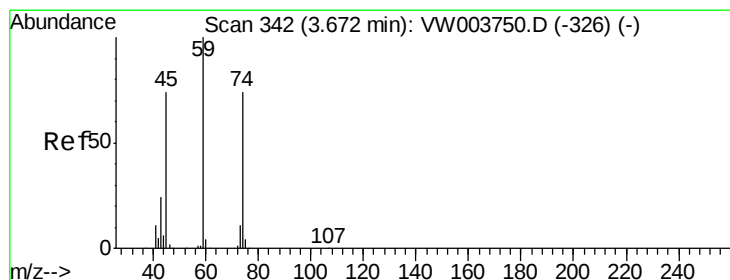
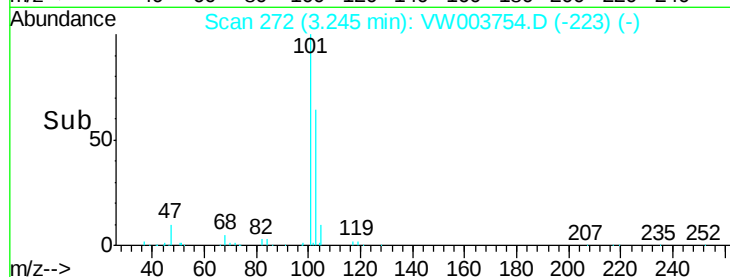
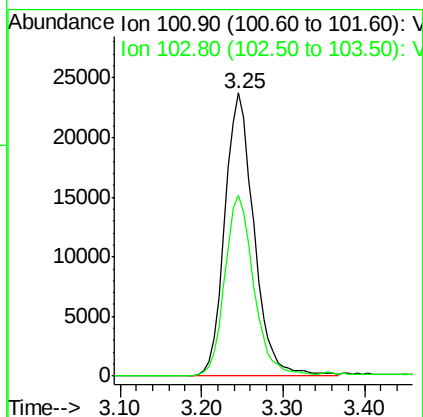
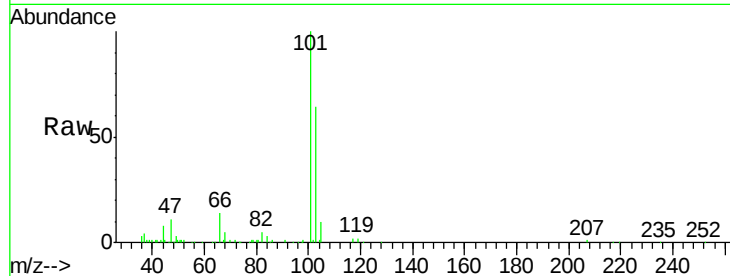
Trichlorofluoromethane
 Concen: 50.96 ug/l
 RT: 3.25 min Scan# 272
 Delta R.T. -0.00 min
 Lab File: VW003754.D
 Acq: 07 Jul 2018 01:50

Instrument :
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 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.9	50.7	76.1

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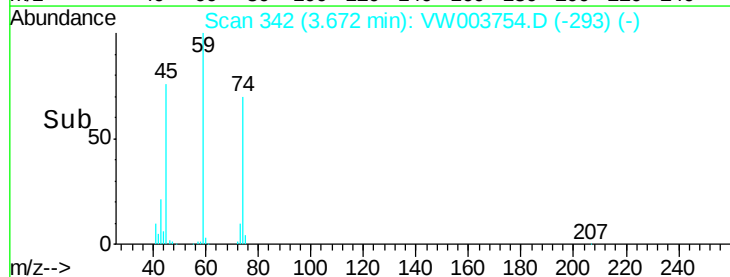
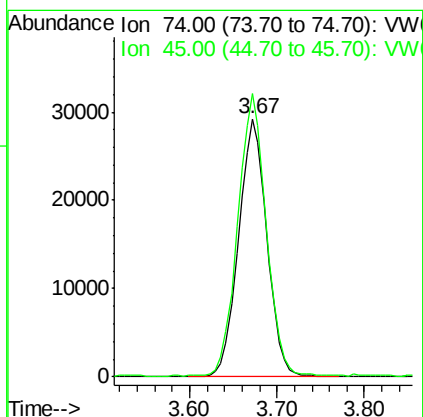
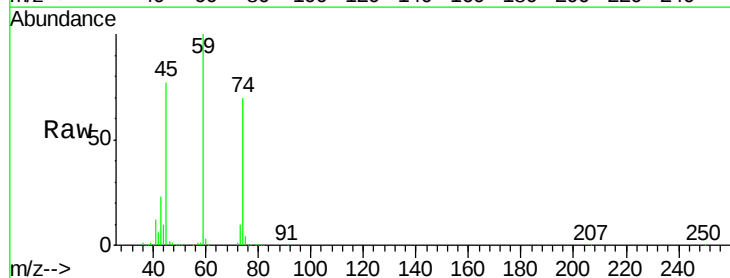
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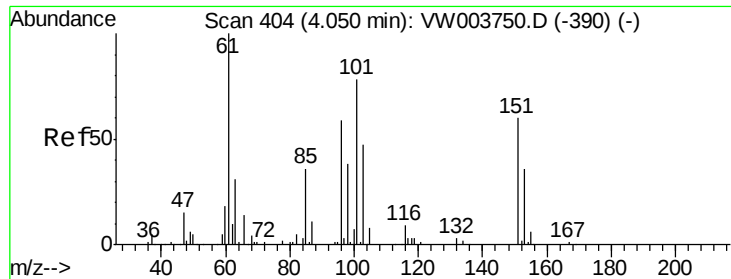


#8

Diethyl Ether
 Concen: 55.53 ug/l
 RT: 3.67 min Scan# 342
 Delta R.T. -0.00 min
 Lab File: VW003754.D
 Acq: 07 Jul 2018 01:50

Tgt Ion	Ratio	Lower	Upper
74	100		
45	109.4	52.4	157.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.36 ug/l

RT: 4.05 min Scan# 404

Delta R.T. -0.00 min

Lab File: VW003754.D

Acq: 07 Jul 2018 01:50

Instrument :

MSVOA_W

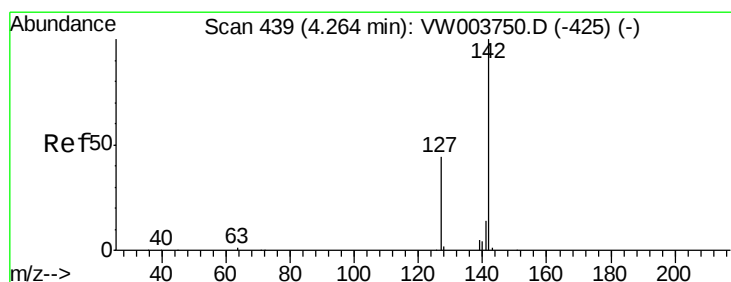
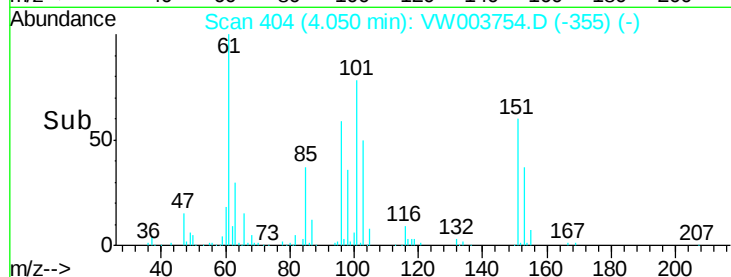
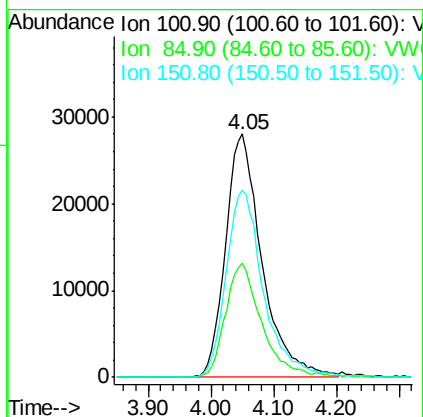
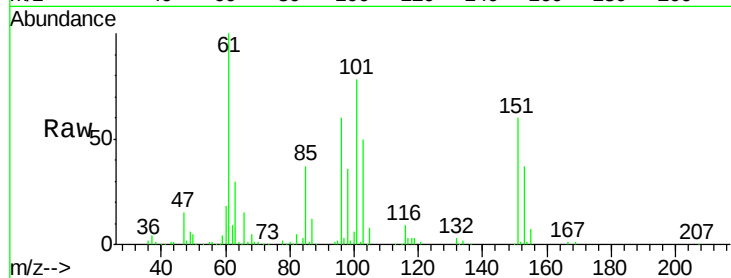
ClientSampleId :

ICVW070718

Tot Ion:	101	Resp:	112867
Ion Ratio	Lower	Upper	
101	100		
85	46.9	37.1	55.7
151	78.7	62.3	93.5

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#10

Methyl Iodide

Concen: 51.81 ug/l

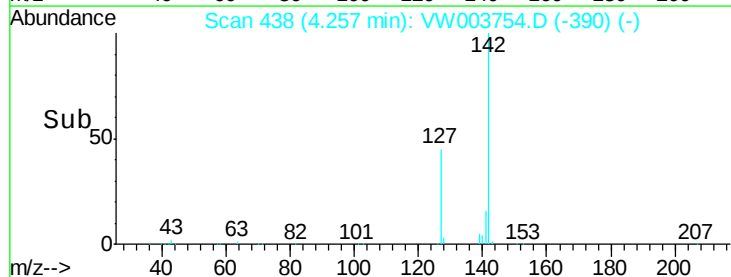
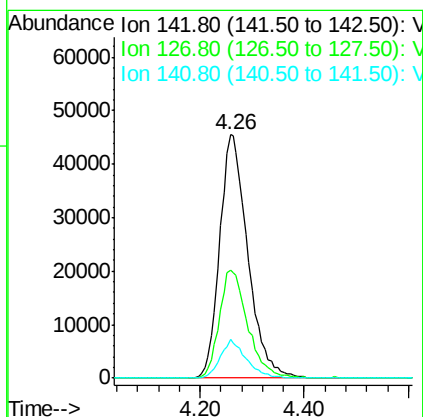
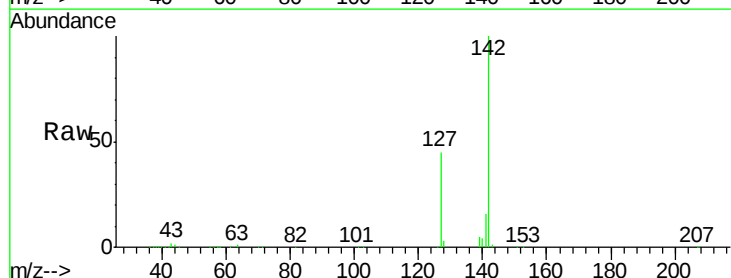
RT: 4.26 min Scan# 438

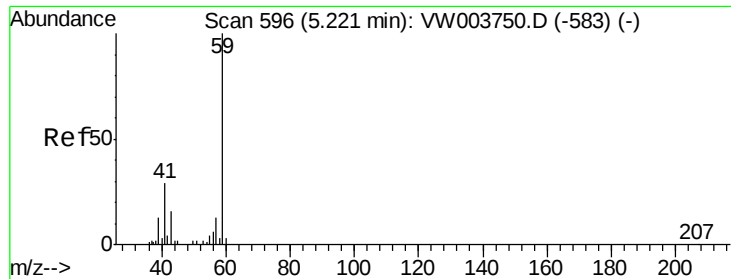
Delta R.T. -0.01 min

Lab File: VW003754.D

Acq: 07 Jul 2018 01:50

Tgt Ion:	142	Resp:	172811
Ion Ratio	Lower	Upper	
142	100		
127	44.6	36.1	54.1
141	14.6	11.6	17.4





#11

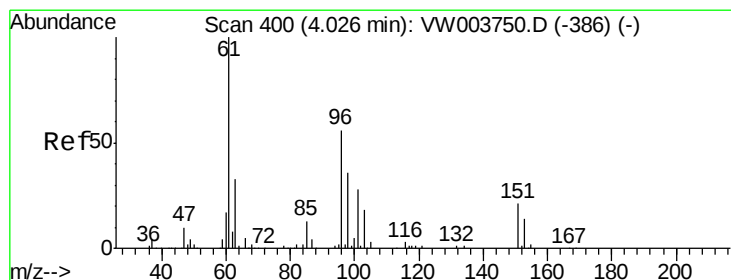
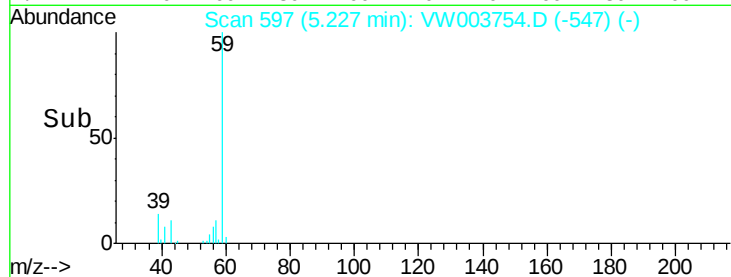
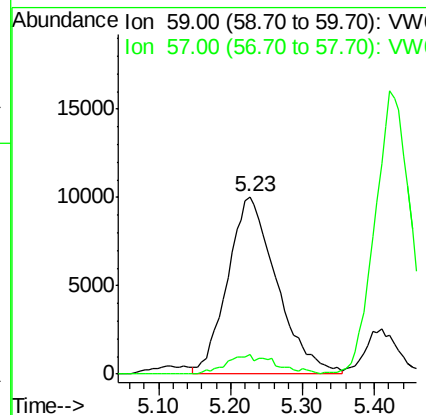
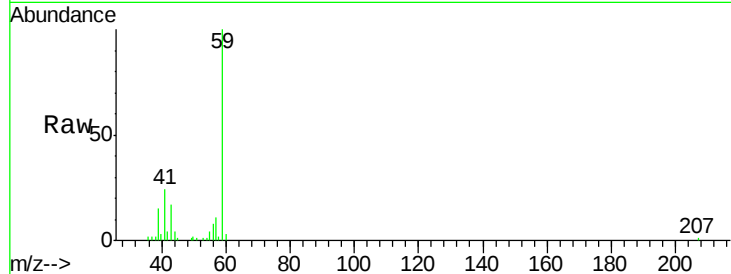
Tert butyl alcohol
Concen: 287.12 ug/l
RT: 5.23 min Scan# 597
Delta R.T. 0.01 min
Lab File: VW003754.D
Acq: 07 Jul 2018 01:50

Instrument :
MSVOA_W
ClientSampleId :
ICVW070718

Tot Ion	Ratio	Lower	Upper
59	100		
57	7.5	9.3	13.9#

Manual Integrations
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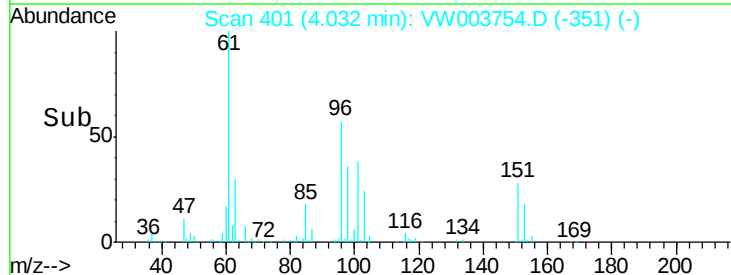
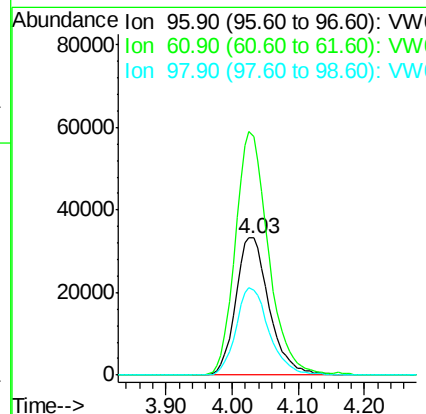
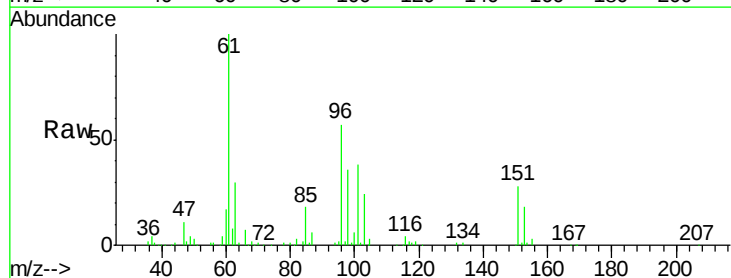
apatel
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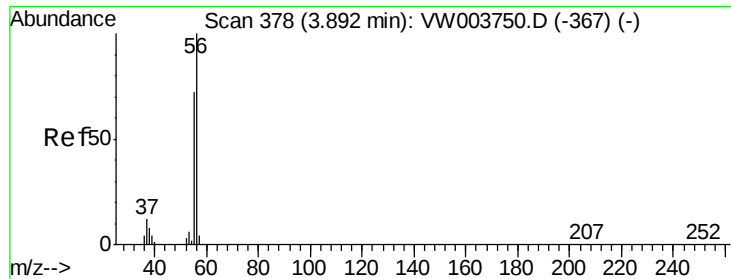


#12

1,1-Dichloroethene
Concen: 53.16 ug/l
RT: 4.03 min Scan# 401
Delta R.T. 0.01 min
Lab File: VW003754.D
Acq: 07 Jul 2018 01:50

Tgt Ion	Ratio	Lower	Upper
96	100		
61	174.0	143.2	214.8
98	62.3	51.4	77.0





#13

Acrolein

Concen: 296.63 ug/l

RT: 3.89 min Scan# 378

Delta R.T. 0.00 min

Lab File: VW003754.D

Acq: 07 Jul 2018 01:50

Instrument :

MSVOA_W

ClientSampleId :

ICVW070718

Tot Ion: 56 Resp: 62301

Ion Ratio Lower Upper

56 100

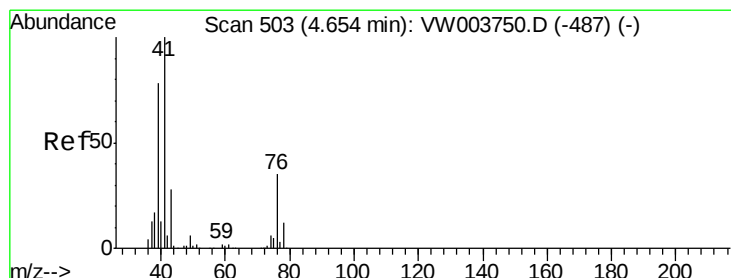
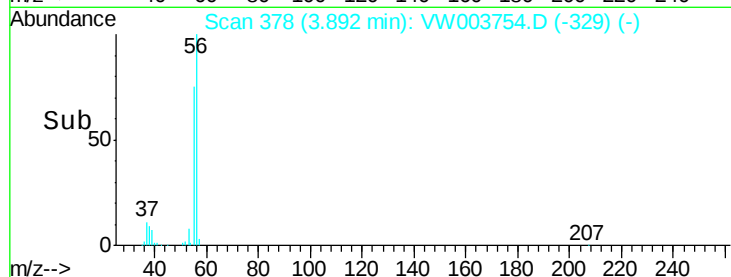
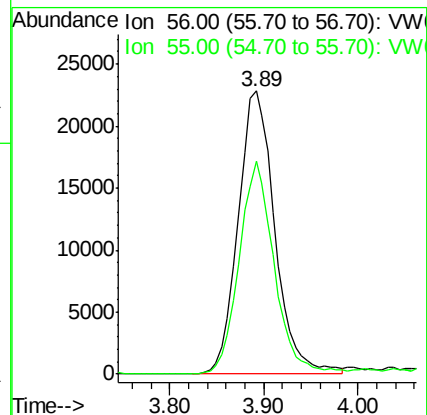
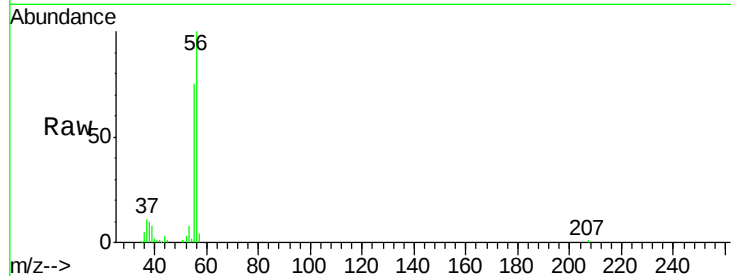
55 71.9 57.5 86.3

Manual Integrations

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#14

Allyl chloride

Concen: 53.90 ug/l

RT: 4.65 min Scan# 503

Delta R.T. -0.00 min

Lab File: VW003754.D

Acq: 07 Jul 2018 01:50

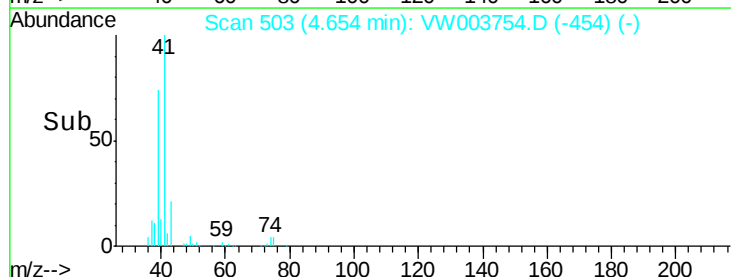
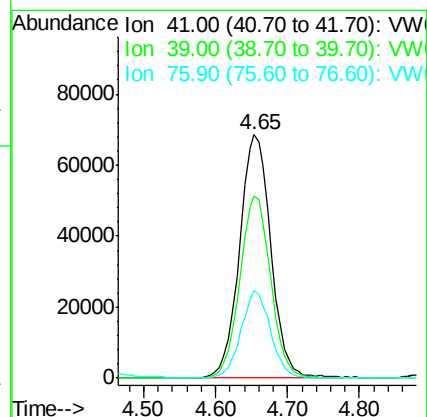
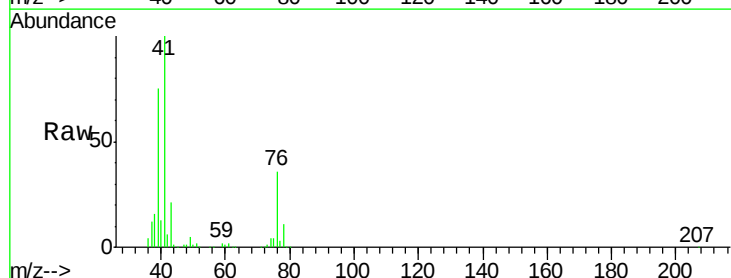
Tgt Ion: 41 Resp: 206212

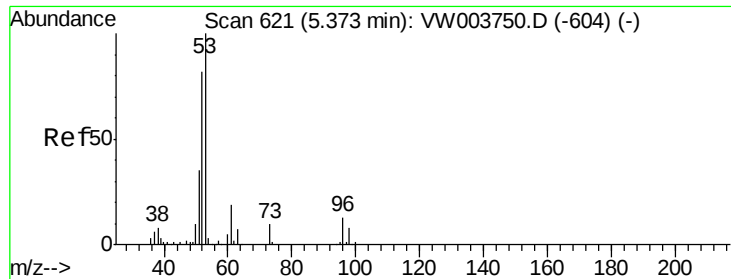
Ion Ratio Lower Upper

41 100

39 74.0 60.9 91.3

76 34.0 27.5 41.3





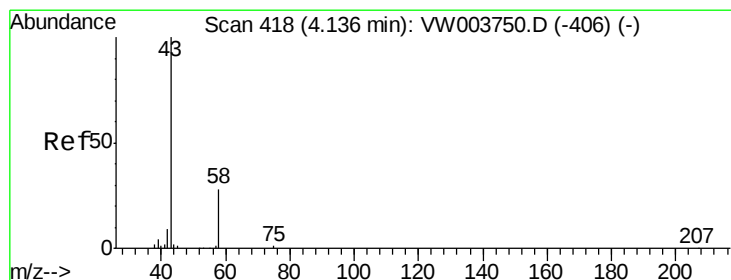
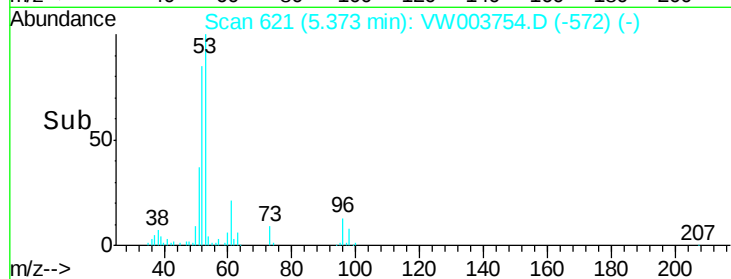
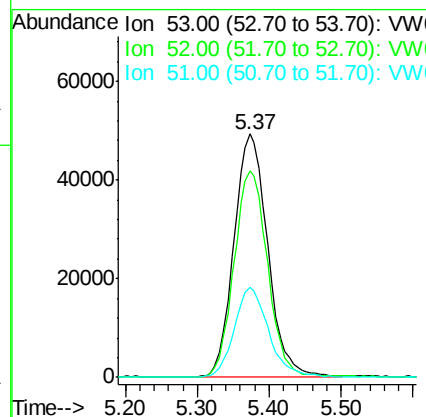
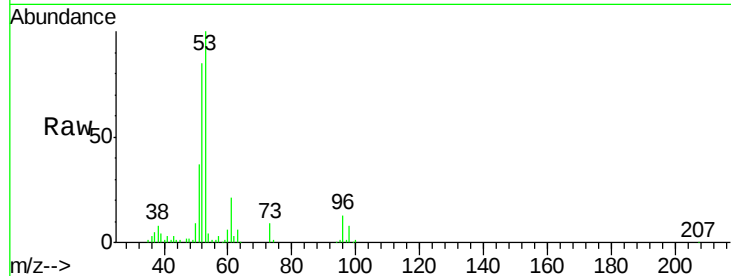
#15
 Acrylonitrile
 Concen: 272.35 ug/l
 RT: 5.37 min Scan# 621
 Delta R.T. -0.00 min
 Lab File: VW003754.D
 Acq: 07 Jul 2018 01:50

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW070718

Tot Ion	Ratio	Lower	Upper
53	100		
52	84.5	66.2	99.2
51	37.9	30.2	45.4

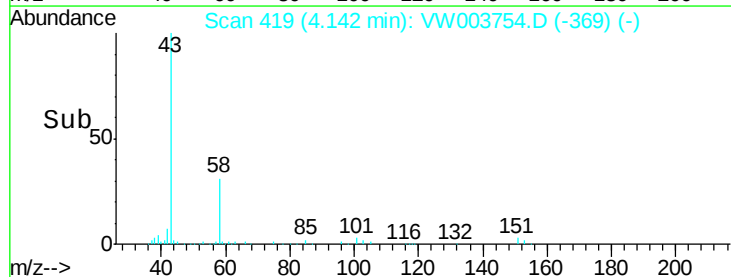
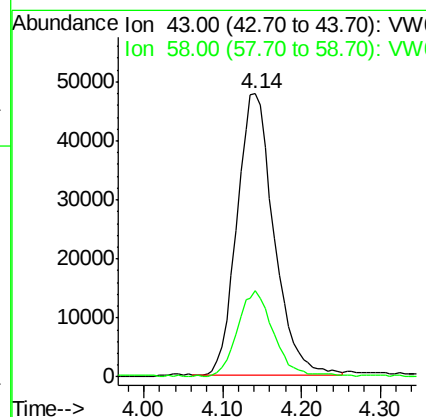
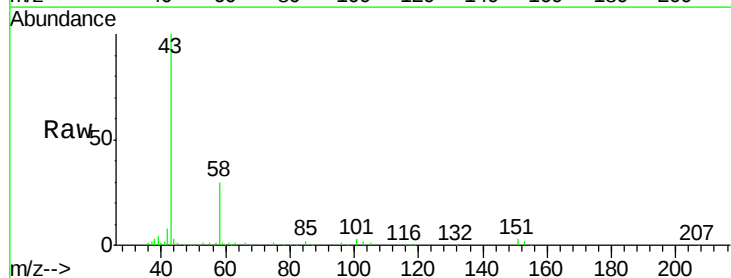
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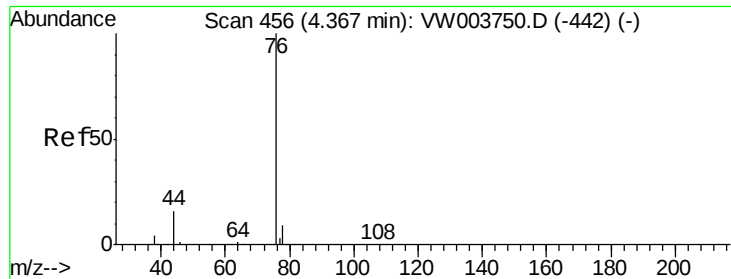
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#16
 Acetone
 Concen: 294.28 ug/l
 RT: 4.14 min Scan# 419
 Delta R.T. 0.01 min
 Lab File: VW003754.D
 Acq: 07 Jul 2018 01:50

Tgt Ion	Ratio	Lower	Upper
43	100		
58	30.3	22.6	34.0





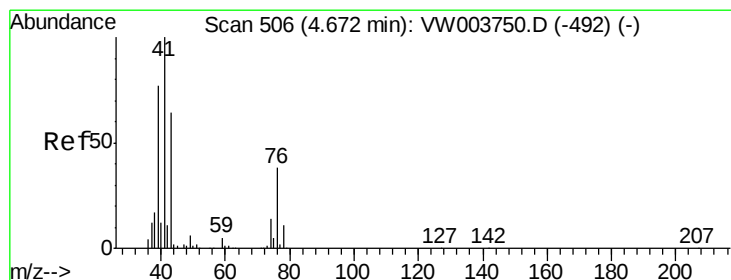
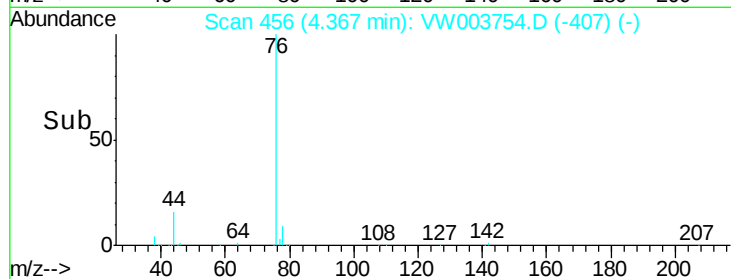
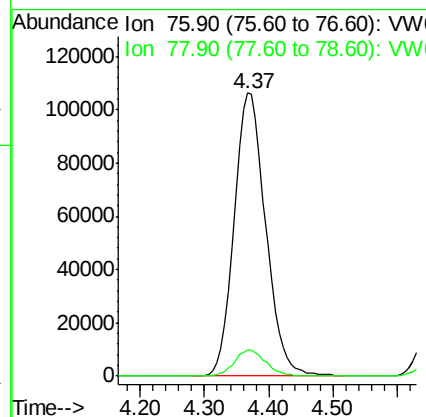
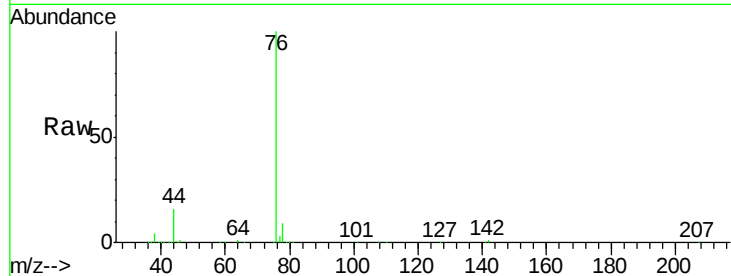
#17
Carbon Disulfide
Concen: 50.34 ug/l
RT: 4.37 min Scan# 456
Delta R.T. -0.00 min
Lab File: VW003754.D
Acq: 07 Jul 2018 01:50

Instrument :
MSVOA_W
ClientSampleId :
ICVW070718

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.4	11.2

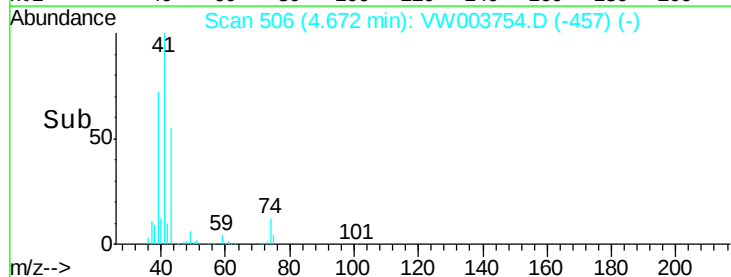
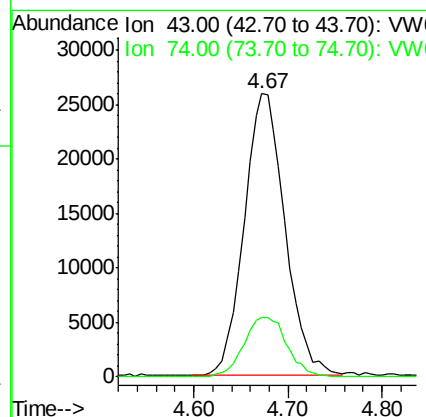
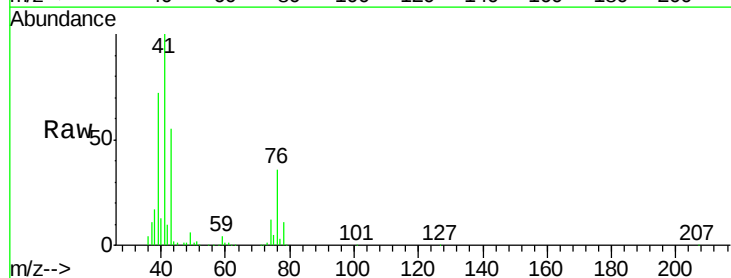
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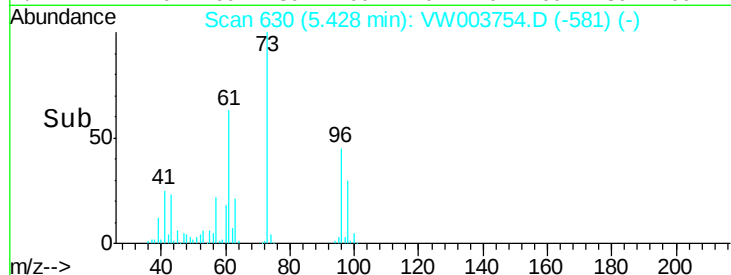
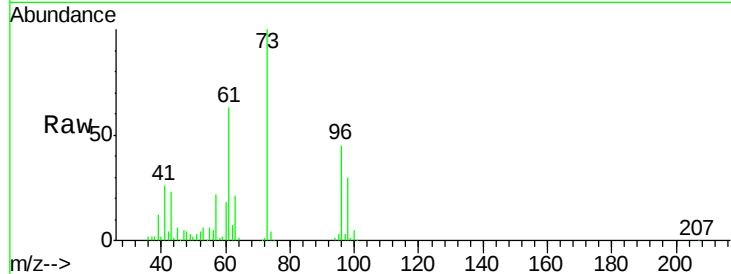
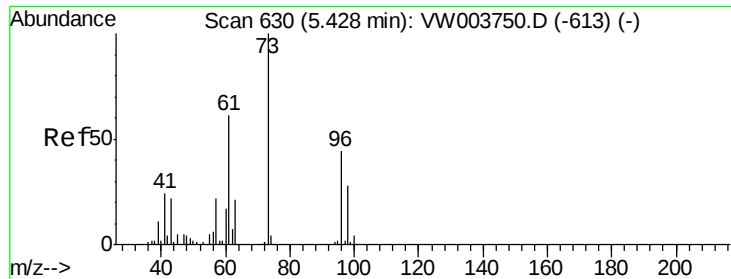
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#18
Methyl Acetate
Concen: 52.20 ug/l
RT: 4.67 min Scan# 506
Delta R.T. -0.00 min
Lab File: VW003754.D
Acq: 07 Jul 2018 01:50

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.5	17.3	25.9





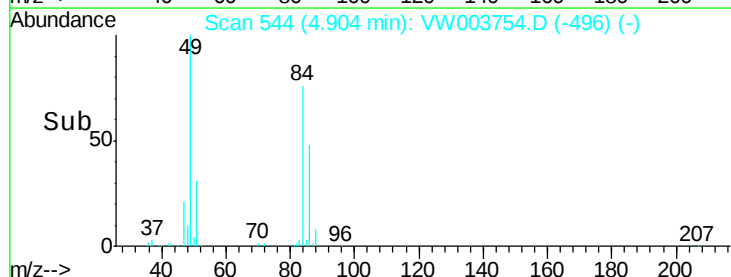
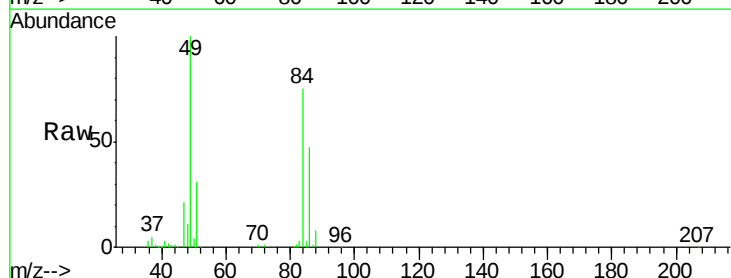
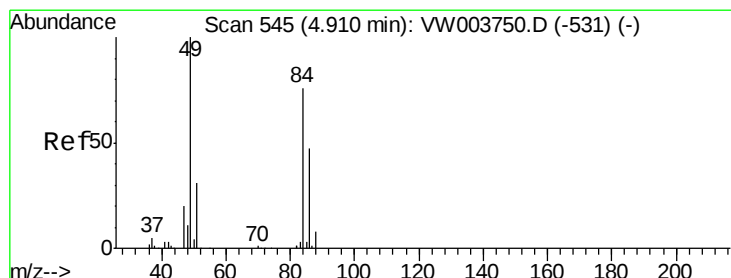
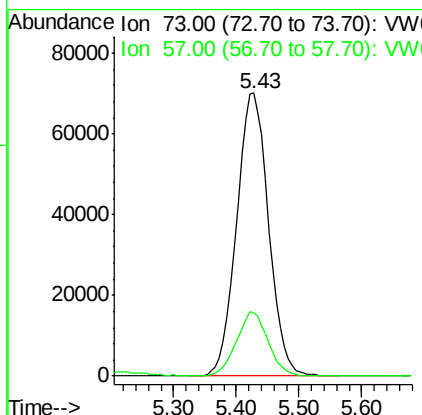
#19
Methvl tert-butvl Ether
Concen: 54.37 ug/l
RT: 5.43 min Scan# 630
Delta R.T. -0.00 min
Lab File: VW003754.D
Acq: 07 Jul 2018 01:50

Tot Ion: 73 Resp: 247198
Ion Ratio Lower Upper
73 100
57 22.3 17.9 26.9

Instrument :
MSVOA_W
ClientSampleId :
ICVW070718

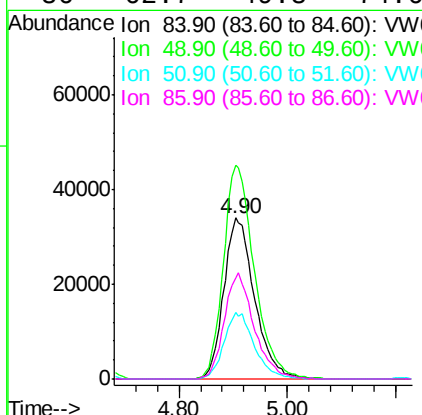
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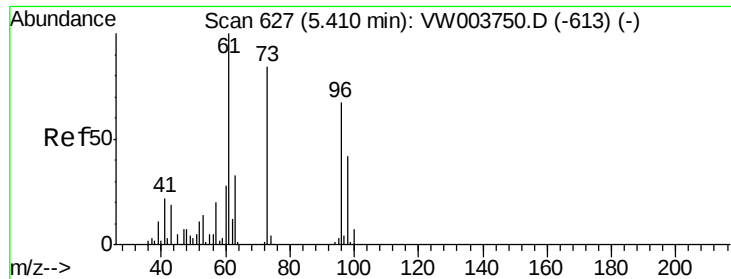
apatel
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#20
Methylene Chloride
Concen: 51.82 ug/l
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW003754.D
Acq: 07 Jul 2018 01:50

Tgt Ion: 84 Resp: 133810
Ion Ratio Lower Upper
84 100
49 132.6 105.1 157.7
51 41.2 32.5 48.7
86 62.7 49.8 74.6





#21

trans-1,2-Dichloroethene

Concen: 50.95 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.01 min

Lab File: VW003754.D

Acq: 07 Jul 2018 01:50

Instrument :

MSVOA_W

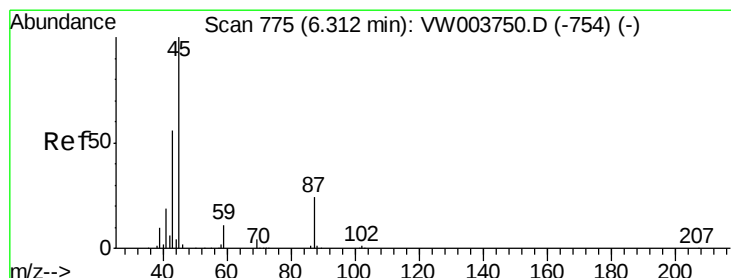
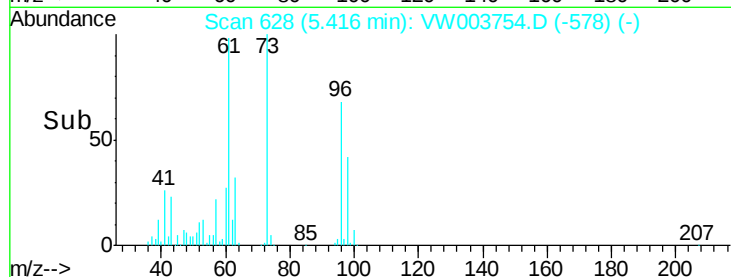
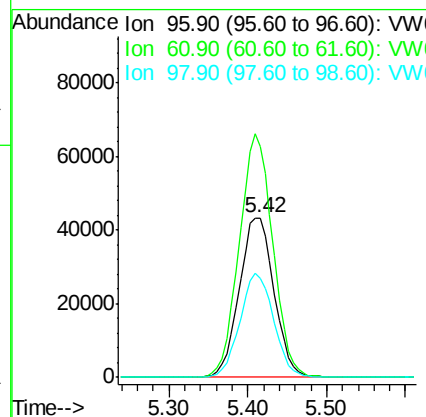
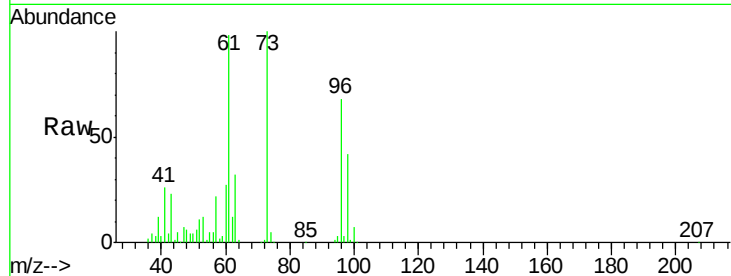
ClientSampled :

ICVW070718

Tot Ion:	96	Resp:	132716
Ion	Ratio	Lower	Upper
96	100		
61	145.0	119.0	178.6
98	62.2	49.8	74.8

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#22

Diisopropyl ether

Concen: 52.83 ug/l

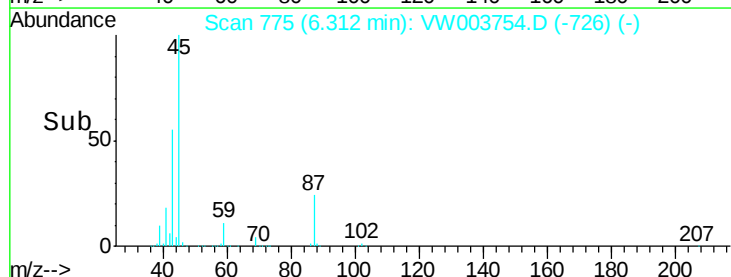
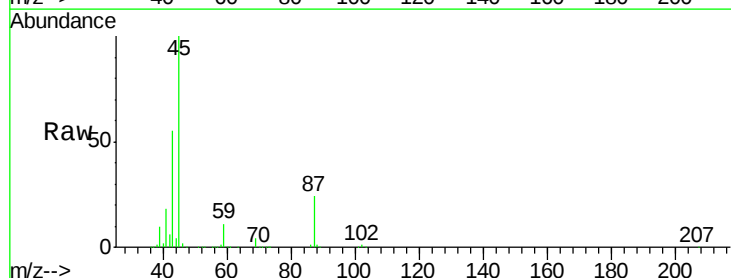
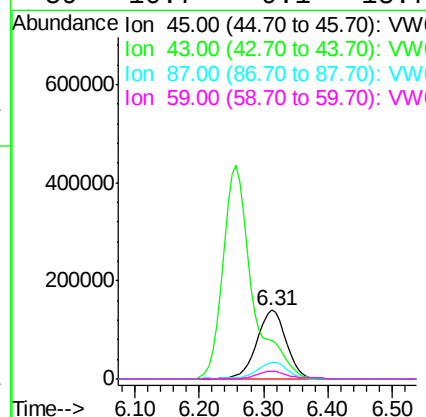
RT: 6.31 min Scan# 775

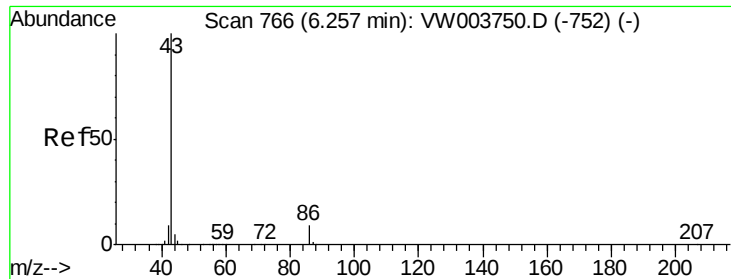
Delta R.T. -0.00 min

Lab File: VW003754.D

Acq: 07 Jul 2018 01:50

Tgt Ion:	45	Resp:	444285
Ion	Ratio	Lower	Upper
45	100		
43	54.8	44.5	66.7
87	24.1	19.6	29.4
59	10.7	9.1	13.7





#23

Vinyl Acetate

Concen: 272.25 ug/l

RT: 6.26 min Scan# 766

Delta R.T. -0.00 min

Lab File: VW003754.D

Acq: 07 Jul 2018 01:50

Instrument :

MSVOA_W

ClientSampled :

ICVW070718

Tot Ion: 43 Resp: 1397789

Ion Ratio Lower Upper

43 100

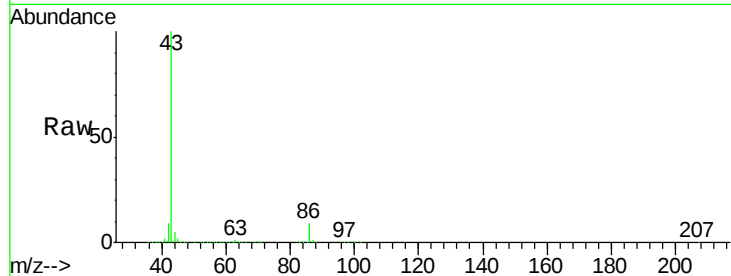
86 9.5 7.3 10.9

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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

400000

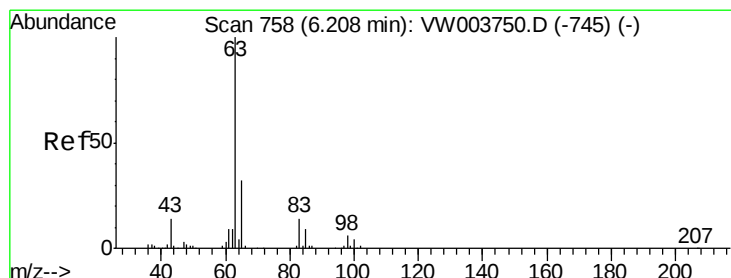
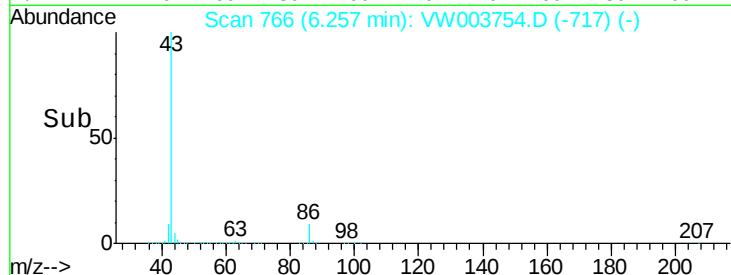
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 49.18 ug/l

RT: 6.21 min Scan# 758

Delta R.T. -0.00 min

Lab File: VW003754.D

Acq: 07 Jul 2018 01:50

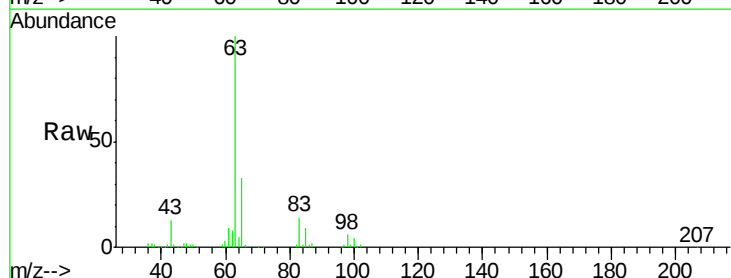
Tgt Ion: 63 Resp: 250151

Ion Ratio Lower Upper

63 100

98 5.9 3.2 9.6

100 3.9 2.1 6.2



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

100000

80000

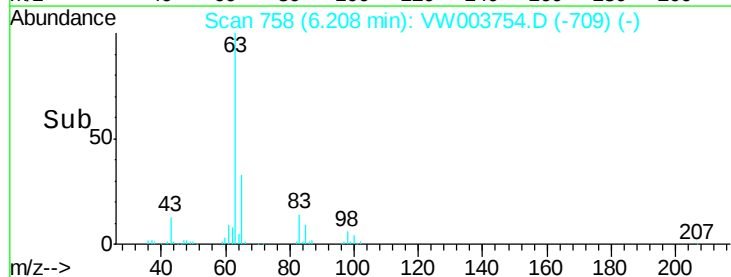
60000

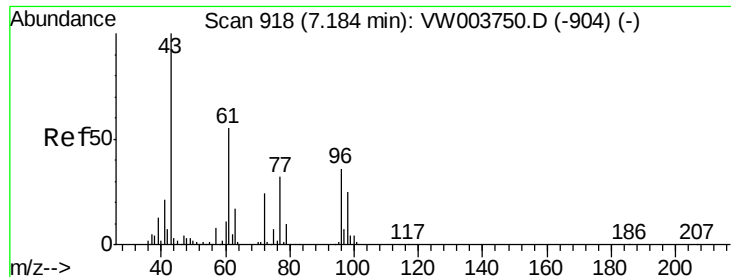
40000

20000

0

Time-->





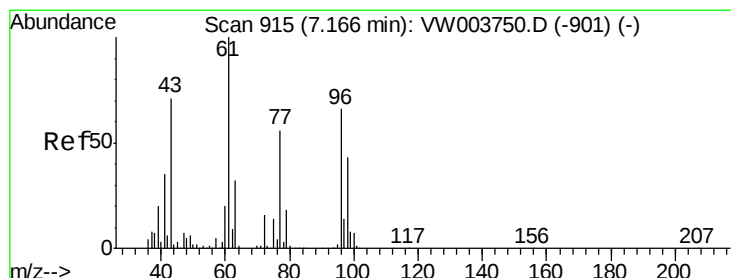
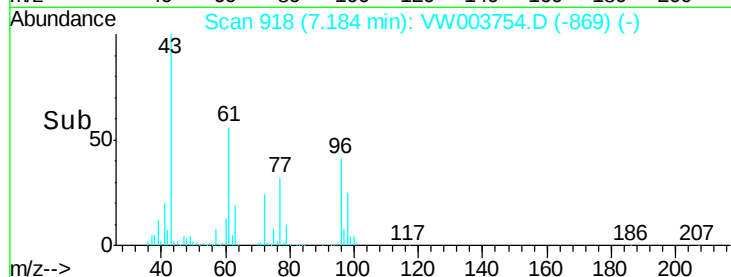
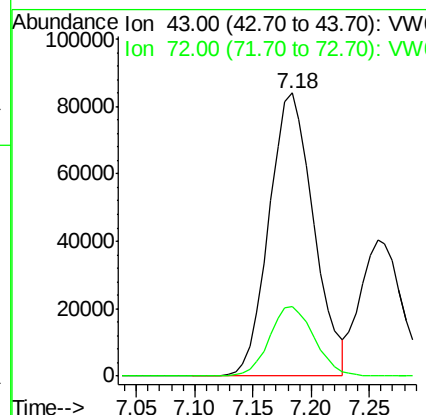
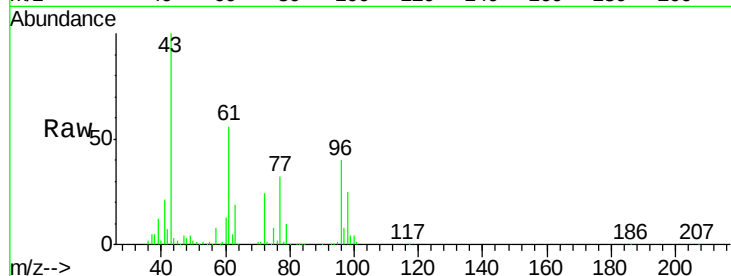
#25
2-Butanone
Concen: 268.33 ug/l
RT: 7.18 min Scan# 918
Delta R.T. -0.00 min
Lab File: VW003754.D
Acq: 07 Jul 2018 01:50

Instrument :
MSVOA_W
ClientSampleId :
ICVW070718

Tot Ion: 43 Resp: 223355
Ion Ratio Lower Upper
43 100
72 24.4 19.4 29.2

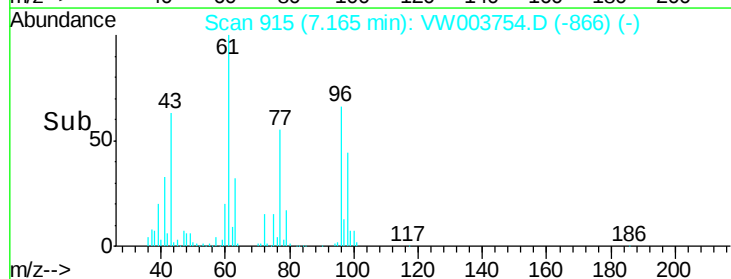
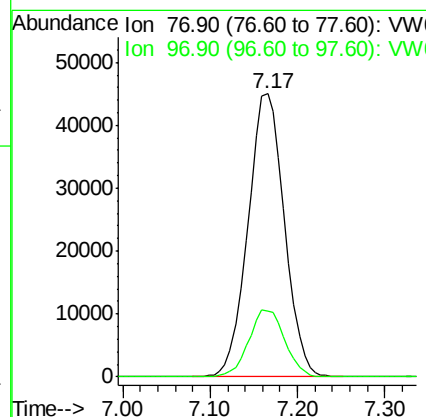
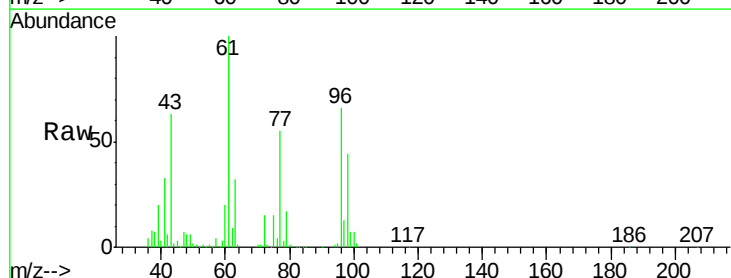
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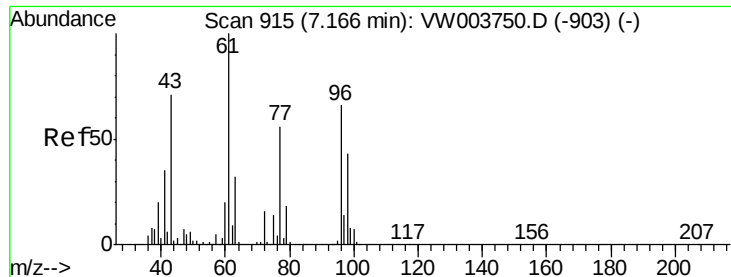
apatel
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#26
2,2-Dichloropropane
Concen: 47.09 ug/l
RT: 7.17 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW003754.D
Acq: 07 Jul 2018 01:50

Tgt Ion: 77 Resp: 129917
Ion Ratio Lower Upper
77 100
97 23.6 11.5 34.5





#27

cis-1,2-Dichloroethene

Concen: 49.97 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW003754.D

Acq: 07 Jul 2018 01:50

Instrument :

MSVOA_W

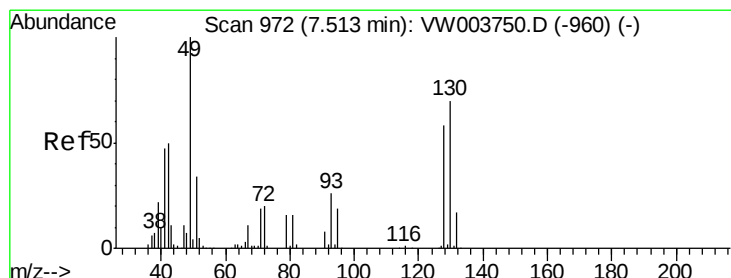
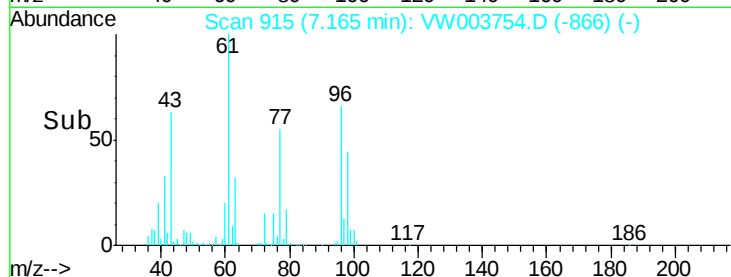
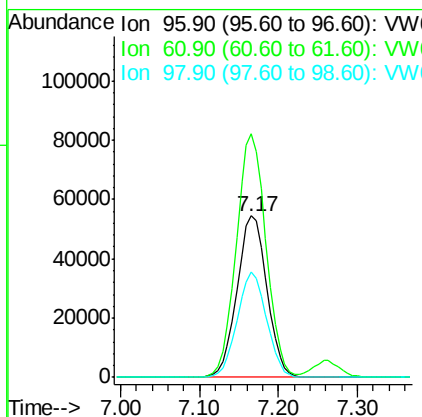
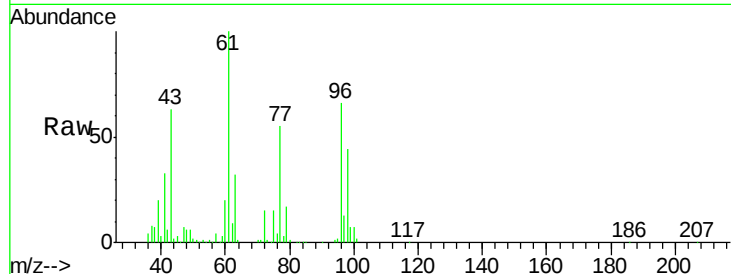
ClientSampled :

ICVW070718

Tot Ion:	96	Resp:	143945
Ion	Ratio	Lower	Upper
96	100		
61	149.7	0.0	300.8
98	64.2	0.0	128.6

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#28

Bromochloromethane

Concen: 47.00 ug/l

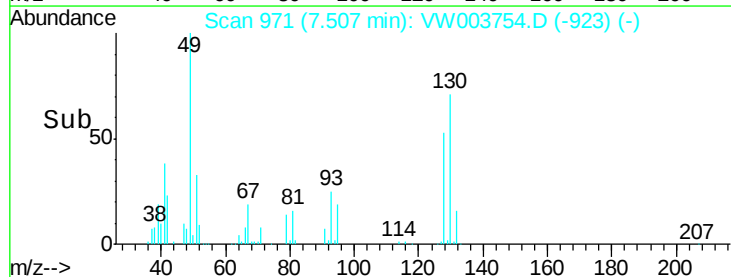
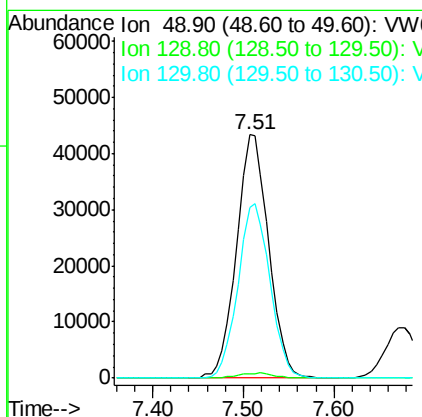
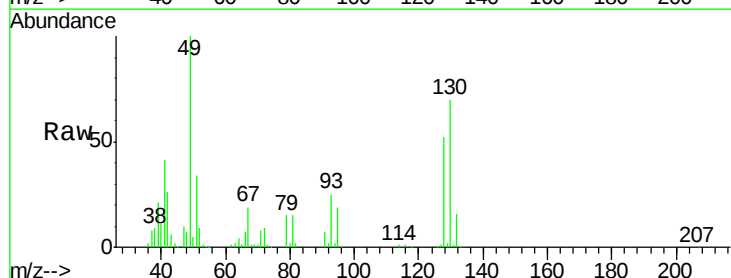
RT: 7.51 min Scan# 971

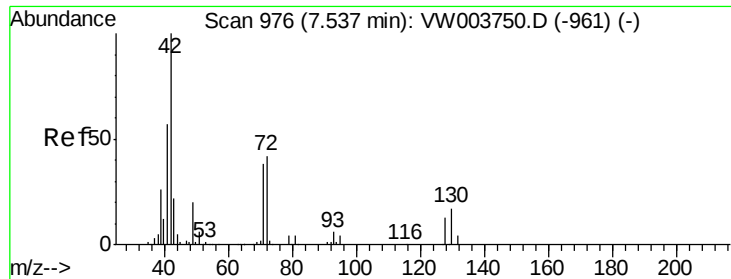
Delta R.T. -0.01 min

Lab File: VW003754.D

Acq: 07 Jul 2018 01:50

Tgt Ion:	49	Resp:	106511
Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.4
130	71.5	56.9	85.3





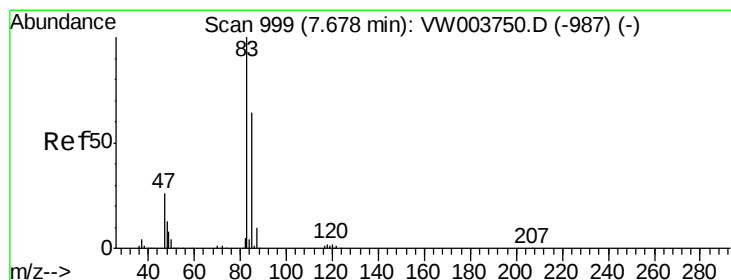
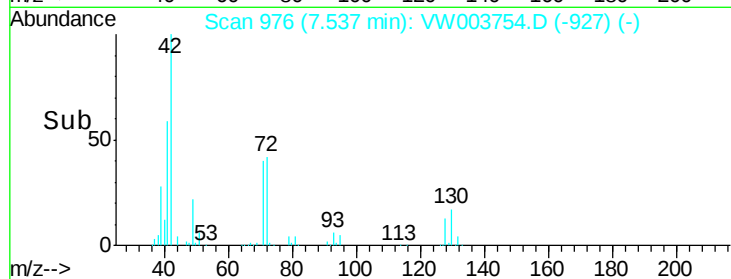
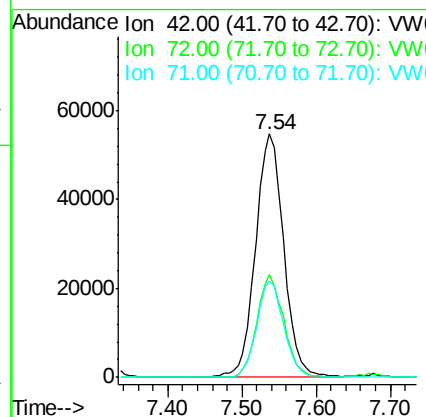
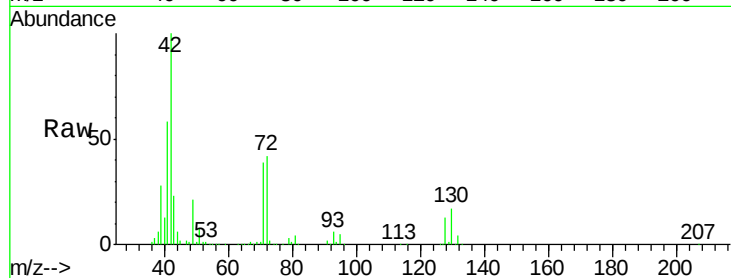
#29
Tetrahydrofuran
Concen: 272.77 ug/l
RT: 7.54 min Scan# 976
Delta R.T. -0.00 min
Lab File: VW003754.D
Acq: 07 Jul 2018 01:50

Instrument :
MSVOA_W
ClientSampleId :
ICVW070718

Tot Ion:	42	Resp:	145961
Ion Ratio		Lower	Upper
42	100		
72	40.1	31.8	47.8
71	38.2	30.3	45.5

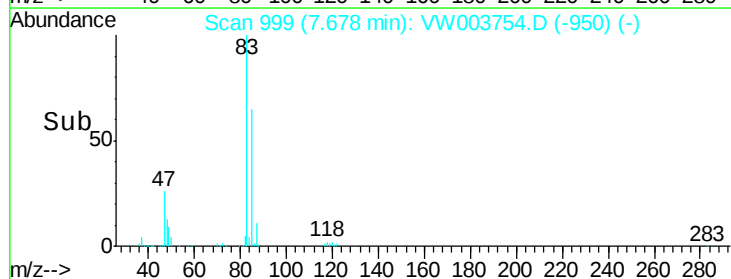
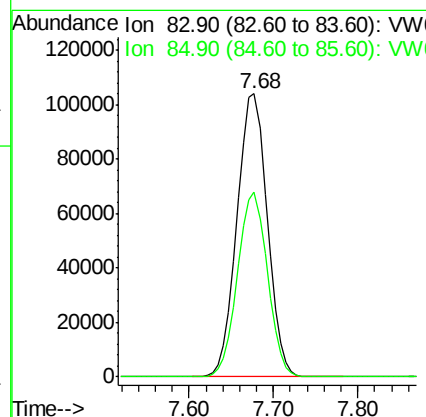
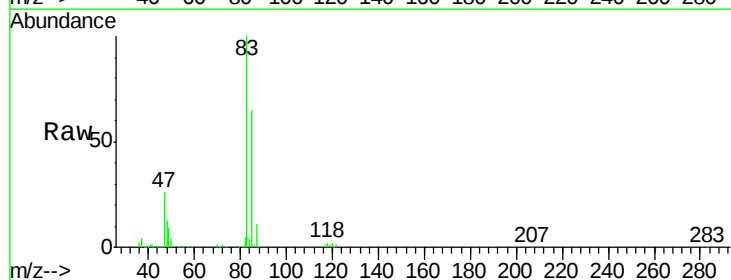
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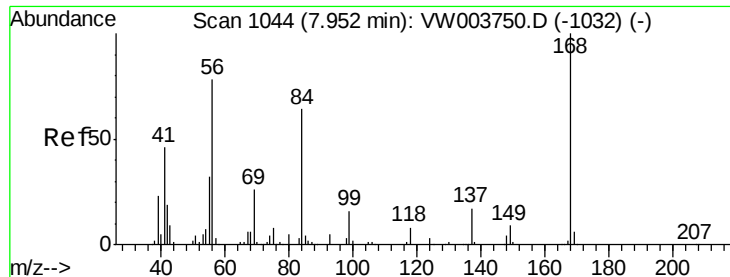
apatel
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#30
Chloroform
Concen: 48.81 ug/l
RT: 7.68 min Scan# 999
Delta R.T. -0.00 min
Lab File: VW003754.D
Acq: 07 Jul 2018 01:50

Tgt Ion:	83	Resp:	253277
Ion Ratio		Lower	Upper
83	100		
85	65.2	51.5	77.3





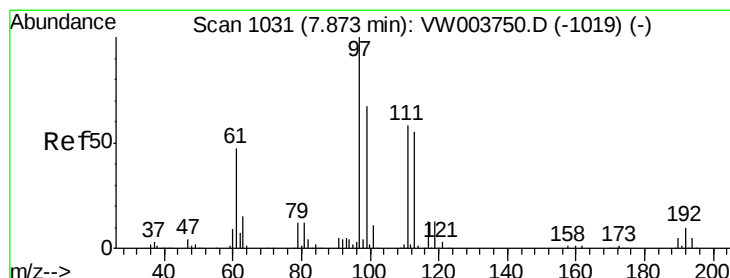
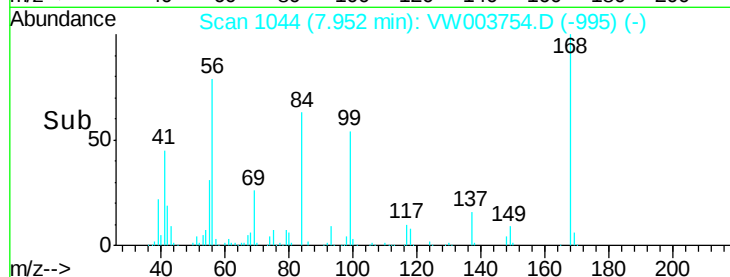
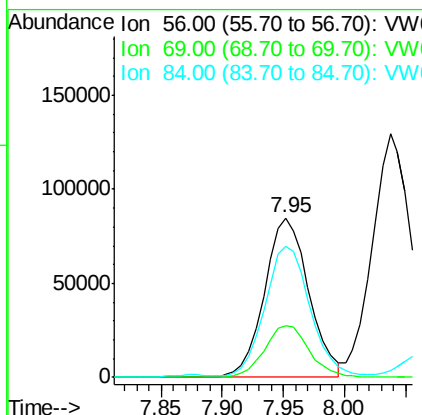
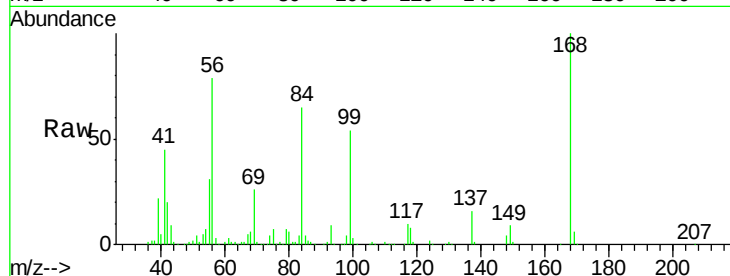
#31
Cyclohexane
Concen: 47.76 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.00 min
Lab File: VW003754.D
Acq: 07 Jul 2018 01:50

Instrument :
MSVOA_W
ClientSampleId :
ICVW070718

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.8	26.2	39.4
84	80.7	65.5	98.3

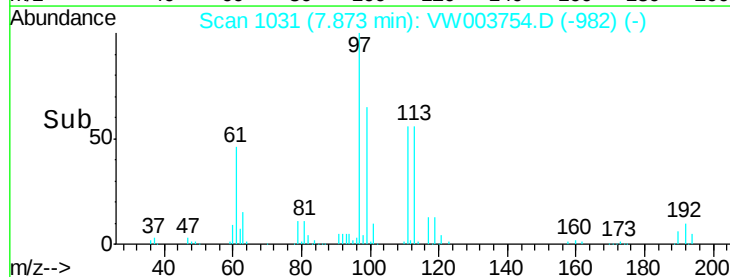
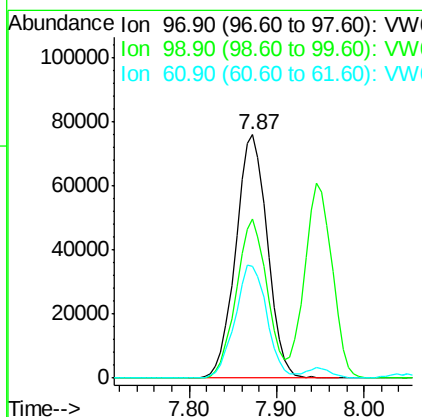
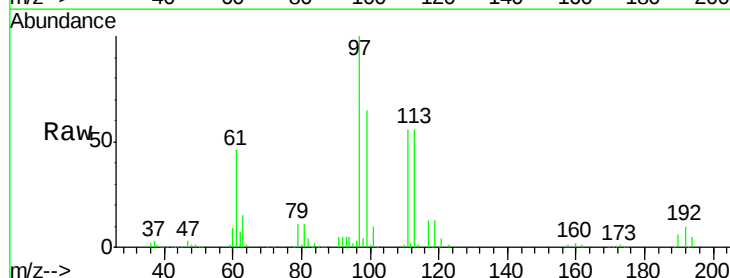
Manual Integrations
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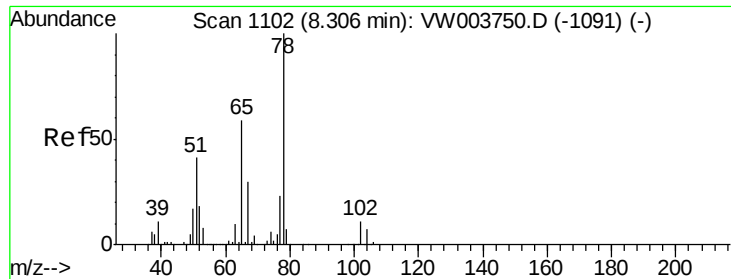
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#32
1,1,1-Trichloroethane
Concen: 48.35 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VW003754.D
Acq: 07 Jul 2018 01:50

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.2	76.8
61	46.8	37.6	56.4





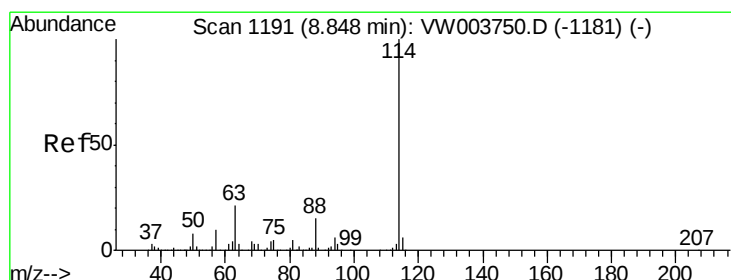
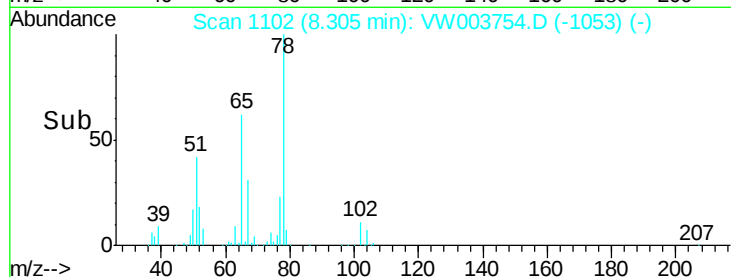
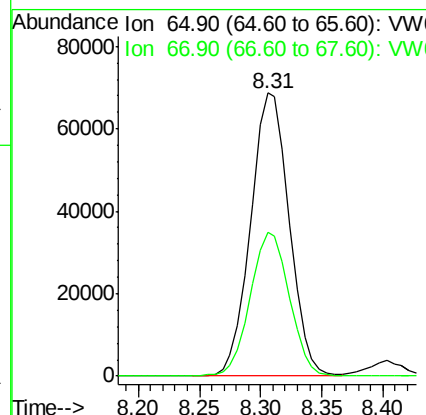
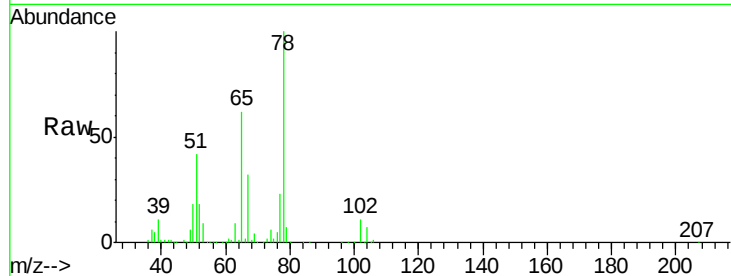
#33
 1,2-Dichloroethane-d4
 Concen: 49.26 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: VW003754.D
 Acq: 07 Jul 2018 01:50

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW070718

Tot Ion	Ratio	Resp	Lower	Upper
65	100	150881		
67	51.5	0.0	103.8	

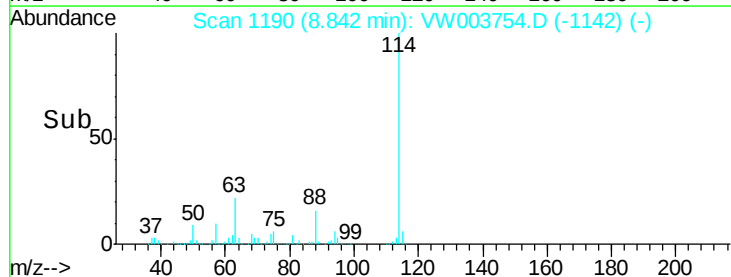
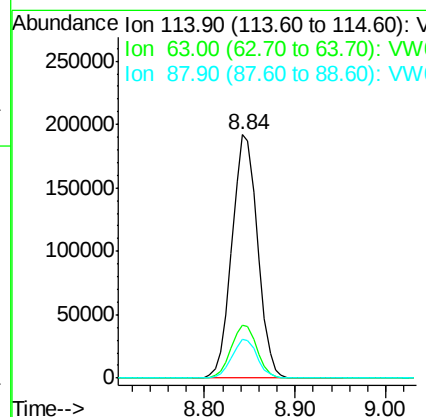
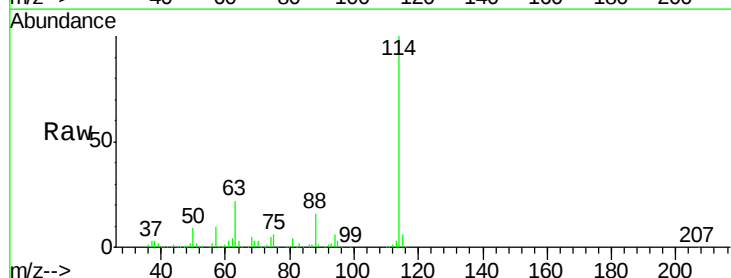
Manual Integrations
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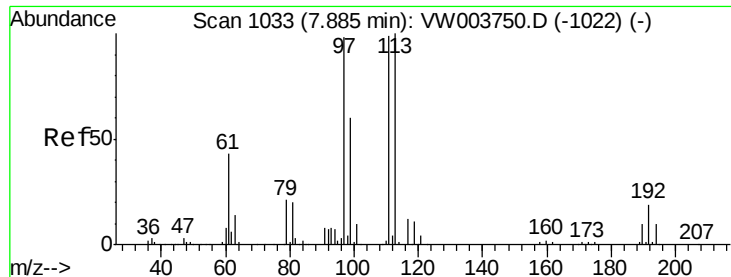
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.84 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: VW003754.D
 Acq: 07 Jul 2018 01:50

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	376140		
63	21.7	0.0	41.8	
88	16.1	0.0	30.2	





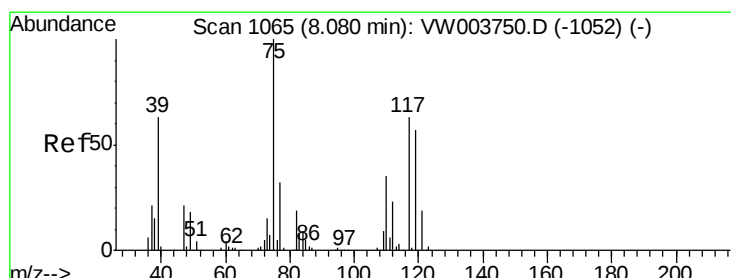
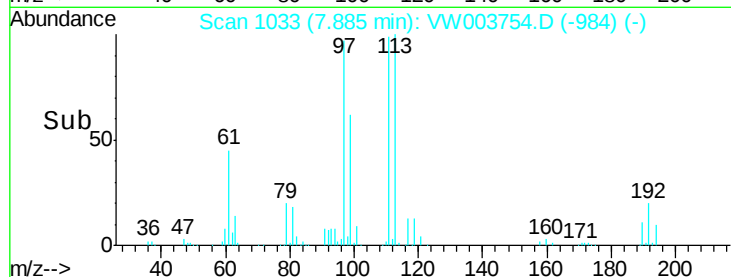
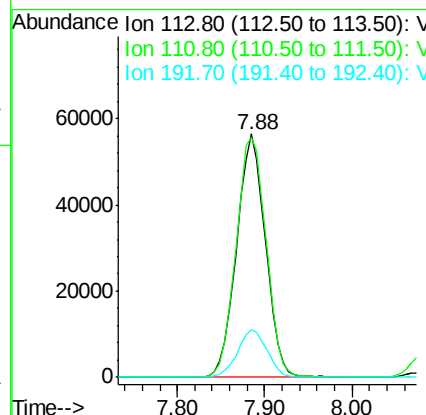
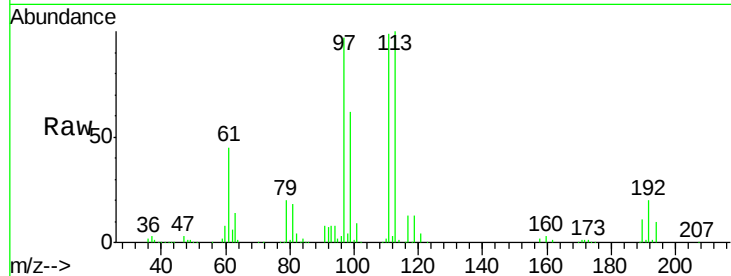
#35
 Dibromofluoromethane
 Concen: 49.14 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW003754.D
 Acq: 07 Jul 2018 01:50

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW070718

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.7	122.5
192	19.8	15.8	23.8

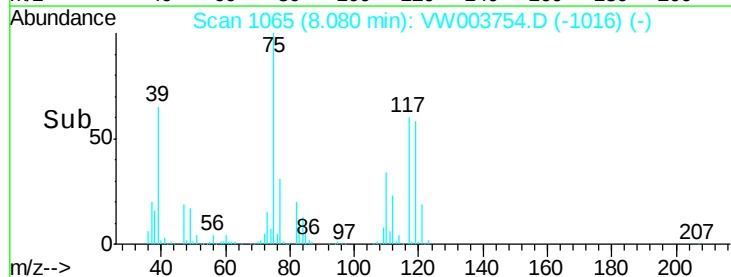
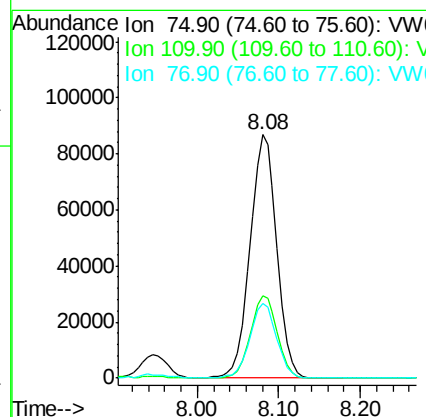
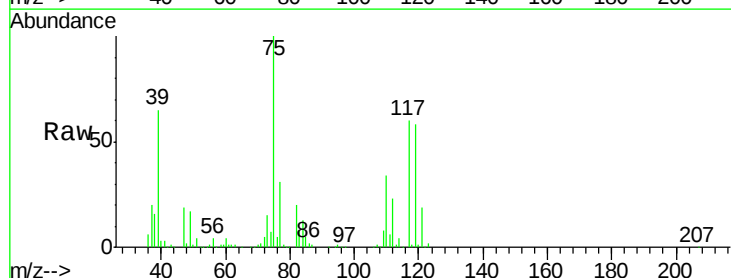
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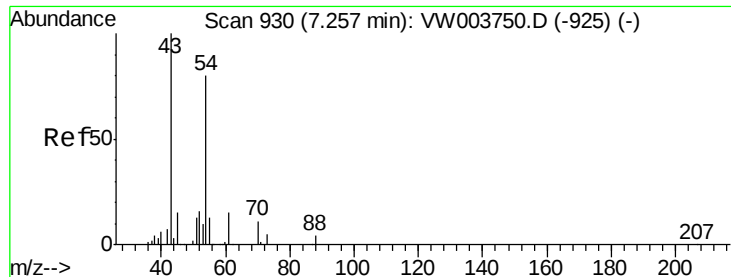
apatel
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#36
 1,1-Dichloropropene
 Concen: 49.54 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: VW003754.D
 Acq: 07 Jul 2018 01:50

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.8	16.9	50.6
77	30.8	24.8	37.2





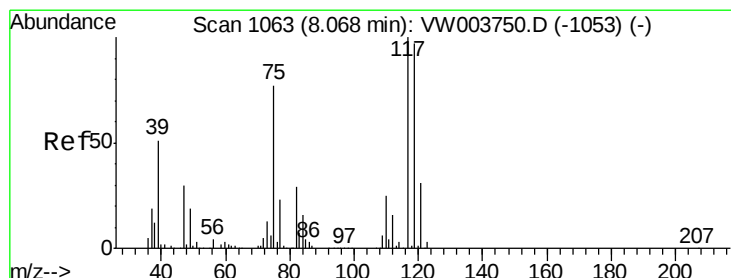
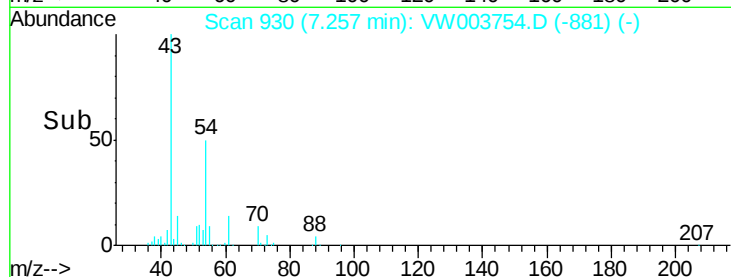
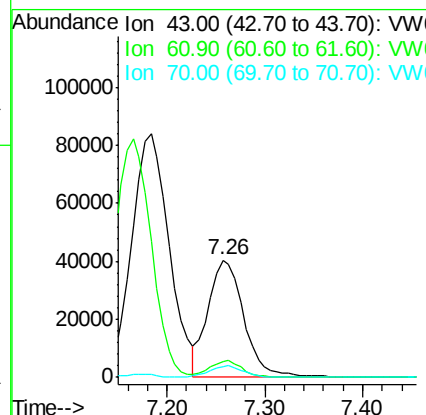
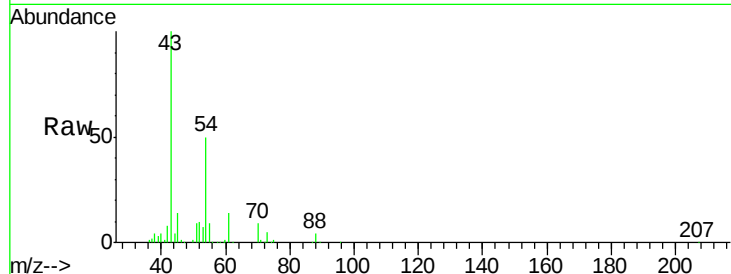
#37
Ethyl Acetate
Concen: 52.66 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.00 min
Lab File: VW003754.D
Acq: 07 Jul 2018 01:50

Instrument :
MSVOA_W
ClientSampled :
ICVW070718

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.0	10.6	15.8
70	9.4	7.5	11.3

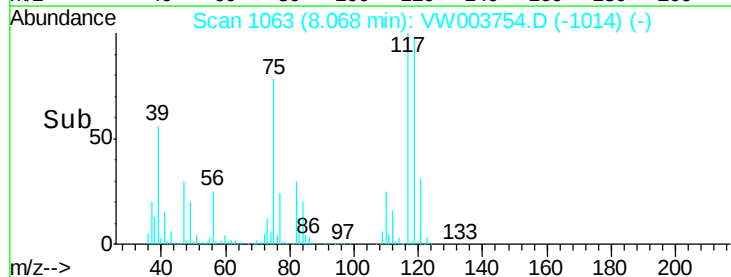
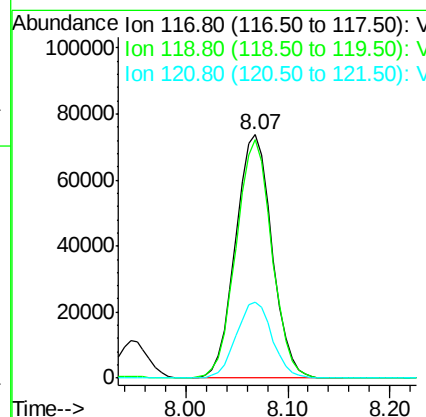
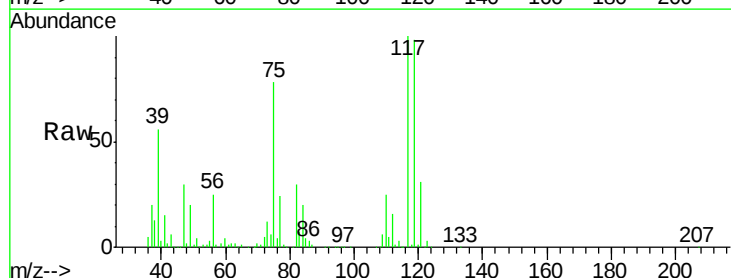
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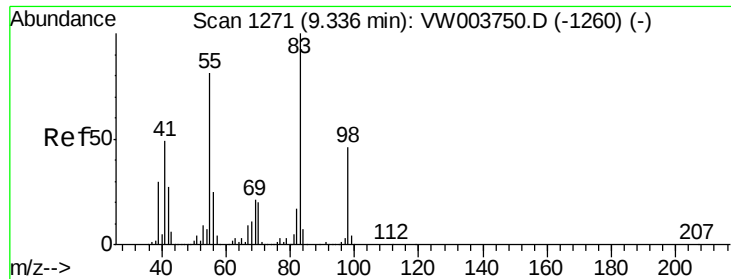
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#38
Carbon Tetrachloride
Concen: 48.02 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VW003754.D
Acq: 07 Jul 2018 01:50

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.8	77.4	116.2
121	31.3	24.6	37.0





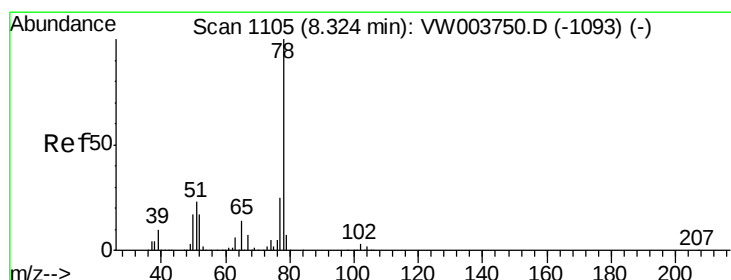
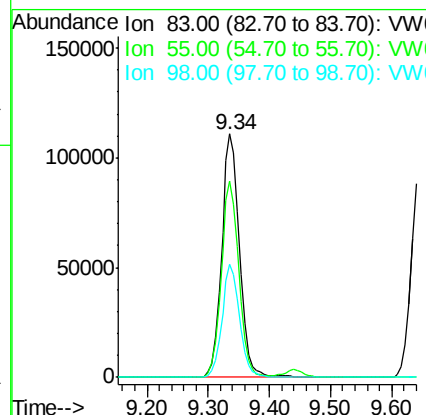
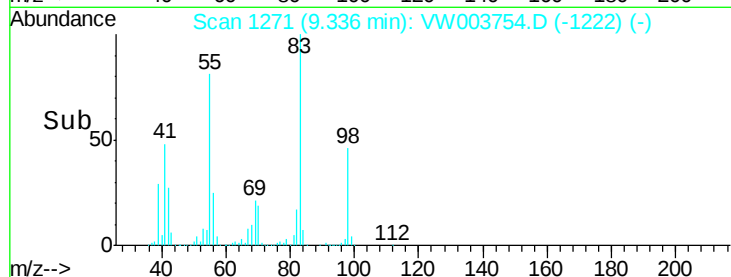
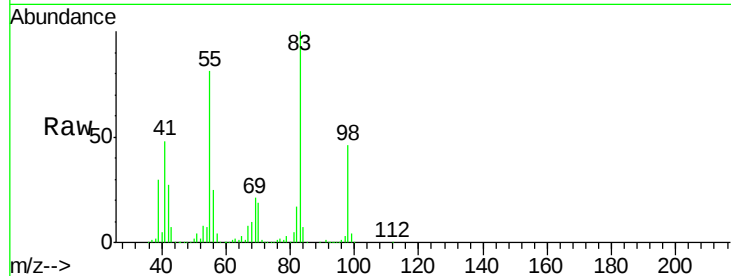
#39
Methvlcvclohexane
Concen: 51.93 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VW003754.D
Acq: 07 Jul 2018 01:50

Instrument :
MSVOA_W
ClientSampled :
ICVW070718

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	80.6	65.1	97.7	
98	46.3	36.7	55.1	

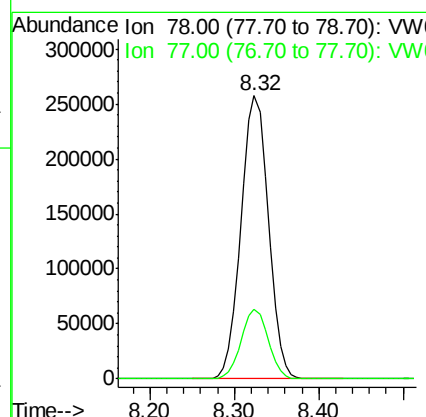
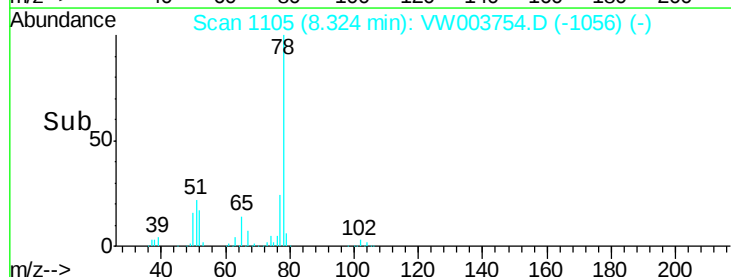
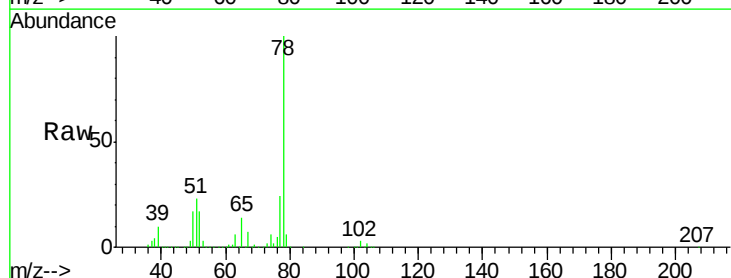
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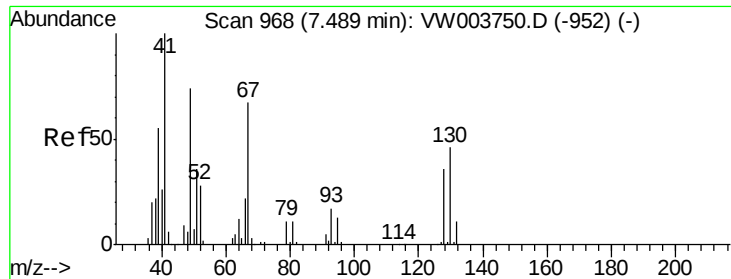
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#40
Benzene
Concen: 49.43 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VW003754.D
Acq: 07 Jul 2018 01:50

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	24.5	19.7	29.5	





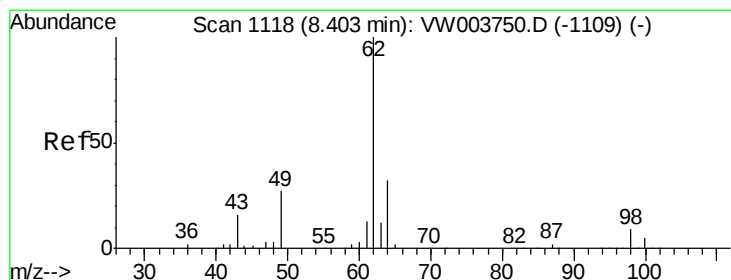
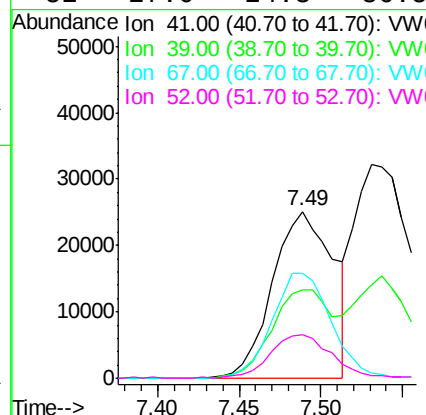
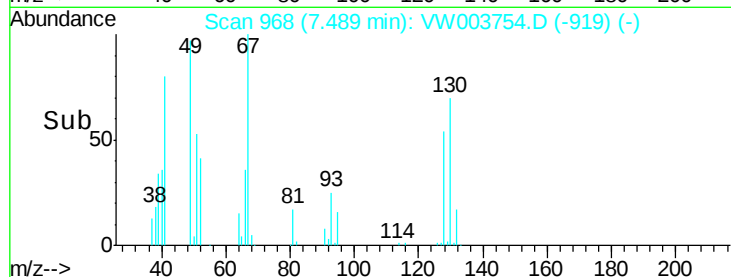
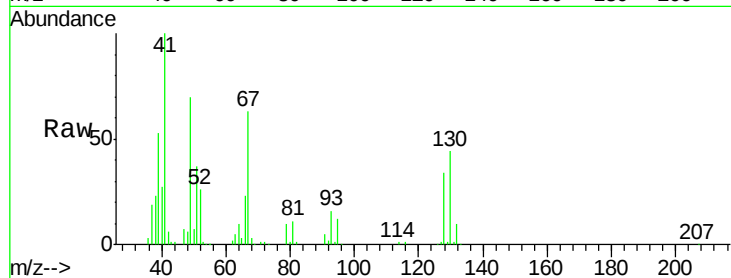
#41
Methacrylonitrile
Concen: 58.07 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.00 min
Lab File: VW003754.D
Acq: 07 Jul 2018 01:50

Instrument :
MSVOA_W
ClientSampleId :
ICVW070718

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	49.6	49.5	74.3	
67	61.4	53.8	80.8	
52	27.0	24.3	36.5	

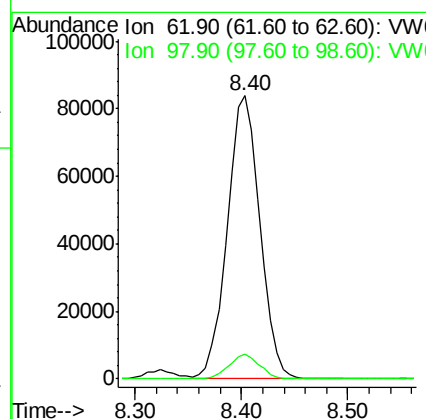
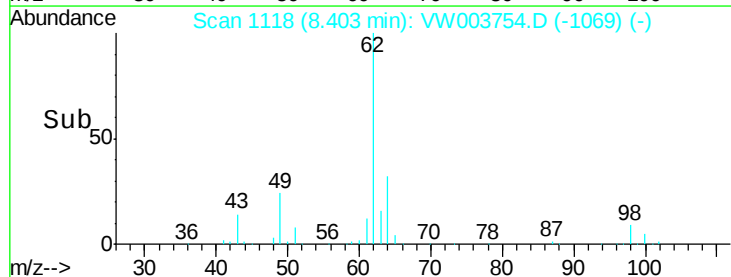
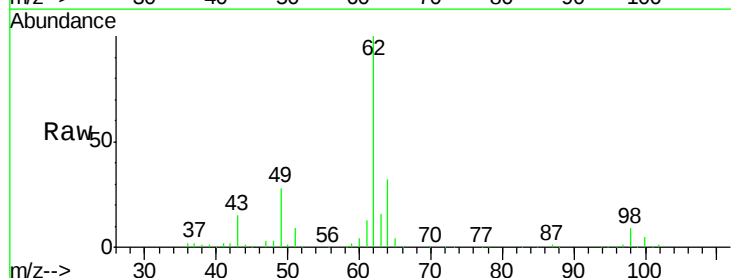
Manual Integrations
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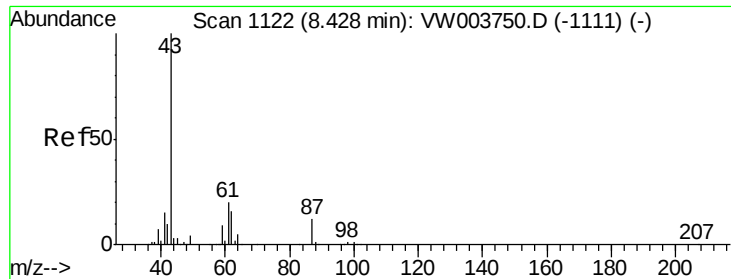
apatel
7/9/2018 10:26:18 AM



#42
1,2-Dichloroethane
Concen: 48.61 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. -0.00 min
Lab File: VW003754.D
Acq: 07 Jul 2018 01:50

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.3	0.0	16.4	





#43

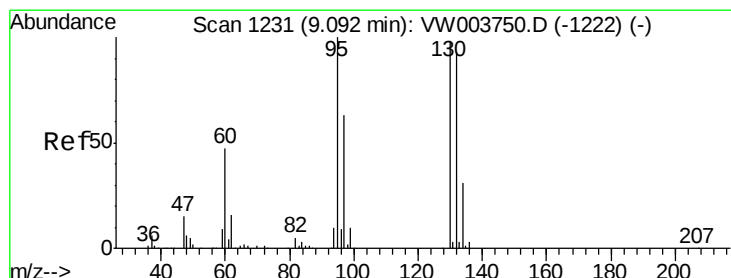
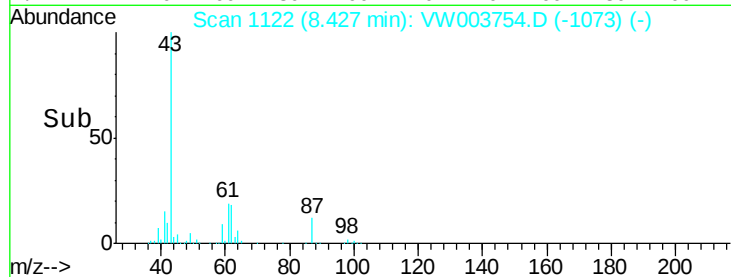
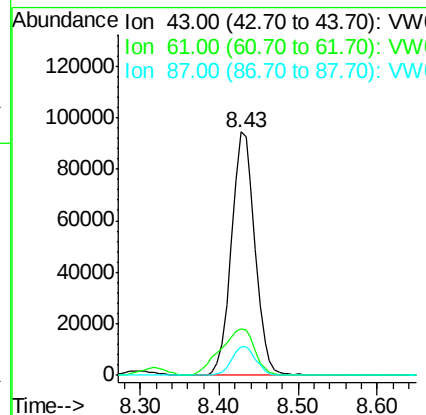
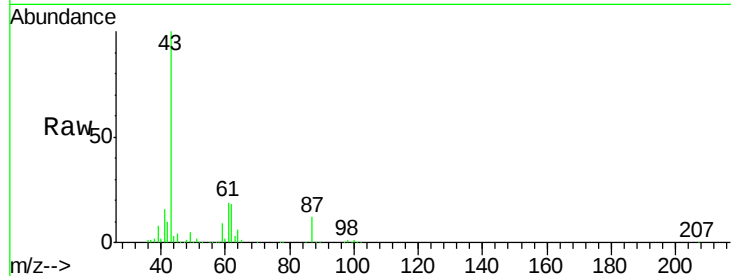
Isopropyl Acetate
 Concen: 52.87 ug/l
 RT: 8.43 min Scan# 1122
 Delta R.T. -0.00 min
 Lab File: VW003754.D
 Acq: 07 Jul 2018 01:50

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW070718

Tot Ion	Ratio	Lower	Upper
43	100		
61	28.1	22.8	34.2
87	12.1	9.5	14.3

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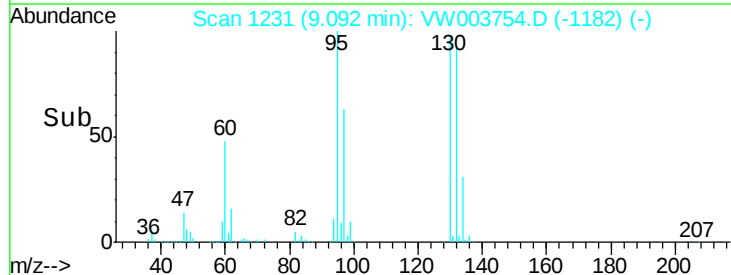
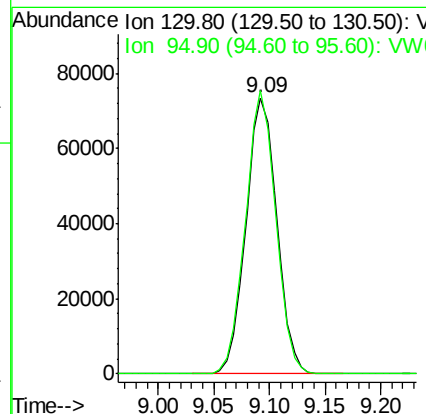
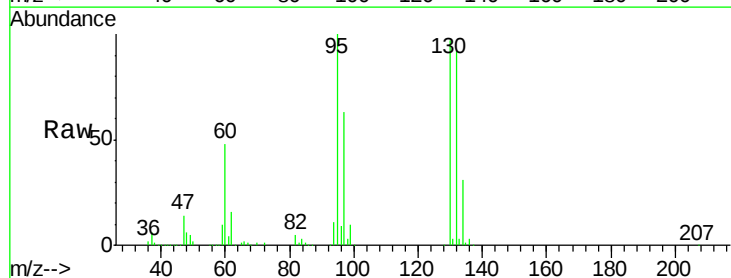
apatel
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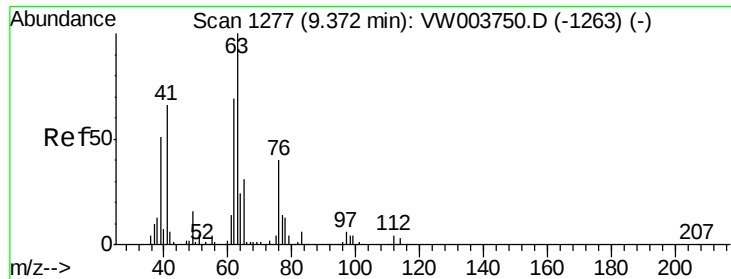


#44

Trichloroethene
 Concen: 49.24 ug/l
 RT: 9.09 min Scan# 1231
 Delta R.T. -0.00 min
 Lab File: VW003754.D
 Acq: 07 Jul 2018 01:50

Tgt Ion	Ratio	Lower	Upper
130	100		
95	102.6	0.0	203.8





#45

1,2-Dichloropropane

Concen: 49.61 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. -0.00 min

Lab File: VW003754.D

Acq: 07 Jul 2018 01:50

Instrument :

MSVOA_W

ClientSampled :

ICVW070718

Tot Ion: 63 Resp: 147170

Ion Ratio Lower Upper

63 100

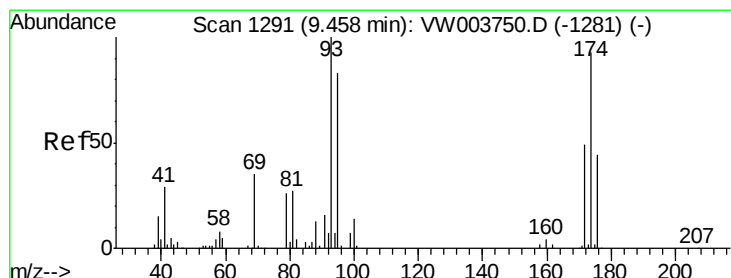
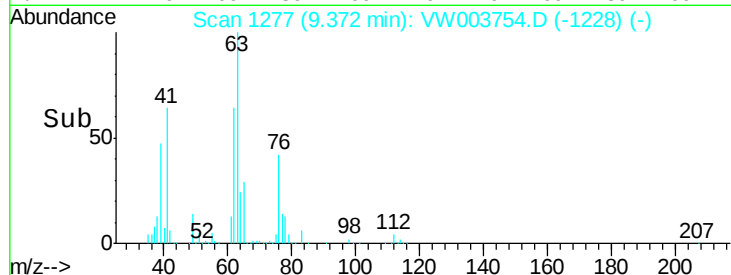
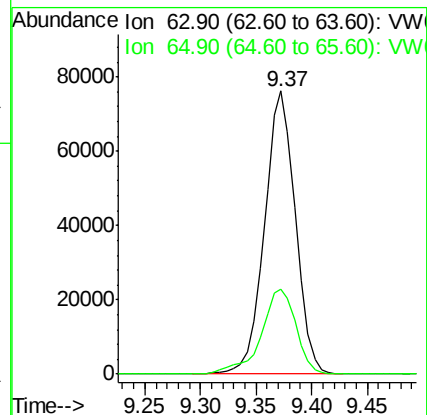
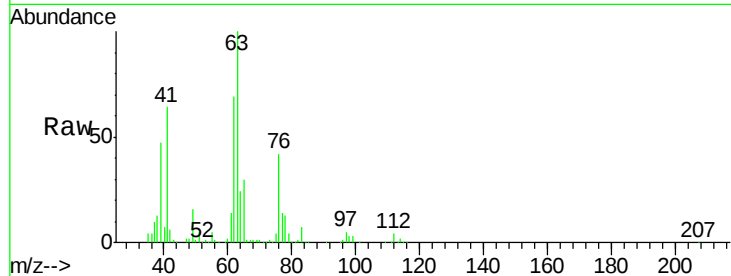
65 30.0 24.9 37.3

Manual Integrations

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#46

Dibromomethane

Concen: 49.50 ug/l

RT: 9.46 min Scan# 1291

Delta R.T. -0.00 min

Lab File: VW003754.D

Acq: 07 Jul 2018 01:50

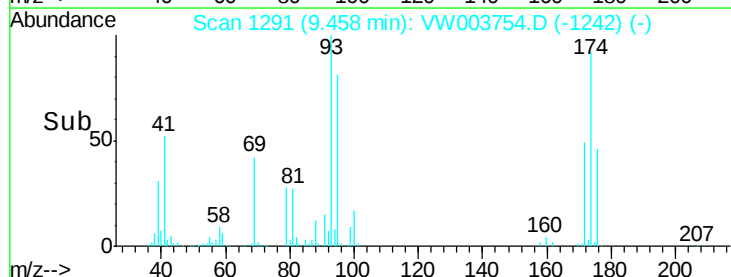
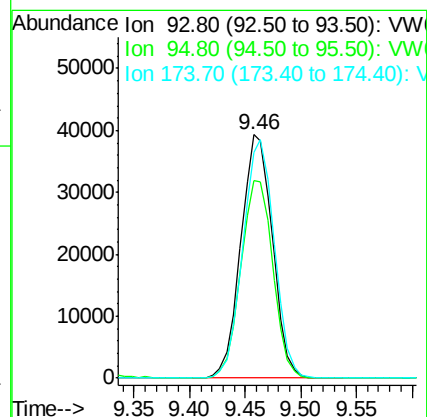
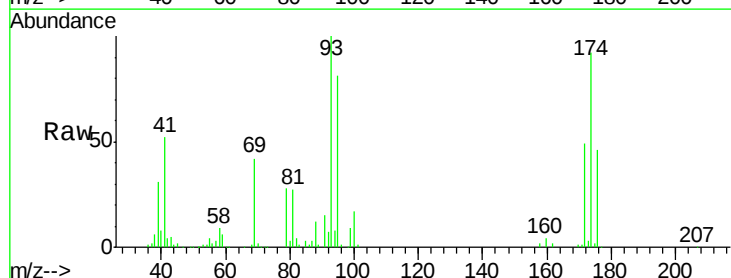
Tgt Ion: 93 Resp: 77219

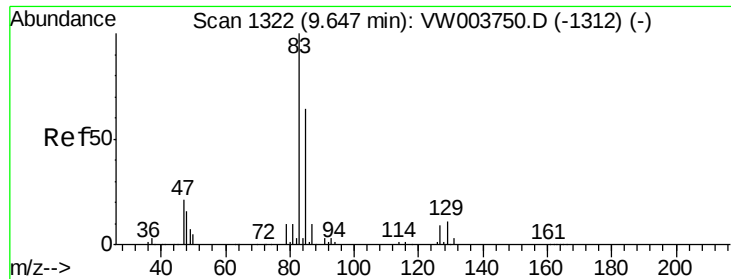
Ion Ratio Lower Upper

93 100

95 82.3 67.2 100.8

174 97.7 78.1 117.1





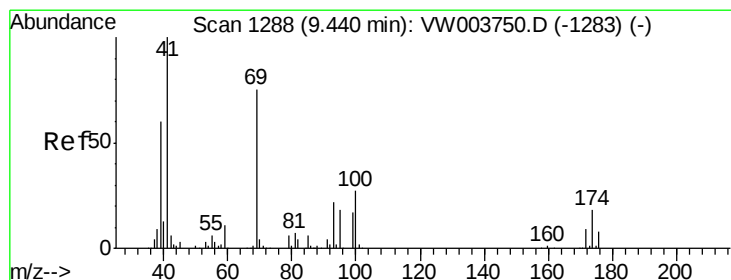
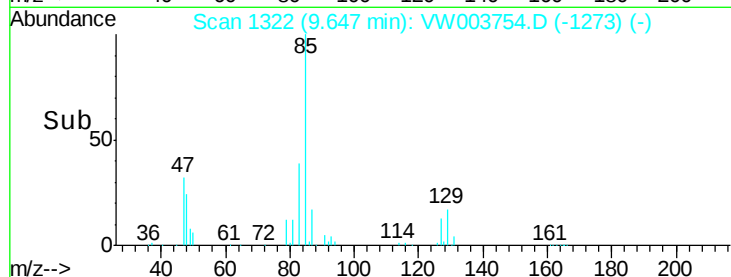
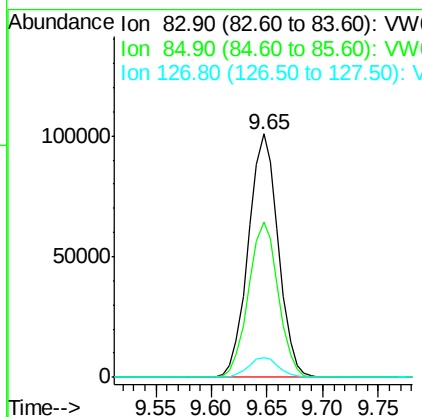
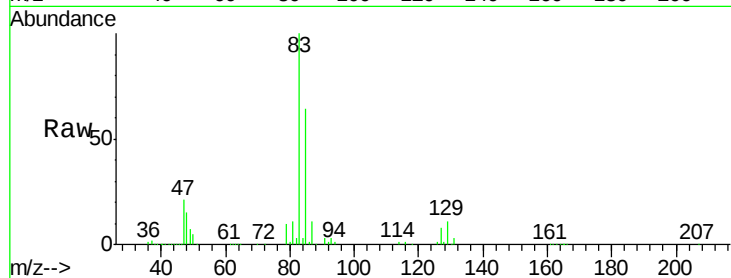
#47
Bromodichloromethane
Concen: 48.97 ug/l
RT: 9.65 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VW003754.D
Acq: 07 Jul 2018 01:50

Instrument :
MSVOA_W
ClientSampleId :
ICVW070718

Tot Ion	83	Resp	187924
Ion Ratio	100		
85	63.9	51.4	77.0
127	8.3	6.8	10.2

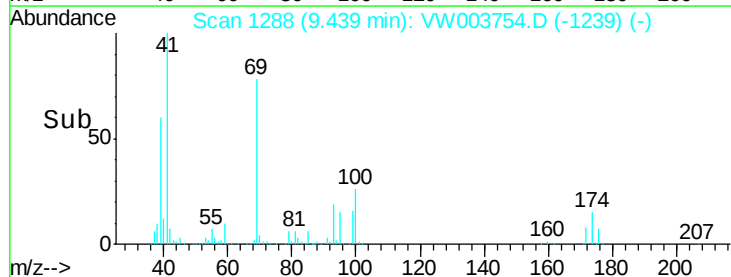
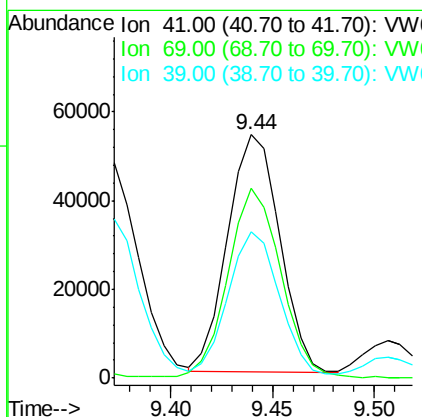
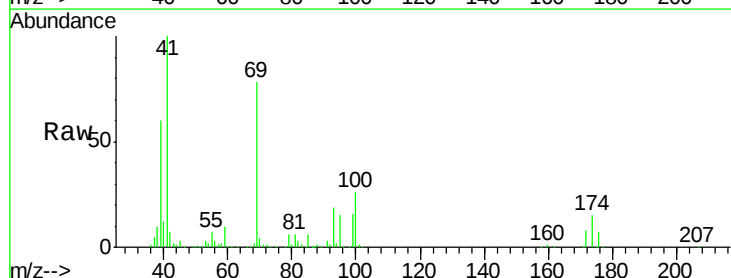
Manual Integrations
APPROVED

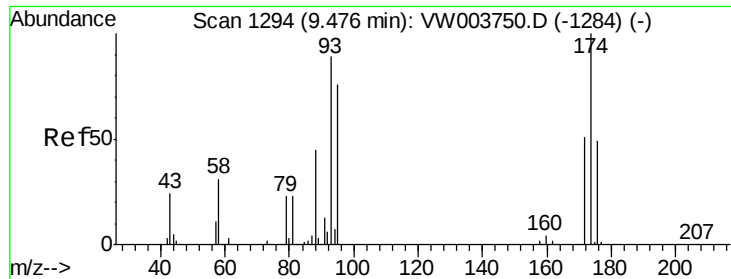
apatel
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#48
Methyl methacrylate
Concen: 53.97 ug/l
RT: 9.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VW003754.D
Acq: 07 Jul 2018 01:50

Tgt Ion	41	Resp	94598
Ion Ratio	100		
69	81.5	63.8	95.8
39	61.7	50.2	75.2





#49

1,4-Dioxane

Concen: 1070.17 ug/l

RT: 9.48 min Scan# 1295

Delta R.T. 0.01 min

Lab File: VW003754.D

Acq: 07 Jul 2018 01:50

Instrument :

MSVOA_W

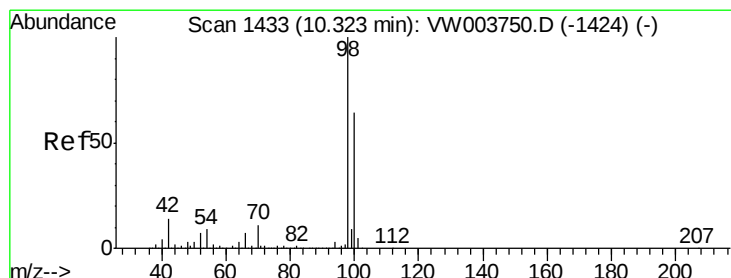
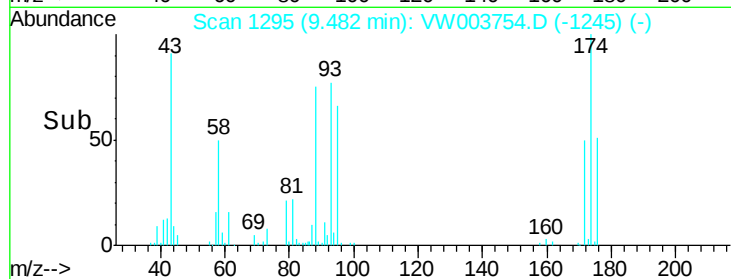
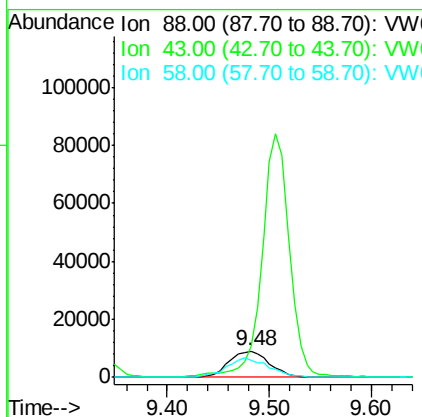
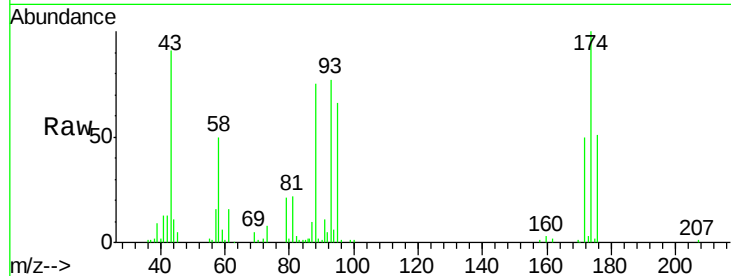
ClientSampled :

ICVW070718

Tot Ion:	88	Resp:	24950
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	76.6	59.7	89.5

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#50

Toluene-d8

Concen: 50.88 ug/l

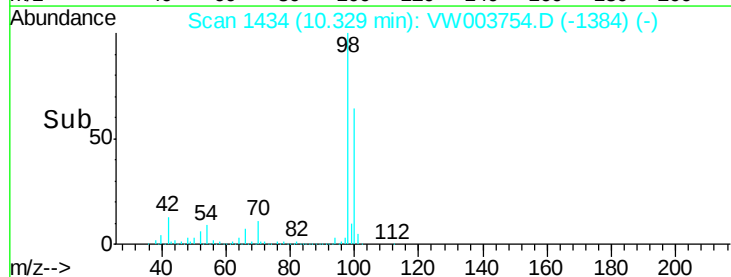
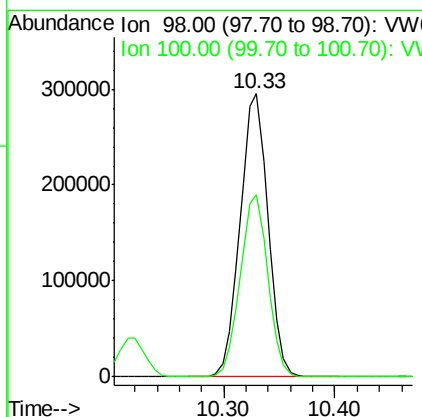
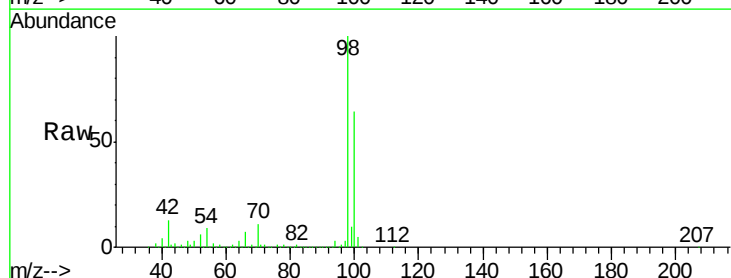
RT: 10.33 min Scan# 1434

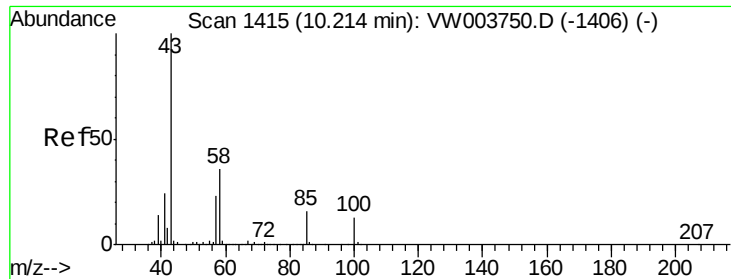
Delta R.T. 0.01 min

Lab File: VW003754.D

Acq: 07 Jul 2018 01:50

Tgt Ion:	98	Resp:	512377
Ion	Ratio	Lower	Upper
98	100		
100	64.0	50.8	76.2





#51

4-Methyl-2-Pentanone

Concen: 273.71 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. -0.00 min

Lab File: VW003754.D

Acq: 07 Jul 2018 01:50

Instrument :

MSVOA_W

ClientSampled :

ICVW070718

Tot Ion: 43 Resp: 521291

Ion Ratio Lower Upper

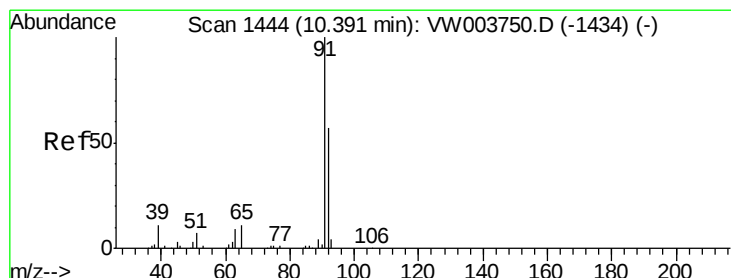
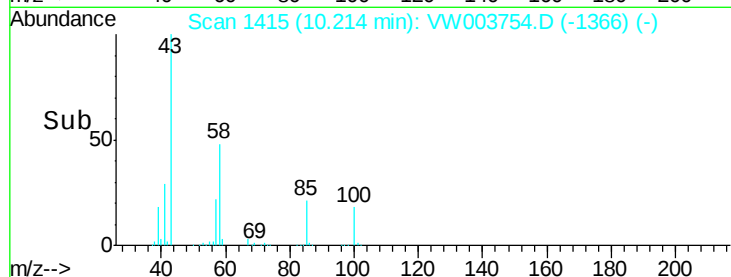
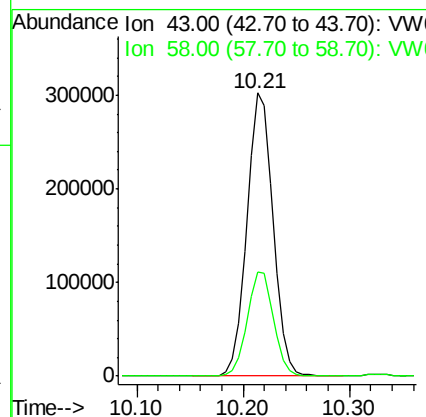
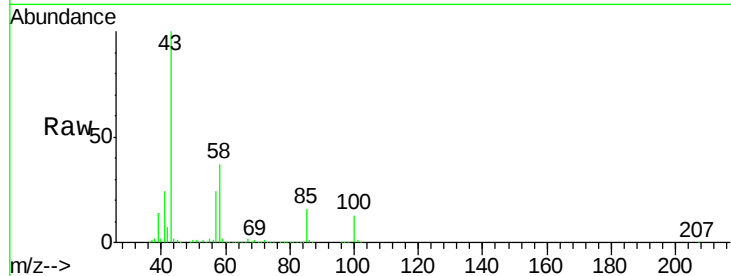
43 100

58 37.0 29.3 43.9

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#52

Toluene

Concen: 49.60 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.00 min

Lab File: VW003754.D

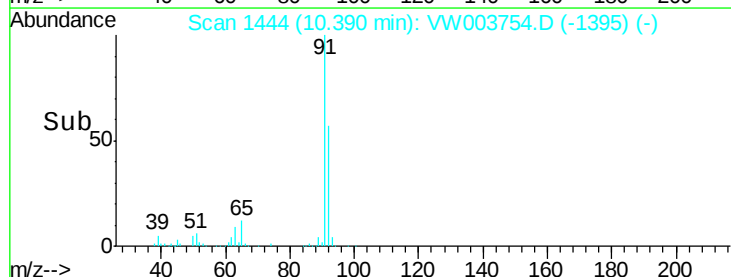
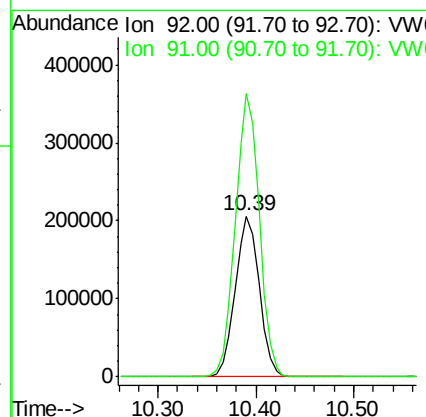
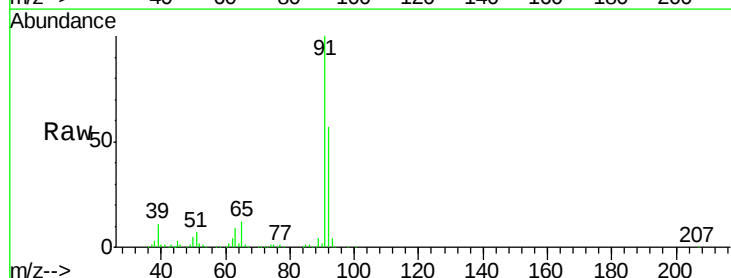
Acq: 07 Jul 2018 01:50

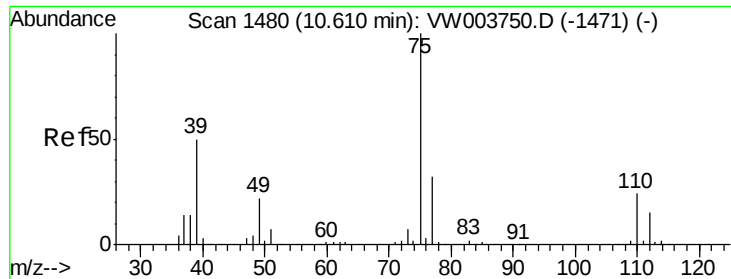
Tgt Ion: 92 Resp: 350943

Ion Ratio Lower Upper

92 100

91 175.7 140.6 211.0





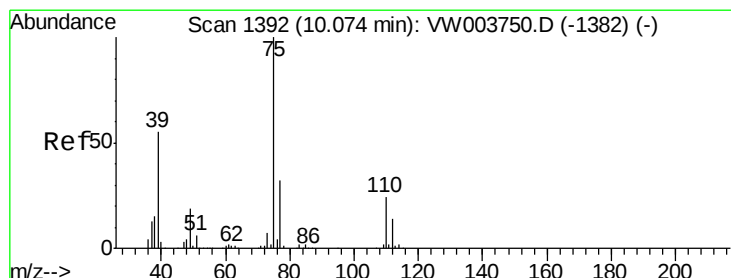
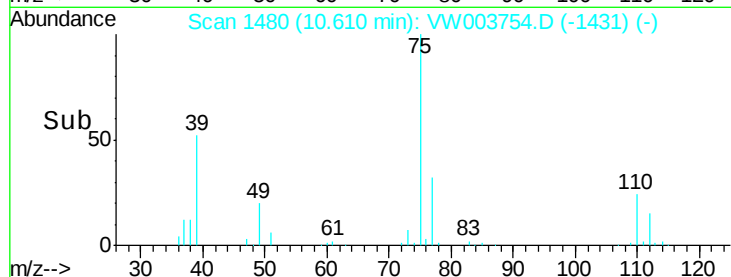
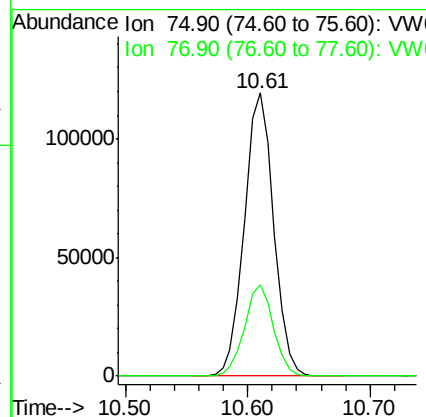
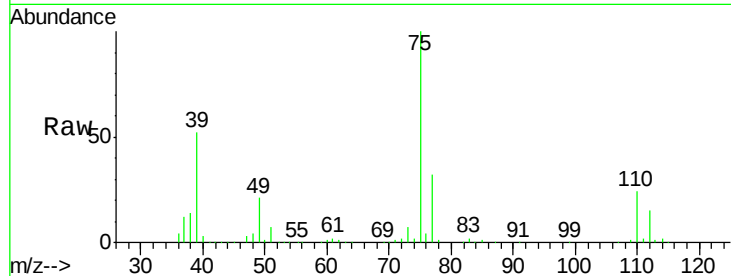
#53
t-1,3-Dichloropropene
Concen: 51.61 ug/l
RT: 10.61 min Scan# 1480
Delta R.T. -0.00 min
Lab File: VW003754.D
Acq: 07 Jul 2018 01:50

Instrument :
MSVOA_W
ClientSampled :
ICVW070718

Tot Ion: 75 Resp: 197748
Ion Ratio Lower Upper
75 100
77 32.2 25.5 38.3

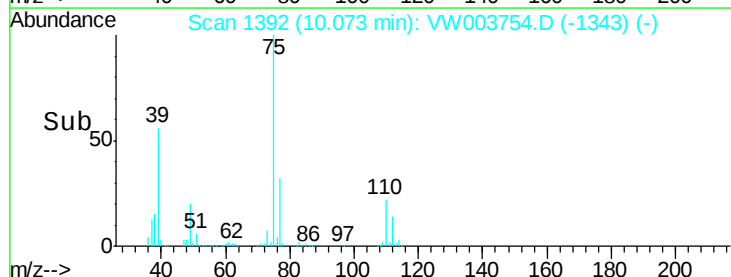
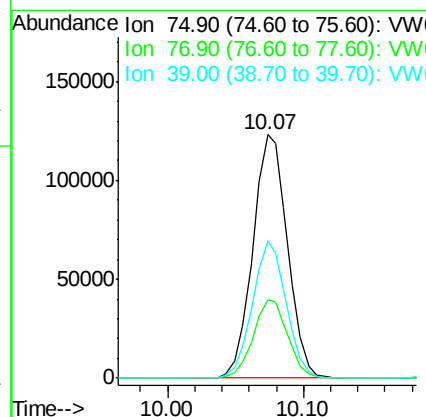
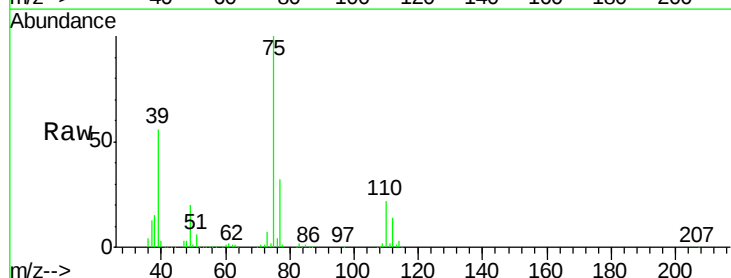
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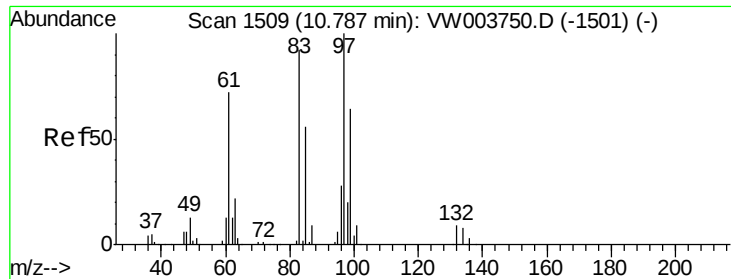
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#54
cis-1,3-Dichloropropene
Concen: 50.66 ug/l
RT: 10.07 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW003754.D
Acq: 07 Jul 2018 01:50

Tgt Ion: 75 Resp: 219118
Ion Ratio Lower Upper
75 100
77 32.3 25.6 38.4
39 56.1 43.6 65.4





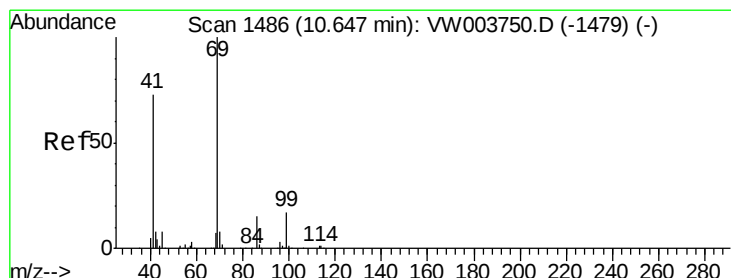
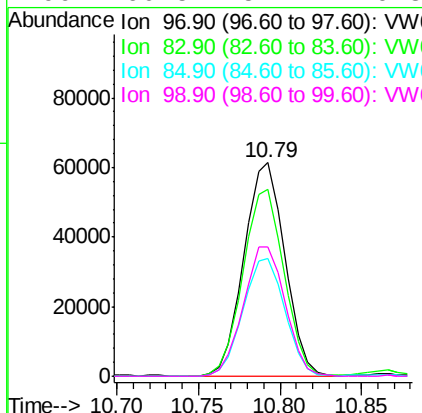
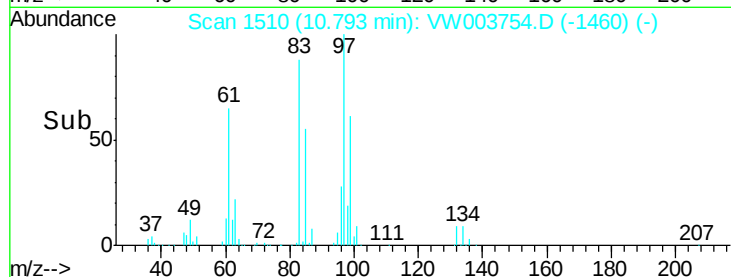
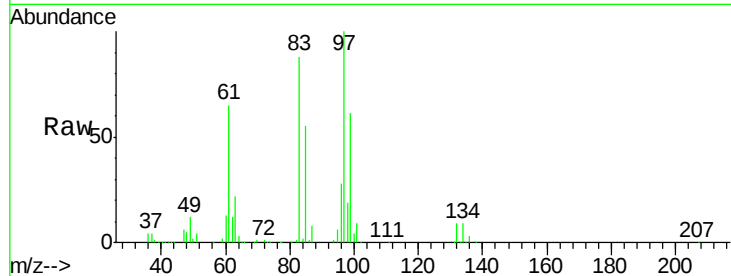
#55
 1,1,2-Trichloroethane
 Concen: 49.78 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.01 min
 Lab File: VW003754.D
 Acq: 07 Jul 2018 01:50

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW070718

Tot Ion:	97	Resp:	107857
Ion	Ratio	Lower	Upper
97	100		
83	87.7	73.8	110.6
85	55.3	45.0	67.4
99	60.5	51.2	76.8

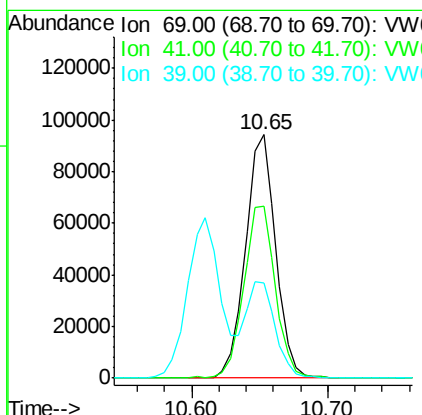
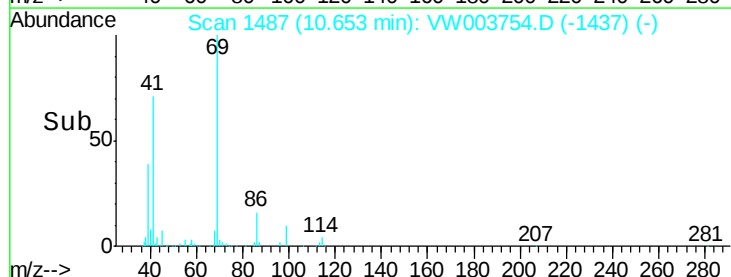
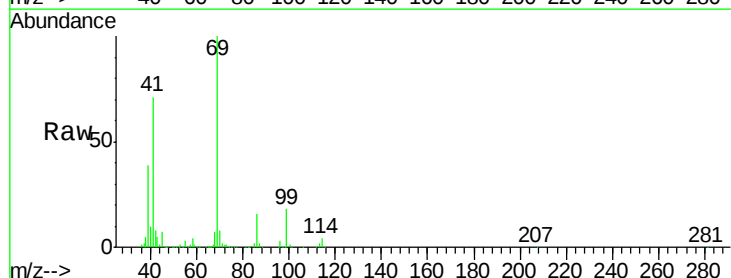
Manual Integrations
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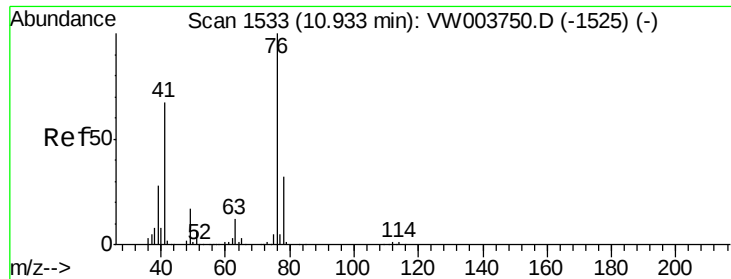
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#56
 Ethyl methacrylate
 Concen: 55.33 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.01 min
 Lab File: VW003754.D
 Acq: 07 Jul 2018 01:50

Tgt Ion:	69	Resp:	146275
Ion	Ratio	Lower	Upper
69	100		
41	75.1	59.0	88.4
39	36.6	32.8	49.2





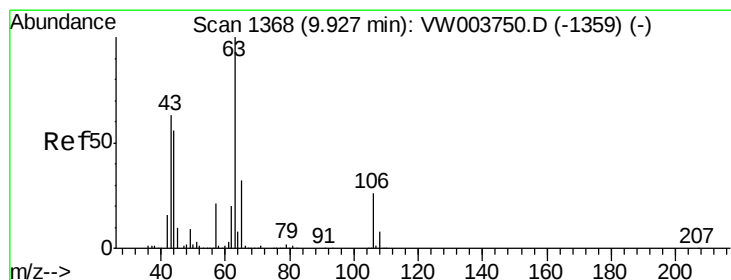
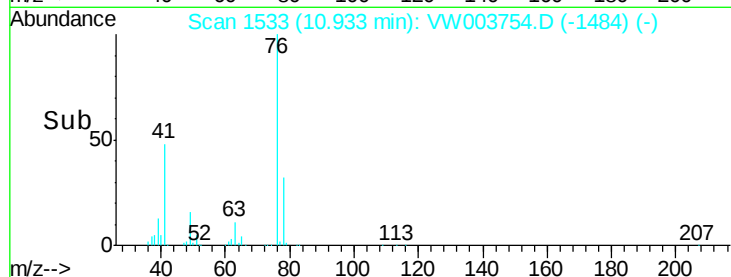
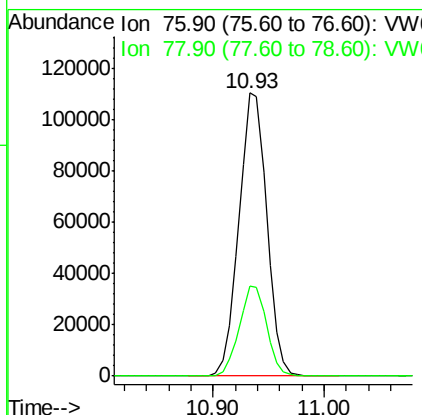
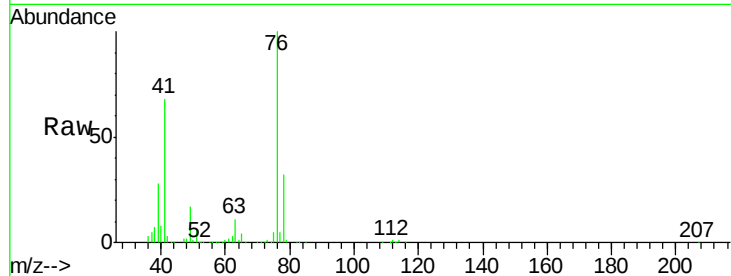
#57
 1,3-Dichloropropane
 Concen: 50.68 ug/l
 RT: 10.93 min Scan# 1533
 Delta R.T. -0.00 min
 Lab File: VW003754.D
 Acq: 07 Jul 2018 01:50

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW070718

Tot Ion: 76 Resp: 191358
 Ion Ratio Lower Upper
 76 100
 78 31.5 25.6 38.4

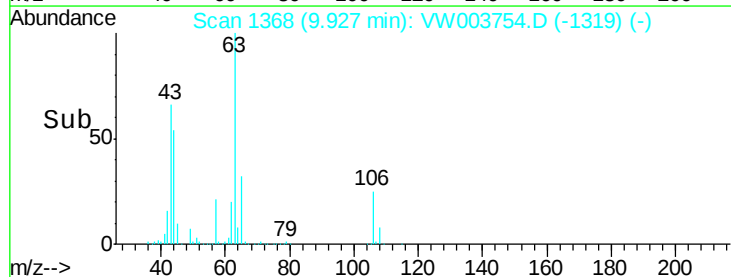
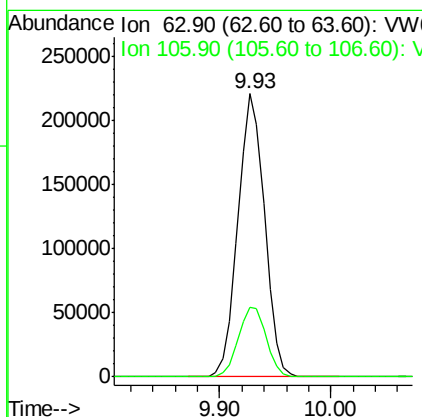
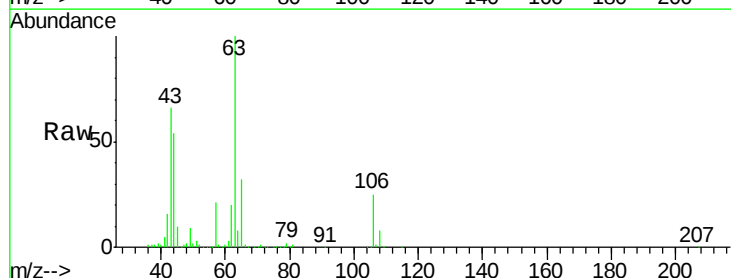
Manual Integrations
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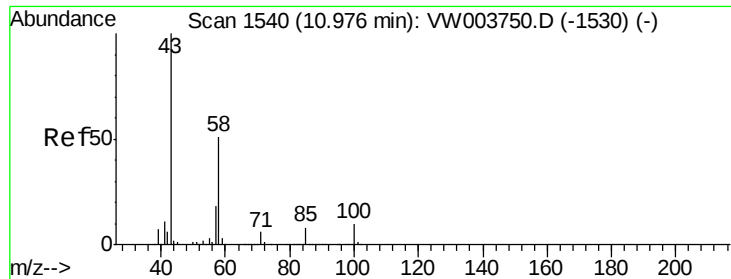
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#58
 2-Chloroethyl Vinyl ether
 Concen: 262.17 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VW003754.D
 Acq: 07 Jul 2018 01:50

Tgt Ion: 63 Resp: 365896
 Ion Ratio Lower Upper
 63 100
 106 25.7 20.9 31.3





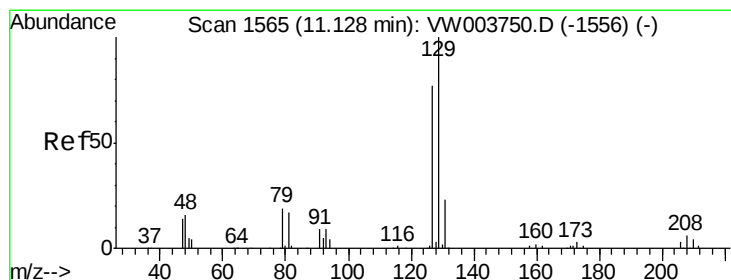
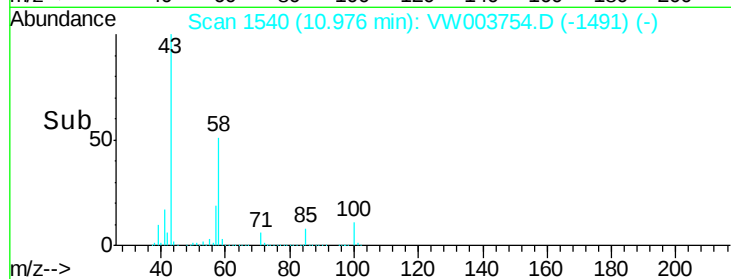
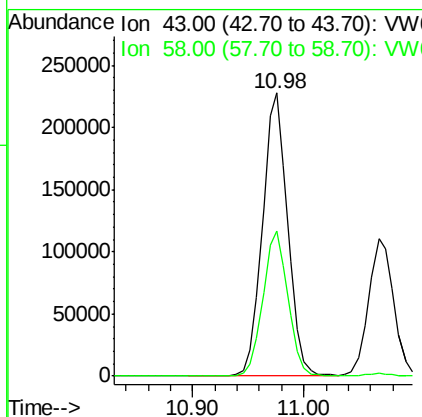
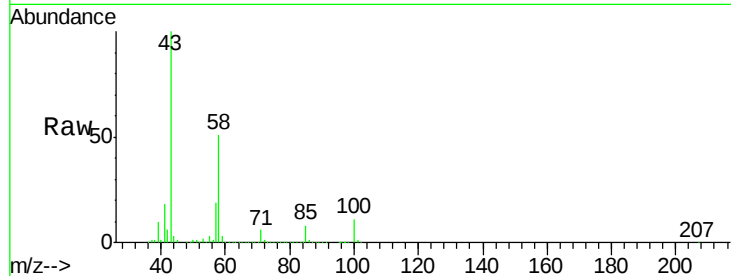
#59
2-Hexanone
Concen: 274.98 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW003754.D
Acq: 07 Jul 2018 01:50

Instrument :
MSVOA_W
ClientSampleId :
ICVW070718

Tot Ion	43	Resp	359631
Ion Ratio	100	Lower	Upper
43	100		
58	51.0	25.4	76.2

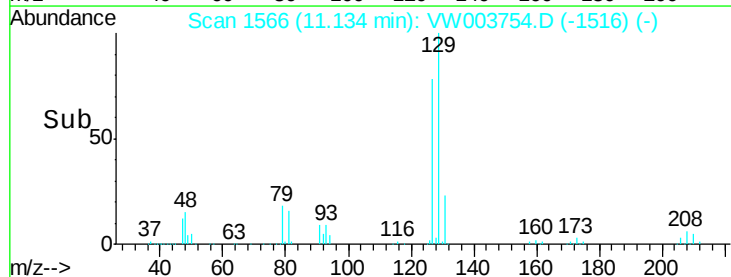
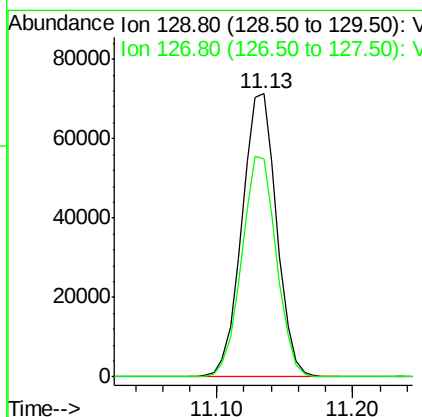
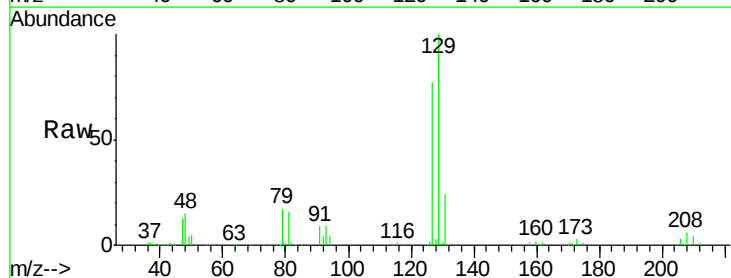
Manual Integrations
APPROVED

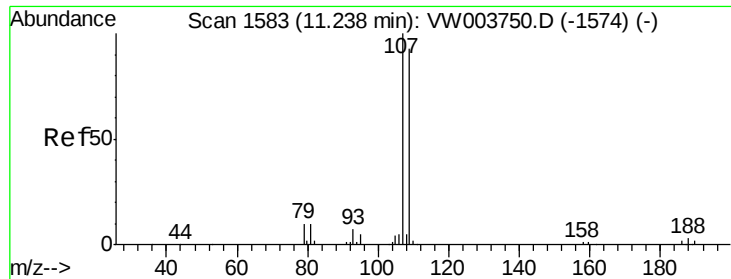
apatel
7/9/2018 10:26:18 AM



#60
Dibromochloromethane
Concen: 50.23 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VW003754.D
Acq: 07 Jul 2018 01:50

Tgt Ion	129	Resp	127023	
Ion Ratio	129	100	Lower	Upper
129	100			
127	77.8	38.9	116.6	





#61

1,2-Dibromoethane

Concen: 50.33 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VW003754.D

Acq: 07 Jul 2018 01:50

Instrument :

MSVOA_W

ClientSampleId :

ICVW070718

Tot Ion: 107 Resp: 104278

Ion Ratio Lower Upper

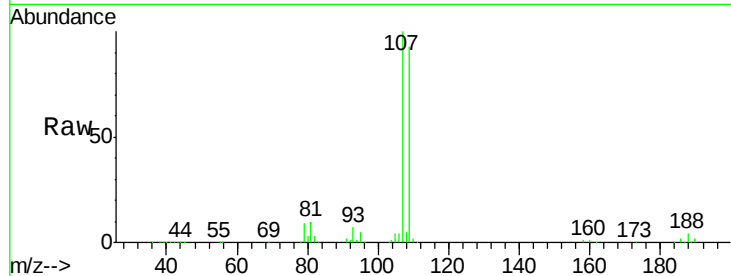
107 100

109 94.3 75.1 112.7

Manual Integrations
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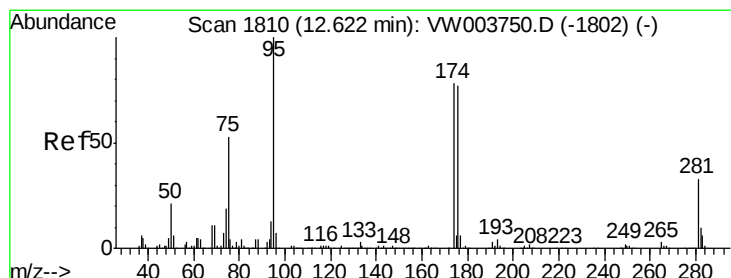
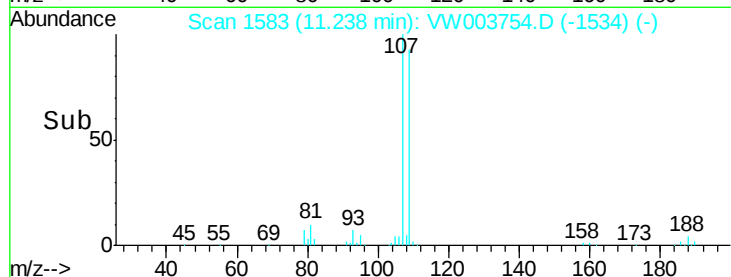
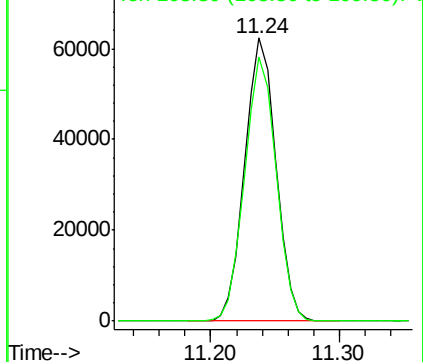
apatel

7/9/2018 10:26:18 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.54 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW003754.D

Acq: 07 Jul 2018 01:50

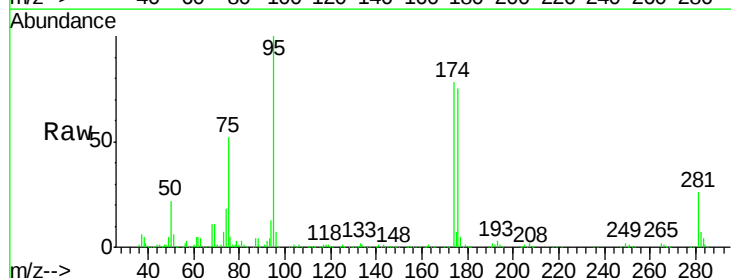
Tgt Ion: 95 Resp: 184154

Ion Ratio Lower Upper

95 100

174 82.2 0.0 163.4

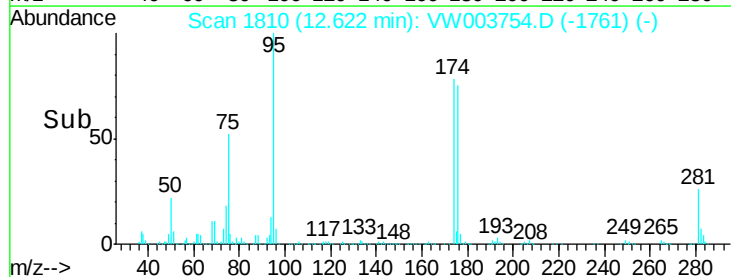
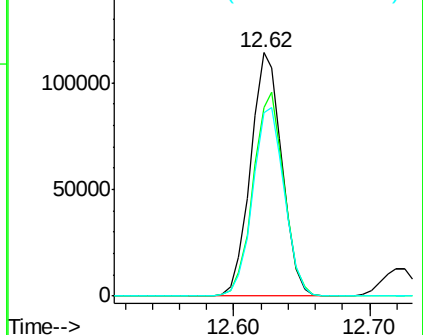
176 78.1 0.0 156.8

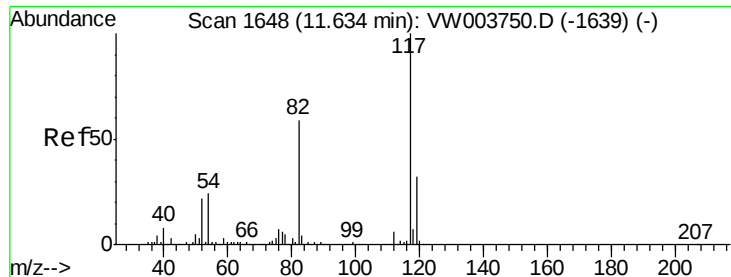


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





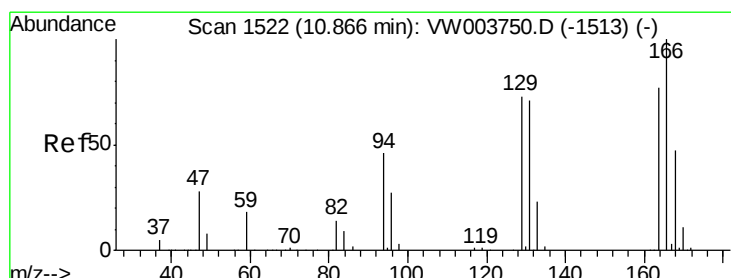
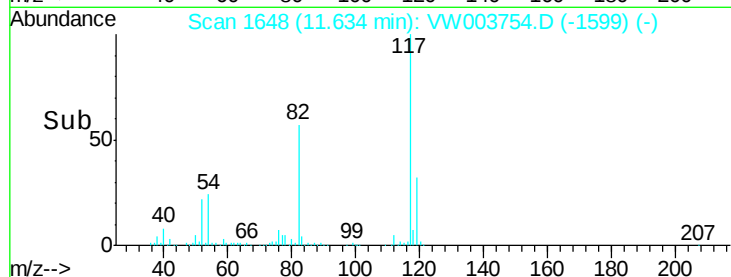
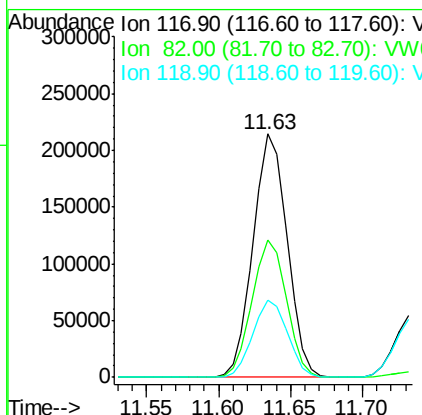
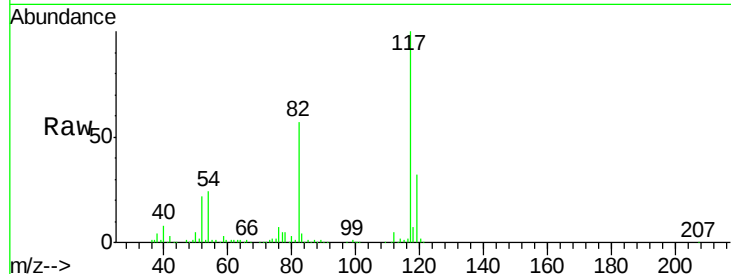
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003754.D
Acq: 07 Jul 2018 01:50

Instrument :
MSVOA_W
ClientSampleId :
ICVW070718

Tot Ion	Ratio	Resp	Lower	Upper
117	100	351096		
82	56.5	46.9	70.3	
119	31.9	25.5	38.3	

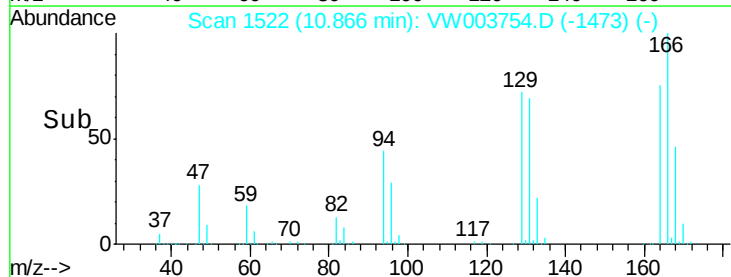
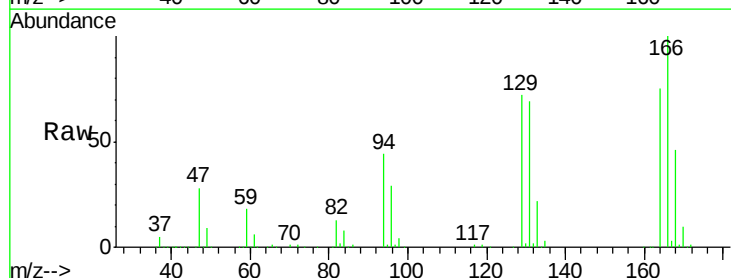
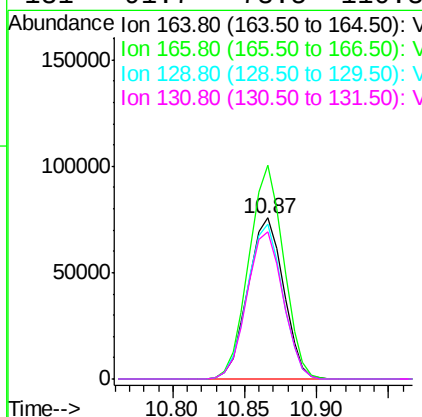
Manual Integrations
APPROVED

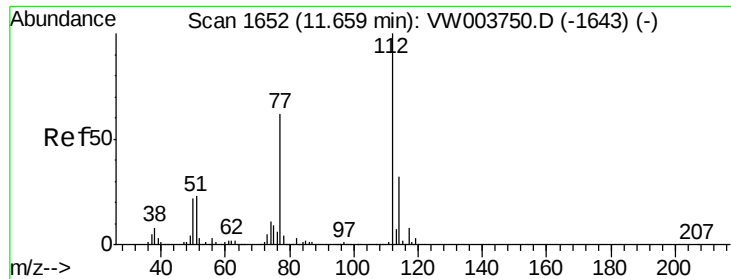
apatel
7/9/2018 10:26:18 AM



#64
Tetrachloroethene
Concen: 50.06 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW003754.D
Acq: 07 Jul 2018 01:50

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	130014		
166	132.6	104.2	156.4	
129	95.9	75.8	113.8	
131	91.7	73.5	110.3	





#65

Chlorobenzene

Concen: 50.11 ug/l

RT: 11.66 min Scan# 1652

Delta R.T. -0.00 min

Lab File: VW003754.D

Acq: 07 Jul 2018 01:50

Instrument :

MSVOA_W

ClientSampleId :

ICVW070718

Tot Ion:112 Resp: 387816

Ion Ratio Lower Upper

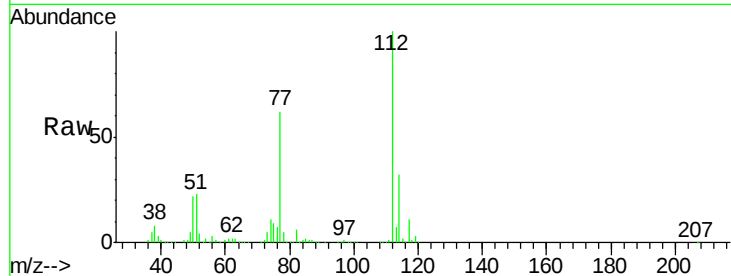
112 100

114 31.8 26.0 39.0

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

11.66

250000

200000

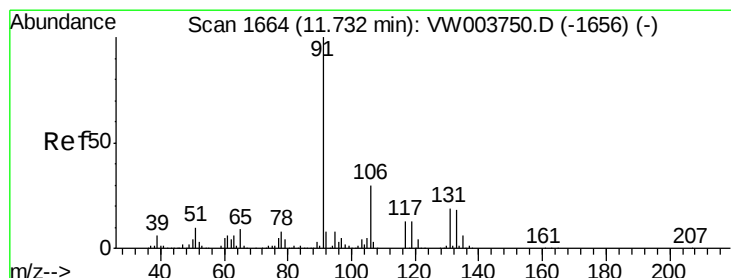
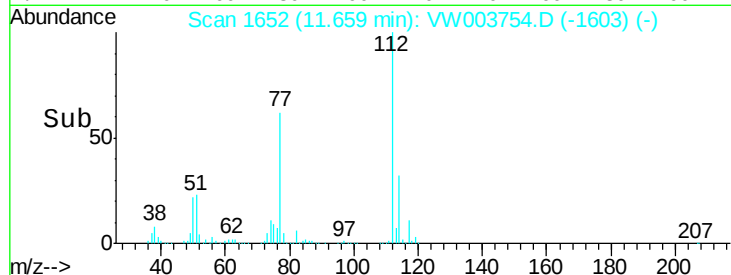
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 50.29 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. 0.01 min

Lab File: VW003754.D

Acq: 07 Jul 2018 01:50

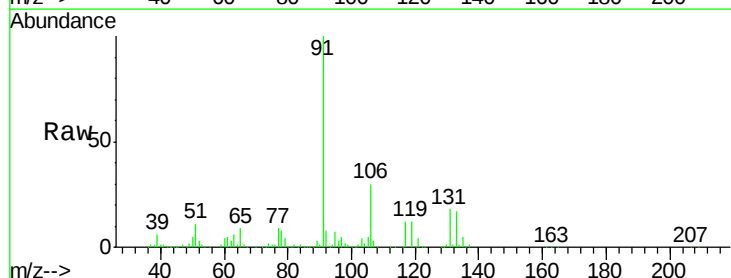
Tgt Ion:131 Resp: 136023

Ion Ratio Lower Upper

131 100

133 95.4 48.0 144.2

119 65.2 33.2 99.6



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

11.74

100000

80000

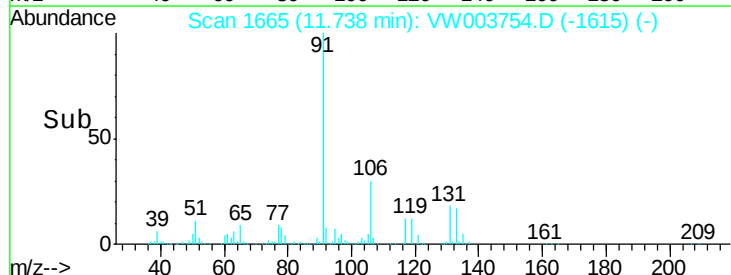
60000

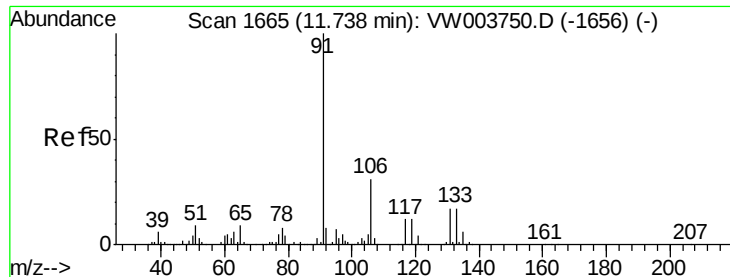
40000

20000

0

Time-->





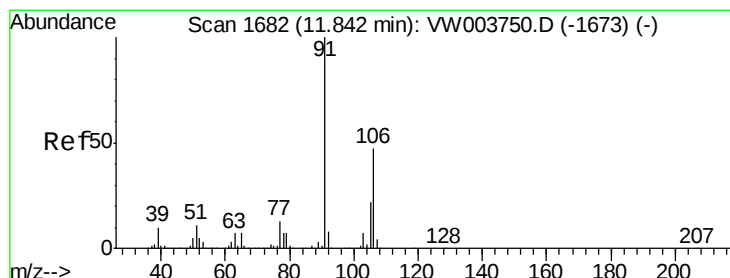
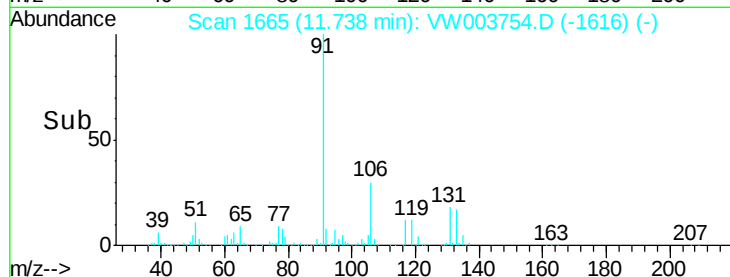
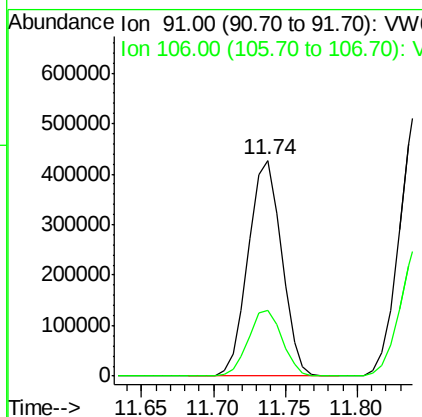
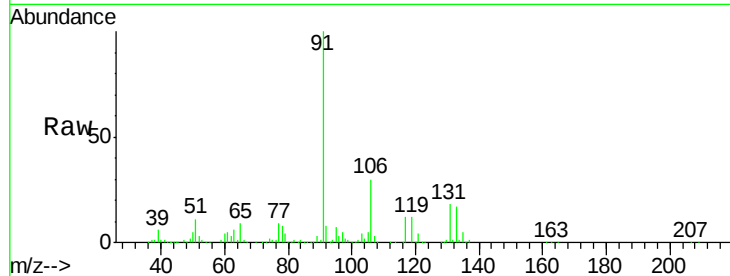
#67
Ethyl Benzene
Concen: 51.98 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW003754.D
Acq: 07 Jul 2018 01:50

Instrument :
MSVOA_W
ClientSampled :
ICVW070718

Tot Ion: 91 Resp: 687902
Ion Ratio Lower Upper
91 100
106 30.4 24.6 37.0

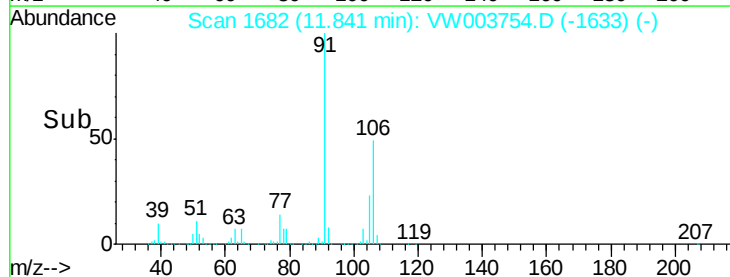
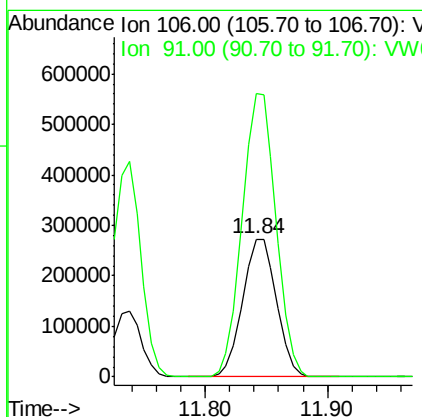
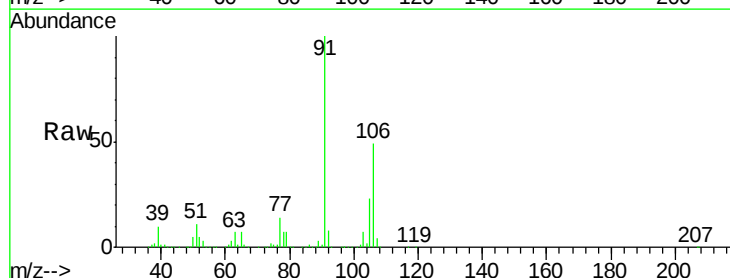
Manual Integrations
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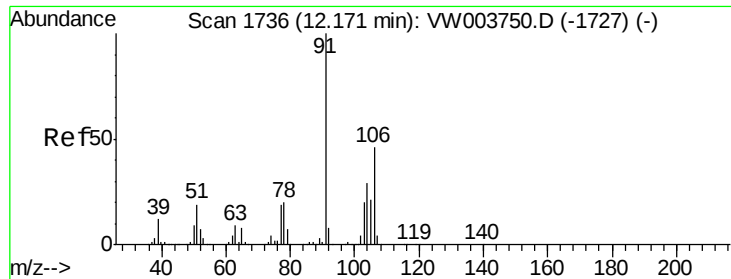
apatel
7/9/2018 10:26:18 AM



#68
m/p-Xylenes
Concen: 103.38 ug/l
RT: 11.84 min Scan# 1682
Delta R.T. -0.00 min
Lab File: VW003754.D
Acq: 07 Jul 2018 01:50

Tgt Ion: 106 Resp: 523929
Ion Ratio Lower Upper
106 100
91 205.1 164.3 246.5





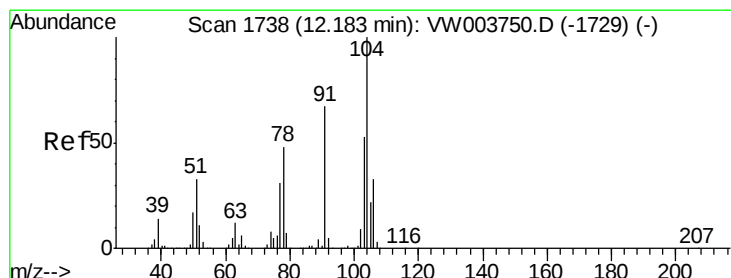
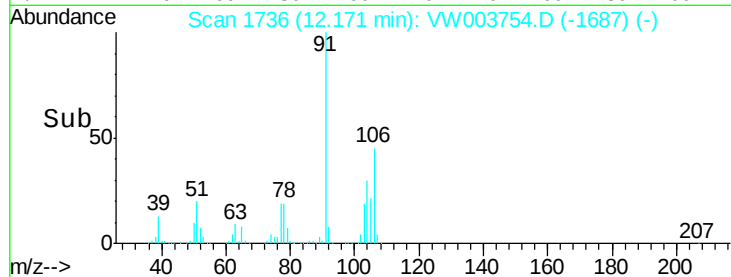
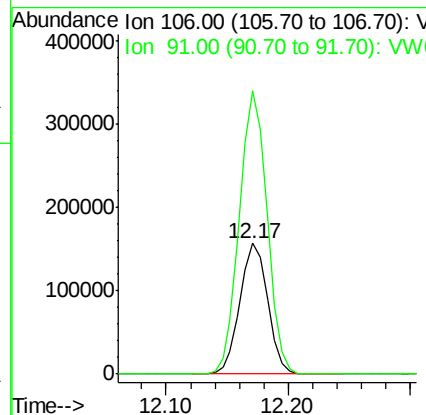
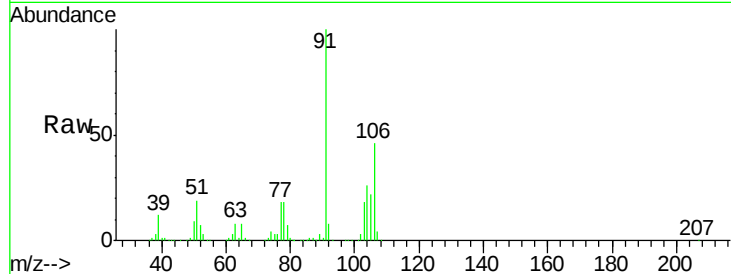
#69
o-Xylene
Concen: 52.91 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW003754.D
Acq: 07 Jul 2018 01:50

Instrument :
MSVOA_W
ClientSampleId :
ICVW070718

Tot Ion	Ratio	Lower	Upper
106	100		
91	215.9	109.1	327.2

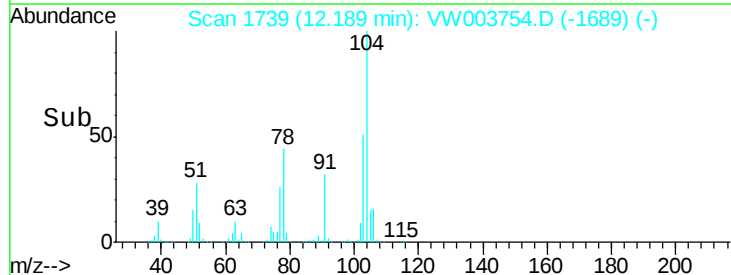
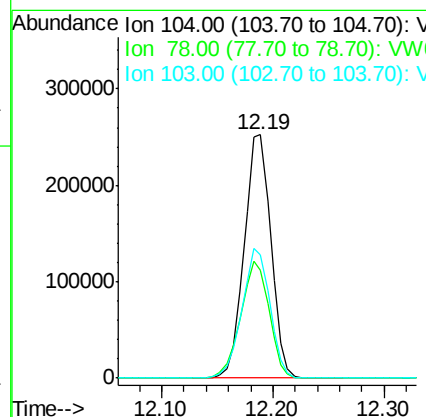
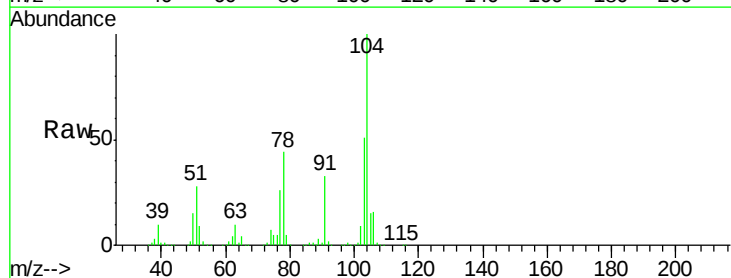
Manual Integrations
APPROVED

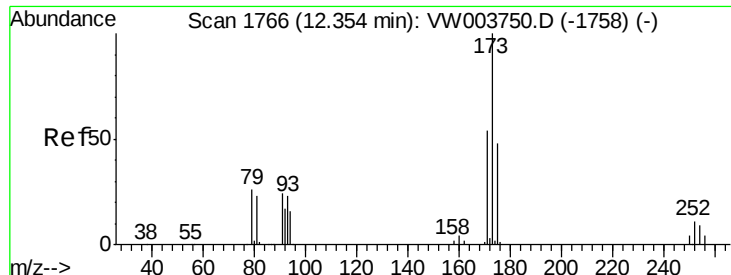
apatel
7/9/2018 10:26:18 AM



#70
Styrene
Concen: 52.80 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.01 min
Lab File: VW003754.D
Acq: 07 Jul 2018 01:50

Tgt Ion	Ratio	Lower	Upper
104	100		
78	51.0	41.1	61.7
103	55.6	44.6	67.0





#71

Bromoform

Concen: 52.21 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. -0.00 min

Lab File: VW003754.D

Acq: 07 Jul 2018 01:50

Instrument :

MSVOA_W

ClientSampleId :

ICVW070718

Tot Ion:173 Resp: 77930

Ion Ratio Lower Upper

173 100

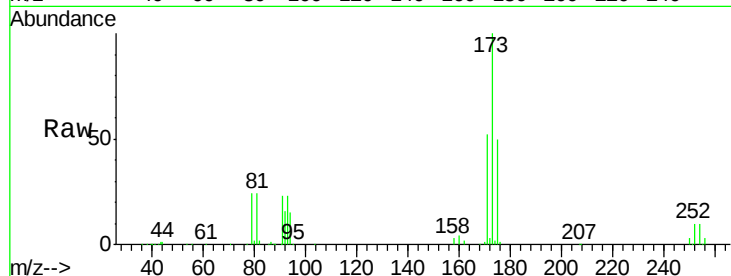
175 48.7 24.1 72.4

254 0.2 0.0 0.0#

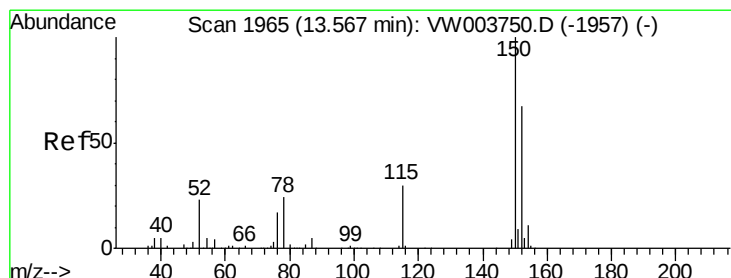
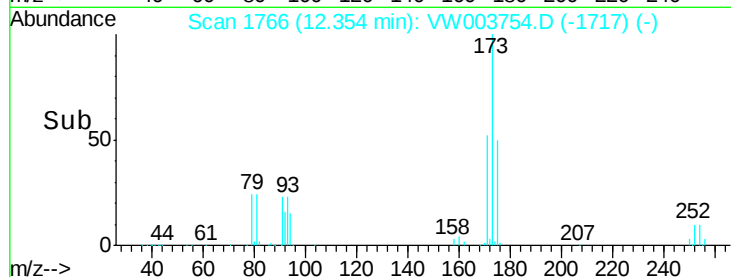
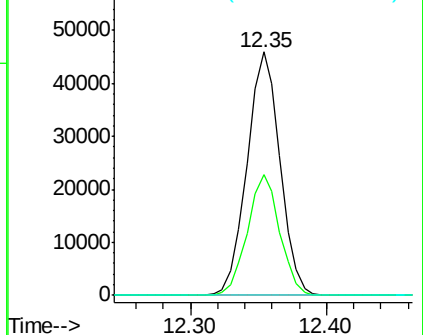
Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VW003754.D

Acq: 07 Jul 2018 01:50

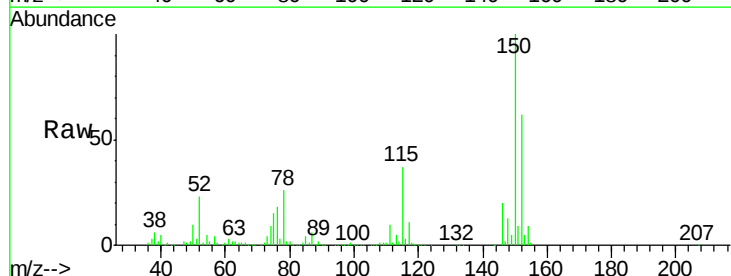
Tgt Ion:152 Resp: 184264

Ion Ratio Lower Upper

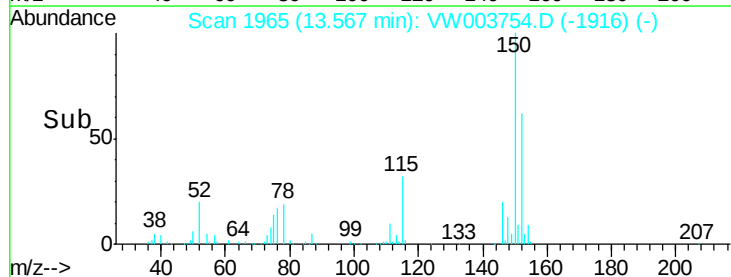
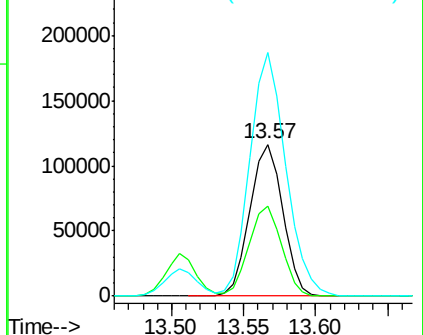
152 100

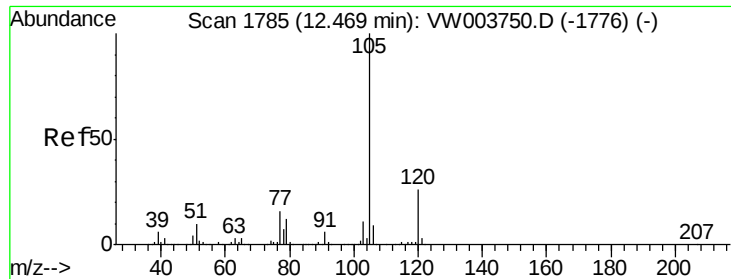
115 58.6 28.9 86.8

150 175.0 0.0 342.4



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





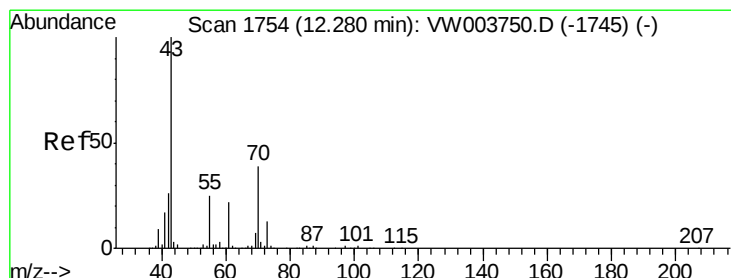
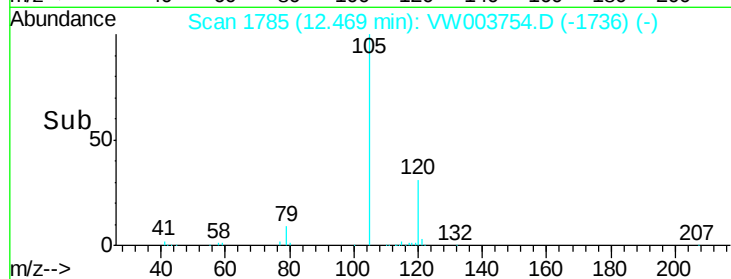
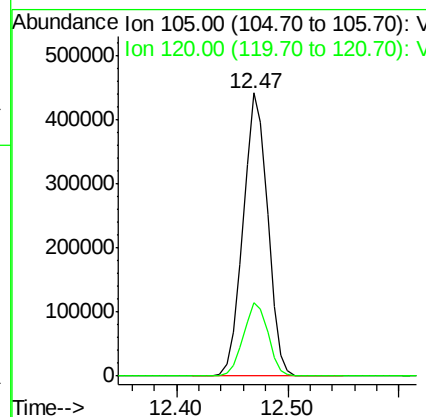
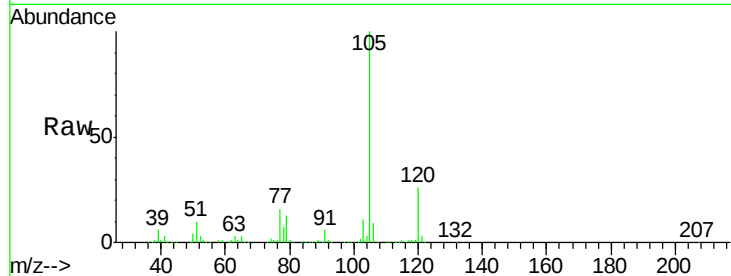
#73
Isopropylbenzene
Concen: 53.84 ug/l
RT: 12.47 min Scan# 1785
Delta R.T. -0.00 min
Lab File: VW003754.D
Acq: 07 Jul 2018 01:50

Instrument :
MSVOA_W
ClientSampleId :
ICVW070718

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.2	13.1	39.3

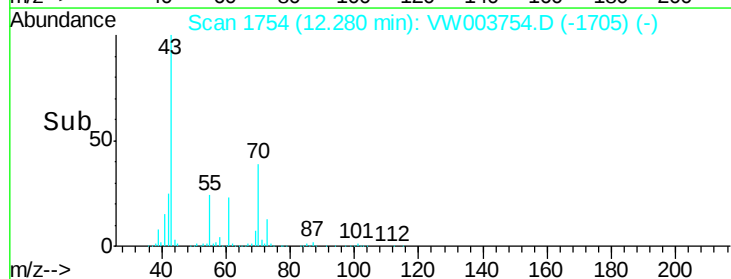
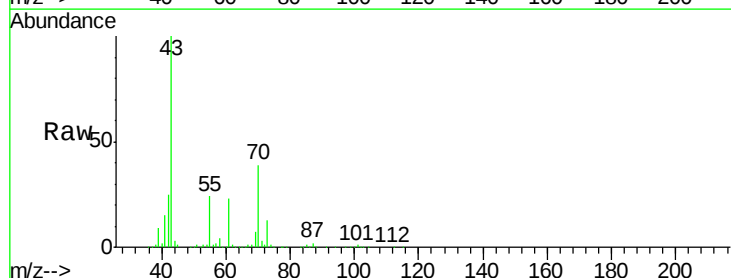
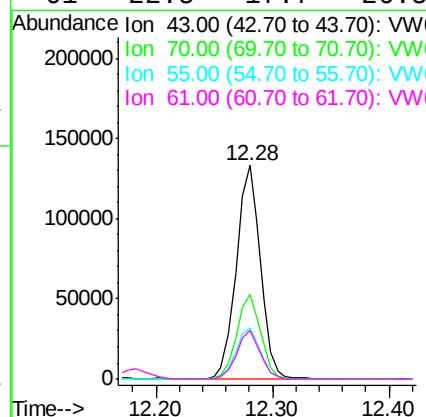
Manual Integrations
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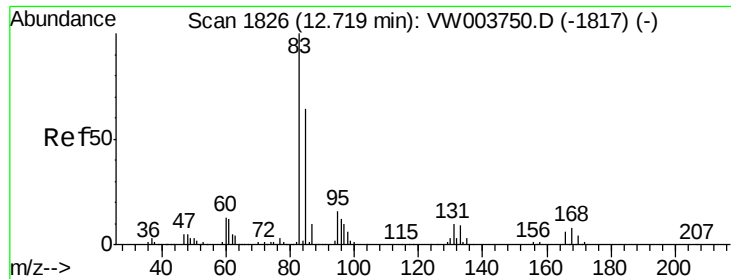
apatel
7/9/2018 10:26:18 AM



#74
N-ethyl acetate
Concen: 56.65 ug/l
RT: 12.28 min Scan# 1754
Delta R.T. -0.00 min
Lab File: VW003754.D
Acq: 07 Jul 2018 01:50

Tgt Ion	Ratio	Lower	Upper
43	100		
70	39.5	31.3	46.9
55	24.3	20.1	30.1
61	22.5	17.7	26.5





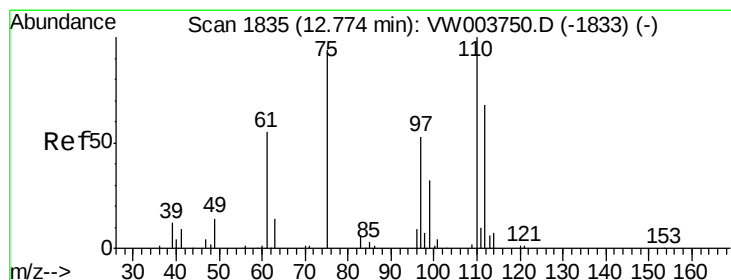
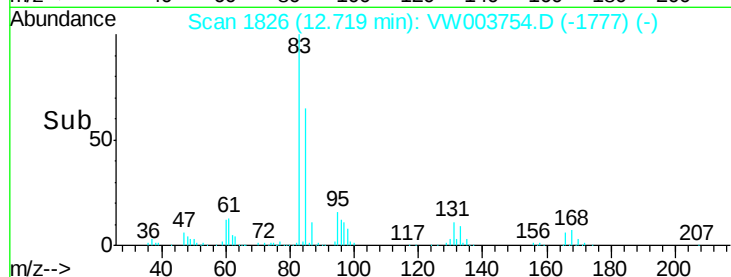
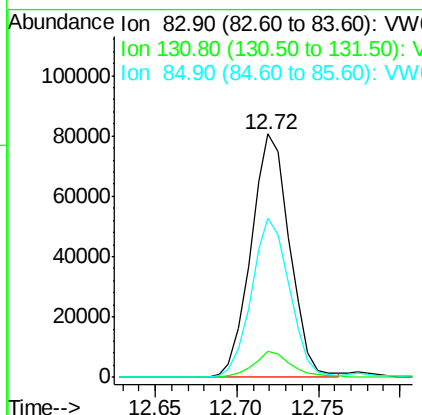
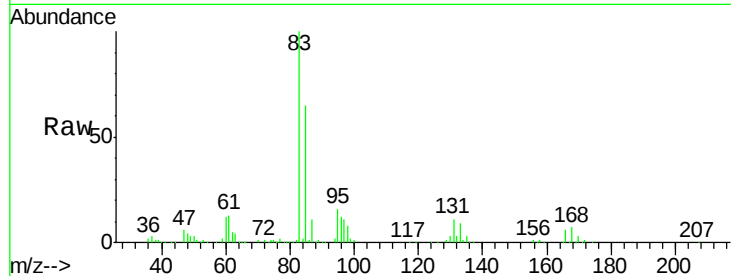
#75
 1,1,2,2-Tetrachloroethane
 Concen: 52.47 ug/l
 RT: 12.72 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VW003754.D
 Acq: 07 Jul 2018 01:50

Instrument :
 MSVOA_W
 ClientSampled :
 ICVVW070718

Tot Ion	83	Resp	132728
Ion	Ratio	Lower	Upper
83	100		
131	10.5	5.1	15.4
85	64.5	32.1	96.3

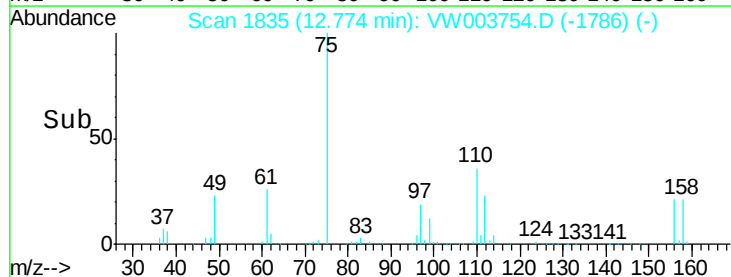
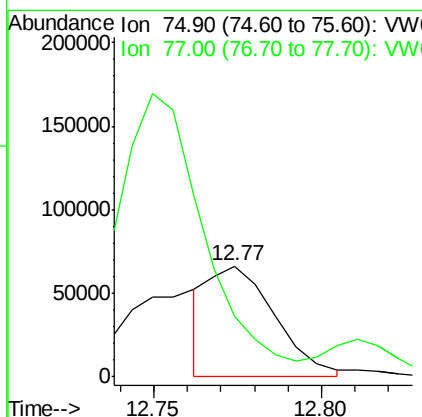
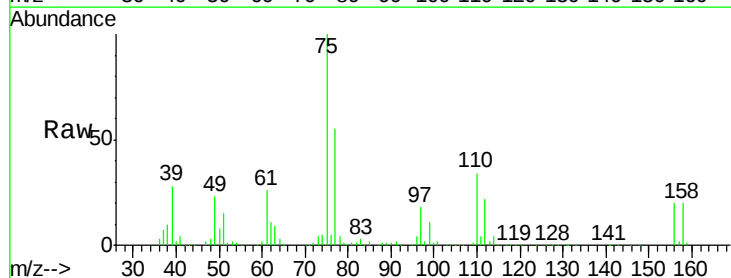
Manual Integrations
 APPROVED

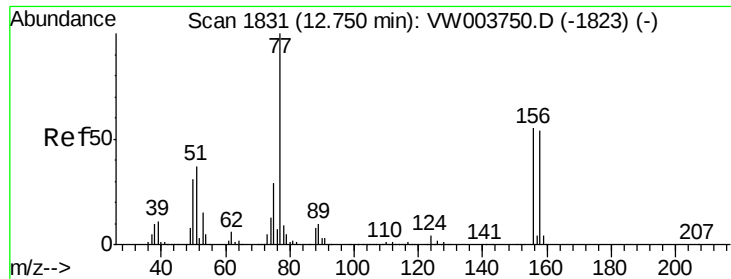
apatel
 7/9/2018 10:26:18 AM



#76
 1,2,3-Trichloropropane
 Concen: 50.14 ug/l m
 RT: 12.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VW003754.D
 Acq: 07 Jul 2018 01:50

Tgt Ion	75	Resp	90718
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 51.59 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VW003754.D

Acq: 07 Jul 2018 01:50

Instrument :

MSVOA_W

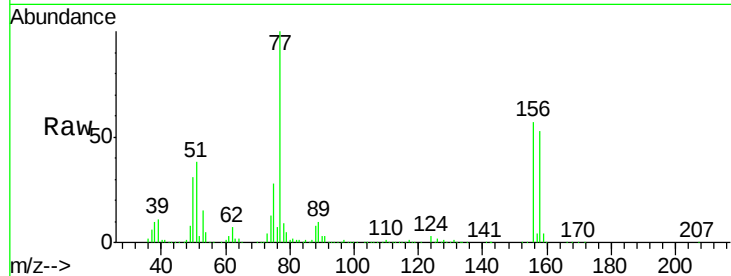
ClientSampled :

ICVW070718

Tot Ion	Ratio	Lower	Upper
156	100		
77	194.1	98.7	296.0
158	96.7	49.0	147.0

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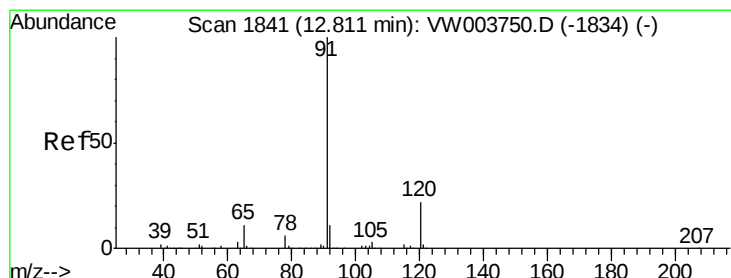
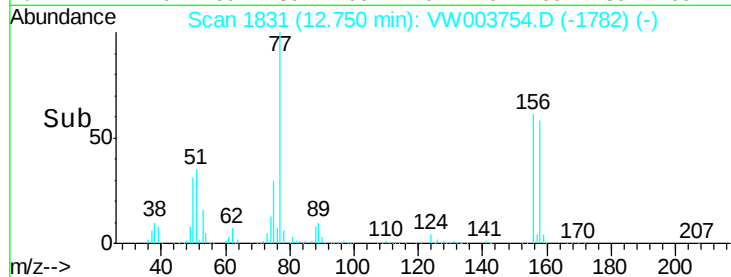
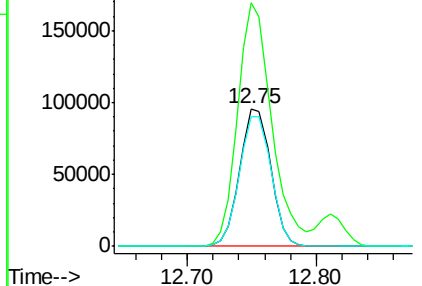
apatel
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.19 ug/l

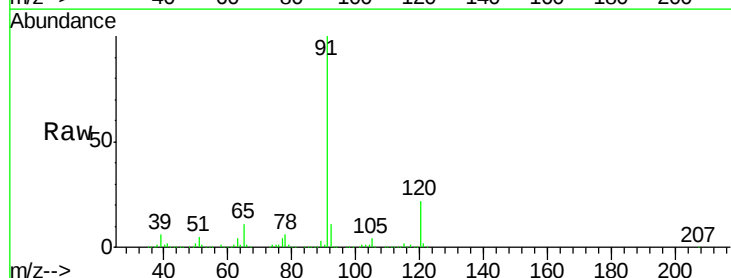
RT: 12.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VW003754.D

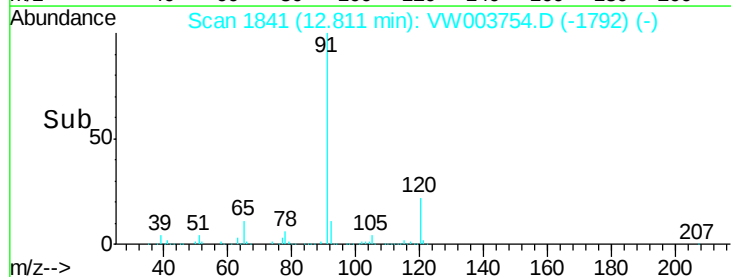
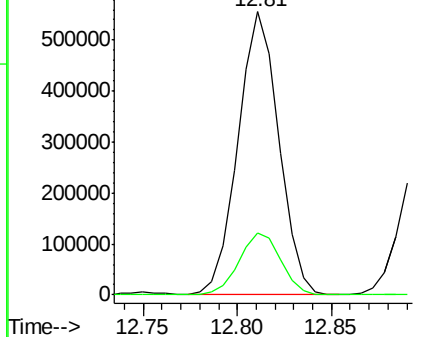
Acq: 07 Jul 2018 01:50

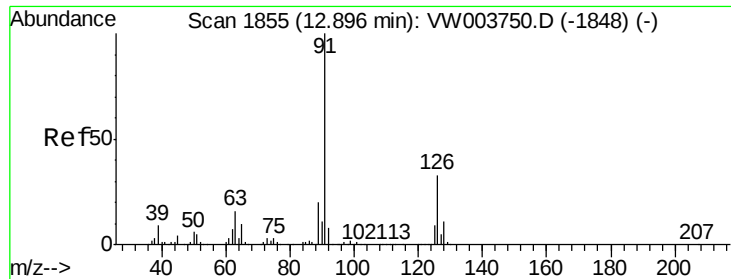
Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.5	11.2	33.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.59 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW003754.D

Acq: 07 Jul 2018 01:50

Instrument :

MSVOA_W

ClientSampleId :

ICVW070718

Tot Ion: 91 Resp: 473298

Ion Ratio Lower Upper

91 100

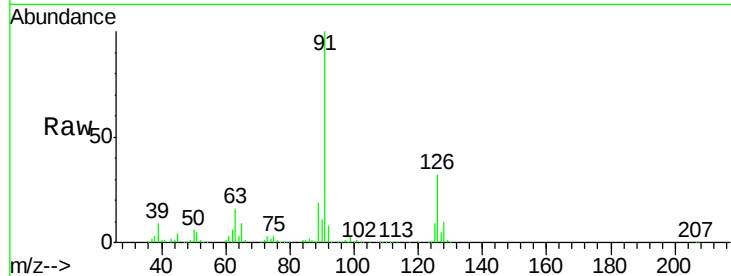
126 33.0 17.0 51.0

Manual Integrations

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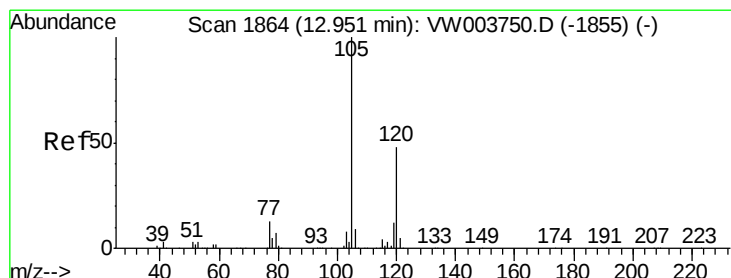
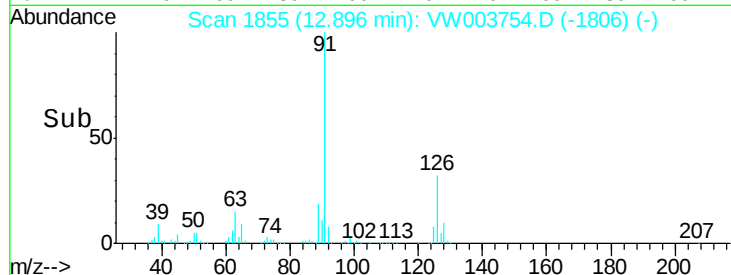
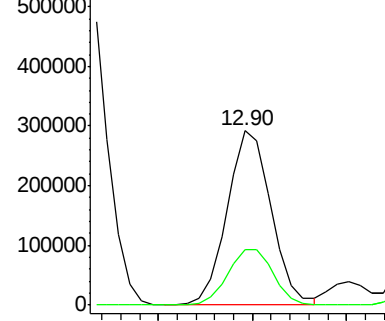
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 52.83 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VW003754.D

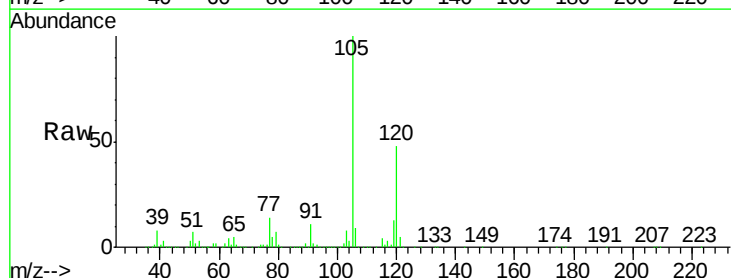
Acq: 07 Jul 2018 01:50

Tgt Ion:105 Resp: 568214

Ion Ratio Lower Upper

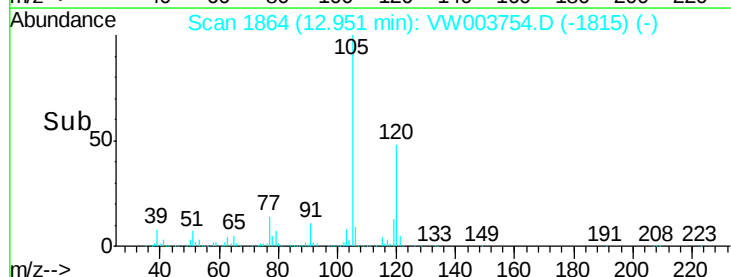
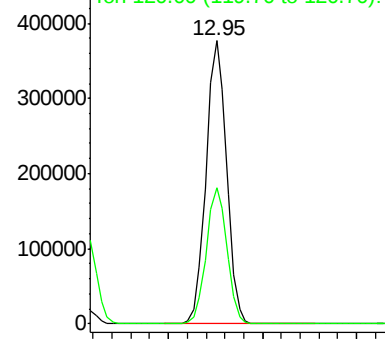
105 100

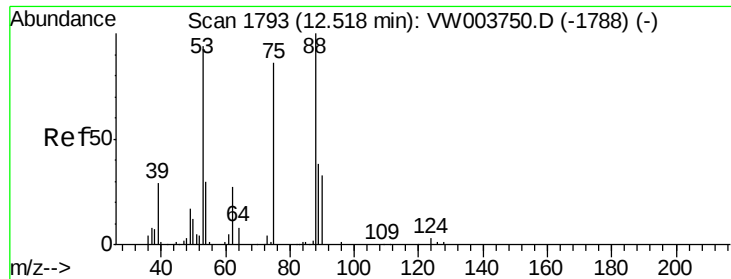
120 48.4 24.2 72.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 54.10 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VW003754.D

Acq: 07 Jul 2018 01:50

Instrument :

MSVOA_W

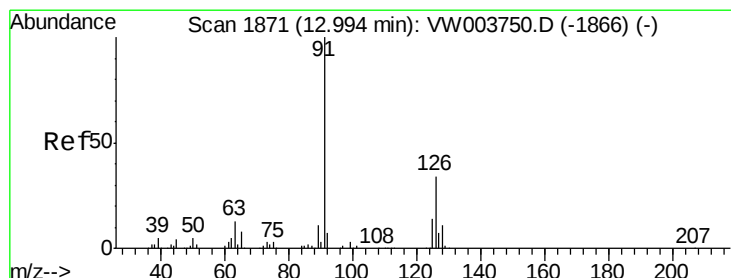
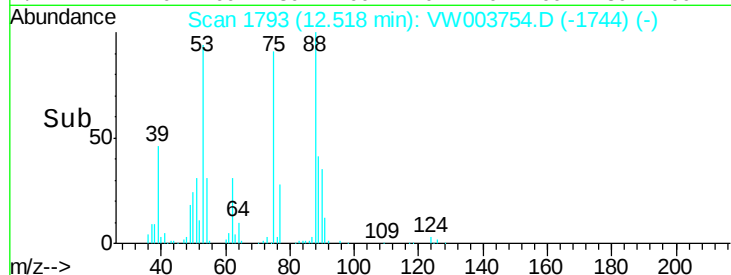
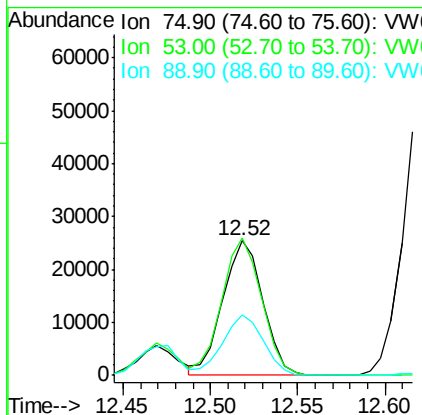
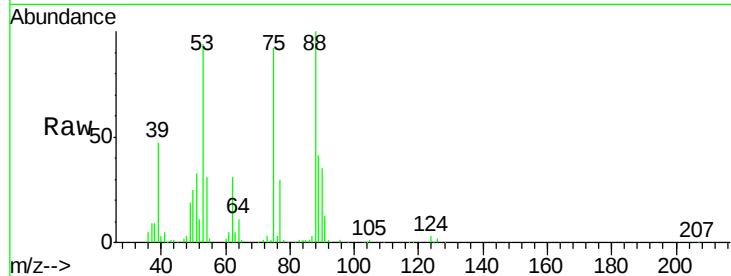
ClientSampleId :

ICVW070718

Tot Ion:	75	Resp:	40020
Ion	Ratio	Lower	Upper
75	100		
53	102.7	85.0	127.6
89	46.3	36.3	54.5

Manual Integrations
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#82

4-Chlorotoluene

Concen: 51.60 ug/l

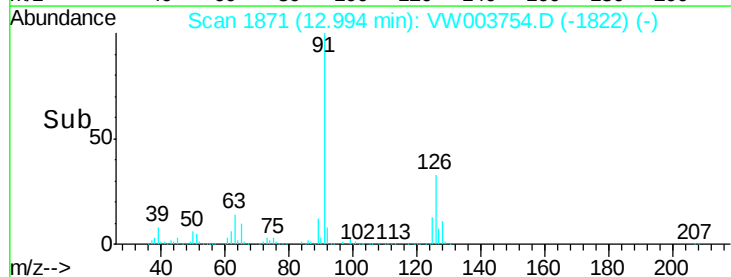
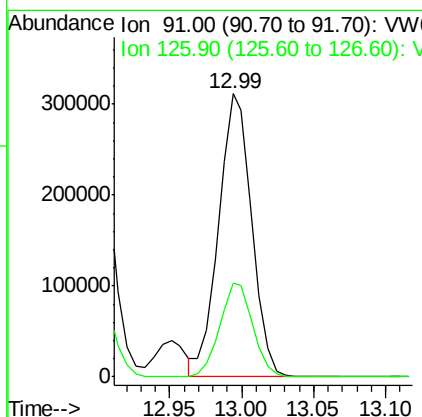
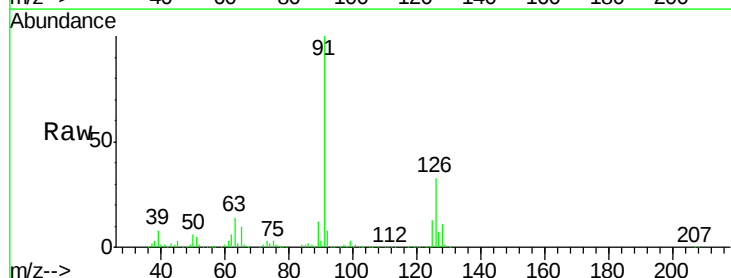
RT: 12.99 min Scan# 1871

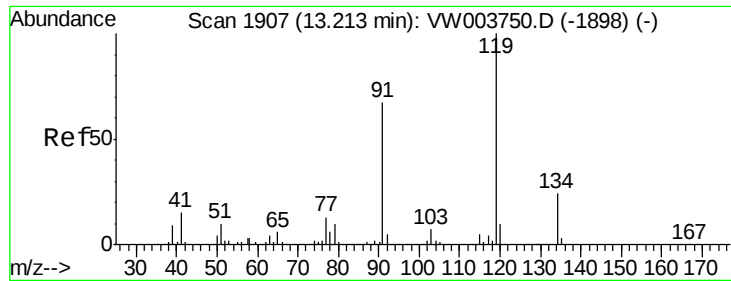
Delta R.T. -0.00 min

Lab File: VW003754.D

Acq: 07 Jul 2018 01:50

Tgt Ion:	91	Resp:	499392
Ion	Ratio	Lower	Upper
91	100		
126	33.2	16.5	49.5





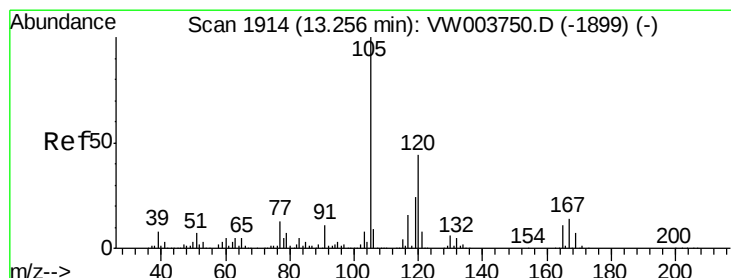
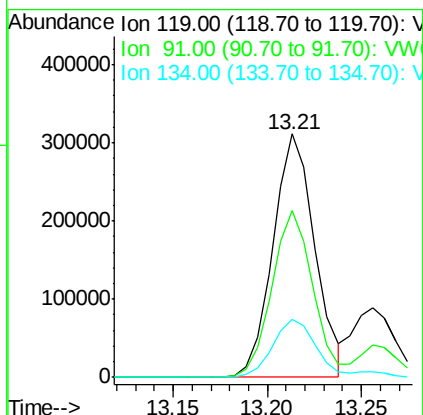
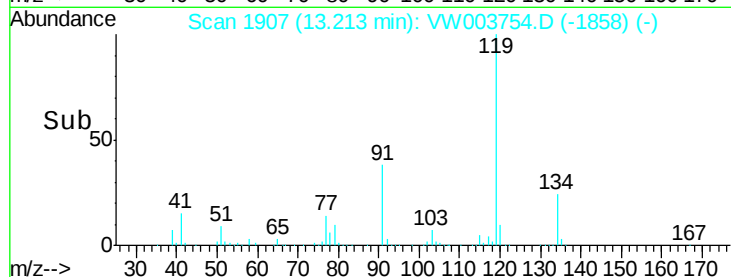
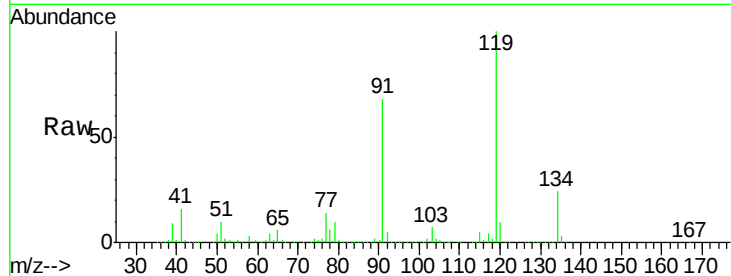
#83
 tert-Butylbenzene
 Concen: 53.96 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VW003754.D
 Acq: 07 Jul 2018 01:50

Instrument :
 MSVOA_W
 ClientSampled :
 ICVVW070718

Tot Ion	Ratio	Lower	Upper
119	100		
91	66.6	33.0	98.9
134	26.2	12.8	38.4

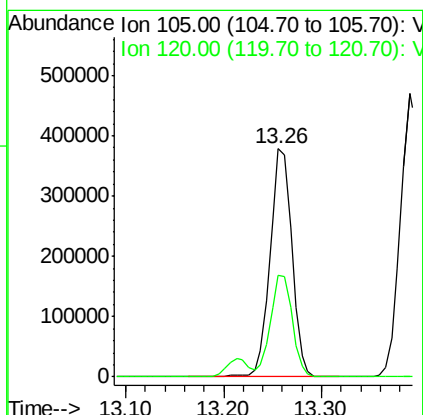
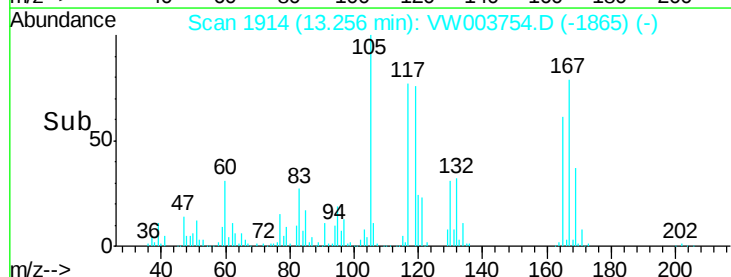
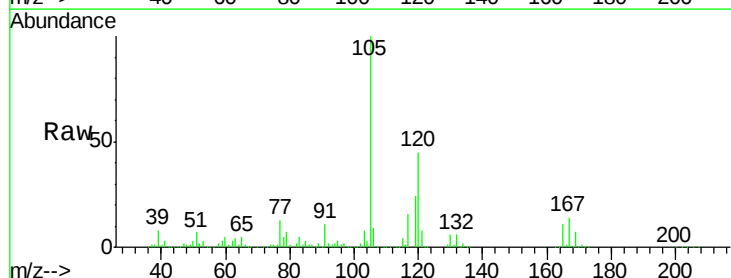
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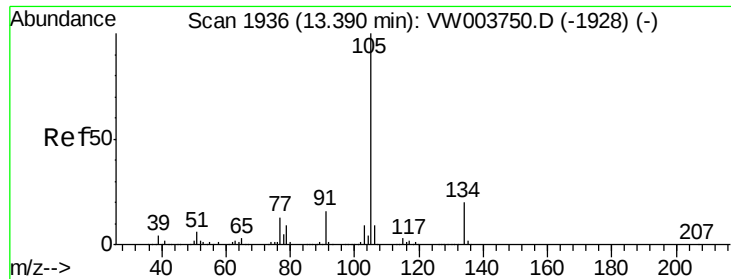
apatel
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#84
 1,2,4-Trimethylbenzene
 Concen: 52.72 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: VW003754.D
 Acq: 07 Jul 2018 01:50

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.5	22.0	66.0





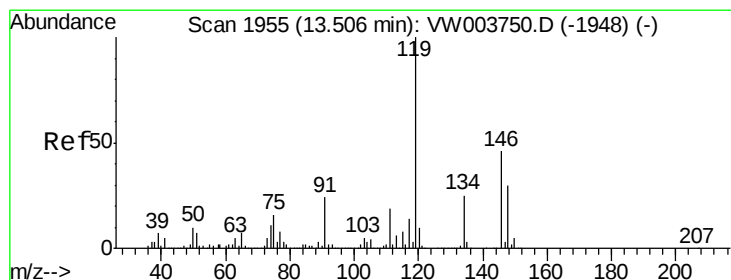
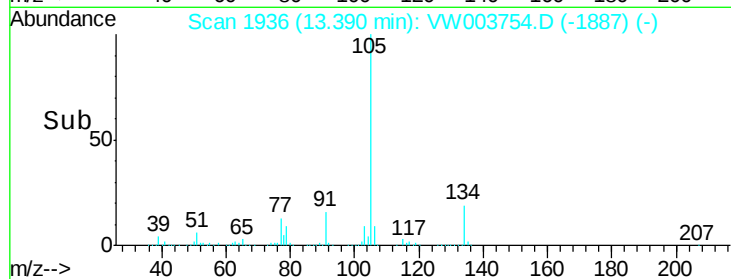
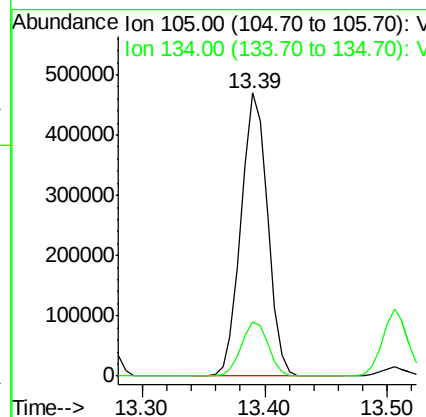
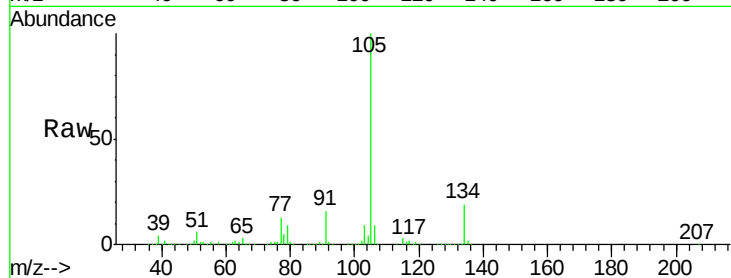
#85
 sec-Butylbenzene
 Concen: 53.17 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VW003754.D
 Acq: 07 Jul 2018 01:50

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW070718

Tot Ion	Ratio	Resp	Lower	Upper
105	100	705468		
134	19.6	9.8	29.4	

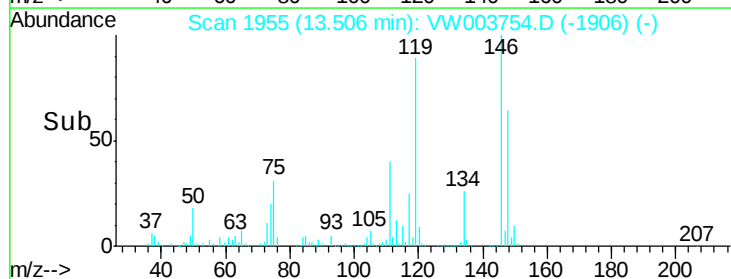
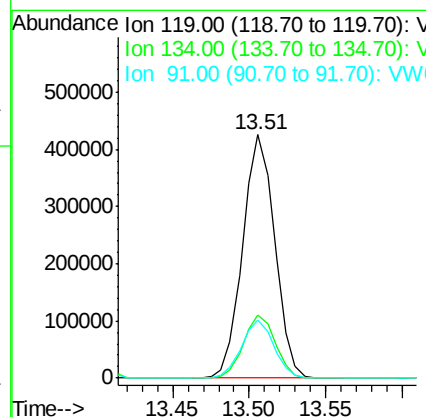
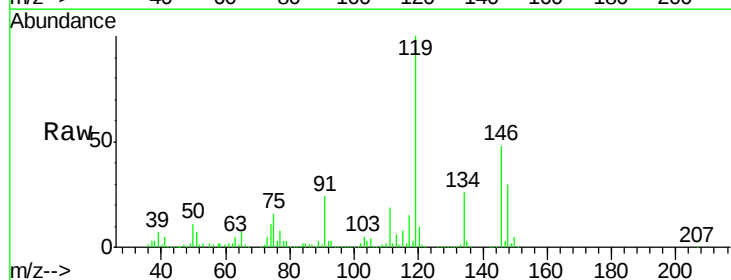
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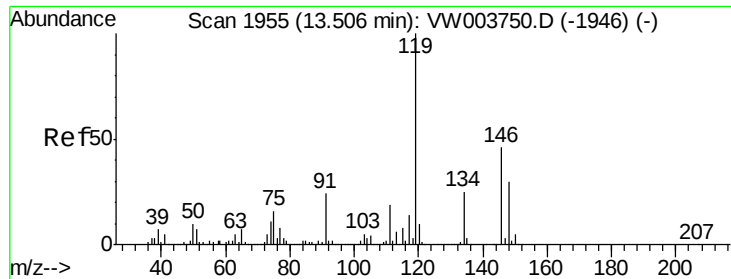
apatel
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#86
 p-Isopropyltoluene
 Concen: 53.42 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW003754.D
 Acq: 07 Jul 2018 01:50

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	619343		
134	26.0	13.1	39.1	
91	23.8	11.9	35.9	





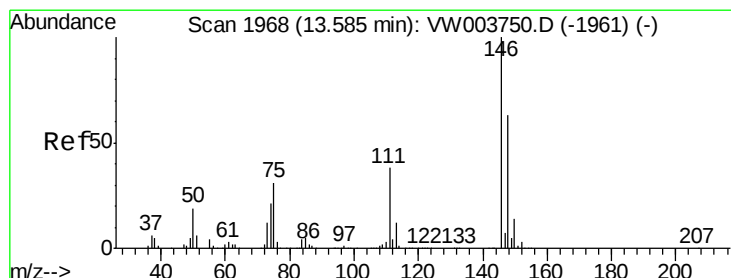
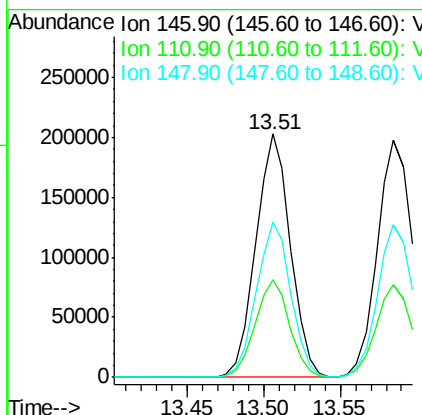
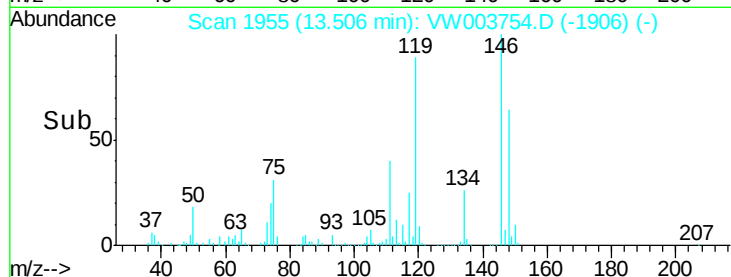
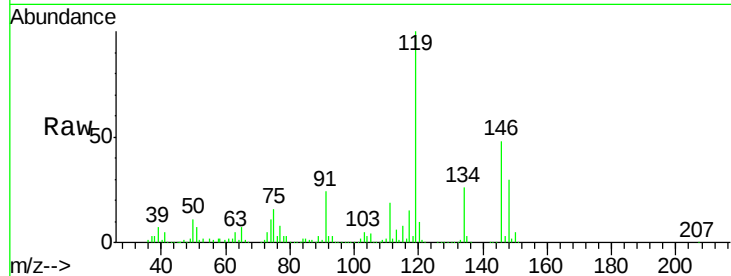
#87
 1,3-Dichlorobenzene
 Concen: 50.78 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW003754.D
 Acq: 07 Jul 2018 01:50

Instrument :
 MSVOA_W
 ClientSampled :
 ICVVW070718

Tot Ion	Ratio	Resp	Lower	Upper
146	100	318760		
111	40.0	20.2	60.5	
148	63.7	31.9	95.7	

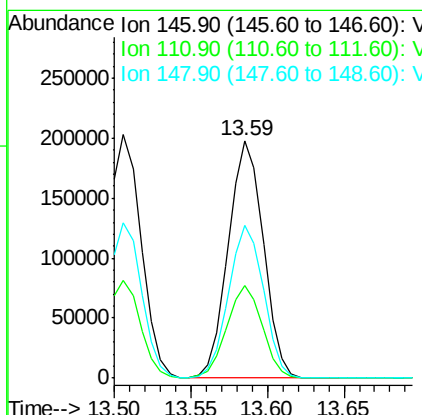
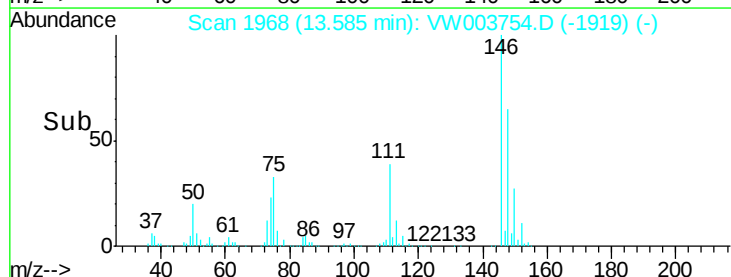
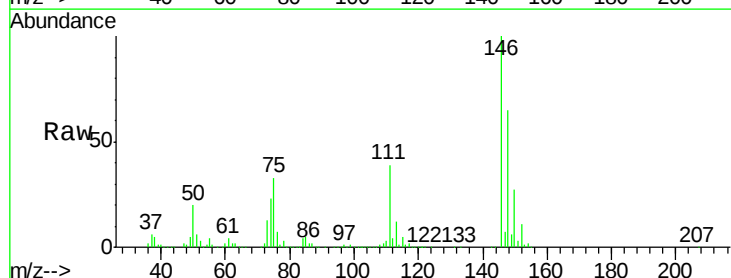
Manual Integrations
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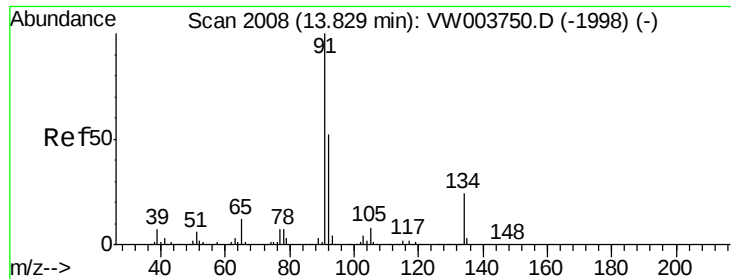
apatel
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#88
 1,4-Dichlorobenzene
 Concen: 49.87 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VW003754.D
 Acq: 07 Jul 2018 01:50

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	314768		
111	39.3	19.4	58.4	
148	64.5	31.9	95.7	





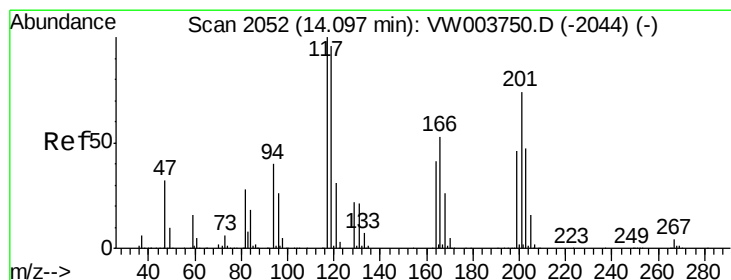
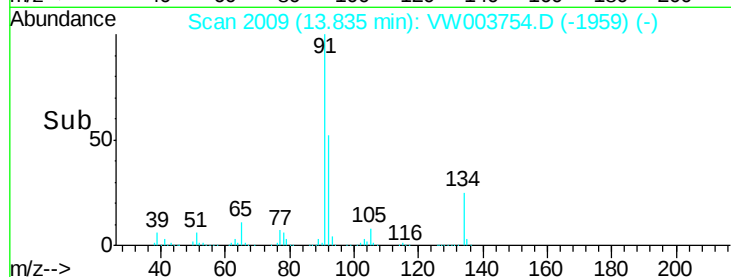
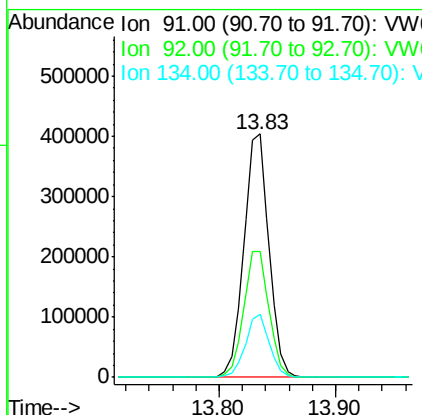
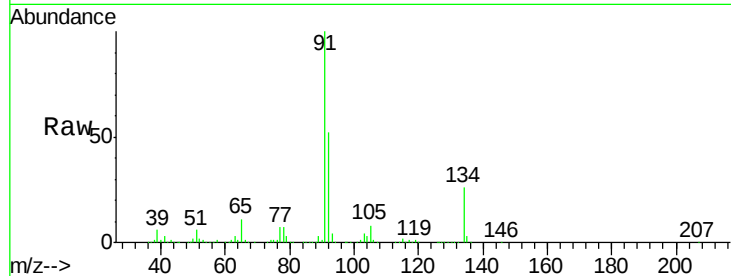
#89
n-Butylbenzene
Concen: 52.89 ug/l
RT: 13.83 min Scan# 2009
Delta R.T. 0.01 min
Lab File: VW003754.D
Acq: 07 Jul 2018 01:50

Instrument :
MSVOA_W
ClientSampled :
ICVW070718

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.1	78.3
134	24.9	12.4	37.4

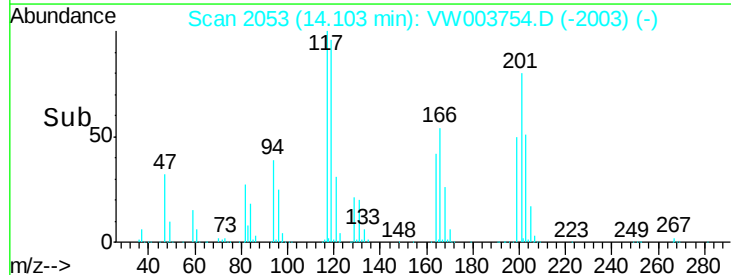
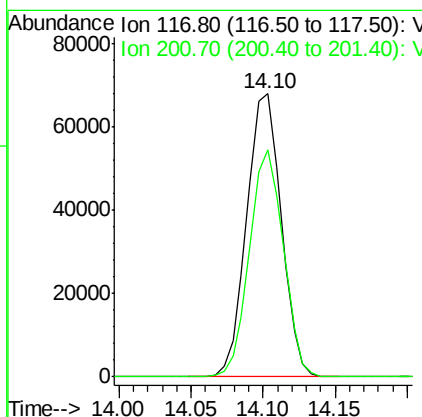
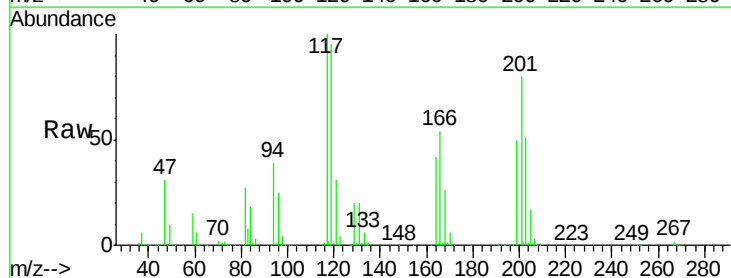
Manual Integrations
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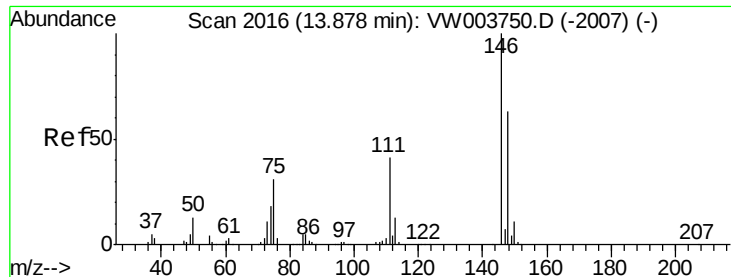
apatel
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#90
Hexachloroethane
Concen: 50.65 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.01 min
Lab File: VW003754.D
Acq: 07 Jul 2018 01:50

Tgt Ion	Ratio	Lower	Upper
117	100		
201	78.6	39.2	117.6





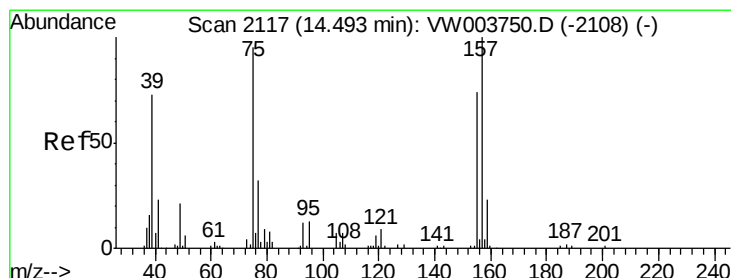
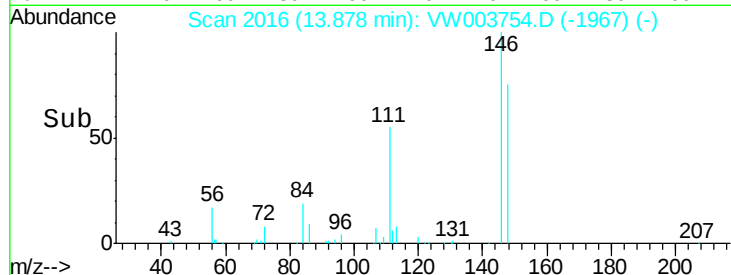
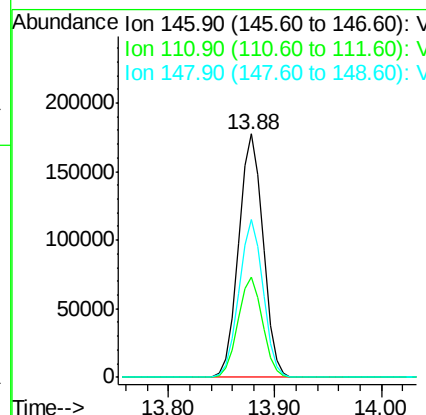
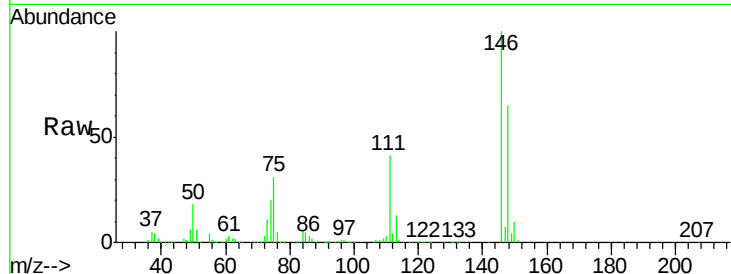
#91
 1,2-Dichlorobenzene
 Concen: 50.81 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: VW003754.D
 Acq: 07 Jul 2018 01:50

Instrument :
 MSVOA_W
 ClientSampled :
 ICVVW070718

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.7	62.1
148	64.0	31.9	95.9

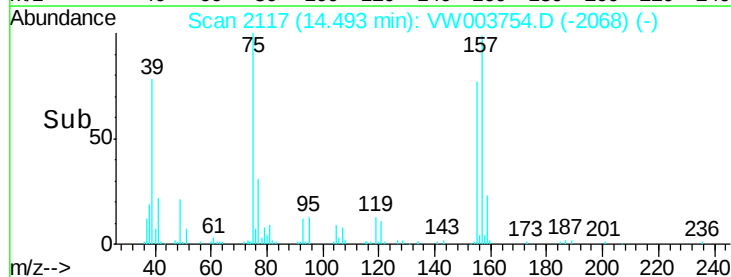
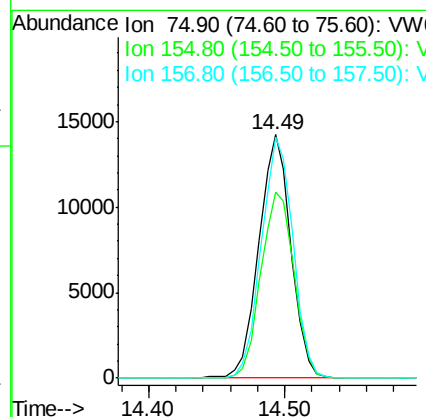
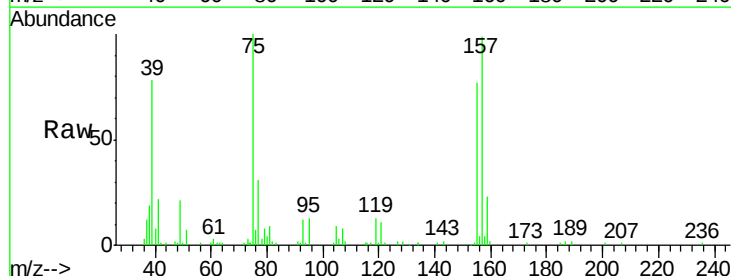
Manual Integrations
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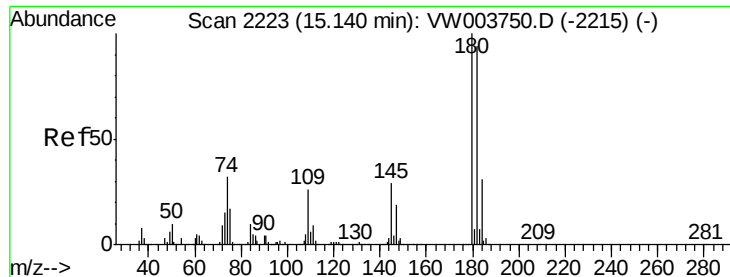
apatel
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.59 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VW003754.D
 Acq: 07 Jul 2018 01:50

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.0	39.2	117.6
157	97.9	50.7	152.1





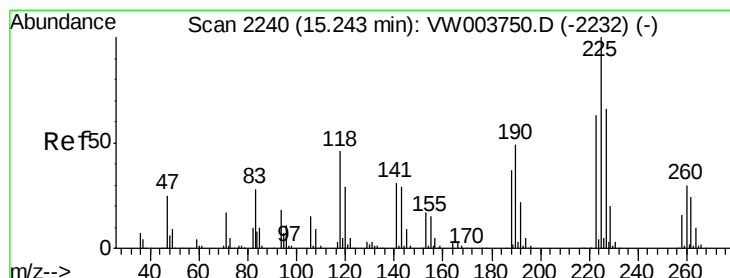
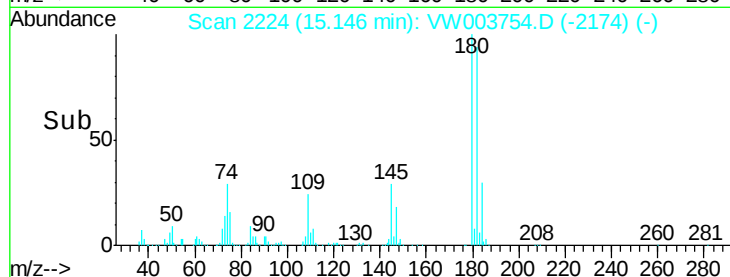
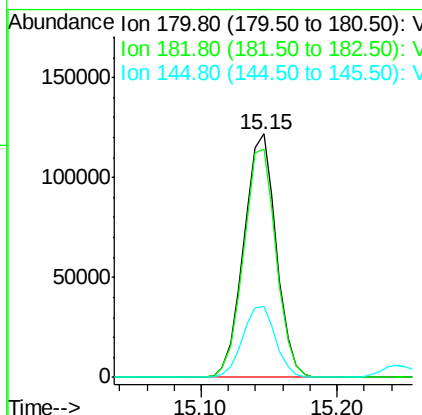
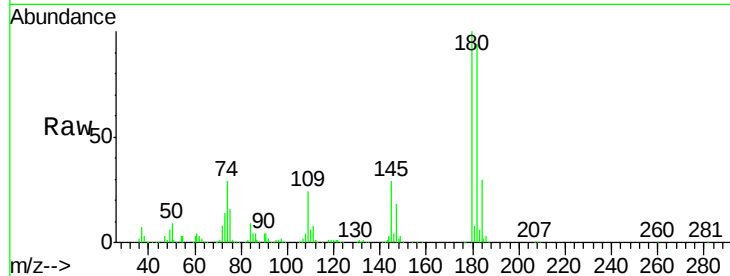
#93
 1,2,4-Trichlorobenzene
 Concen: 52.89 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.01 min
 Lab File: VW003754.D
 Acq: 07 Jul 2018 01:50

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW070718

Tot Ion	Ratio	Resp	Lower	Upper
180	100	202255		
182	94.9	47.4	142.2	
145	30.0	15.0	45.0	

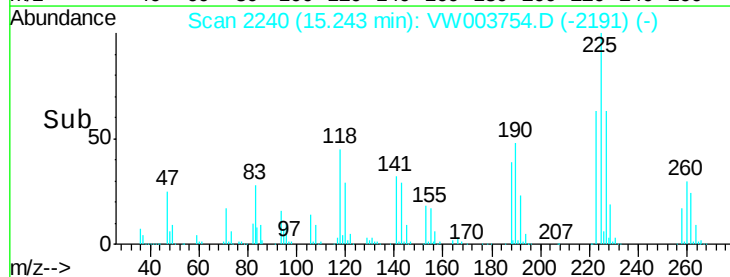
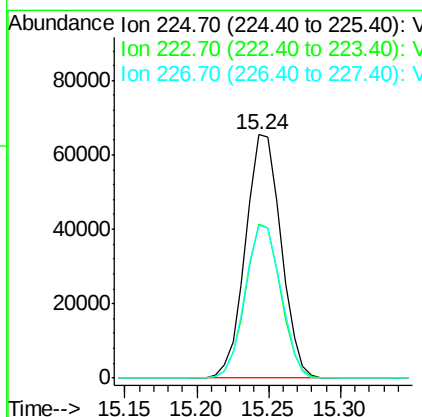
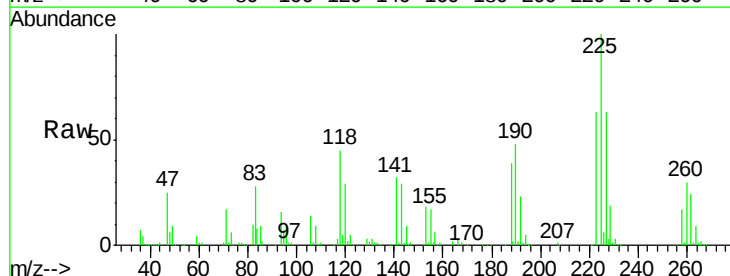
Manual Integrations
 APPROVED

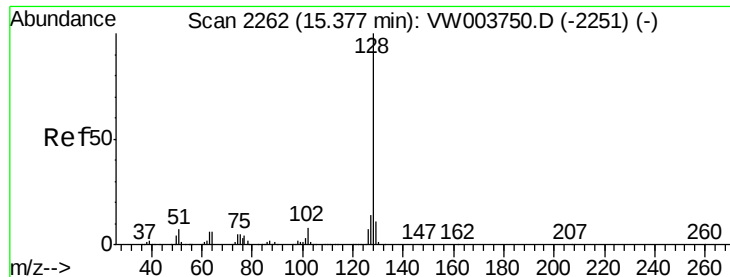
apatel
 7/9/2018 10:26:18 AM



#94
 Hexachlorobutadiene
 Concen: 50.94 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. -0.00 min
 Lab File: VW003754.D
 Acq: 07 Jul 2018 01:50

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	111410		
223	62.7	32.6	97.7	
227	63.7	32.5	97.5	





#95

Naphthalene

Concen: 58.84 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. -0.00 min

Lab File: VW003754.D

Acq: 07 Jul 2018 01:50

Instrument :

MSVOA_W

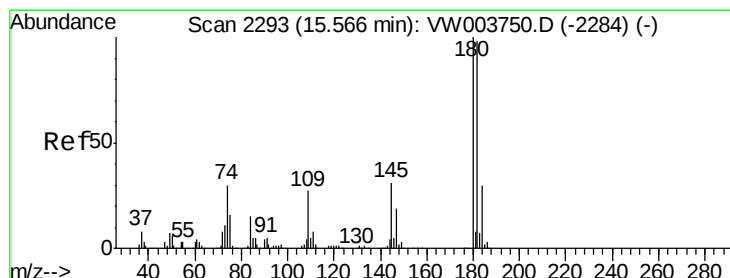
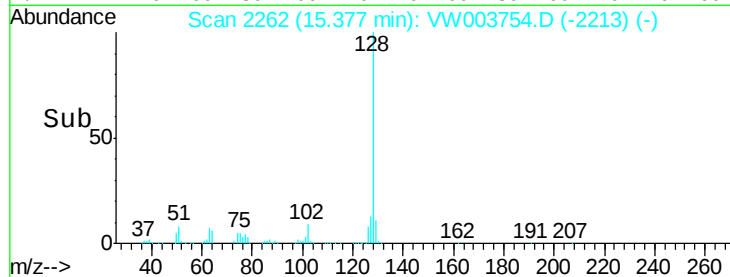
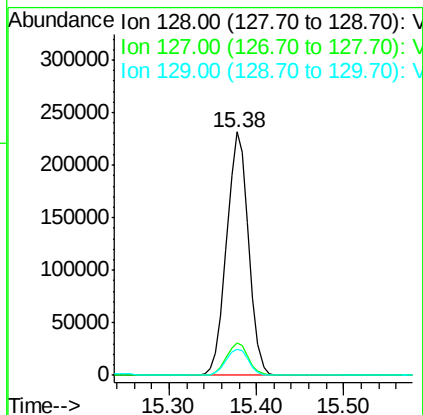
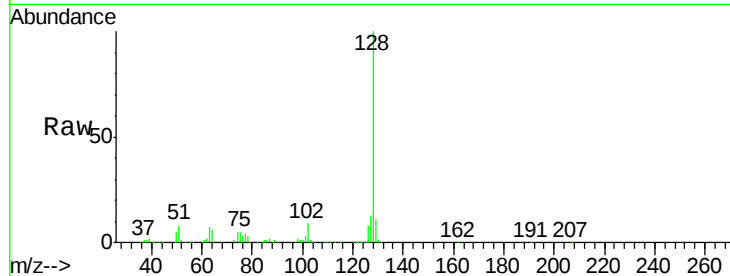
ClientSampleId :

ICVW070718

Tot Ion:	128	Resp:	402104
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.8	16.2
129	11.1	8.6	13.0

Manual Integrations
APPROVED

apatel
7/9/2018 10:26:18 AM



#96

1,2,3-Trichlorobenzene

Concen: 53.68 ug/l

RT: 15.57 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VW003754.D

Acq: 07 Jul 2018 01:50

Tgt Ion:	180	Resp:	183794
Ion Ratio	Lower	Upper	
180	100		
182	93.9	47.4	142.3
145	31.5	15.8	47.4

