

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062818\
 Data File : VW003652.D
 Acq On : 28 Jun 2018 21:08
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 6/29/2018 3:02:14 PM

Quant Time: Jun 29 08:25:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 05:18:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	195944	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	308163	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	295208	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	161364	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	128580	60.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.16%	
35) Dibromofluoromethane	7.88	113	111120	58.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.06%	
50) Toluene-d8	10.33	98	434928	57.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.56%	
62) 4-Bromofluorobenzene	12.62	95	161893	60.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	31232	52.72	ug/l	93
3) Chloromethane	2.21	50	70261	46.94	ug/l	96
4) Vinyl Chloride	2.36	62	102881	47.15	ug/l	98
5) Bromomethane	2.78	94	66539	45.88	ug/l	99
6) Chloroethane	2.92	64	68749	45.27	ug/l	99
7) Trichlorofluoromethane	3.25	101	59136	45.24	ug/l	99
8) Diethyl Ether	3.67	74	51796	53.94	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	93290	51.40	ug/l	99
10) Methyl Iodide	4.26	142	139730	50.90	ug/l	99
11) Tert butyl alcohol	5.24	59	35094	308.32	ug/l #	89
12) 1,1-Dichloroethene	4.03	96	89074	50.22	ug/l	99
13) Acrolein	3.90	56	38030	233.69	ug/l	95
14) Allyl chloride	4.66	41	166049	54.04	ug/l	97
15) Acrylonitrile	5.37	53	121947	308.67	ug/l	100
16) Acetone	4.15	43	114307	256.80	ug/l	100
17) Carbon Disulfide	4.37	76	249118	47.51	ug/l	99
18) Methyl Acetate	4.68	43	68516	64.88	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	196737	59.22	ug/l	97
20) Methylene Chloride	4.91	84	108082	57.73	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	102640	53.17	ug/l	97
22) Diisopropyl ether	6.31	45	360077	58.23	ug/l	96
23) Vinyl Acetate	6.26	43	1045191	293.31	ug/l	99
24) 1,1-Dichloroethane	6.21	63	201395	54.86	ug/l	98
25) 2-Butanone	7.18	43	168843	305.04	ug/l	98
26) 2,2-Dichloropropane	7.17	77	118323	48.30	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	116035	54.72	ug/l	100
28) Bromochloromethane	7.51	49	98863	64.72	ug/l	95
29) Tetrahydrofuran	7.54	42	106452	314.68	ug/l	98
30) Chloroform	7.68	83	211070	56.44	ug/l	100
31) Cyclohexane	7.96	56	166313	48.49	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	163692	53.03	ug/l	100
36) 1,1-Dichloropropene	8.08	75	155581	52.28	ug/l	100
37) Ethyl Acetate	7.26	43	75413	61.17	ug/l	99
38) Carbon Tetrachloride	8.07	117	151819	52.01	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	175724	51.03	ug/l	98
40) Benzene	8.33	78	451940	55.09	ug/l	100
41) Methacrylonitrile	7.49	41	46635	61.64	ug/l	99
42) 1,2-Dichloroethane	8.40	62	146667	57.07	ug/l	99
43) Isopropyl Acetate	8.43	43	145531	59.45	ug/l	99
44) Trichloroethene	9.10	130	115079	52.94	ug/l	98
45) 1,2-Dichloropropane	9.37	63	120654	57.77	ug/l	98
46) Dibromomethane	9.46	93	61132	57.17	ug/l	98
47) Bromodichloromethane	9.65	83	155789	56.84	ug/l	99
48) Methyl methacrylate	9.44	41	71387	62.05	ug/l	98
49) 1,4-Dioxane	9.49	88	18797	1164.18	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	396021	317.47	ug/l	100
52) Toluene	10.39	92	290077	55.14	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	159778	57.06	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	180657	56.69	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	88530	58.75	ug/l	98
56) Ethyl methacrylate	10.65	69	114136	62.38	ug/l	99
57) 1,3-Dichloropropane	10.94	76	153162	58.93	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	248306	302.71	ug/l	96
59) 2-Hexanone	10.98	43	278646	319.75	ug/l	100
60) Dibromochloromethane	11.13	129	103397	57.70	ug/l	100
61) 1,2-Dibromoethane	11.24	107	83289	58.43	ug/l	100
64) Tetrachloroethene	10.87	164	101325	51.32	ug/l	98
65) Chlorobenzene	11.66	112	319599	51.99	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	115327	53.38	ug/l	99
67) Ethyl Benzene	11.74	91	577279	52.98	ug/l	100
68) m/p-Xylenes	11.85	106	440083	106.24	ug/l	100
69) o-Xylene	12.17	106	207164	53.96	ug/l	99
70) Styrene	12.19	104	356961	55.86	ug/l	99
71) Bromoform	12.35	173	62086	55.45	ug/l	100
73) Isopropylbenzene	12.47	105	576601	51.37	ug/l	100
74) N-amyl acetate	12.28	43	146402	57.31	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	107586	56.66	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	76385m	55.37	ug/l	
77) Bromobenzene	12.76	156	135722	51.92	ug/l	96
78) n-propylbenzene	12.81	91	717890	52.24	ug/l	100
79) 2-Chlorotoluene	12.90	91	408012	52.54	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	495815	52.63	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	32383	54.02	ug/l	98
82) 4-Chlorotoluene	12.99	91	429727	52.16	ug/l	100
83) tert-Butylbenzene	13.21	119	420884	52.42	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	511843	52.82	ug/l	100
85) sec-Butylbenzene	13.39	105	614900	51.53	ug/l	100
86) p-Isopropyltoluene	13.51	119	543752	51.66	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	277404	51.66	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	274829	51.48	ug/l	99
89) n-Butylbenzene	13.83	91	530459	51.70	ug/l	99
90) Hexachloroethane	14.10	117	98512	51.74	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	249697	53.09	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	18343	57.40	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	173040	52.40	ug/l	98
94) Hexachlorobutadiene	15.25	225	97706	49.19	ug/l	97
95) Naphthalene	15.38	128	318856	56.93	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	154166	53.04	ug/l	99

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

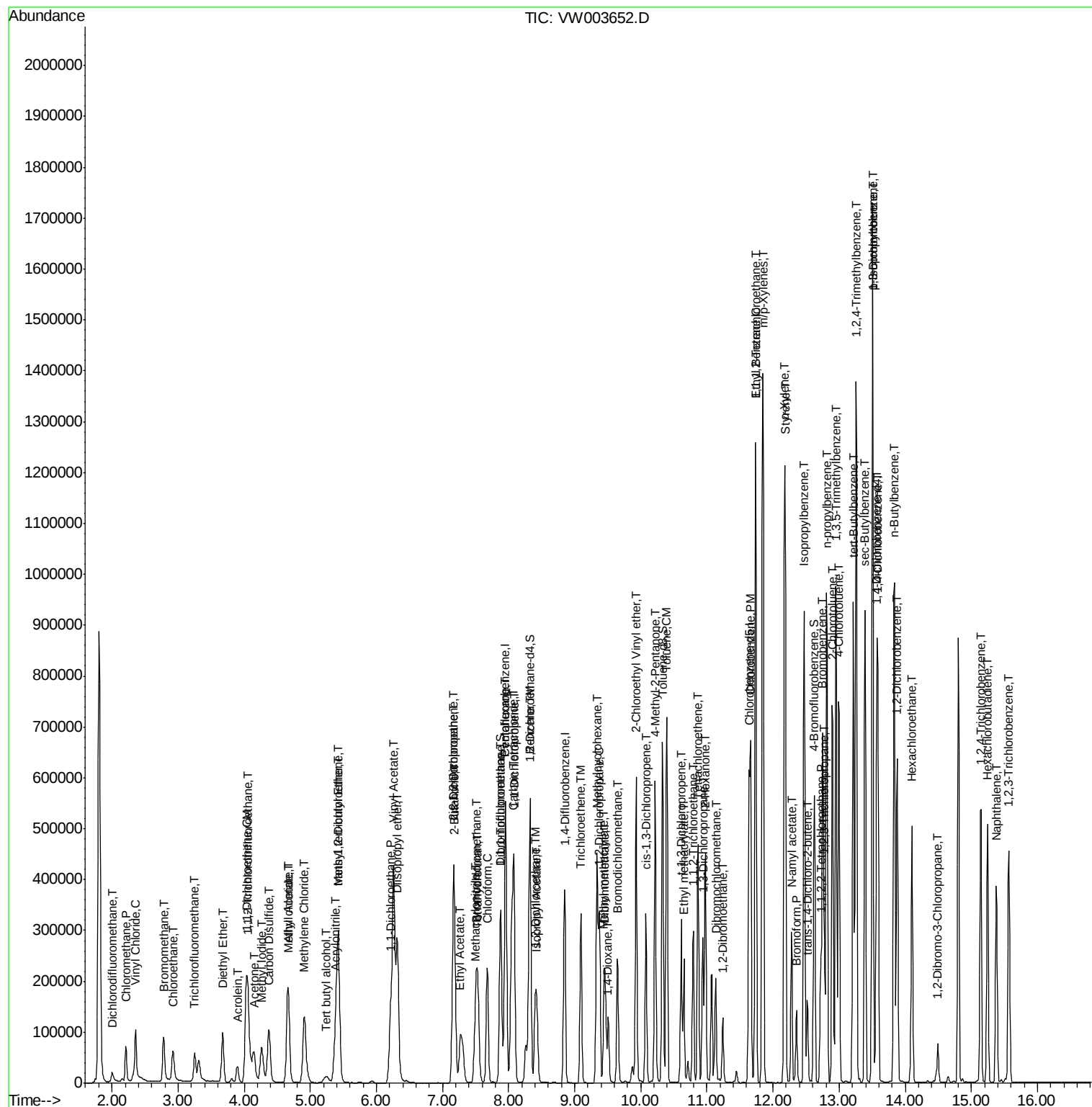
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062818\
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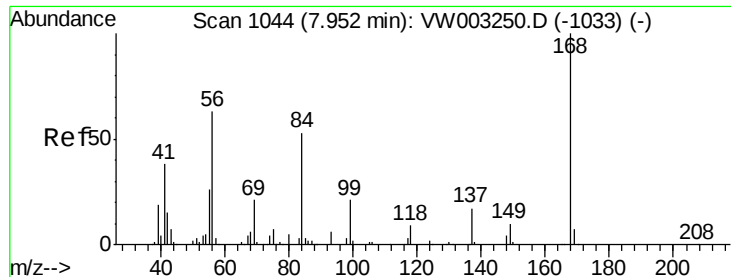
Instrument :
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003652.D

Acq: 28 Jun 2018 21:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 195944

Ion Ratio Lower Upper

168 100

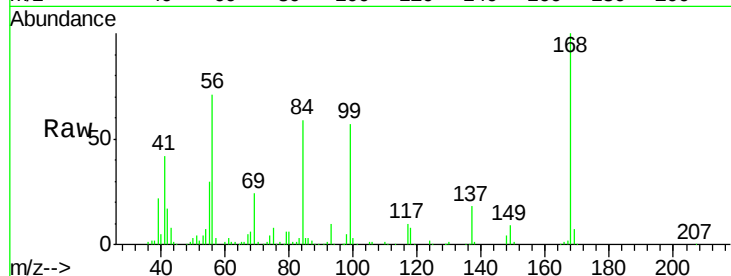
99 57.2 45.5 68.3

Manual Integrations

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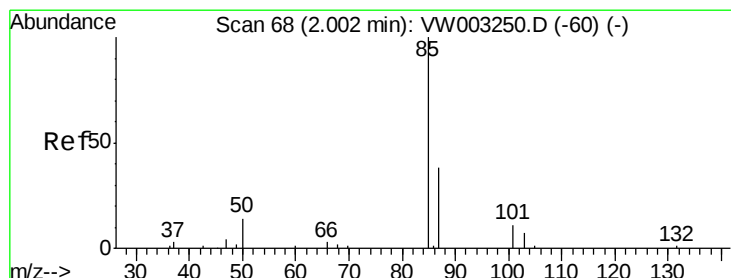
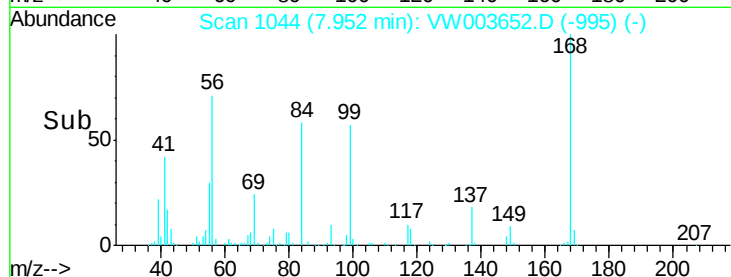
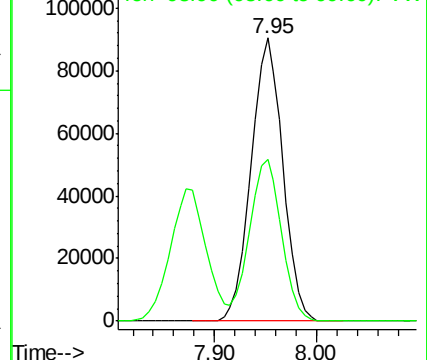
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 52.72 ug/l

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW003652.D

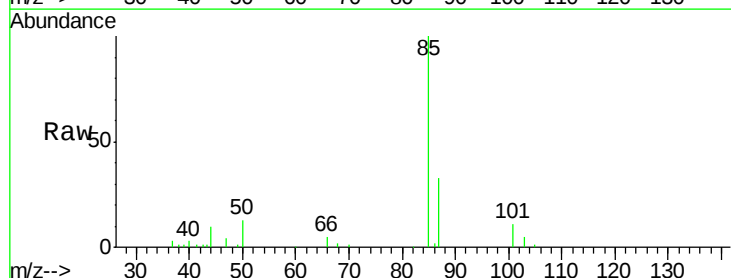
Acq: 28 Jun 2018 21:08

Tgt Ion: 85 Resp: 31232

Ion Ratio Lower Upper

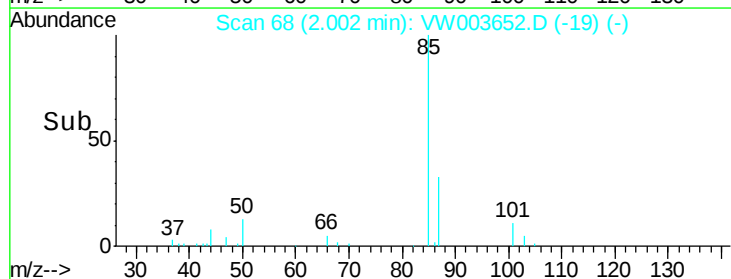
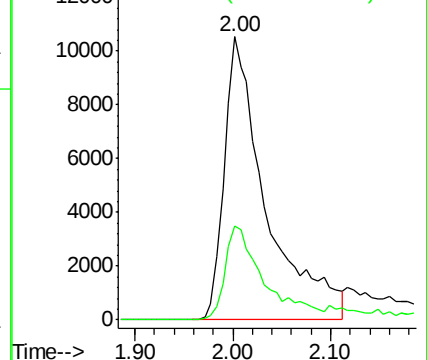
85 100

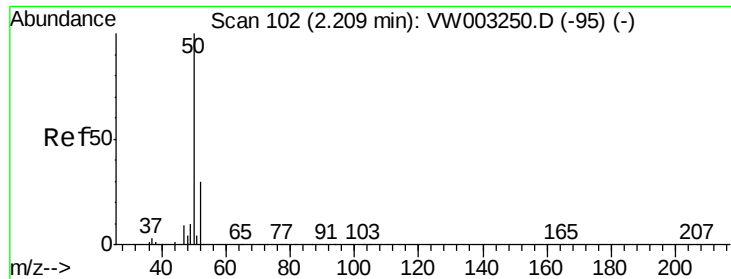
87 33.4 18.9 56.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 46.94 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW003652.D

Acq: 28 Jun 2018 21:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 70261

Ion Ratio Lower Upper

50 100

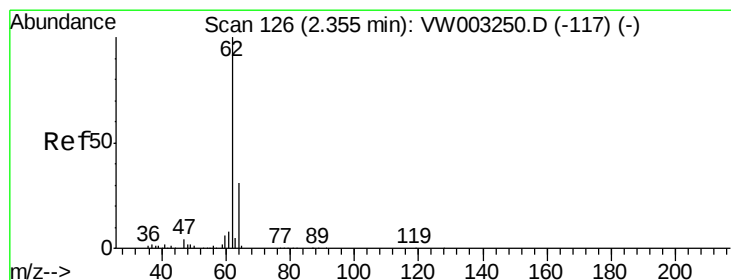
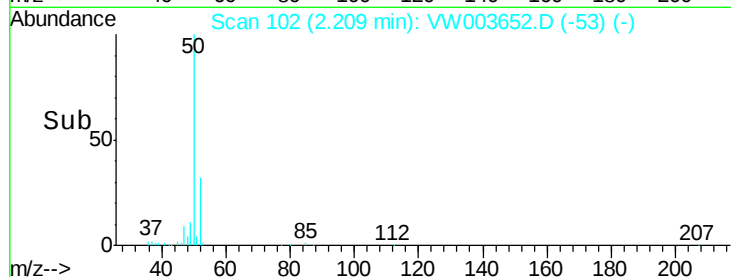
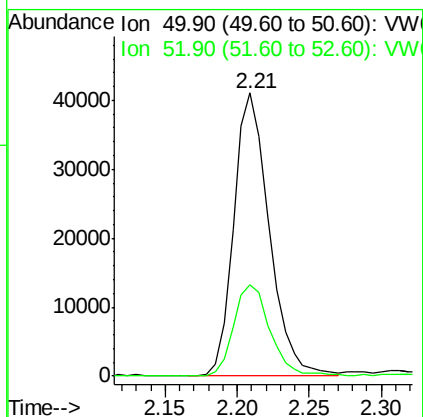
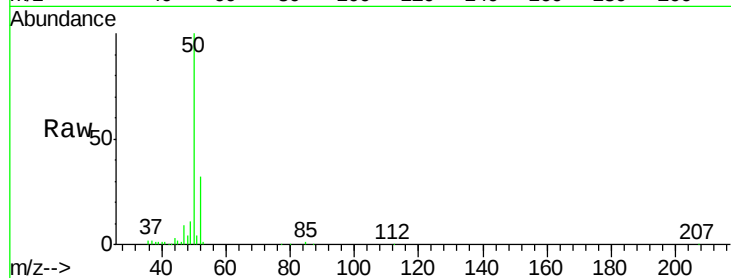
52 32.5 24.2 36.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 47.15 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW003652.D

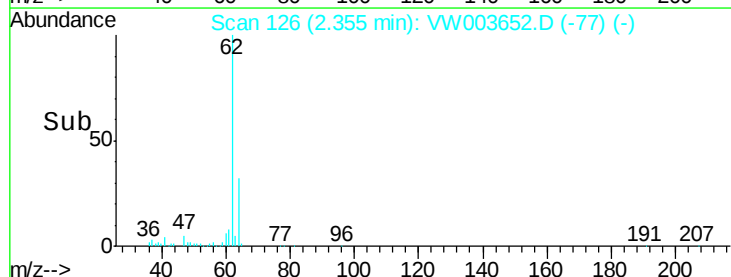
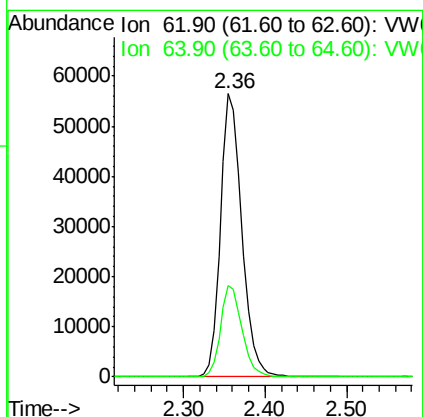
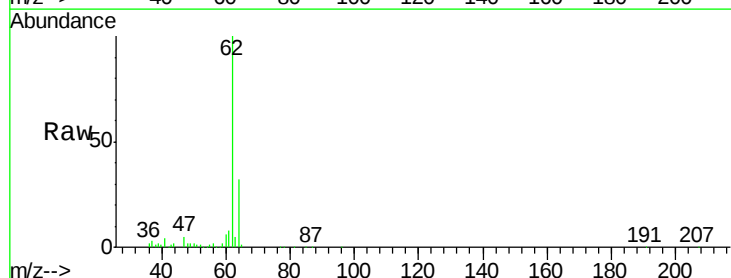
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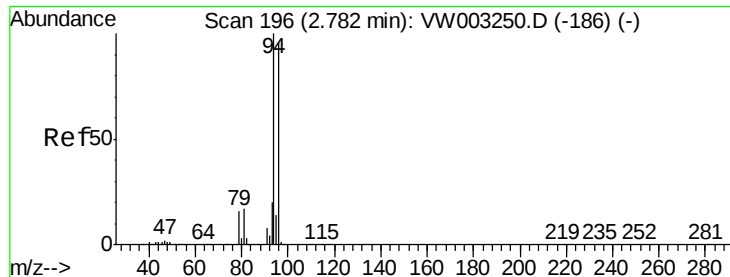
Tgt Ion: 62 Resp: 102881

Ion Ratio Lower Upper

62 100

64 32.3 24.9 37.3





#5

Bromomethane

Concen: 45.88 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.00 min

Lab File: VW003652.D

Acq: 28 Jun 2018 21:08

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Tot Ion: 94 Resp: 66539

Ion Ratio Lower Upper

94 100

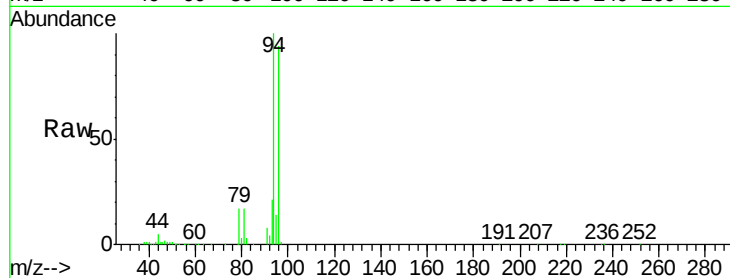
96 94.4 76.5 114.7

Manual Integrations

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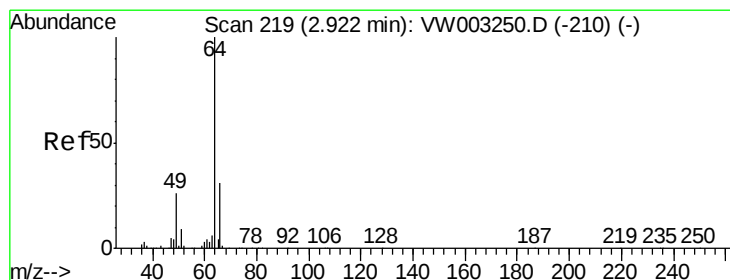
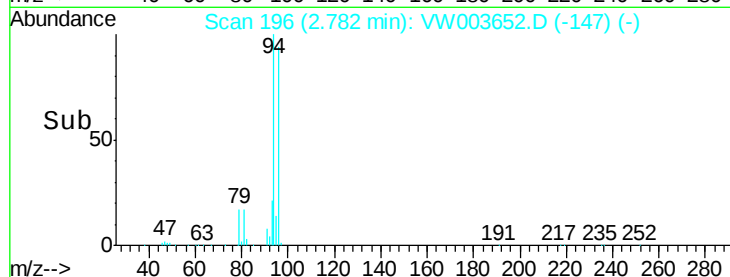
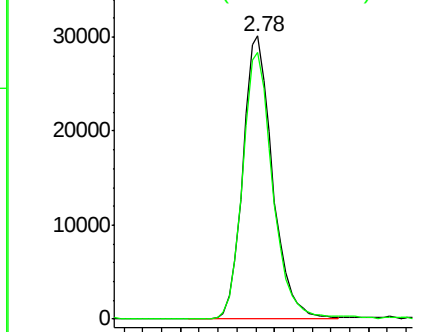
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Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 45.27 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.00 min

Lab File: VW003652.D

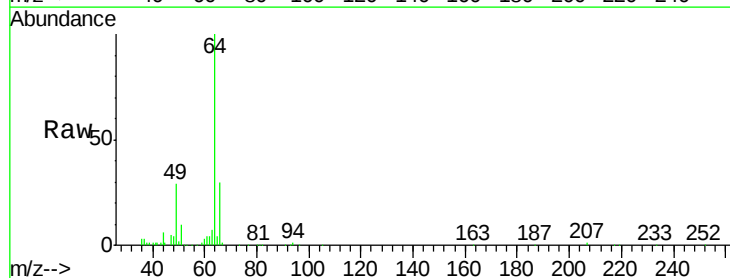
Acq: 28 Jun 2018 21:08

Tgt Ion: 64 Resp: 68749

Ion Ratio Lower Upper

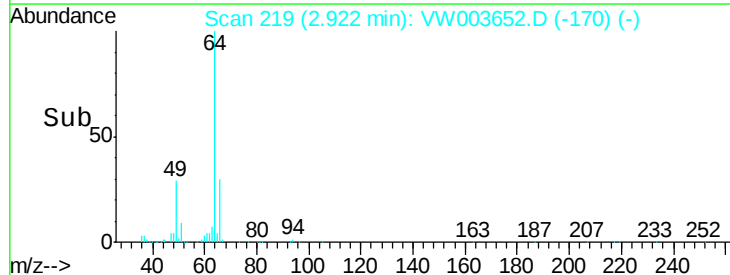
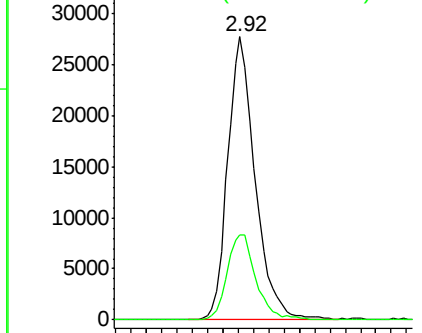
64 100

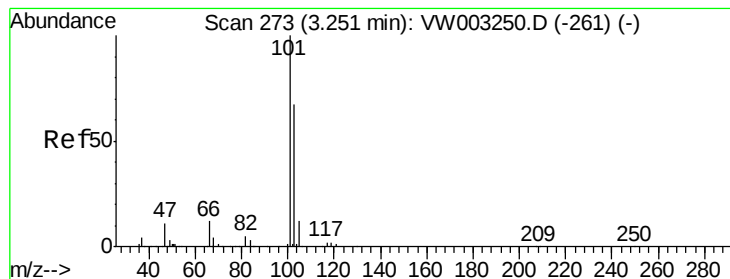
66 30.1 24.4 36.6



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW





#7

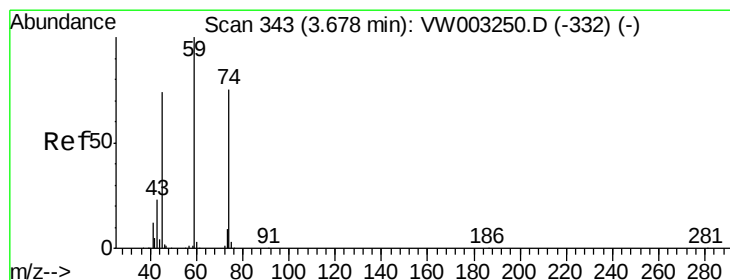
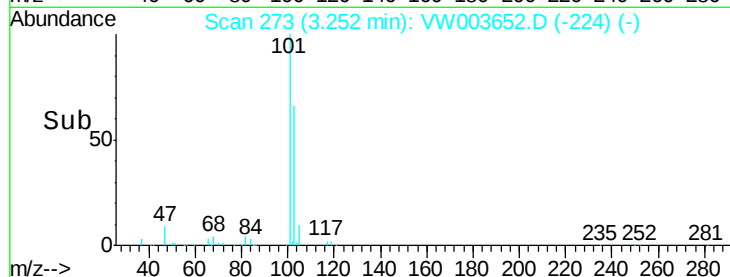
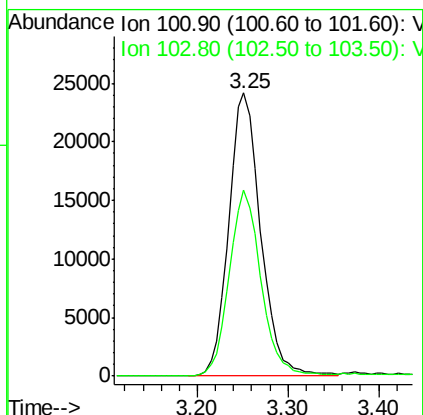
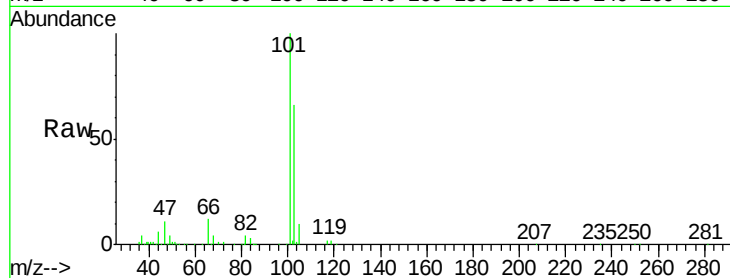
Trichlorofluoromethane
 Concen: 45.24 ug/l
 RT: 3.25 min Scan# 273
 Delta R.T. 0.00 min
 Lab File: VW003652.D
 Acq: 28 Jun 2018 21:08

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.9	53.4	80.0

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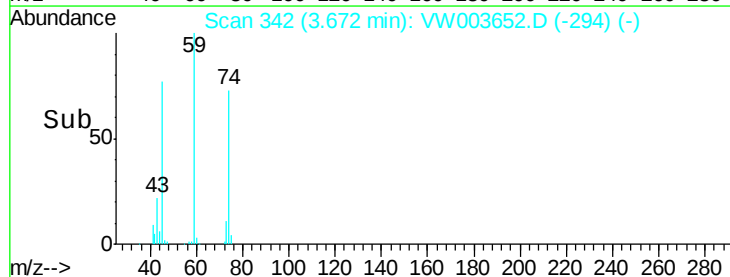
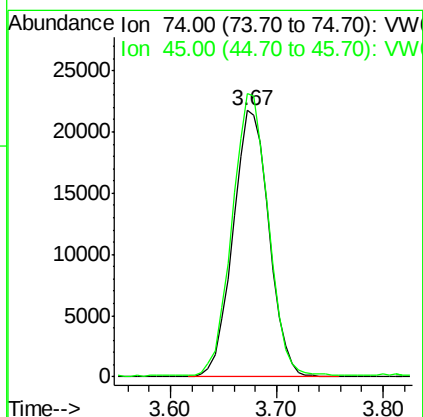
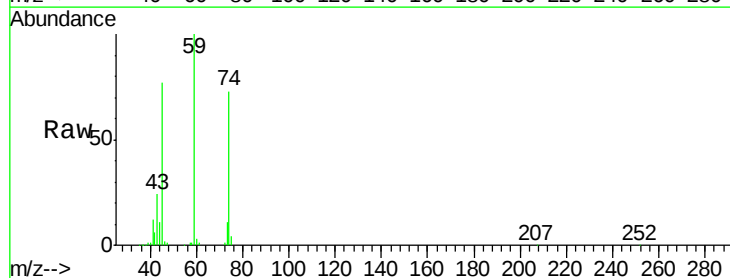
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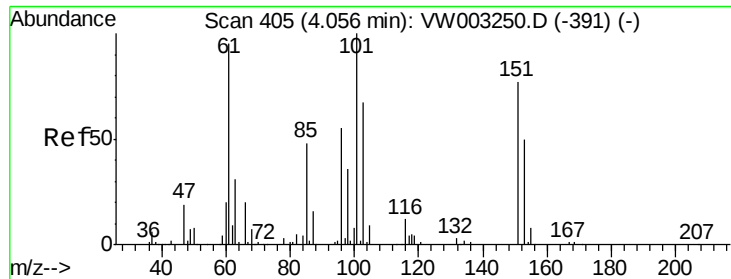


#8

Diethyl Ether
 Concen: 53.94 ug/l
 RT: 3.67 min Scan# 342
 Delta R.T. -0.01 min
 Lab File: VW003652.D
 Acq: 28 Jun 2018 21:08

Tgt Ion	Ratio	Lower	Upper
74	100		
45	106.3	51.4	154.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.40 ug/l

RT: 4.06 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW003652.D

Acq: 28 Jun 2018 21:08

Instrument :

MSVOA_W

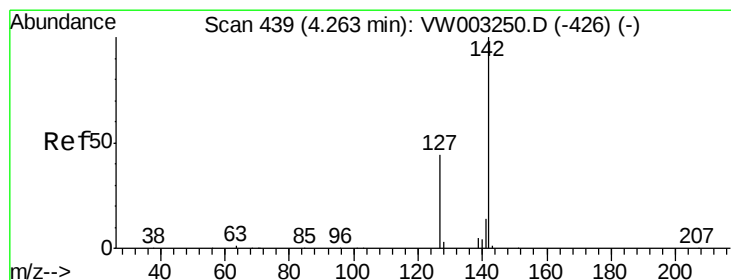
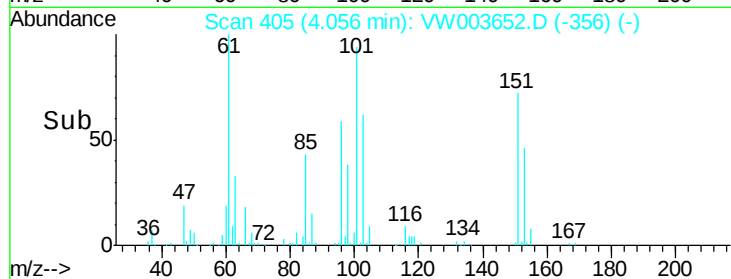
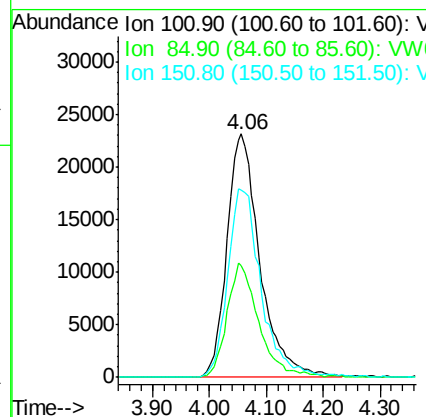
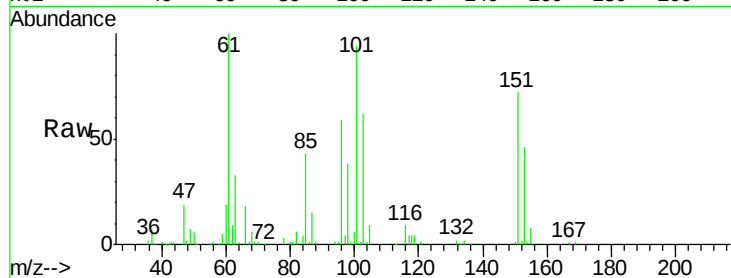
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	93290
Ion Ratio	Lower	Upper	
101	100		
85	45.2	37.0	55.6
151	78.8	63.3	94.9

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#10

Methyl Iodide

Concen: 50.90 ug/l

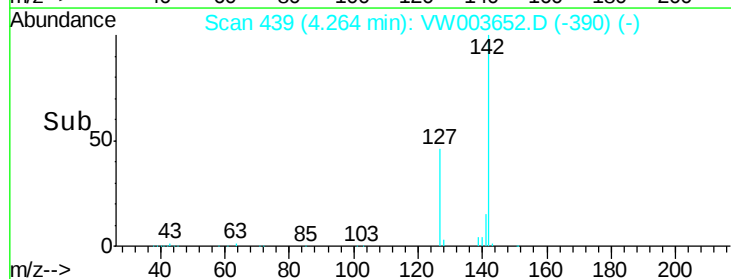
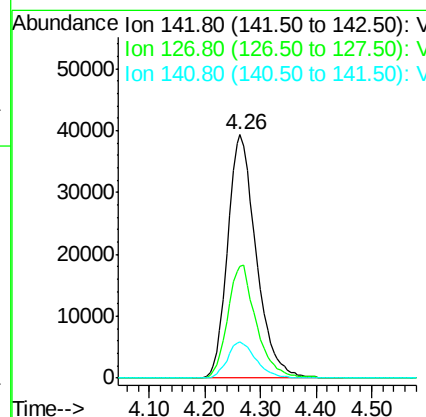
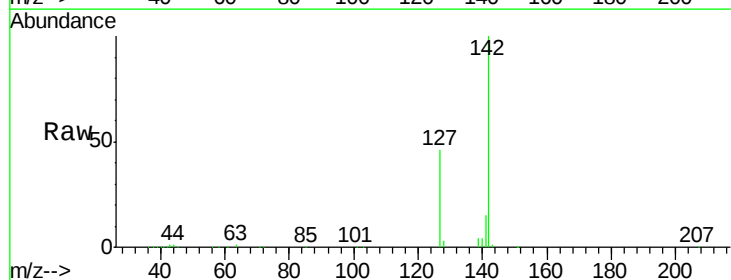
RT: 4.26 min Scan# 439

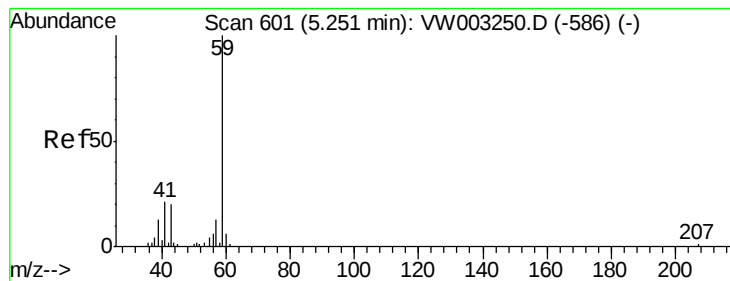
Delta R.T. 0.00 min

Lab File: VW003652.D

Acq: 28 Jun 2018 21:08

Tgt Ion:	142	Resp:	139730
Ion Ratio	Lower	Upper	
142	100		
127	46.3	36.5	54.7
141	15.0	12.1	18.1





#11

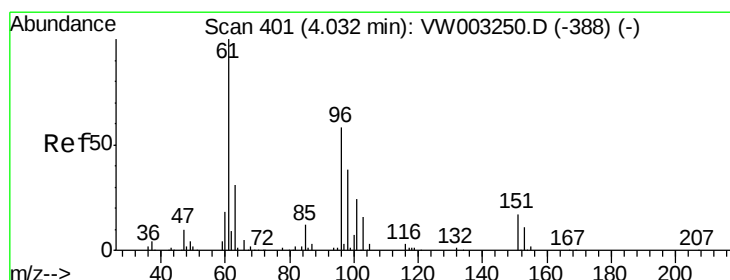
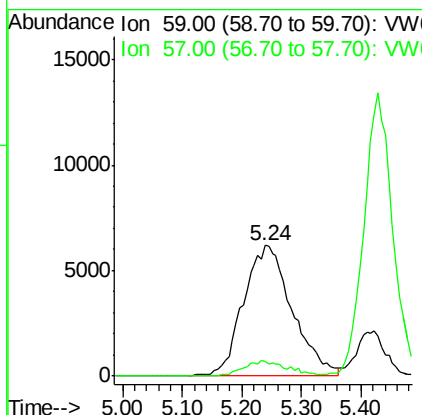
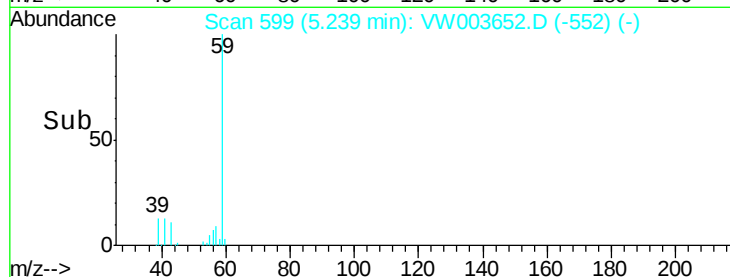
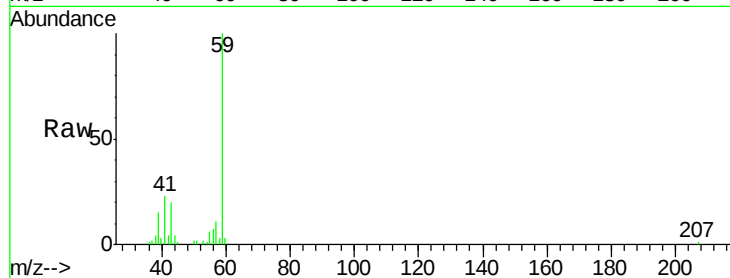
Tert butyl alcohol
Concen: 308.32 ug/l
RT: 5.24 min Scan# 599
Delta R.T. -0.01 min
Lab File: VW003652.D
Acq: 28 Jun 2018 21:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 59 Resp: 35094
Ion Ratio Lower Upper
59 100
57 8.7 4.2 6.2#

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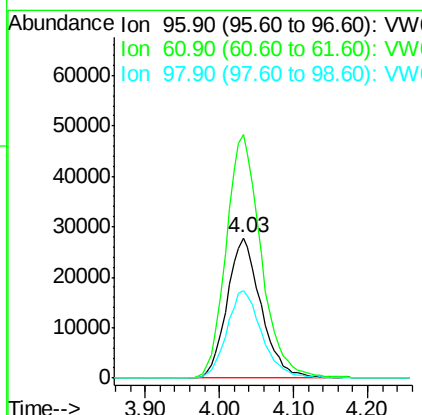
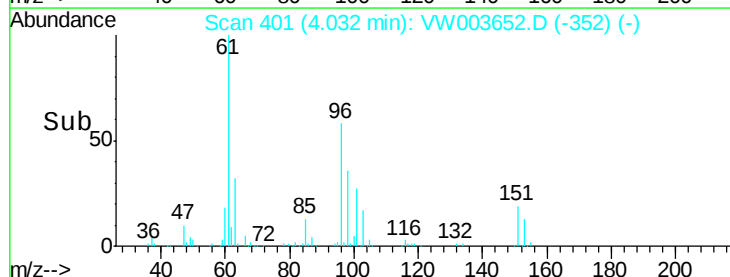
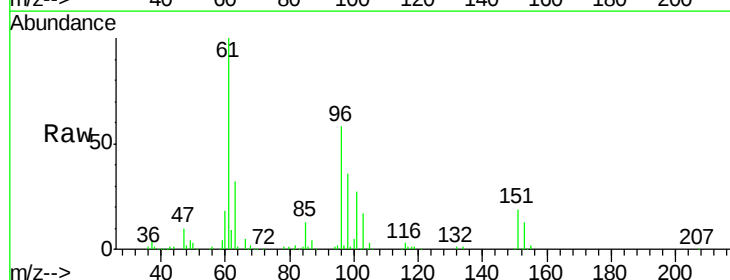
apatel
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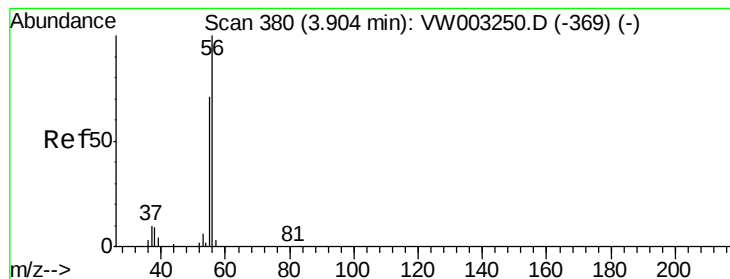


#12

1,1-Dichloroethene
Concen: 50.22 ug/l
RT: 4.03 min Scan# 401
Delta R.T. 0.00 min
Lab File: VW003652.D
Acq: 28 Jun 2018 21:08

Tgt Ion: 96 Resp: 89074
Ion Ratio Lower Upper
96 100
61 173.6 139.0 208.4
98 62.5 53.3 79.9





#13

Acrolein

Concen: 233.69 ug/l

RT: 3.90 min Scan# 379

Delta R.T. -0.01 min

Lab File: VW003652.D

Acq: 28 Jun 2018 21:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 38030

Ion Ratio Lower Upper

56 100

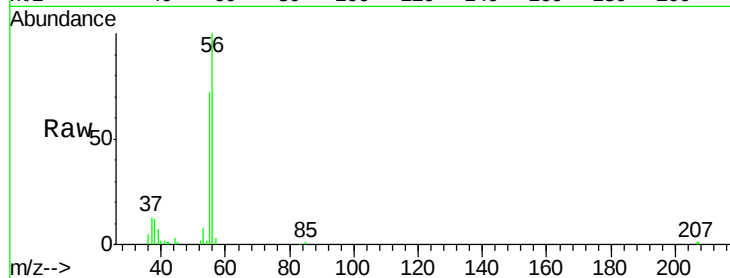
55 73.7 55.4 83.2

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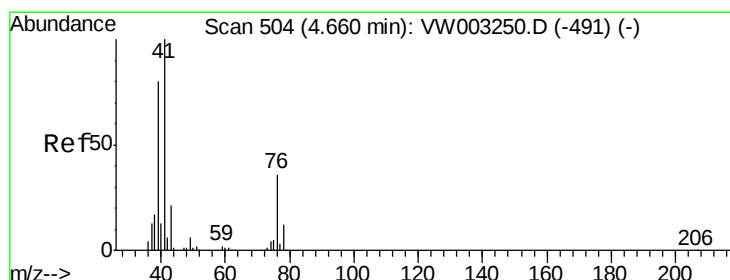
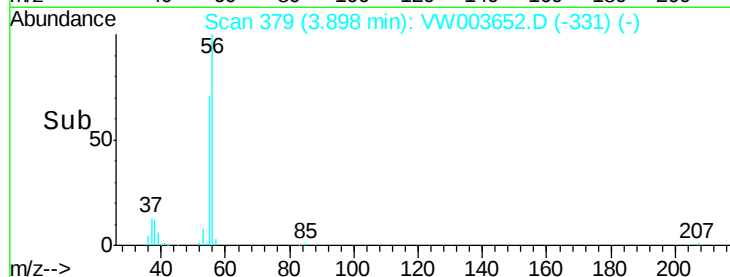
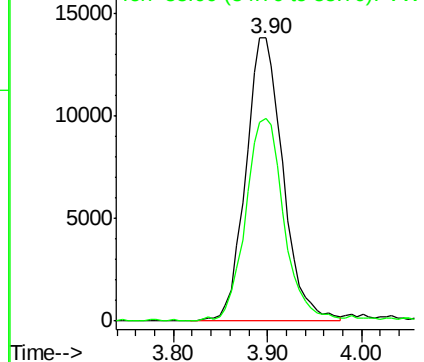
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Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 54.04 ug/l

RT: 4.66 min Scan# 504

Delta R.T. 0.00 min

Lab File: VW003652.D

Acq: 28 Jun 2018 21:08

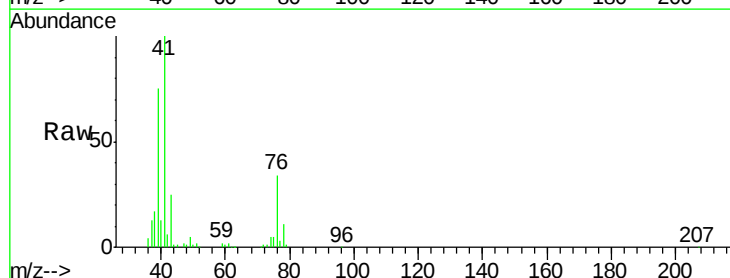
Tgt Ion: 41 Resp: 166049

Ion Ratio Lower Upper

41 100

39 75.5 63.2 94.8

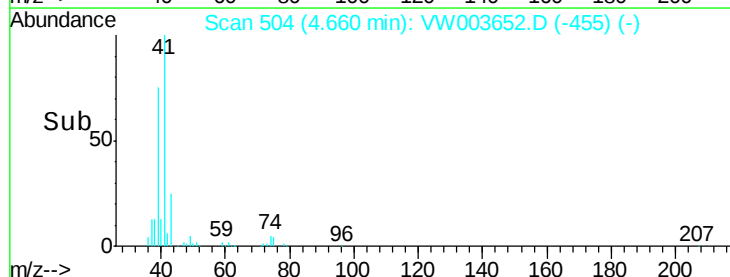
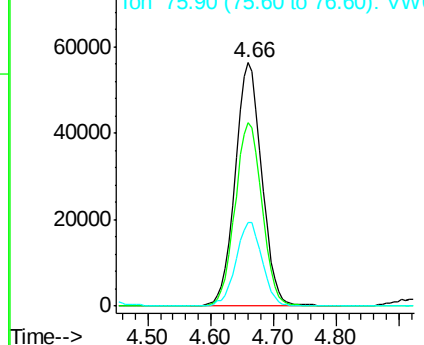
76 33.7 28.0 42.0

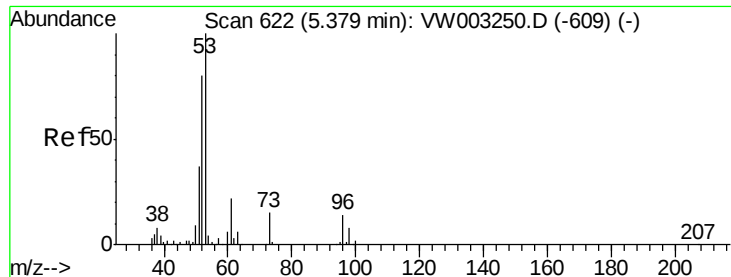


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 308.67 ug/l

RT: 5.37 min Scan# 621

Delta R.T. -0.01 min

Lab File: VW003652.D

Acq: 28 Jun 2018 21:08

Instrument :

MSVOA_W

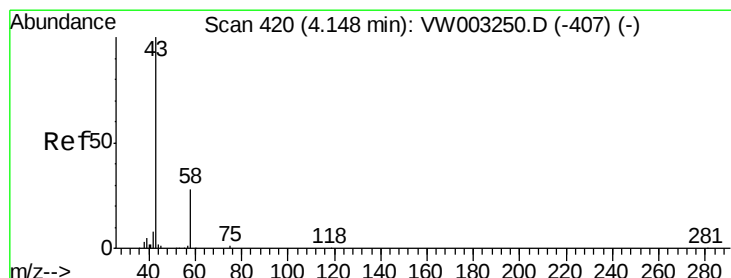
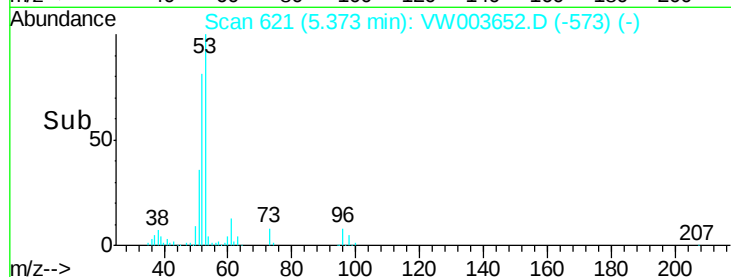
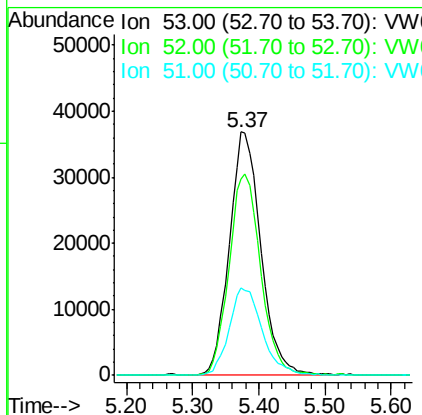
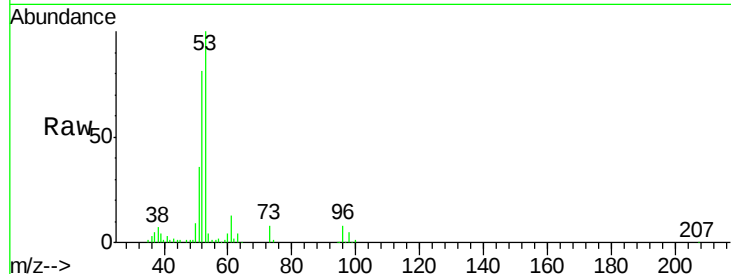
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	121947
Ion Ratio	Lower	Upper	
53	100		
52	83.0	66.6	100.0
51	37.9	30.6	46.0

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#16

Acetone

Concen: 256.80 ug/l

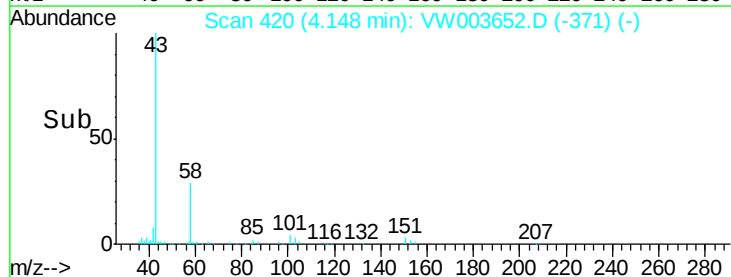
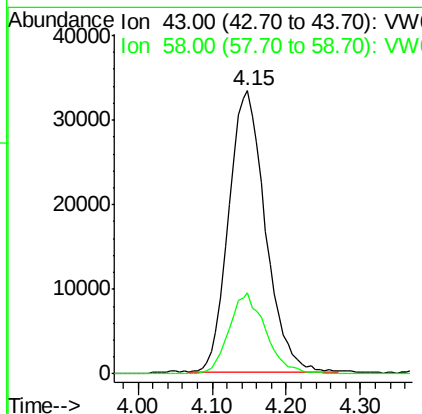
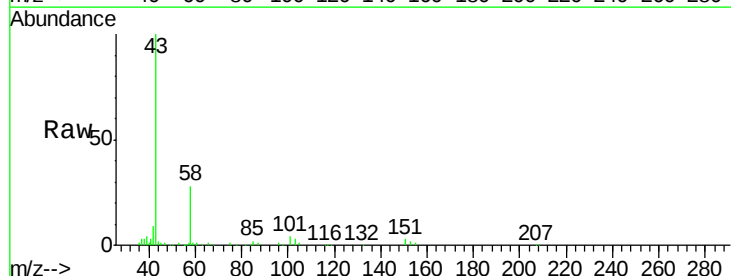
RT: 4.15 min Scan# 420

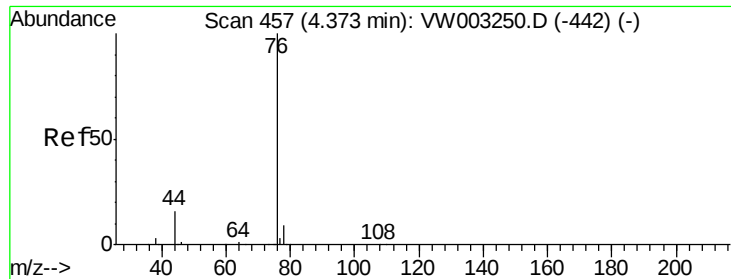
Delta R.T. 0.00 min

Lab File: VW003652.D

Acq: 28 Jun 2018 21:08

Tgt Ion:	43	Resp:	114307
Ion Ratio	Lower	Upper	
43	100		
58	28.4	22.6	34.0





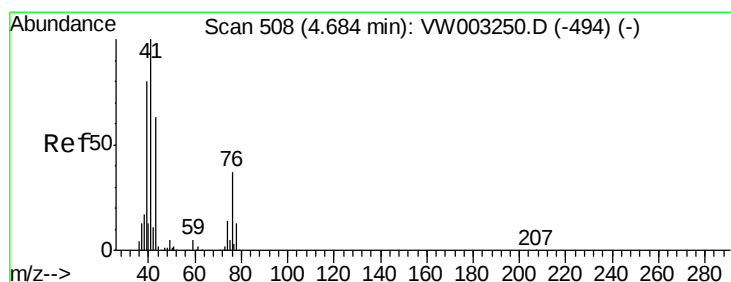
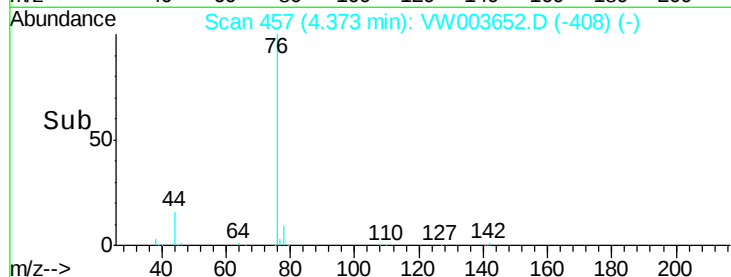
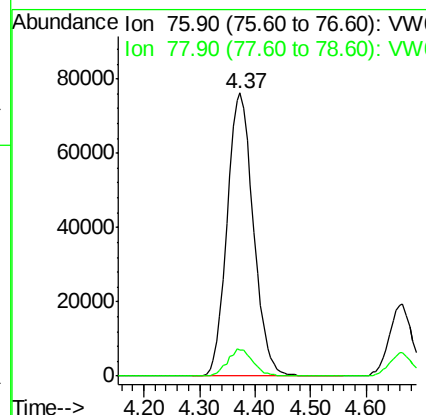
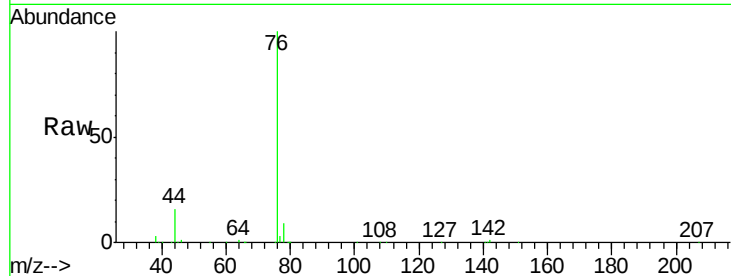
#17
Carbon Disulfide
Concen: 47.51 ug/l
RT: 4.37 min Scan# 457
Delta R.T. 0.00 min
Lab File: VW003652.D
Acq: 28 Jun 2018 21:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.1	10.7

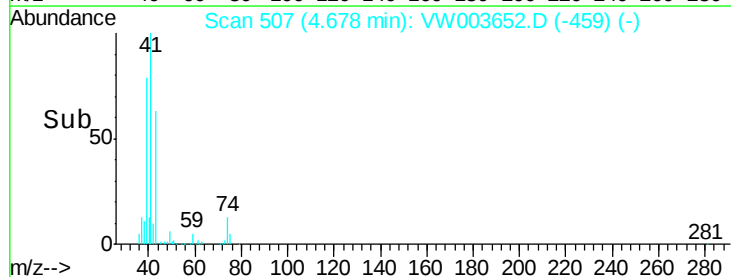
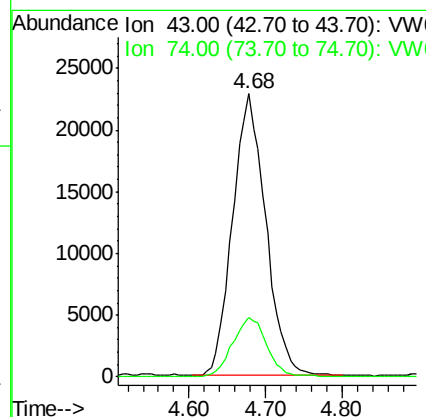
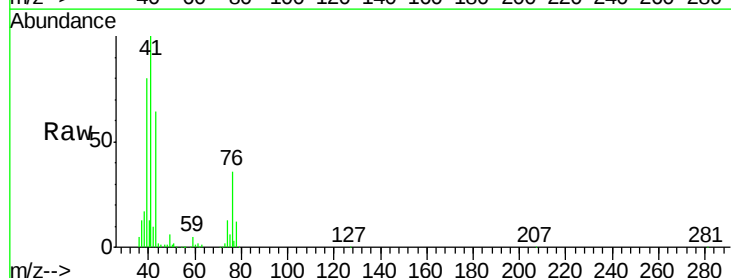
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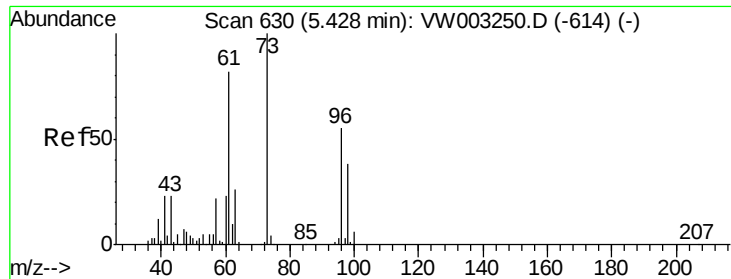
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#18
Methyl Acetate
Concen: 64.88 ug/l
RT: 4.68 min Scan# 507
Delta R.T. -0.01 min
Lab File: VW003652.D
Acq: 28 Jun 2018 21:08

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.8	18.7	28.1





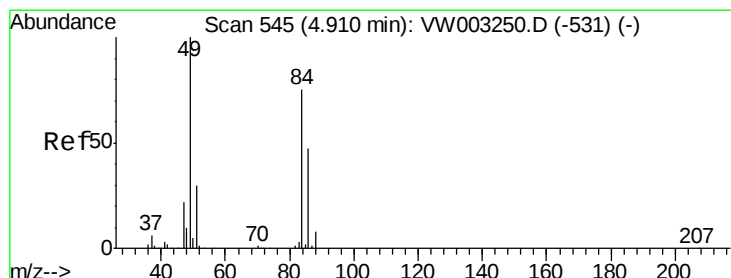
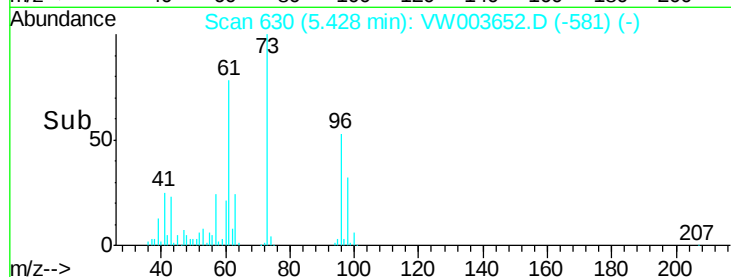
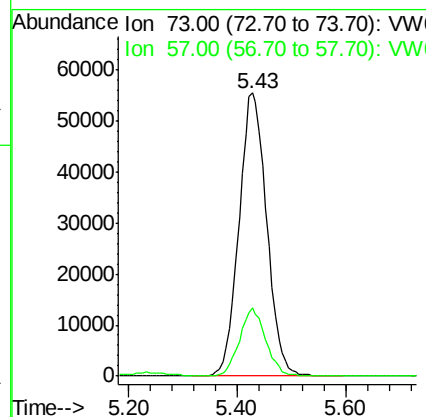
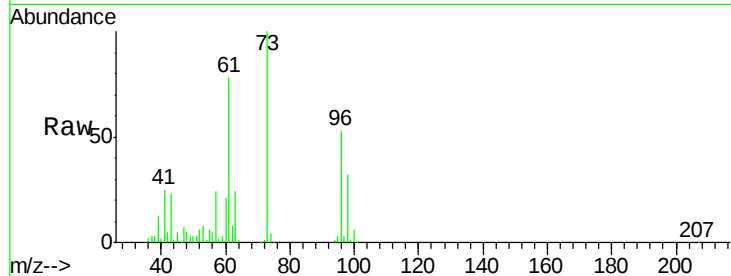
#19
Methvl tert-butvl Ether
Concen: 59.22 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.00 min
Lab File: VW003652.D
Acq: 28 Jun 2018 21:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 196737
Ion Ratio Lower Upper
73 100
57 24.2 18.0 27.0

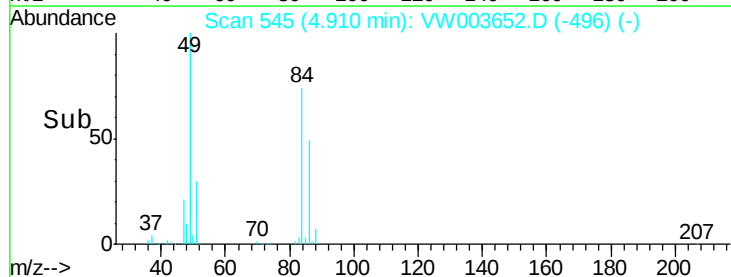
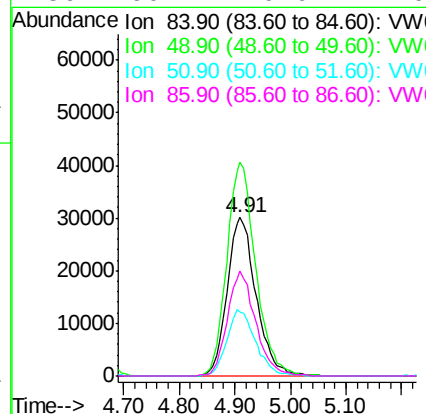
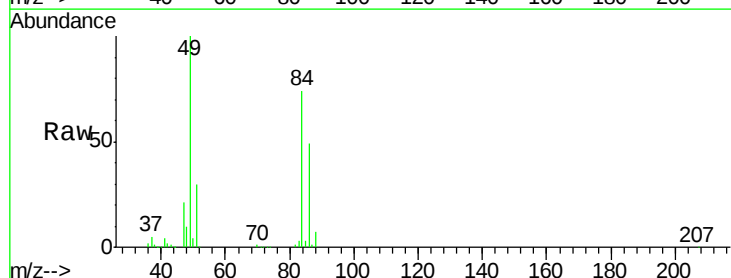
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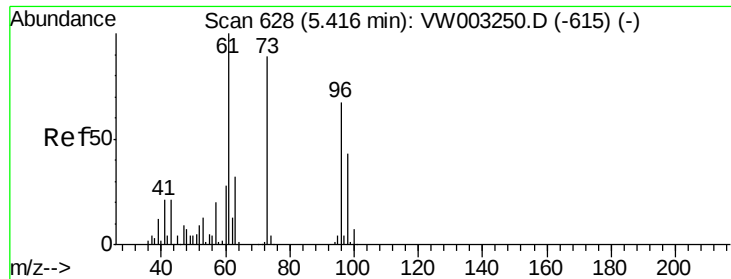
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#20
Methylene Chloride
Concen: 57.73 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003652.D
Acq: 28 Jun 2018 21:08

Tgt Ion: 84 Resp: 108082
Ion Ratio Lower Upper
84 100
49 134.9 106.3 159.5
51 40.4 32.0 48.0
86 66.1 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 53.17 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.00 min

Lab File: VW003652.D

Acq: 28 Jun 2018 21:08

Instrument :

MSVOA_W

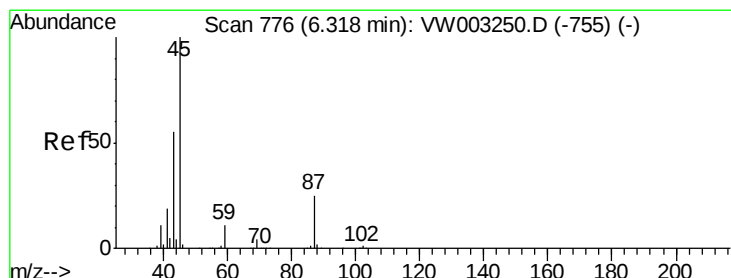
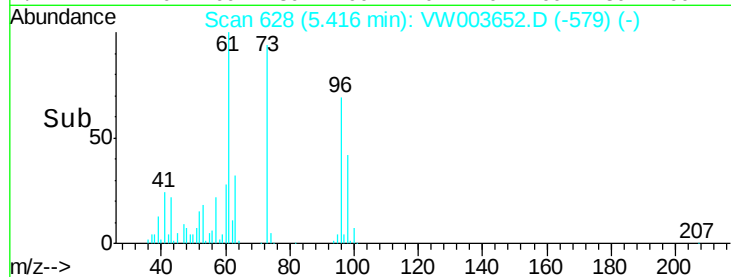
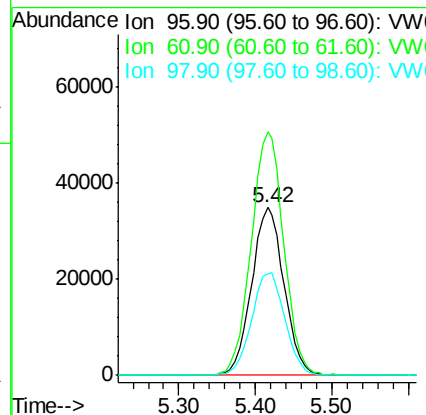
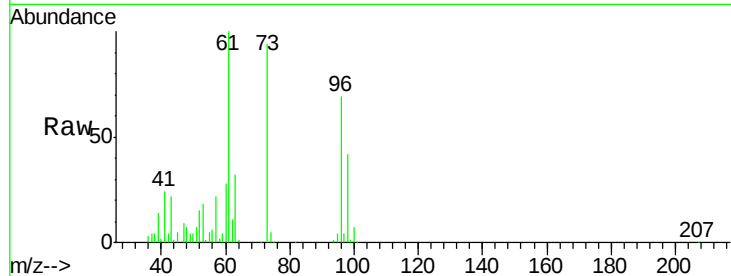
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	102640
Ion	Ratio	Lower	Upper
96	100		
61	144.9	118.7	178.1
98	60.6	51.0	76.6

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#22

Diisopropyl ether

Concen: 58.23 ug/l

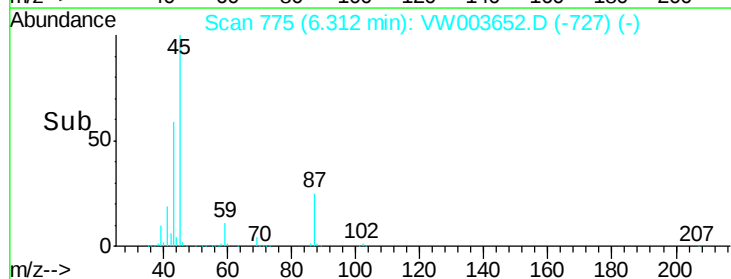
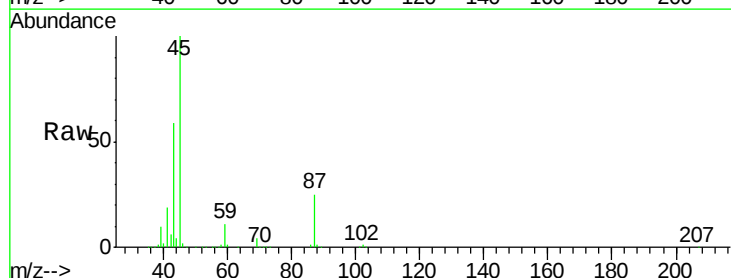
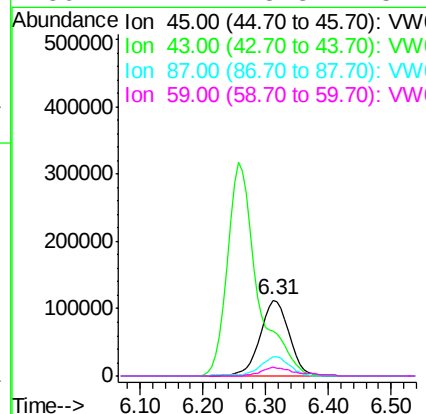
RT: 6.31 min Scan# 775

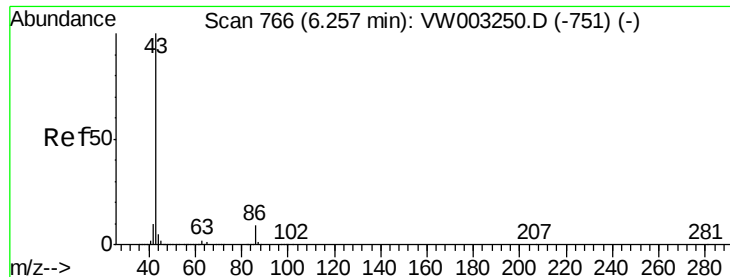
Delta R.T. -0.01 min

Lab File: VW003652.D

Acq: 28 Jun 2018 21:08

Tgt Ion:	45	Resp:	360077
Ion	Ratio	Lower	Upper
45	100		
43	59.1	44.0	66.0
87	25.3	20.6	31.0
59	11.2	8.8	13.2





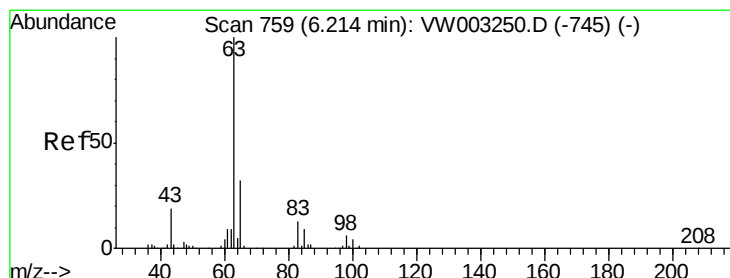
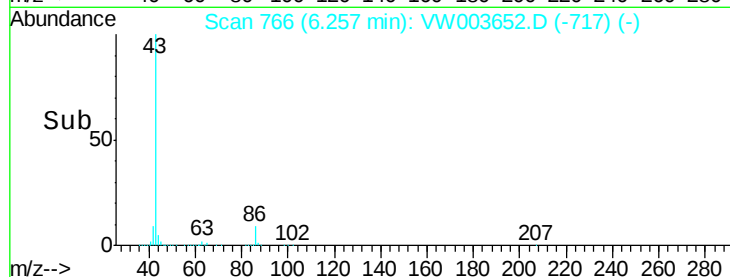
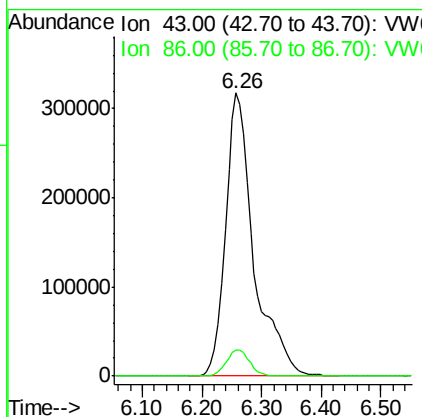
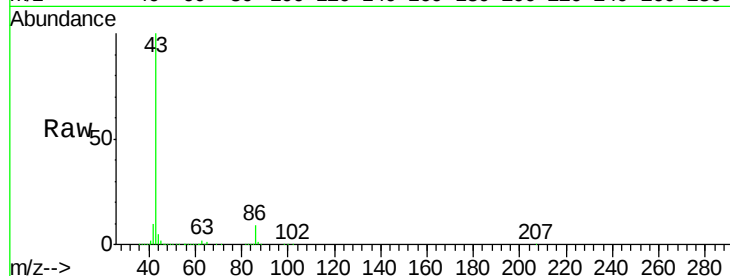
#23
 Vinyl Acetate
 Concen: 293.31 ug/l
 RT: 6.26 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: VW003652.D
 Acq: 28 Jun 2018 21:08

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 1045191
 Ion Ratio Lower Upper
 43 100
 86 9.2 7.5 11.3

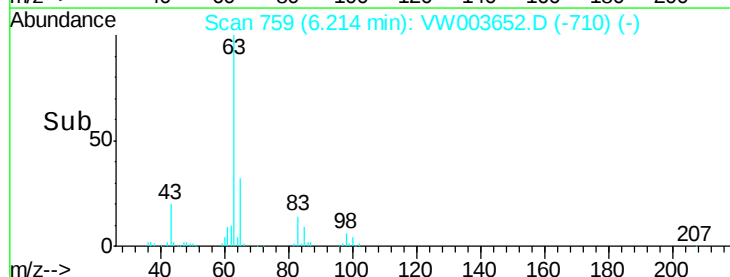
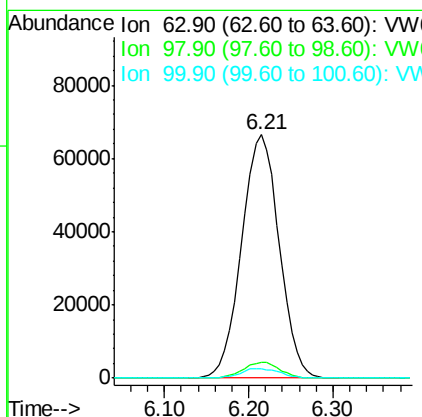
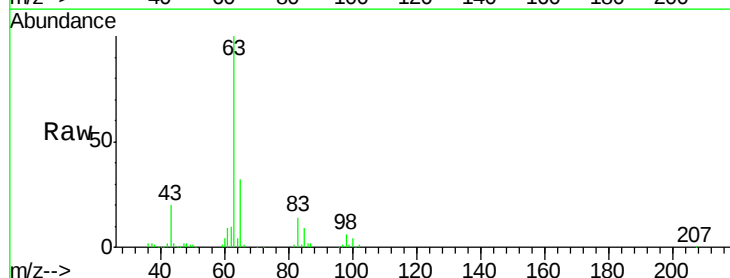
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#24
 1,1-Dichloroethane
 Concen: 54.86 ug/l
 RT: 6.21 min Scan# 759
 Delta R.T. 0.00 min
 Lab File: VW003652.D
 Acq: 28 Jun 2018 21:08

Tgt Ion: 63 Resp: 201395
 Ion Ratio Lower Upper
 63 100
 98 6.4 2.8 8.3
 100 3.7 2.1 6.5





#25

2-Butanone

Concen: 305.04 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.00 min

Lab File: VW003652.D

Acq: 28 Jun 2018 21:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 168843

Ion Ratio Lower Upper

43 100

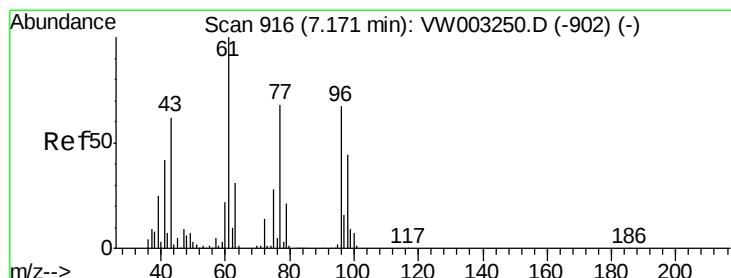
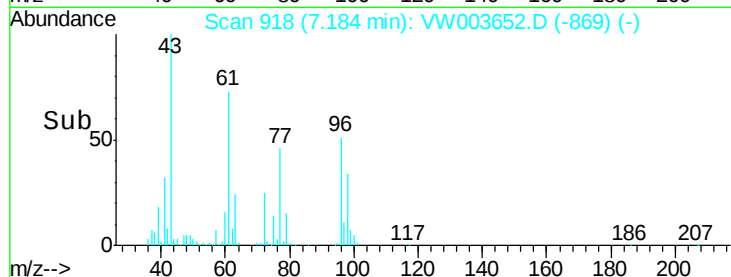
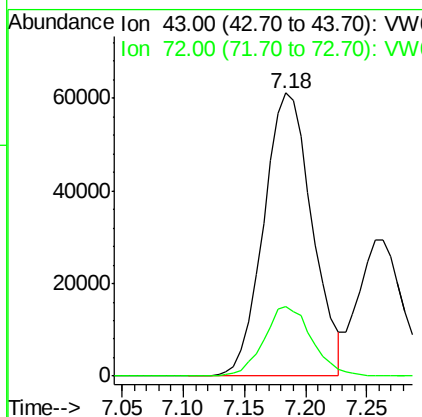
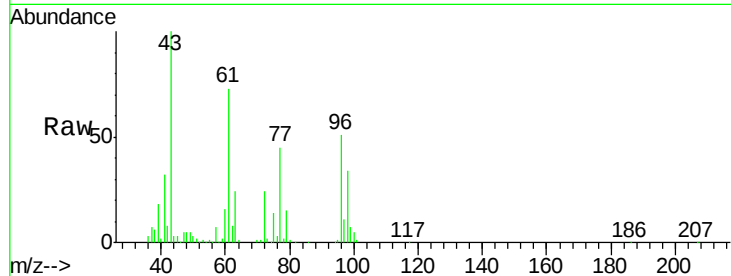
72 24.5 20.3 30.5

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 48.30 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.01 min

Lab File: VW003652.D

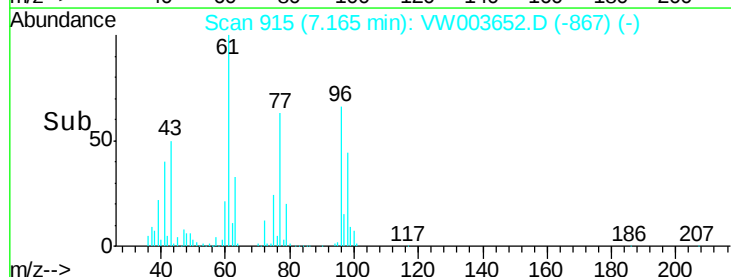
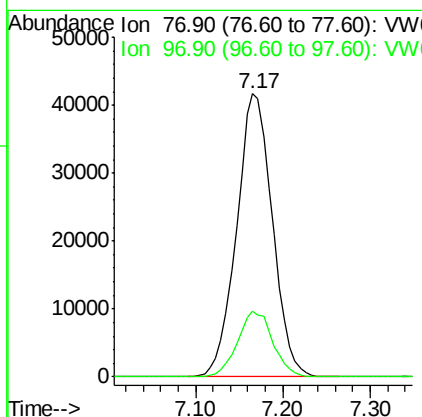
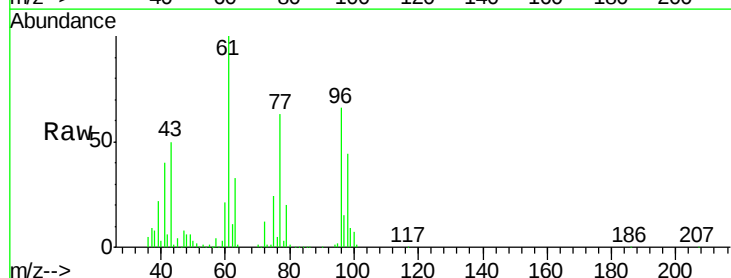
Acq: 28 Jun 2018 21:08

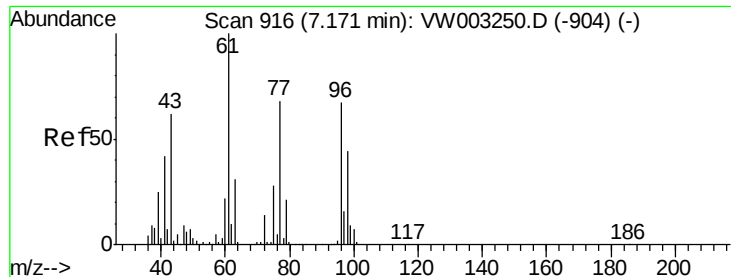
Tgt Ion: 77 Resp: 118323

Ion Ratio Lower Upper

77 100

97 22.9 11.3 33.9





#27

cis-1,2-Dichloroethene

Concen: 54.72 ug/l

RT: 7.17 min Scan# 916

Delta R.T. 0.00 min

Lab File: VW003652.D

Acq: 28 Jun 2018 21:08

Instrument :

MSVOA_W

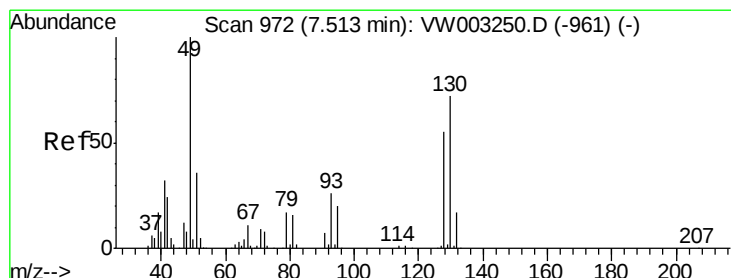
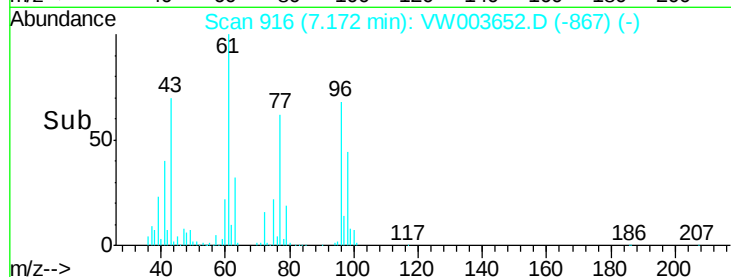
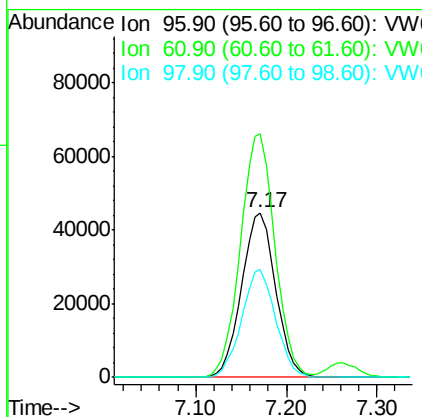
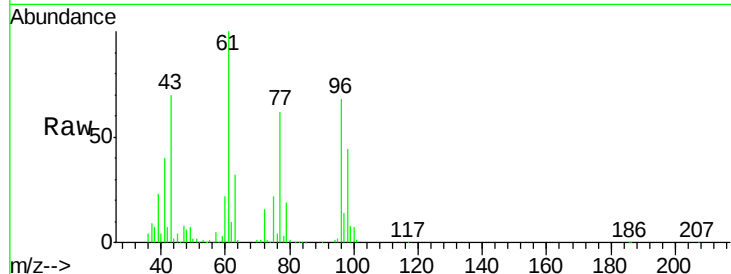
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	150.1	0.0	298.8
98	65.5	0.0	130.4

Manual Integrations
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#28

Bromochloromethane

Concen: 64.72 ug/l

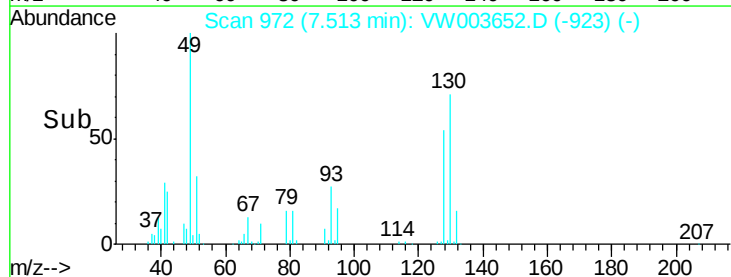
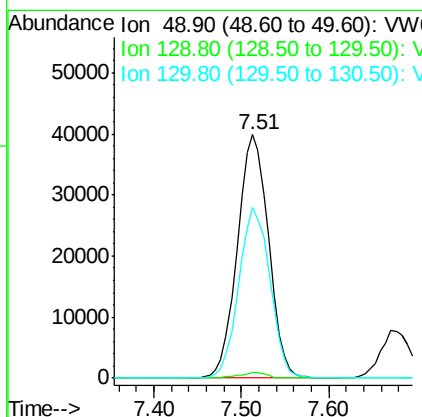
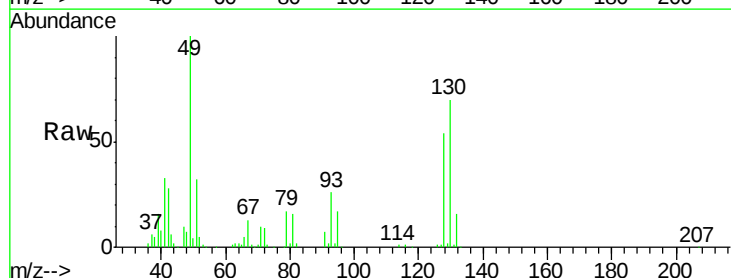
RT: 7.51 min Scan# 972

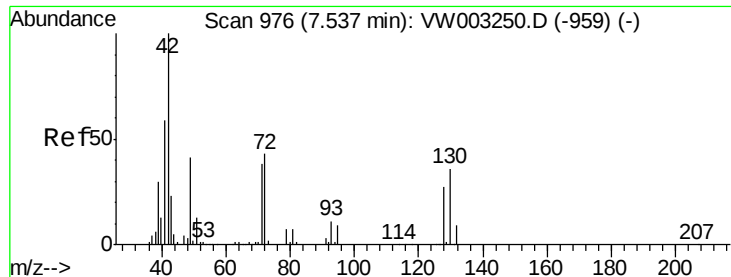
Delta R.T. 0.00 min

Lab File: VW003652.D

Acq: 28 Jun 2018 21:08

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.6
130	70.4	59.4	89.2





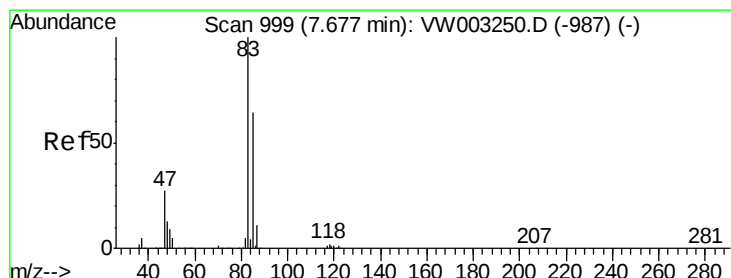
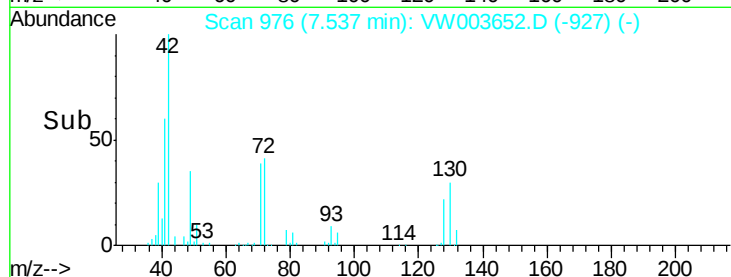
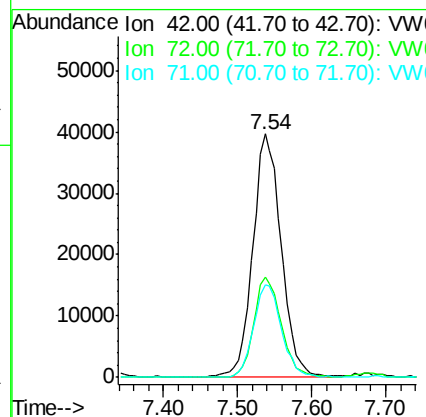
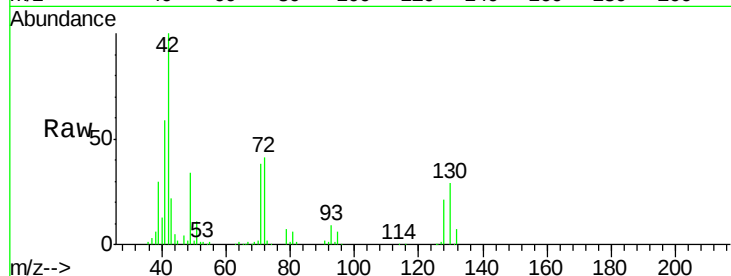
#29
Tetrahydrofuran
Concen: 314.68 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.00 min
Lab File: VW003652.D
Acq: 28 Jun 2018 21:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.8	32.4	48.6
71	37.1	31.2	46.8

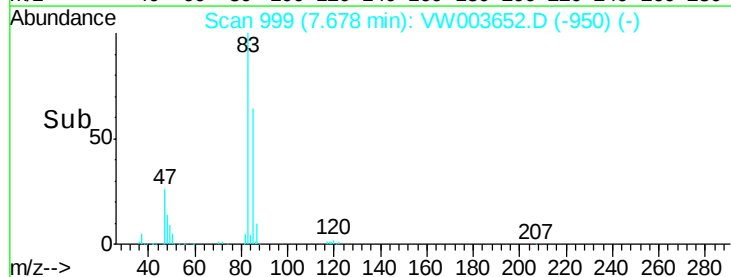
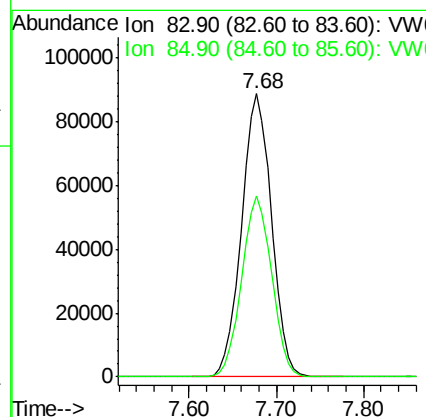
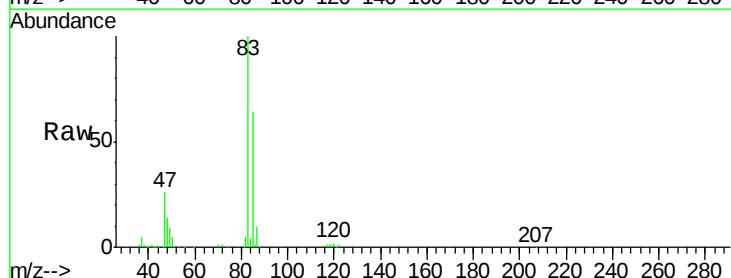
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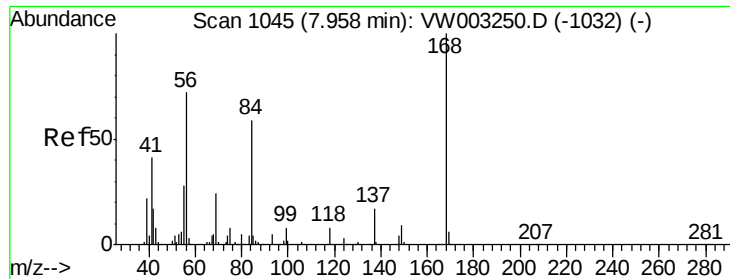
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#30
Chloroform
Concen: 56.44 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW003652.D
Acq: 28 Jun 2018 21:08

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.8	51.3	76.9





#31

Cyclohexane

Concen: 48.49 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. 0.00 min

Lab File: VW003652.D

Acq: 28 Jun 2018 21:08

Instrument :

MSVOA_W

ClientSampleId :

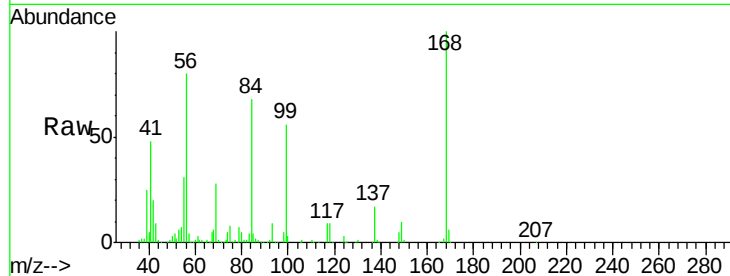
VSTDCCC050EC

Tot Ion:	56	Resp:	166313
Ion Ratio	Lower	Upper	
56	100		
69	34.8	26.3	39.5
84	82.9	65.7	98.5

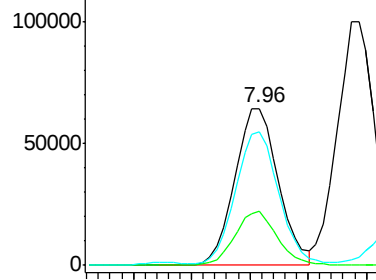
Manual Integrations
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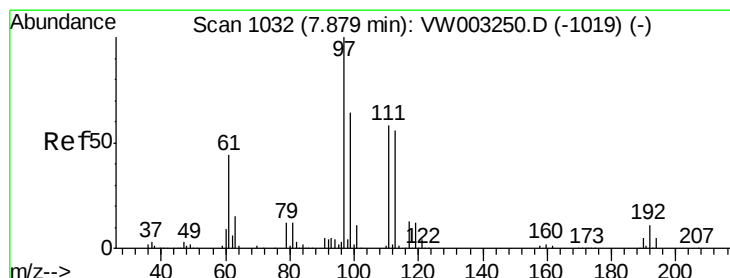
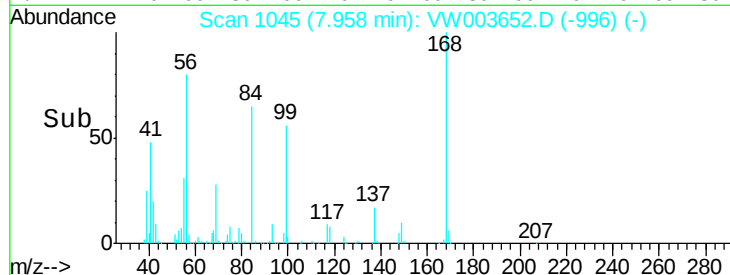
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Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW



Time-->



#32

1,1,1-Trichloroethane

Concen: 53.03 ug/l

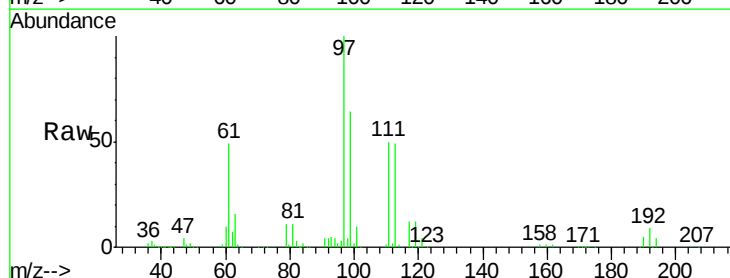
RT: 7.87 min Scan# 1031

Delta R.T. -0.01 min

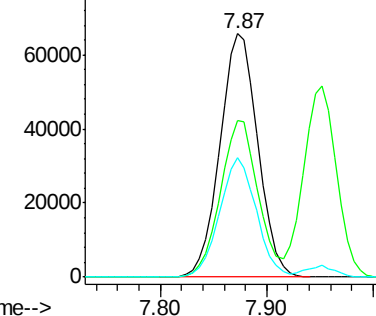
Lab File: VW003652.D

Acq: 28 Jun 2018 21:08

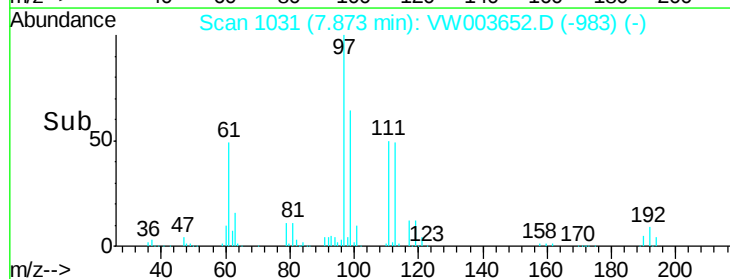
Tgt Ion:	97	Resp:	163692
Ion Ratio	Lower	Upper	
97	100		
99	64.4	51.7	77.5
61	47.6	37.6	56.4

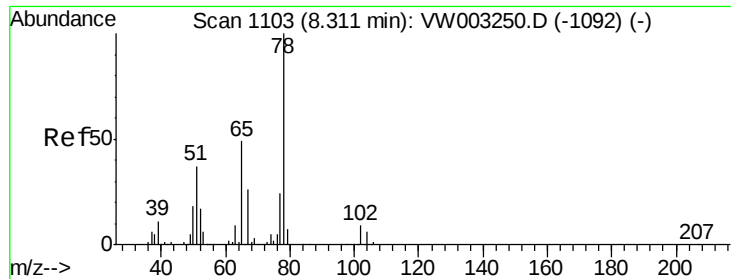


Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW



Time-->





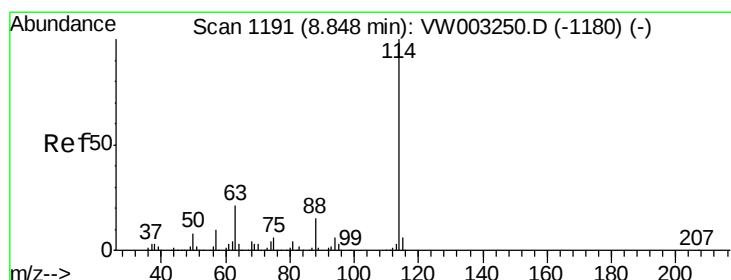
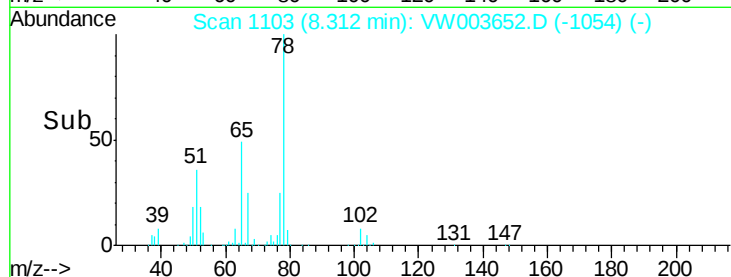
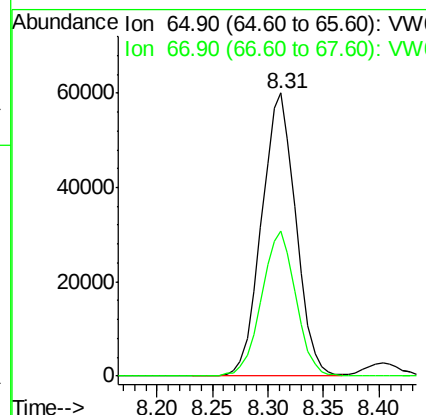
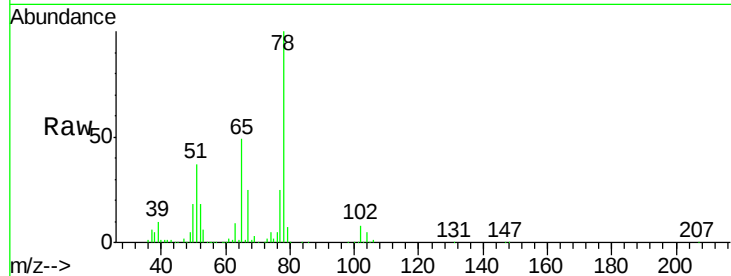
#33
 1,2-Dichloroethane-d4
 Concen: 60.58 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW003652.D
 Acq: 28 Jun 2018 21:08

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	128580		
67	51.3	0.0	104.2	

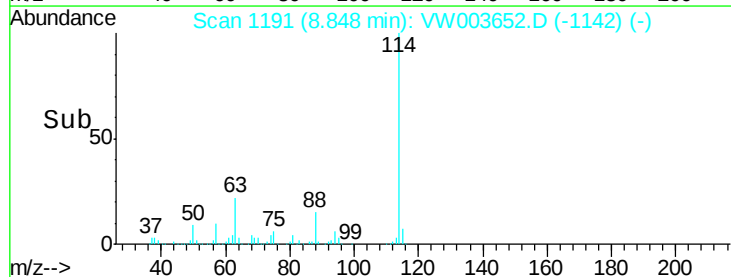
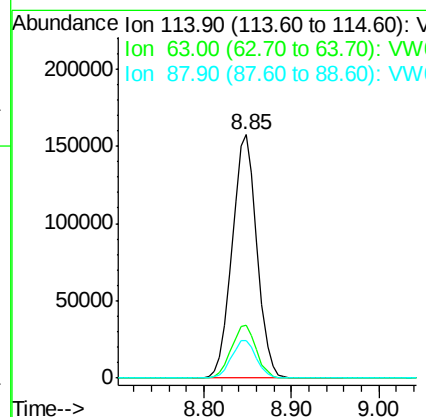
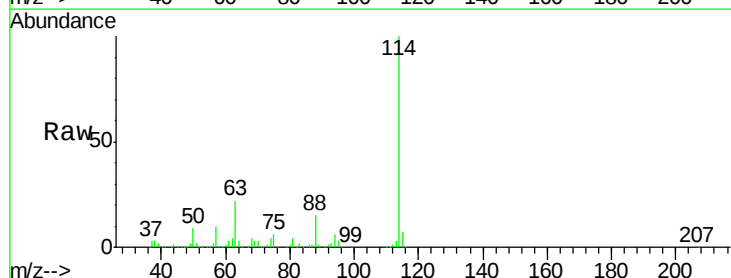
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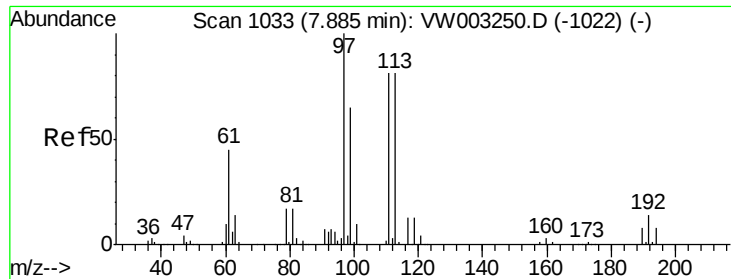
apatel
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003652.D
 Acq: 28 Jun 2018 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	308163		
63	21.8	0.0	43.0	
88	15.5	0.0	29.6	





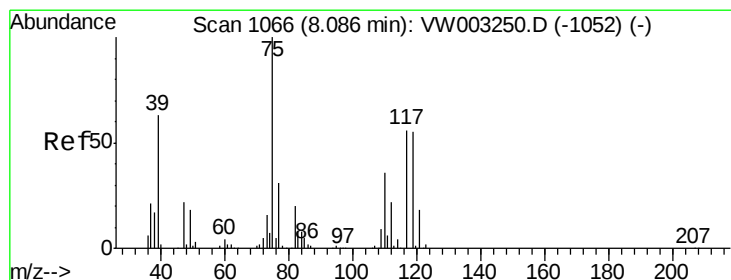
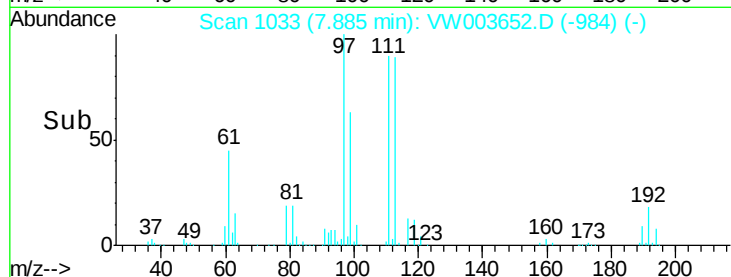
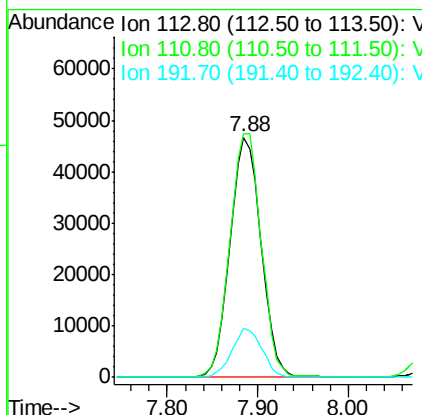
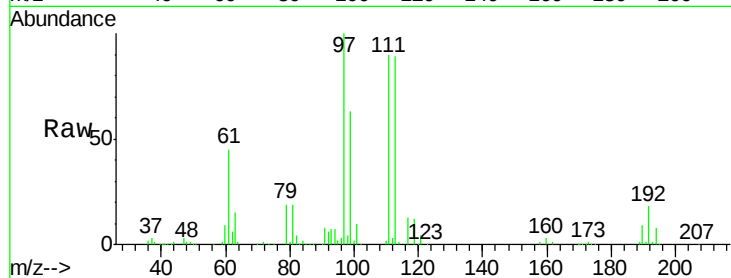
#35
Dibromofluoromethane
Concen: 58.03 ug/l
RT: 7.88 min Scan# 1033
Delta R.T. 0.00 min
Lab File: VW003652.D
Acq: 28 Jun 2018 21:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.2	123.2
192	19.6	16.2	24.2

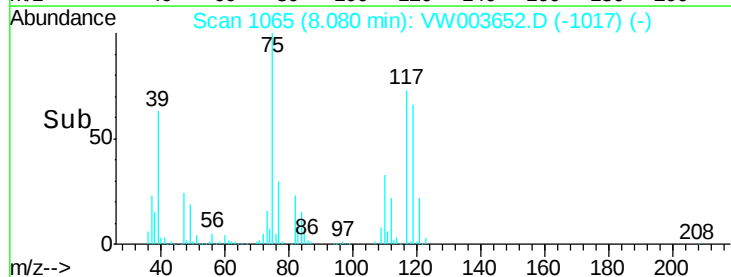
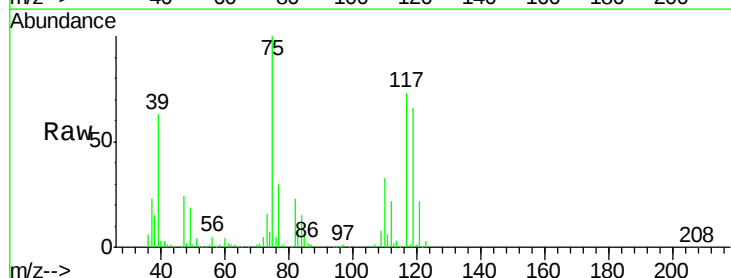
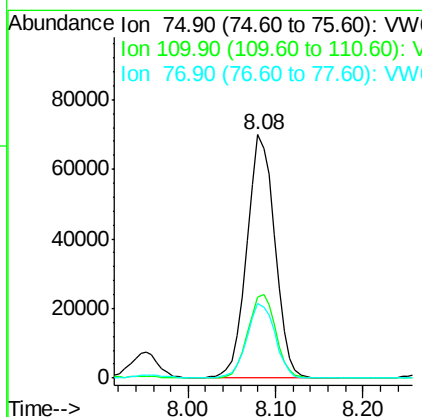
Manual Integrations
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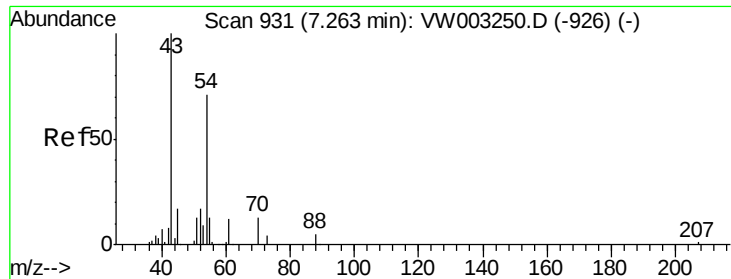
apatel
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#36
1,1-Dichloropropene
Concen: 52.28 ug/l
RT: 8.08 min Scan# 1065
Delta R.T. -0.01 min
Lab File: VW003652.D
Acq: 28 Jun 2018 21:08

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.1	17.1	51.3
77	31.1	24.9	37.3





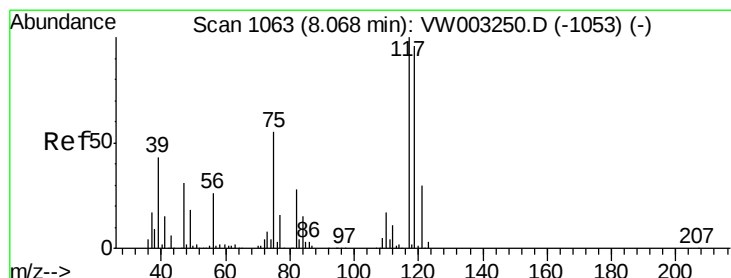
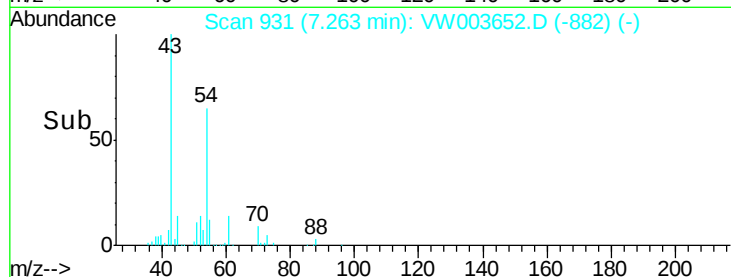
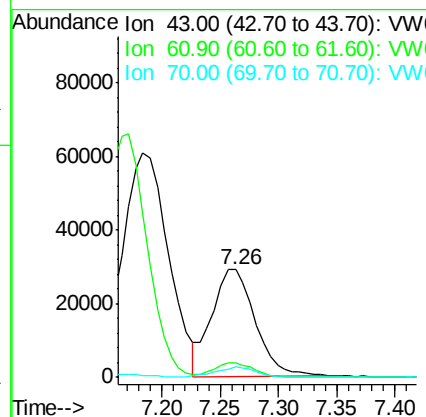
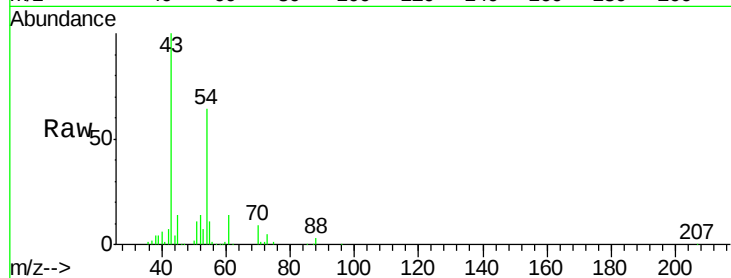
#37
Ethyl Acetate
Concen: 61.17 ug/l
RT: 7.26 min Scan# 931
Delta R.T. 0.00 min
Lab File: VW003652.D
Acq: 28 Jun 2018 21:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	75413
Ion Ratio	100	Lower	Upper
43	100		
61	13.1	10.8	16.2
70	9.0	7.8	11.6

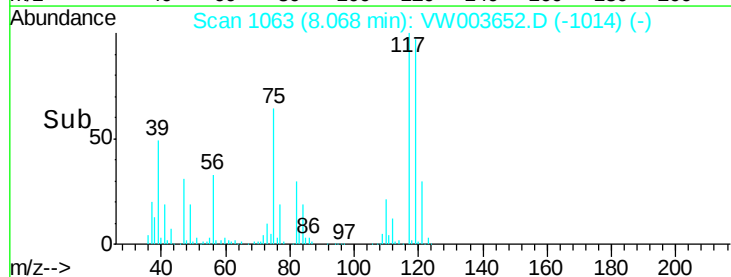
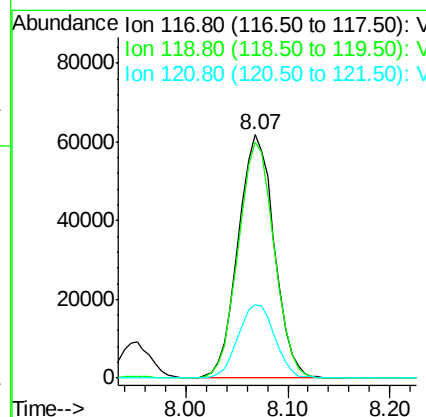
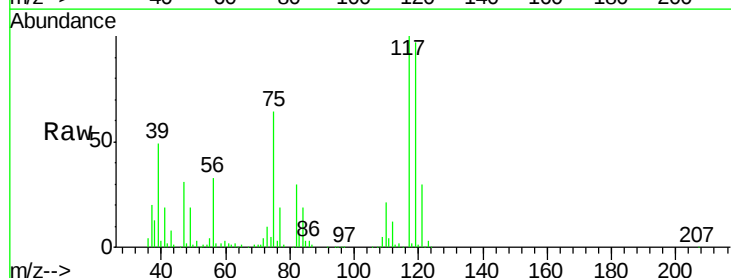
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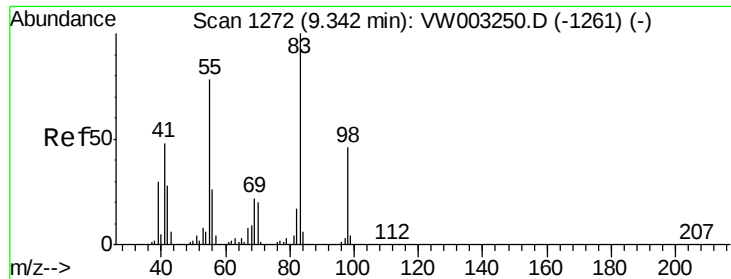
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#38
Carbon Tetrachloride
Concen: 52.01 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW003652.D
Acq: 28 Jun 2018 21:08

Tgt Ion	117	Resp	151819
Ion Ratio	100	Lower	Upper
117	100		
119	96.7	76.6	115.0
121	30.3	23.9	35.9





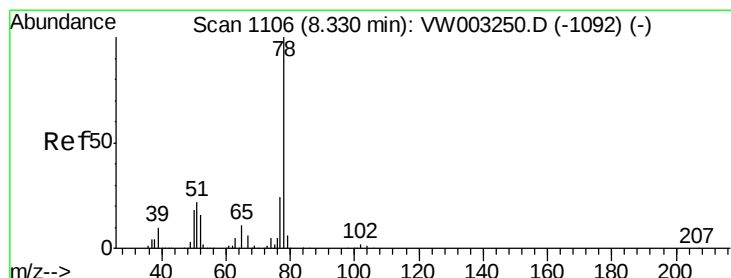
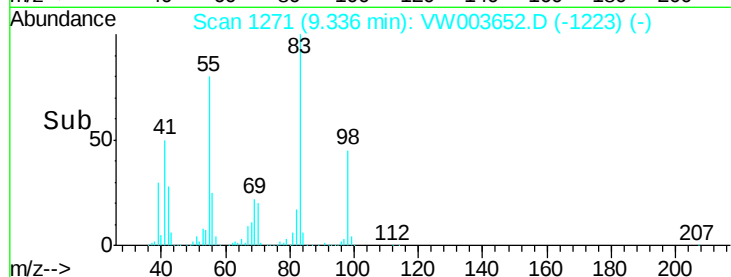
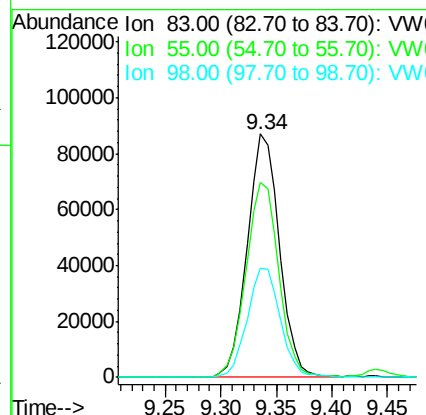
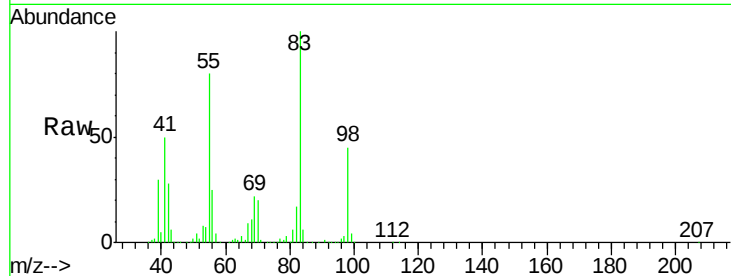
#39
Methvlcvclohexane
Concen: 51.03 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.01 min
Lab File: VW003652.D
Acq: 28 Jun 2018 21:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.9	62.6	93.8
98	44.6	37.0	55.4

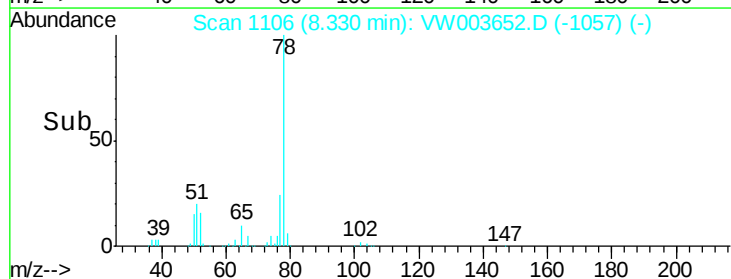
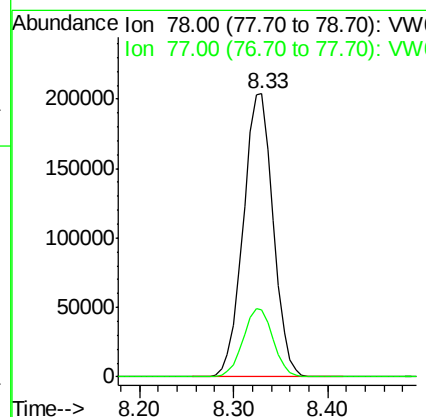
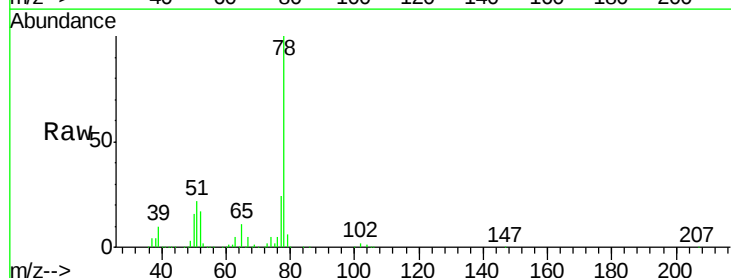
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#40
Benzene
Concen: 55.09 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VW003652.D
Acq: 28 Jun 2018 21:08

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.0	28.6





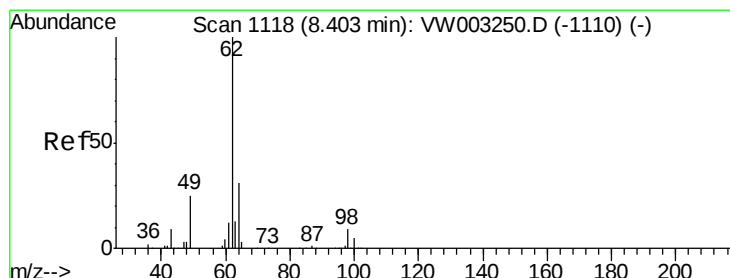
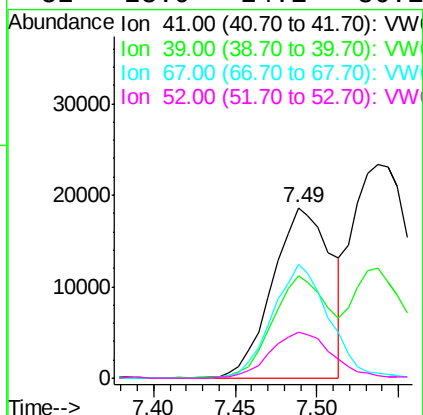
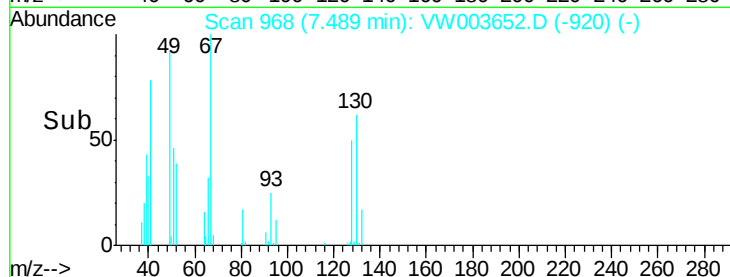
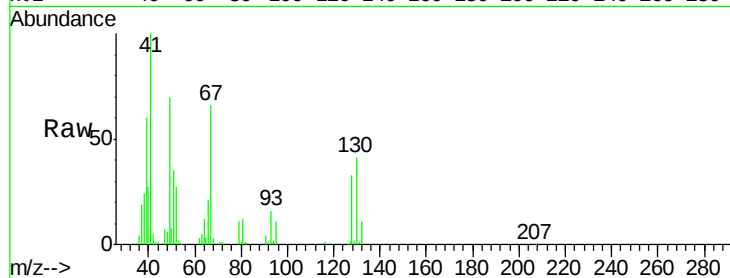
#41
Methacrylonitrile
Concen: 61.64 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.01 min
Lab File: VW003652.D
Acq: 28 Jun 2018 21:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	58.0	45.8	68.8
67	64.7	52.3	78.5
52	28.9	24.1	36.1

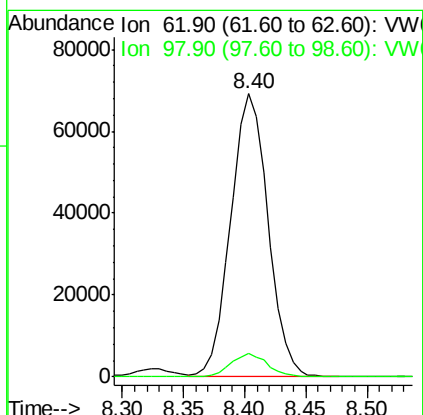
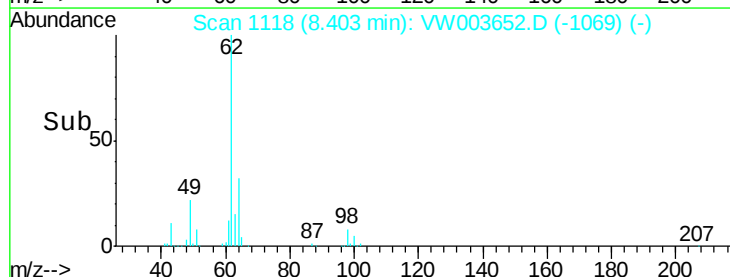
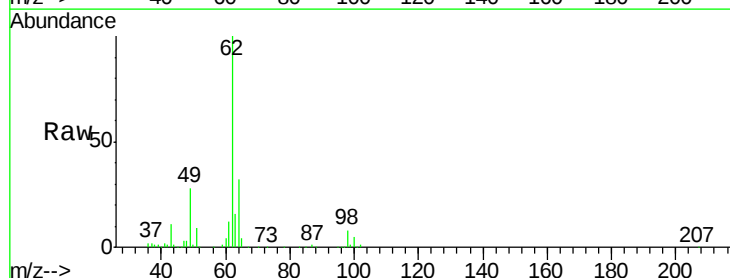
Manual Integrations
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#42
1,2-Dichloroethane
Concen: 57.07 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW003652.D
Acq: 28 Jun 2018 21:08

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	17.2





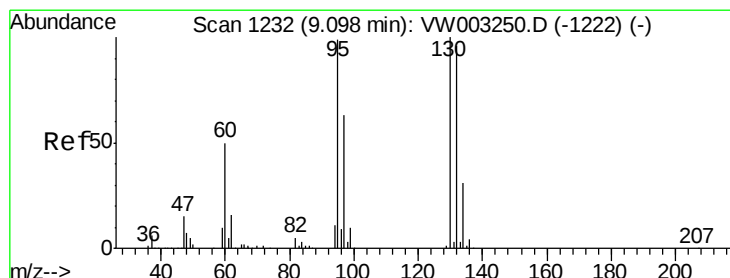
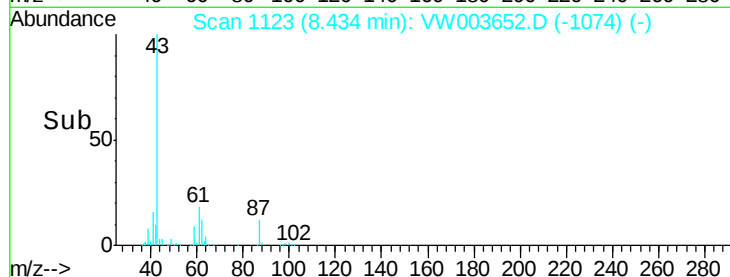
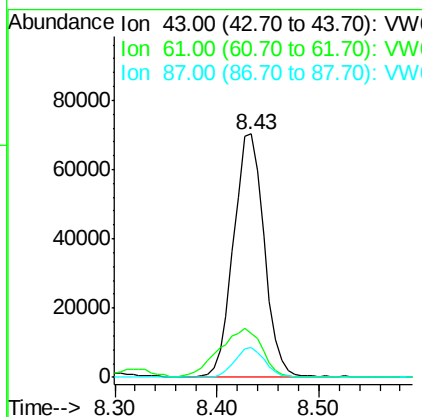
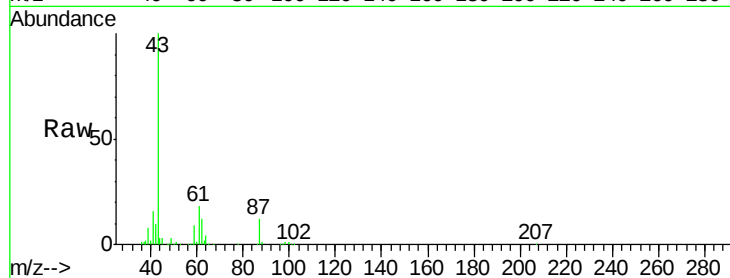
#43
Isopropyl Acetate
Concen: 59.45 ug/l
RT: 8.43 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VW003652.D
Acq: 28 Jun 2018 21:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	28.5	23.1	34.7
87	12.0	9.8	14.6

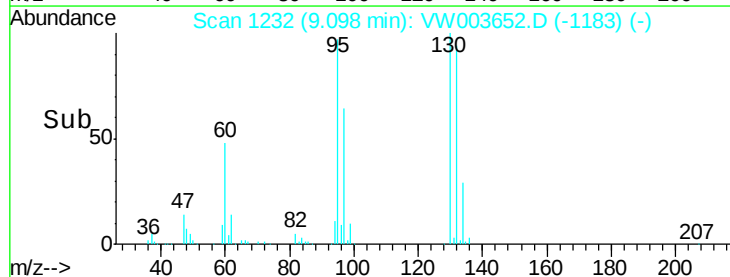
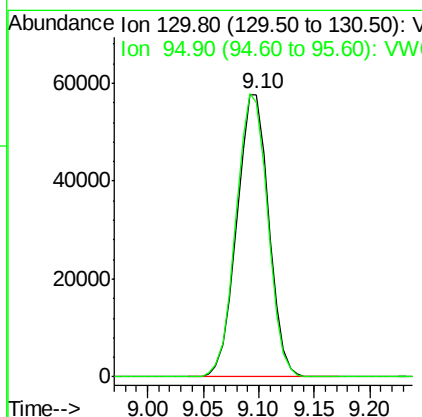
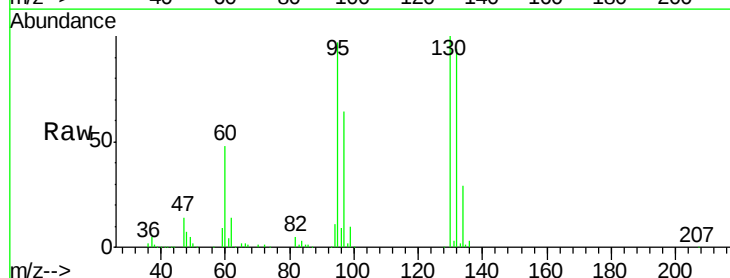
Manual Integrations
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#44
Trichloroethene
Concen: 52.94 ug/l
RT: 9.10 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VW003652.D
Acq: 28 Jun 2018 21:08

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.4	0.0	198.0





#45

1,2-Dichloropropane

Concen: 57.77 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VW003652.D

Acq: 28 Jun 2018 21:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 120654

Ion Ratio Lower Upper

63 100

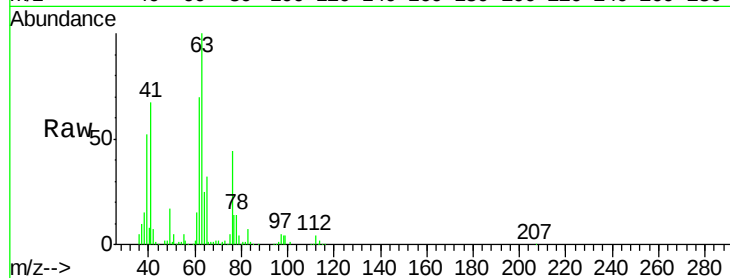
65 32.3 25.1 37.7

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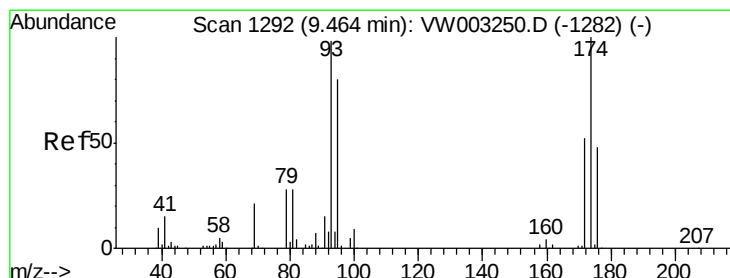
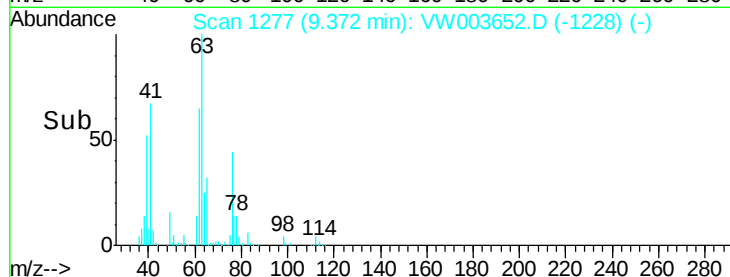
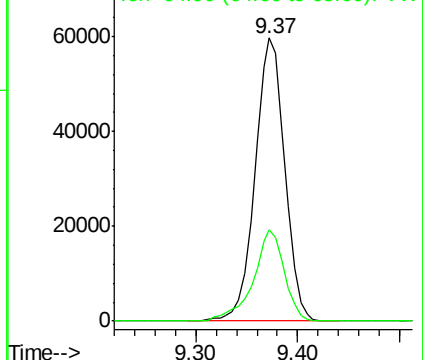
apatel

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Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#46

Dibromomethane

Concen: 57.17 ug/l

RT: 9.46 min Scan# 1291

Delta R.T. -0.01 min

Lab File: VW003652.D

Acq: 28 Jun 2018 21:08

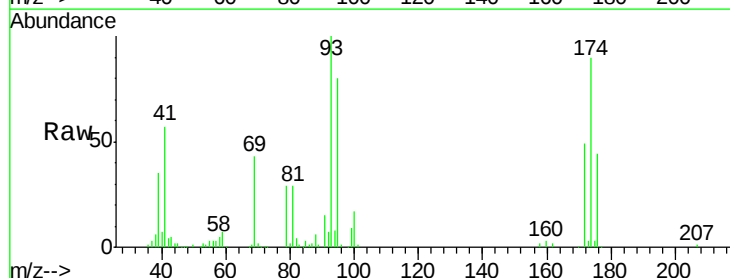
Tgt Ion: 93 Resp: 61132

Ion Ratio Lower Upper

93 100

95 83.2 65.8 98.8

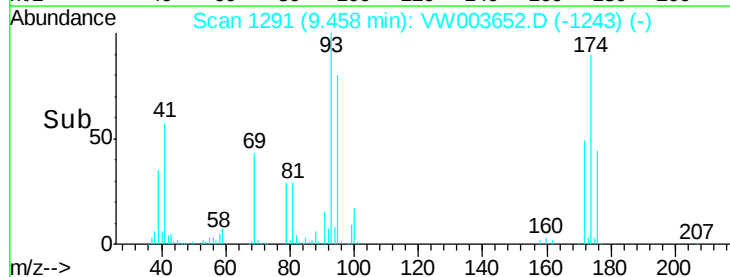
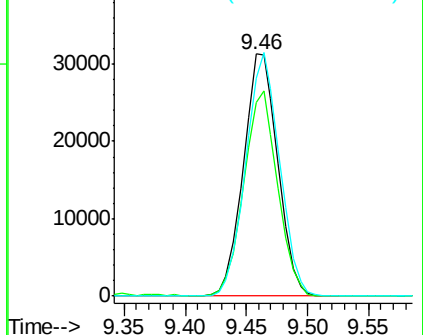
174 98.9 81.4 122.0

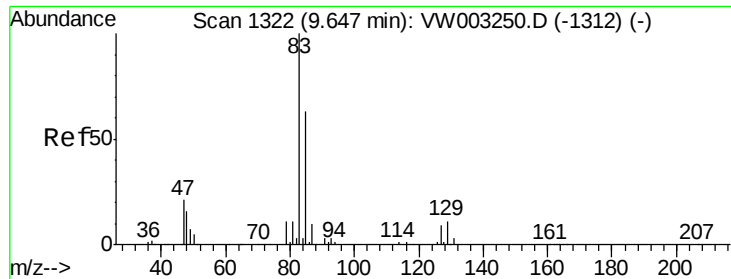


Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V





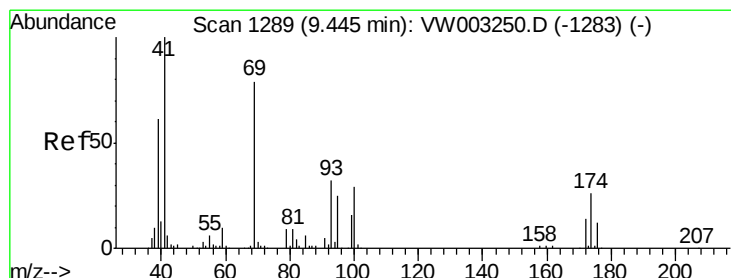
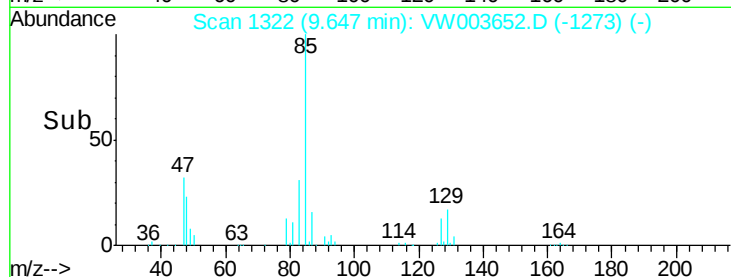
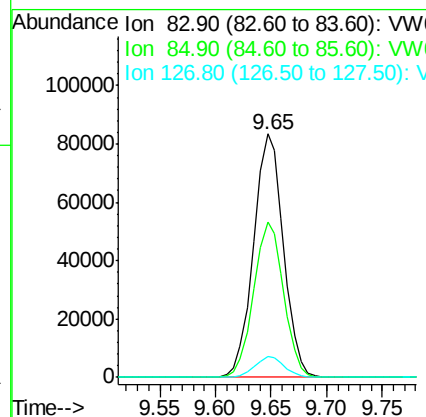
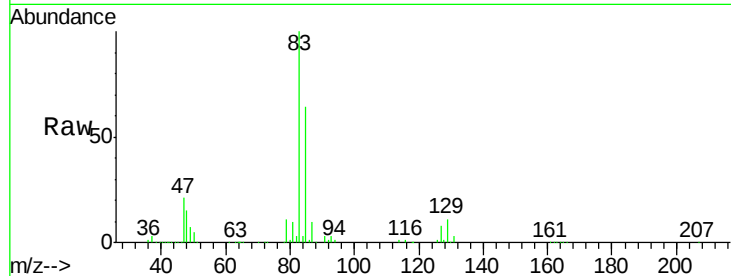
#47
Bromodichloromethane
Concen: 56.84 ug/l
RT: 9.65 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VW003652.D
Acq: 28 Jun 2018 21:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	155789		
85	63.9	50.6	75.8	
127	8.4	6.8	10.2	

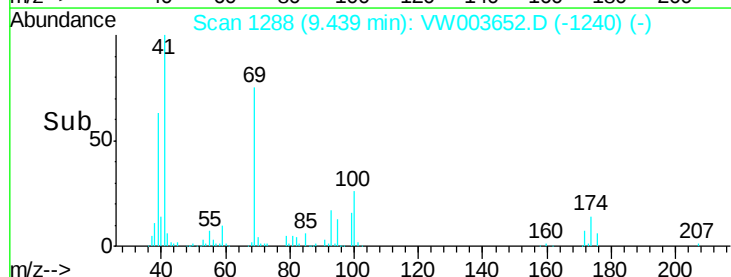
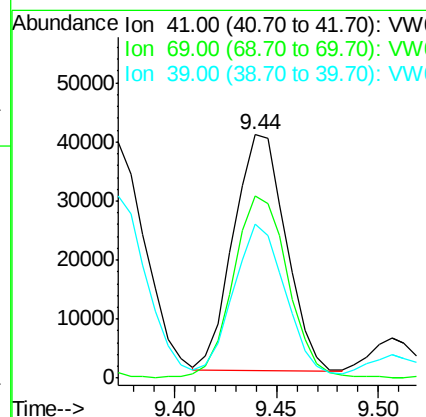
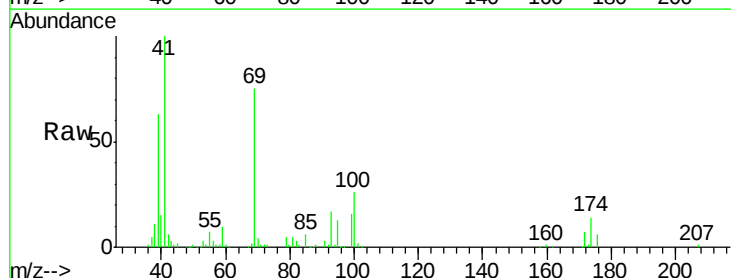
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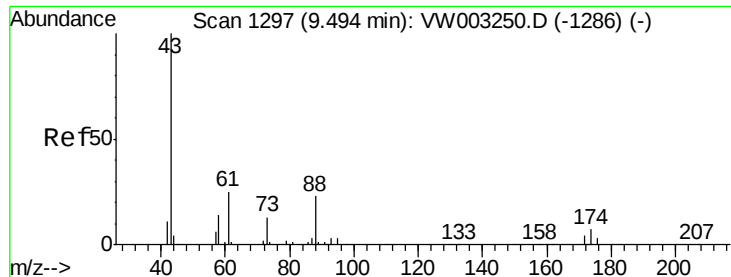
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#48
Methyl methacrylate
Concen: 62.05 ug/l
RT: 9.44 min Scan# 1288
Delta R.T. -0.01 min
Lab File: VW003652.D
Acq: 28 Jun 2018 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	71387		
69	81.2	65.4	98.2	
39	65.3	54.2	81.2	





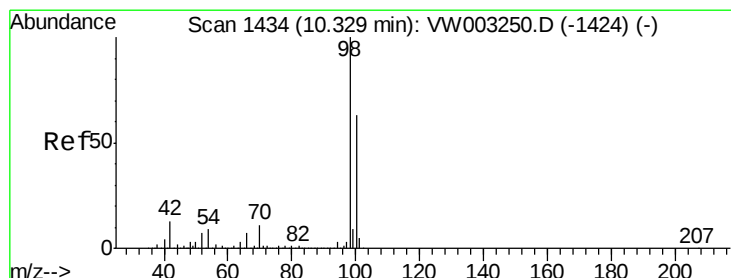
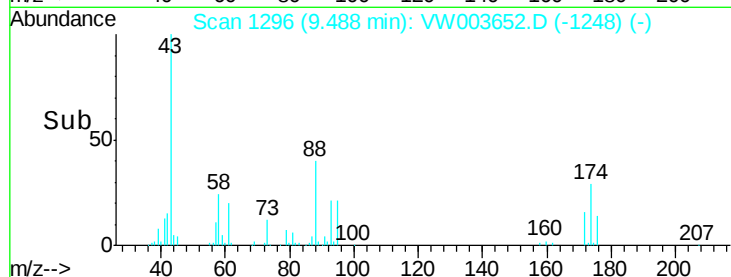
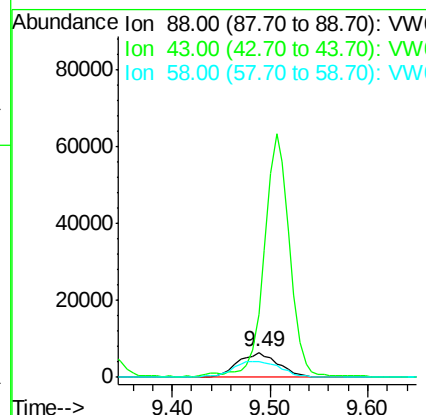
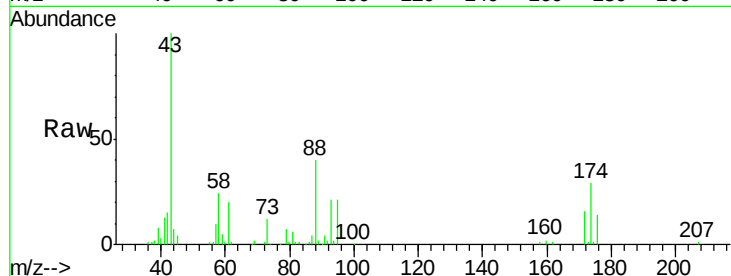
#49
1,4-Dioxane
Concen: 1164.18 ug/l
RT: 9.49 min Scan# 1296
Delta R.T. -0.01 min
Lab File: VW003652.D
Acq: 28 Jun 2018 21:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	454.7	682.1#
58	75.9	58.6	88.0

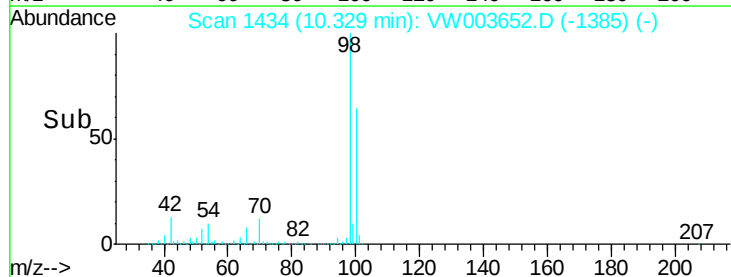
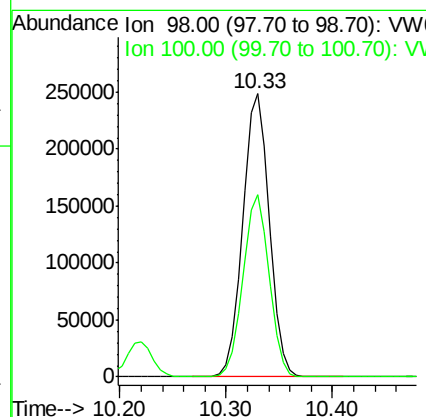
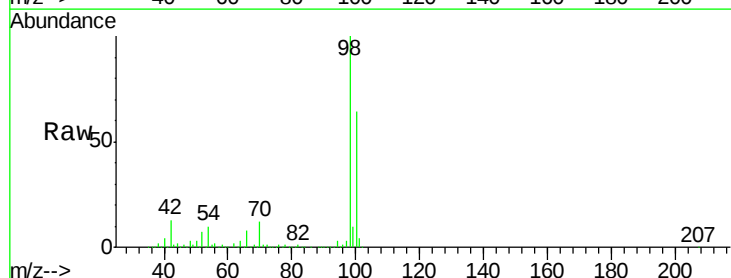
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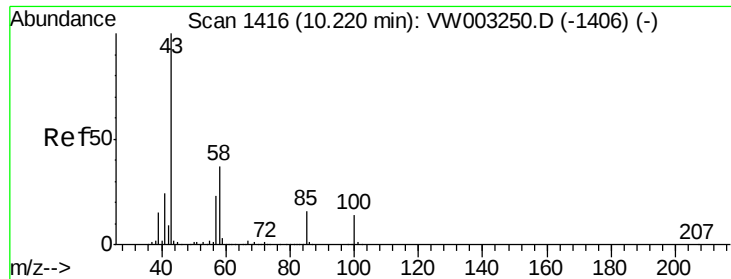
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#50
Toluene-d8
Concen: 57.28 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW003652.D
Acq: 28 Jun 2018 21:08

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.5	50.8	76.2





#51

4-Methyl-2-Pentanone

Concen: 317.47 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. -0.01 min

Lab File: VW003652.D

Acq: 28 Jun 2018 21:08

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050EC

Tot Ion: 43 Resp: 396021

Ion Ratio Lower Upper

43 100

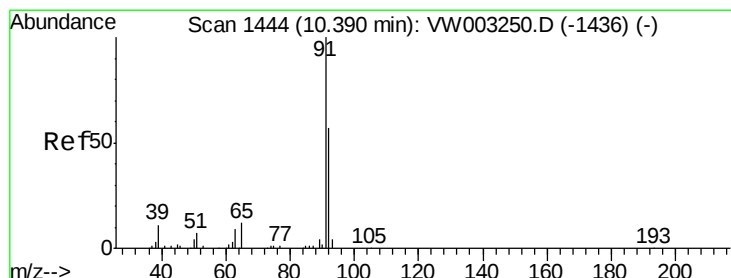
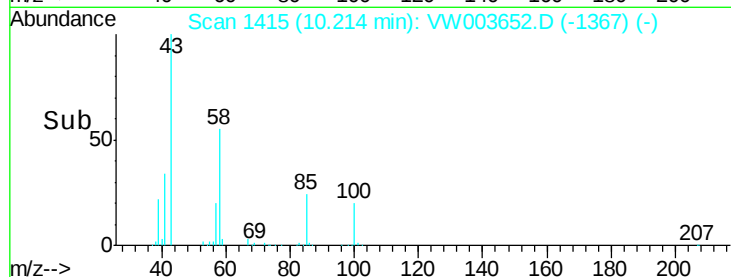
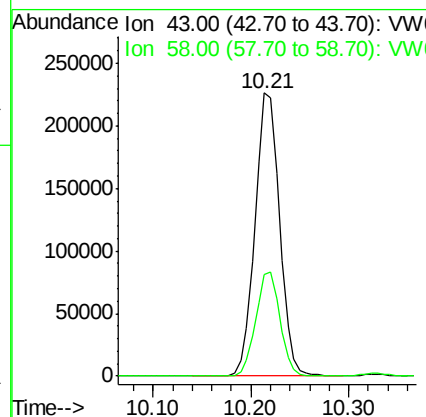
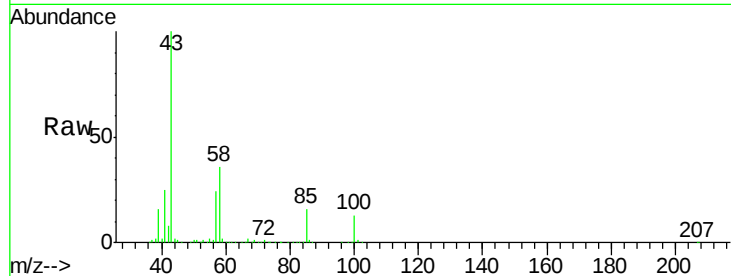
58 36.3 29.0 43.4

Manual Integrations

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#52

Toluene

Concen: 55.14 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW003652.D

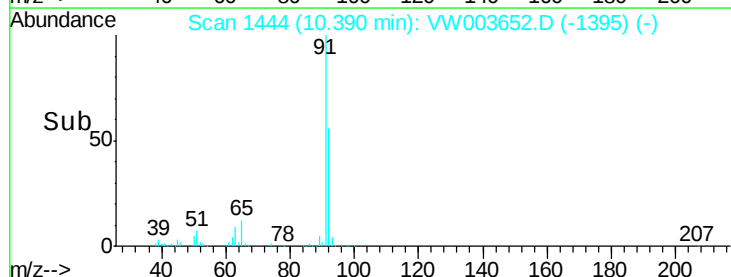
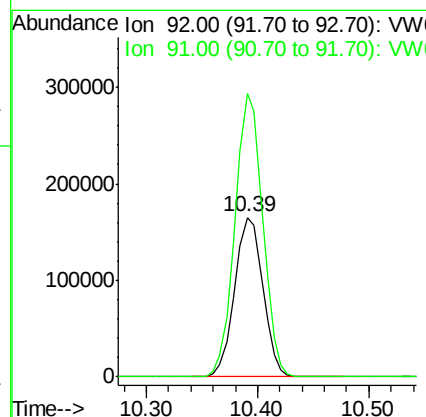
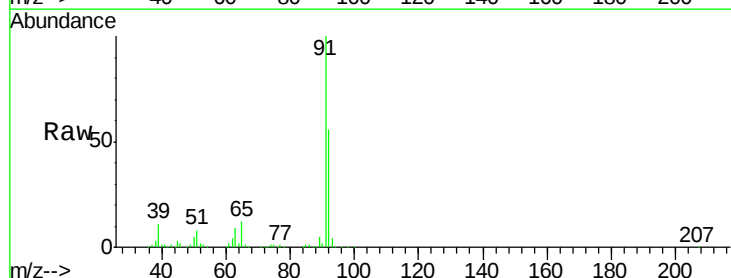
Acq: 28 Jun 2018 21:08

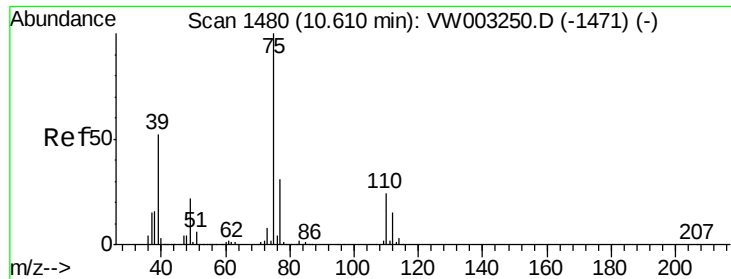
Tgt Ion: 92 Resp: 290077

Ion Ratio Lower Upper

92 100

91 174.2 141.1 211.7





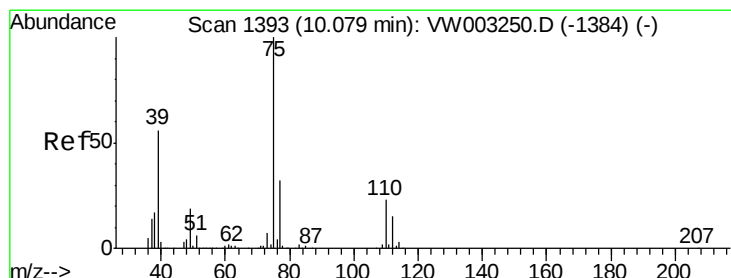
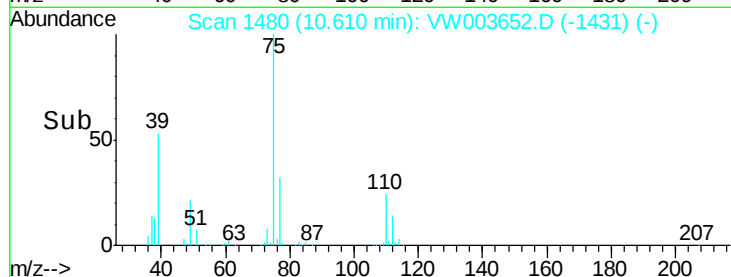
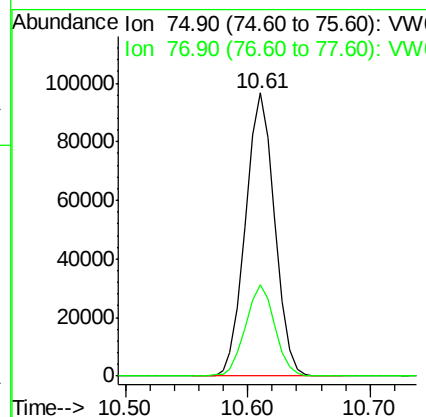
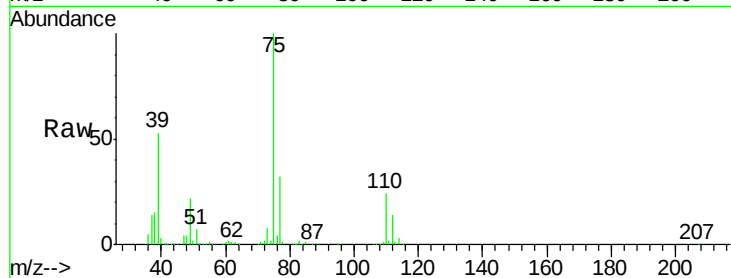
#53
t-1,3-Dichloropropene
Concen: 57.06 ug/l
RT: 10.61 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VW003652.D
Acq: 28 Jun 2018 21:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 159778
Ion Ratio Lower Upper
75 100
77 32.3 24.9 37.3

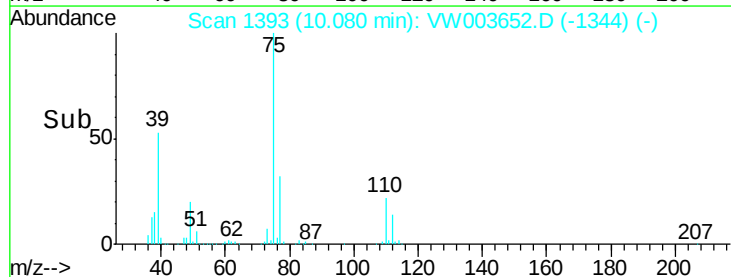
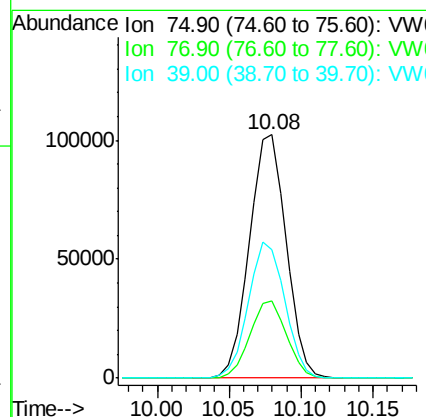
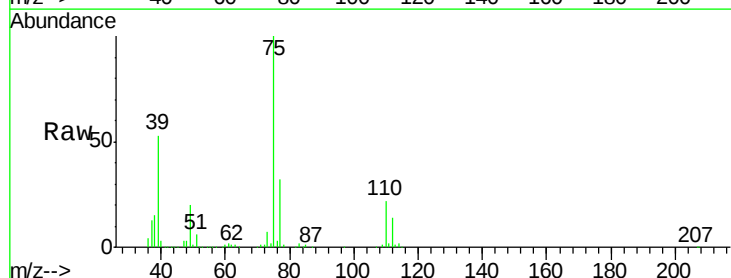
Manual Integrations
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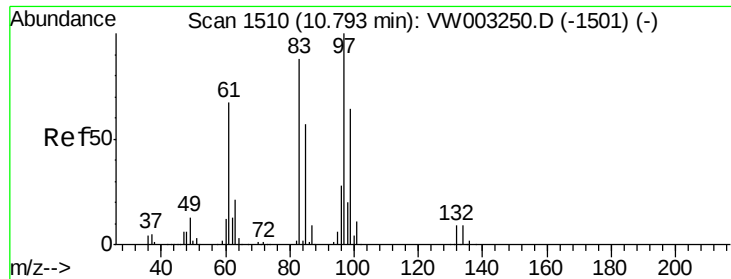
apatel
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#54
cis-1,3-Dichloropropene
Concen: 56.69 ug/l
RT: 10.08 min Scan# 1393
Delta R.T. 0.00 min
Lab File: VW003652.D
Acq: 28 Jun 2018 21:08

Tgt Ion: 75 Resp: 180657
Ion Ratio Lower Upper
75 100
77 31.7 25.8 38.6
39 52.7 45.2 67.8





#55

1,1,2-Trichloroethane

Concen: 58.75 ug/l

RT: 10.79 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VW003652.D

Acq: 28 Jun 2018 21:08

Instrument :

MSVOA_W

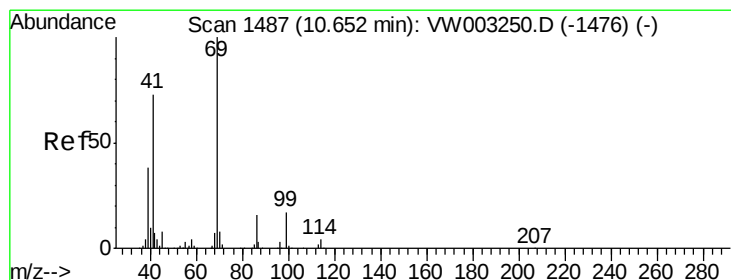
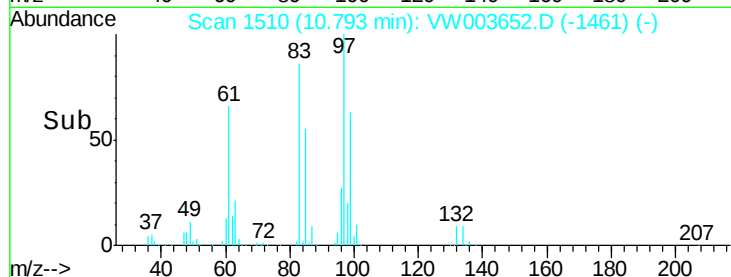
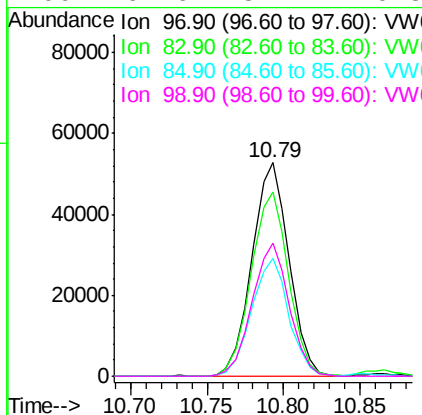
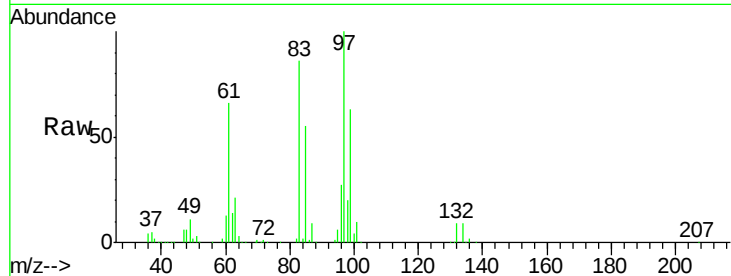
ClientSampleId :

VSTDCCC050EC

Tot Ion:	97	Resp:	88530
Ion	Ratio	Lower	Upper
97	100		
83	86.3	70.2	105.2
85	55.1	45.6	68.4
99	62.6	51.2	76.8

Manual Integrations
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#56

Ethyl methacrylate

Concen: 62.38 ug/l

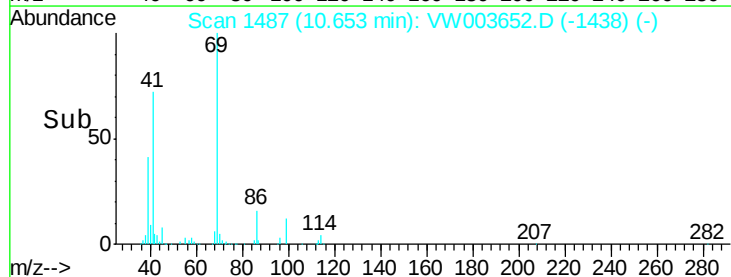
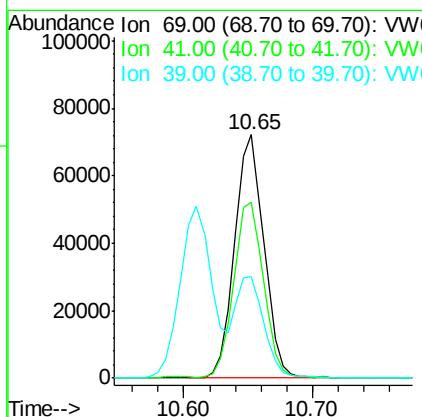
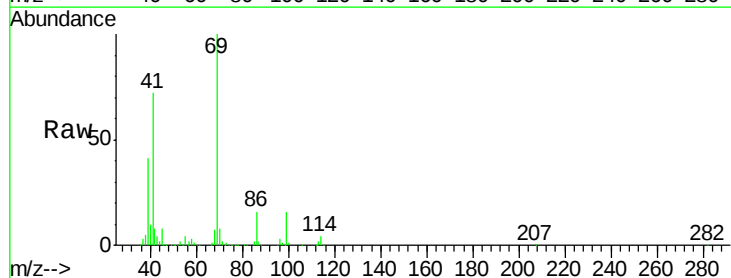
RT: 10.65 min Scan# 1487

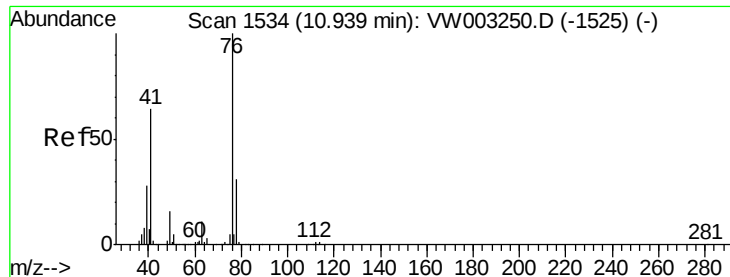
Delta R.T. 0.00 min

Lab File: VW003652.D

Acq: 28 Jun 2018 21:08

Tgt Ion:	69	Resp:	114136
Ion	Ratio	Lower	Upper
69	100		
41	73.1	57.8	86.6
39	39.5	32.7	49.1





#57

1,3-Dichloropropane

Concen: 58.93 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VW003652.D

Acq: 28 Jun 2018 21:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 153162

Ion Ratio Lower Upper

76 100

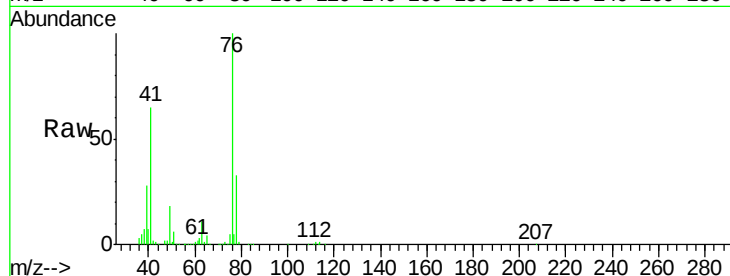
78 32.4 25.7 38.5

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

10.94

80000

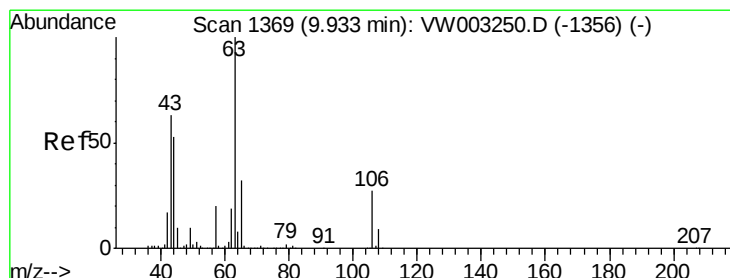
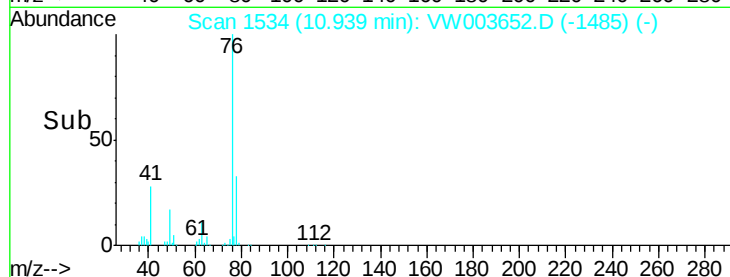
60000

40000

20000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 302.71 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. -0.01 min

Lab File: VW003652.D

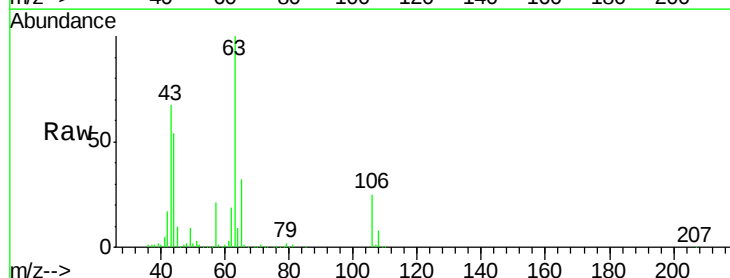
Acq: 28 Jun 2018 21:08

Tgt Ion: 63 Resp: 248306

Ion Ratio Lower Upper

63 100

106 25.3 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 105.90 (105.60 to 106.60): V

9.93

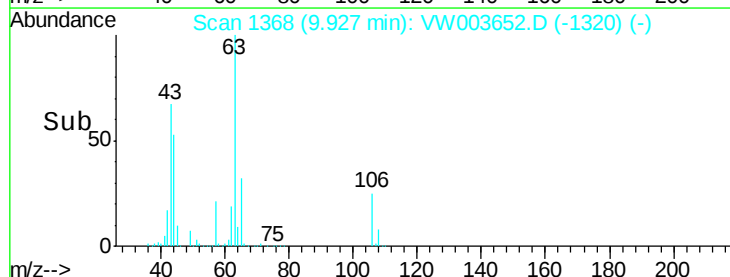
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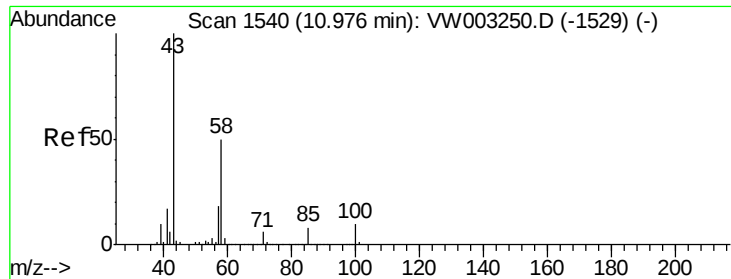
100000

50000

0

Time-->





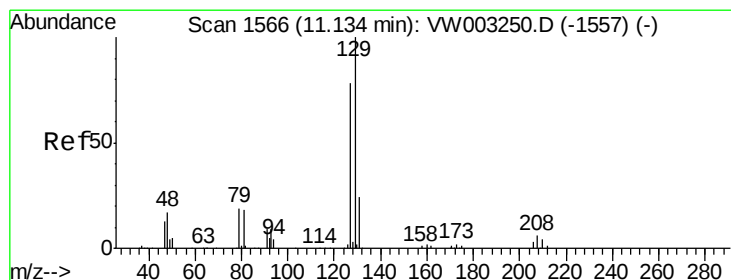
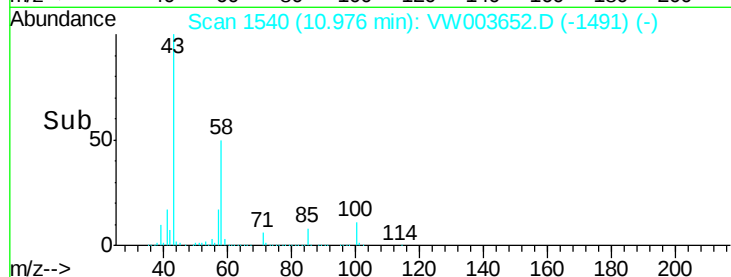
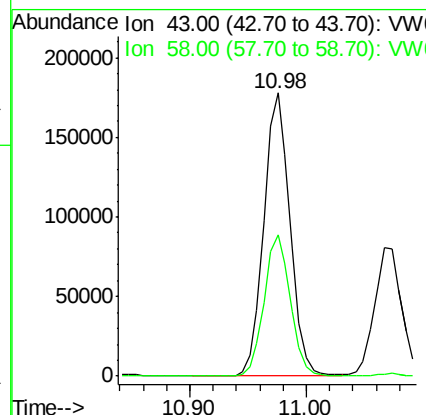
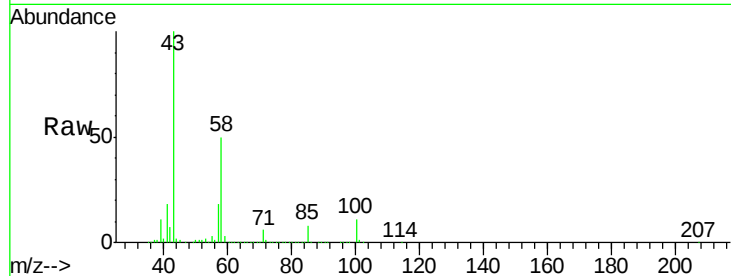
#59
2-Hexanone
Concen: 319.75 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW003652.D
Acq: 28 Jun 2018 21:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 278646
Ion Ratio Lower Upper
43 100
58 50.2 25.0 75.0

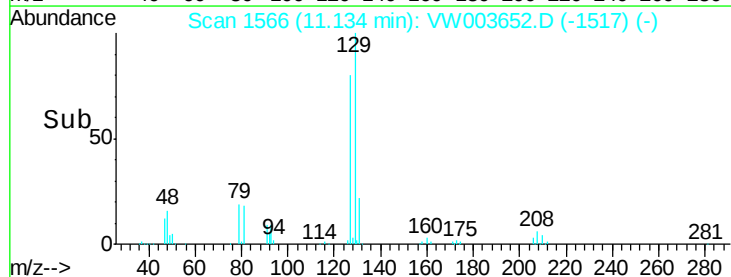
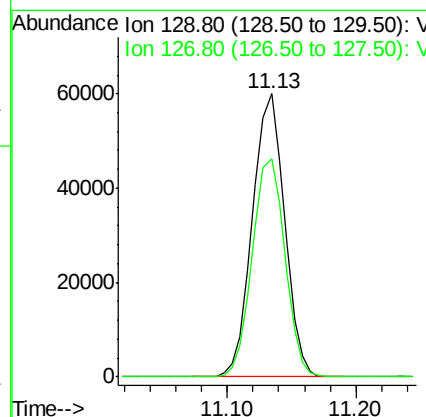
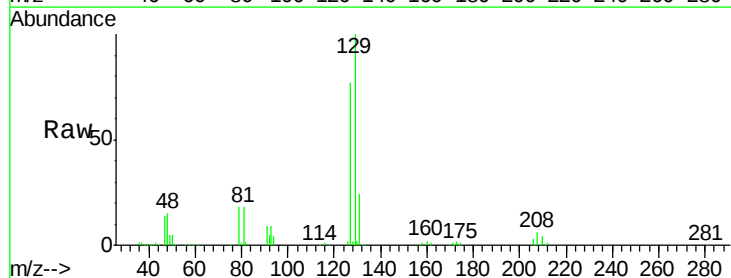
Manual Integrations
APPROVED

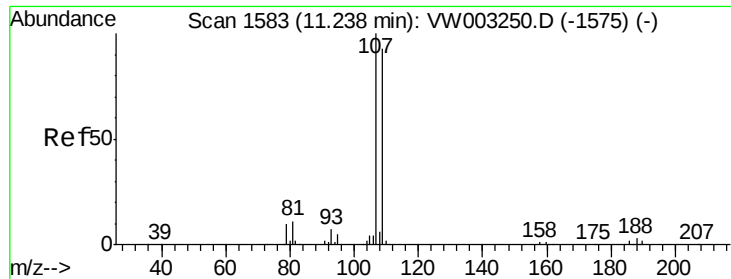
apatel
6/29/2018 3:02:14 PM



#60
Dibromochloromethane
Concen: 57.70 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW003652.D
Acq: 28 Jun 2018 21:08

Tgt Ion: 129 Resp: 103397
Ion Ratio Lower Upper
129 100
127 78.3 39.1 117.5





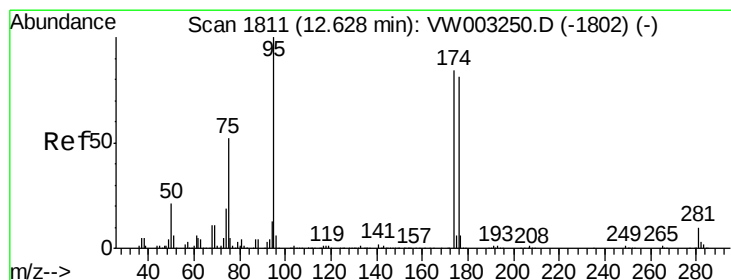
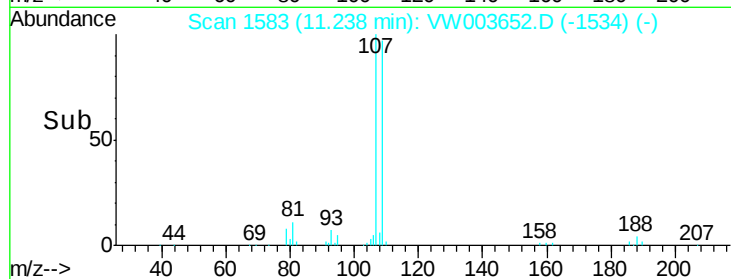
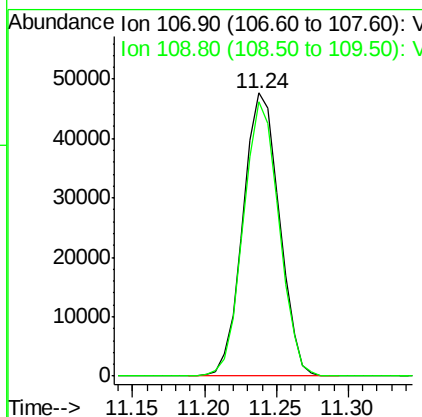
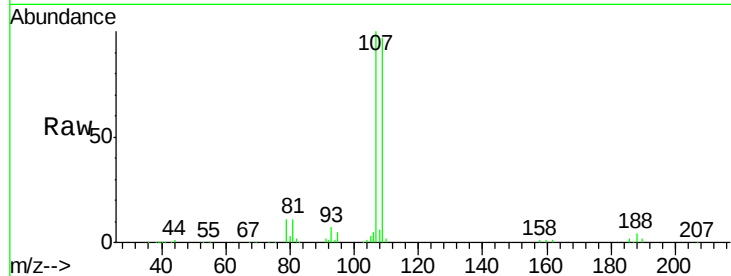
#61
 1,2-Dibromoethane
 Concen: 58.43 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW003652.D
 Acq: 28 Jun 2018 21:08

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 107 Resp: 83289
 Ion Ratio Lower Upper
 107 100
 109 95.1 75.8 113.6

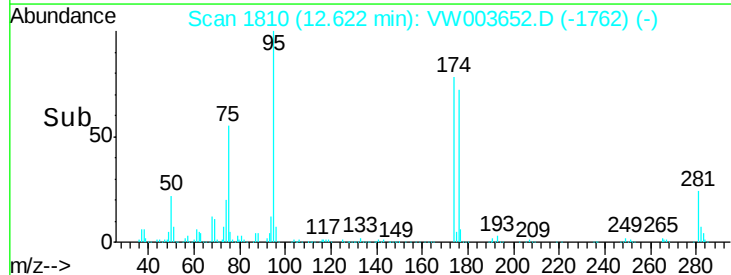
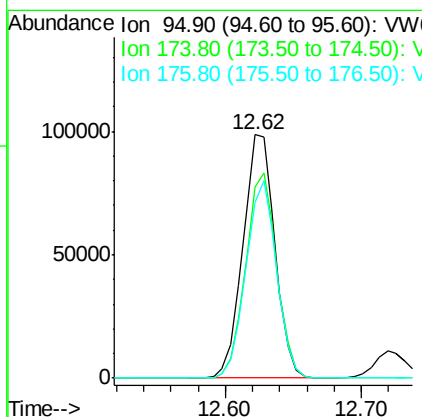
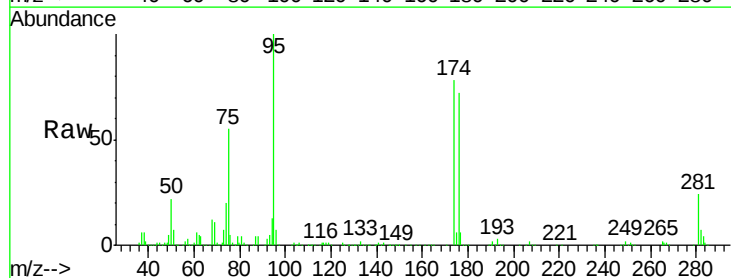
Manual Integrations
 APPROVED

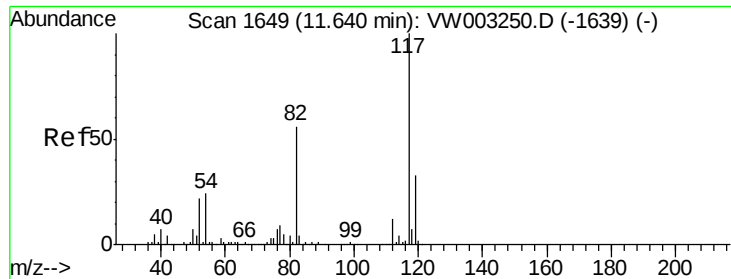
apatel
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#62
 4-Bromofluorobenzene
 Concen: 60.25 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.01 min
 Lab File: VW003652.D
 Acq: 28 Jun 2018 21:08

Tgt Ion: 95 Resp: 161893
 Ion Ratio Lower Upper
 95 100
 174 82.1 0.0 166.4
 176 78.1 0.0 162.0





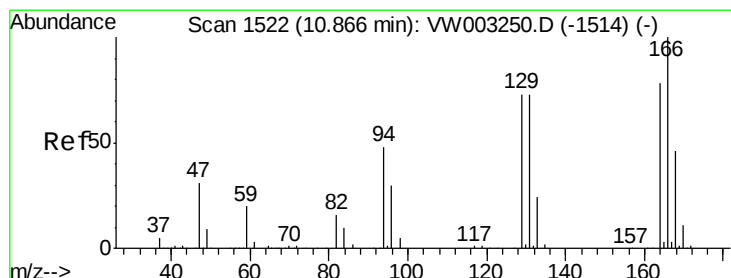
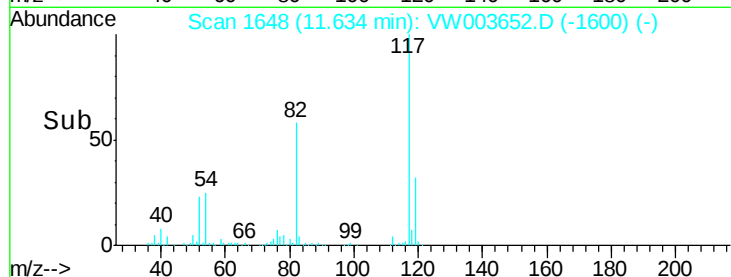
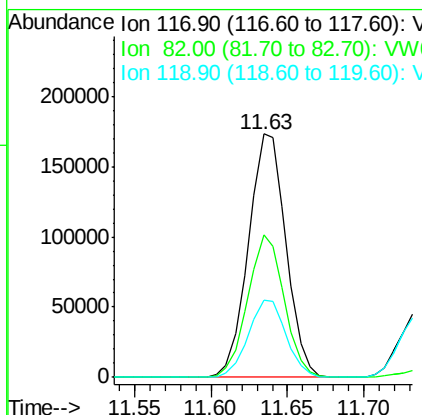
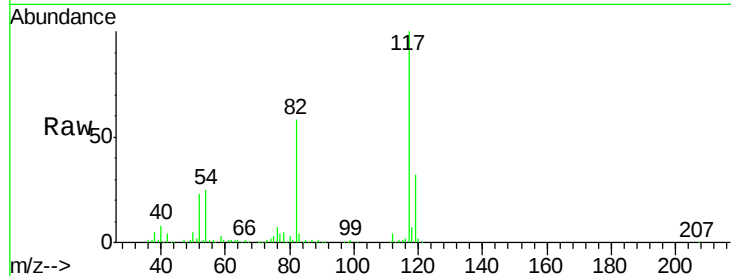
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW003652.D
Acq: 28 Jun 2018 21:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.3	44.6	67.0
119	32.0	26.7	40.1

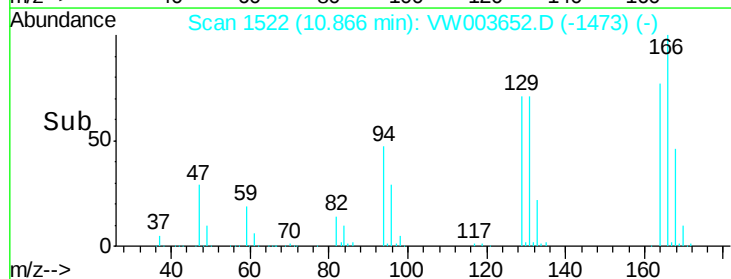
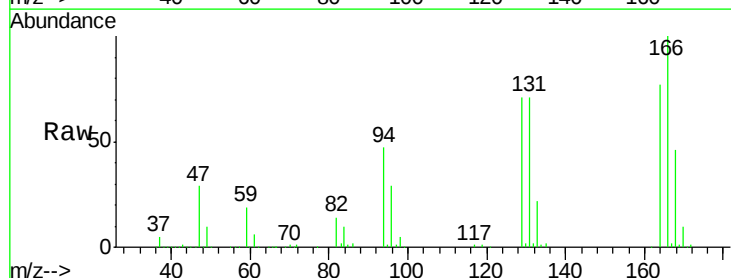
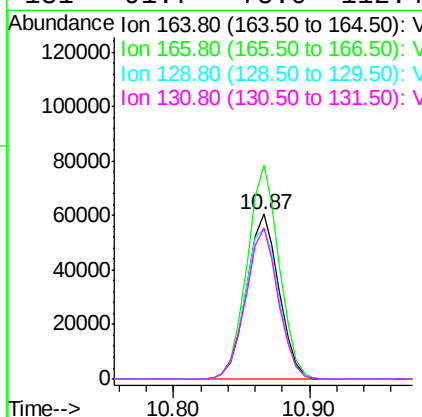
Manual Integrations
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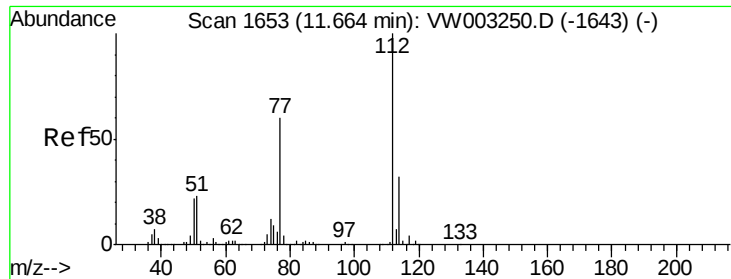
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#64
Tetrachloroethene
Concen: 51.32 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003652.D
Acq: 28 Jun 2018 21:08

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.4	102.6	154.0
129	91.8	75.2	112.8
131	91.7	75.0	112.4





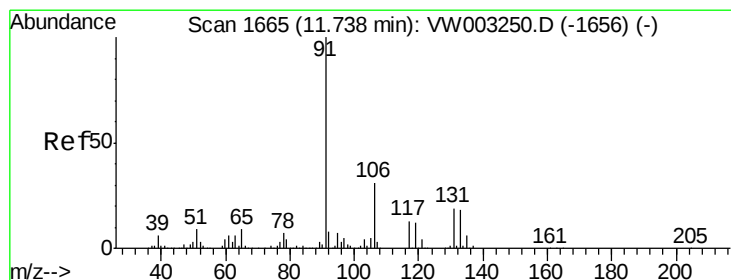
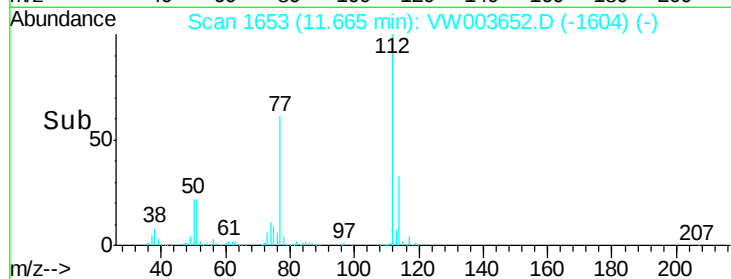
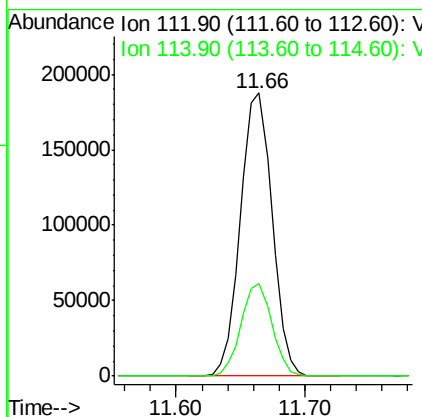
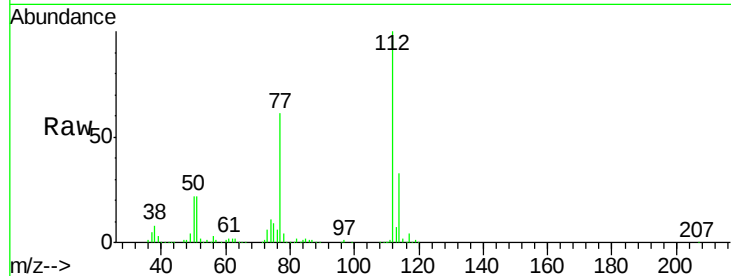
#65
Chlorobenzene
Concen: 51.99 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VW003652.D
Acq: 28 Jun 2018 21:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.8	25.9	38.9

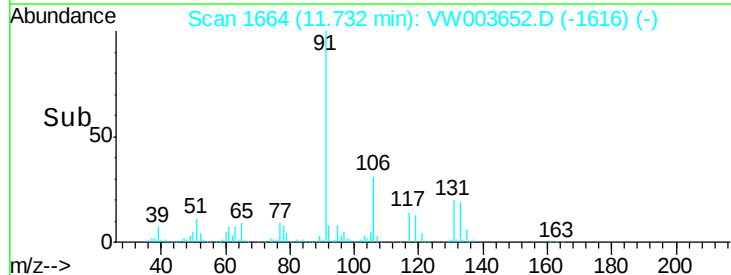
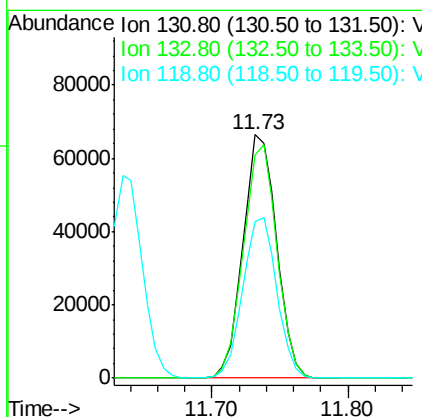
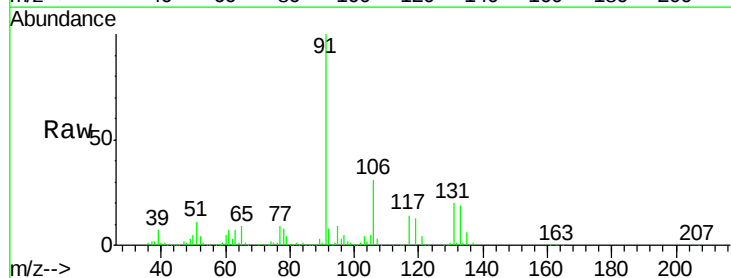
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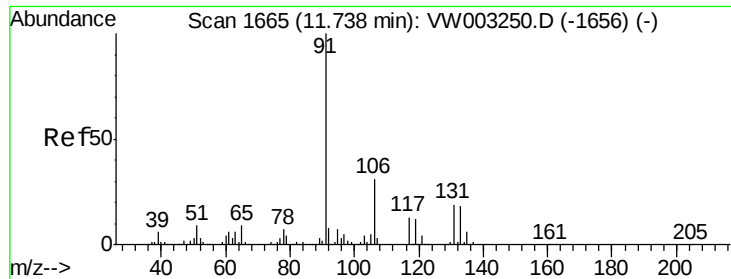
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#66
1,1,1,2-Tetrachloroethane
Concen: 53.38 ug/l
RT: 11.73 min Scan# 1664
Delta R.T. -0.01 min
Lab File: VW003652.D
Acq: 28 Jun 2018 21:08

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.9	47.3	142.0
119	66.2	32.5	97.4





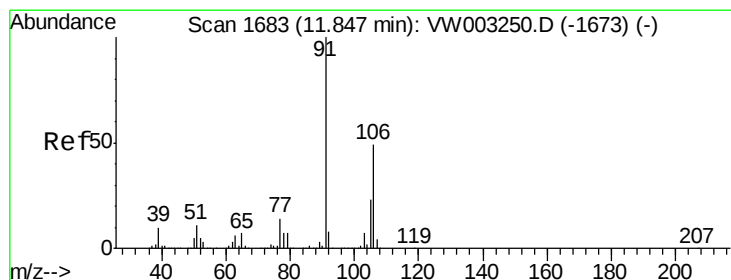
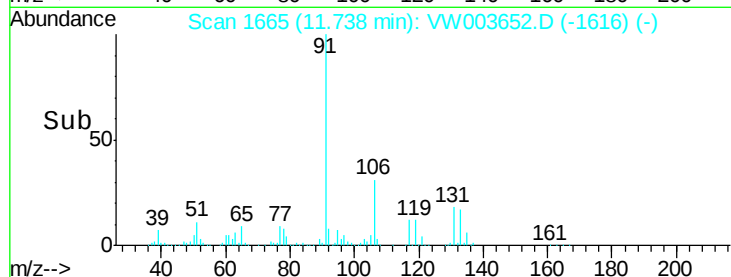
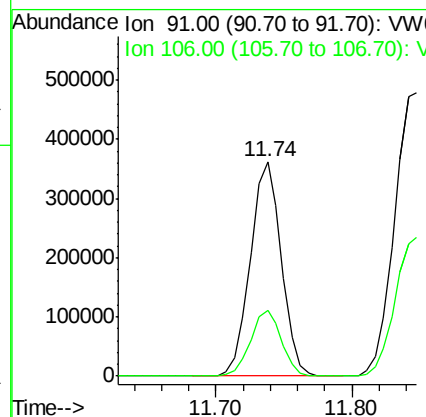
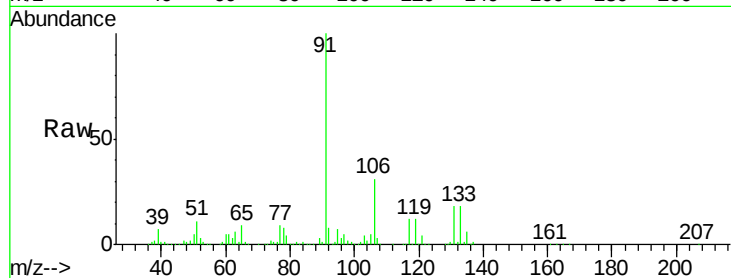
#67
Ethyl Benzene
Concen: 52.98 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003652.D
Acq: 28 Jun 2018 21:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 577279
Ion Ratio Lower Upper
91 100
106 30.7 24.7 37.1

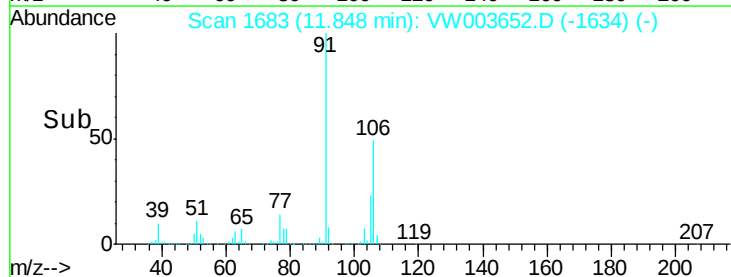
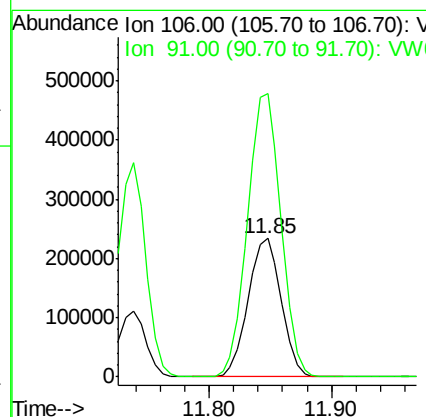
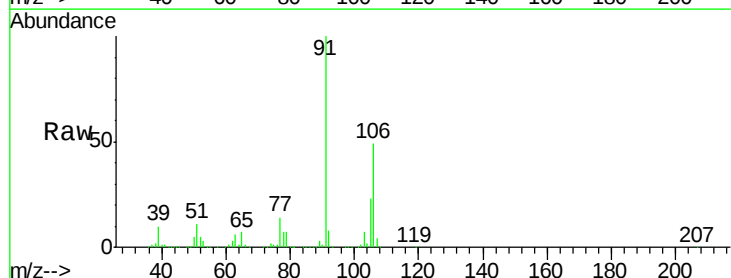
Manual Integrations
APPROVED

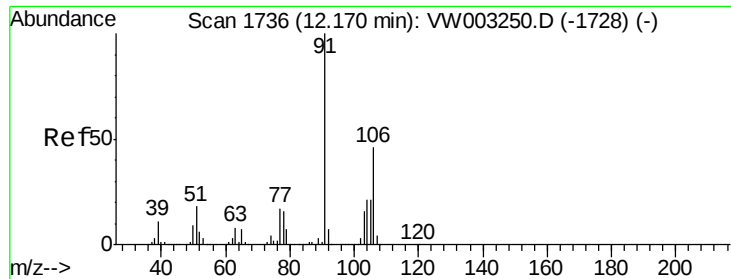
apatel
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#68
m/p-Xylenes
Concen: 106.24 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW003652.D
Acq: 28 Jun 2018 21:08

Tgt Ion: 106 Resp: 440083
Ion Ratio Lower Upper
106 100
91 206.4 165.4 248.0





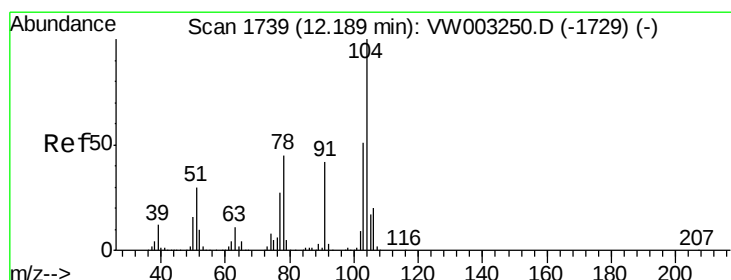
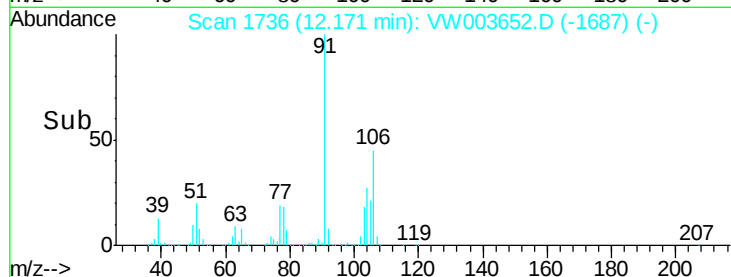
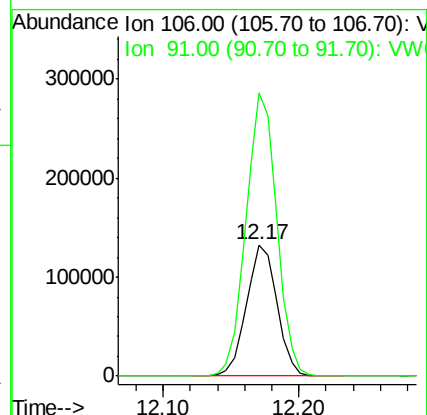
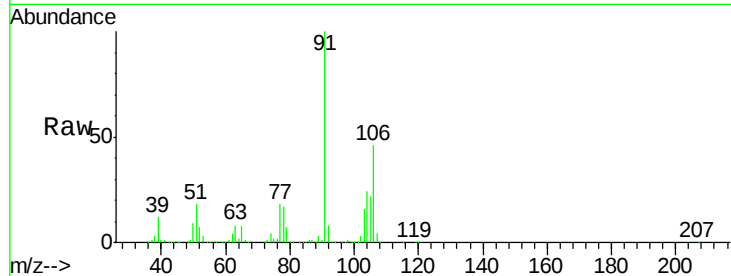
#69
o-Xylene
Concen: 53.96 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003652.D
Acq: 28 Jun 2018 21:08

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	218.1	108.6	325.6

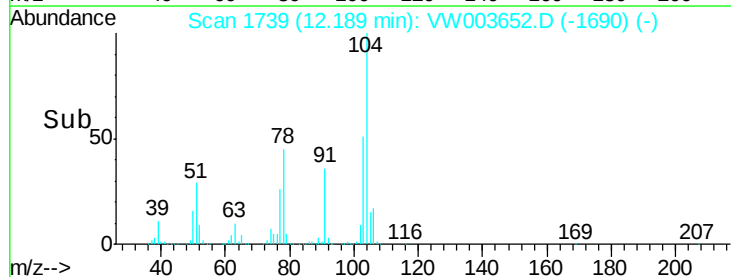
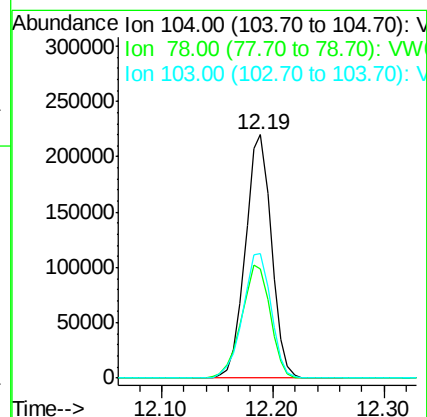
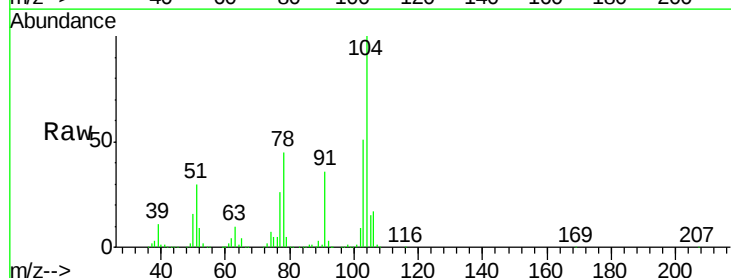
Manual Integrations
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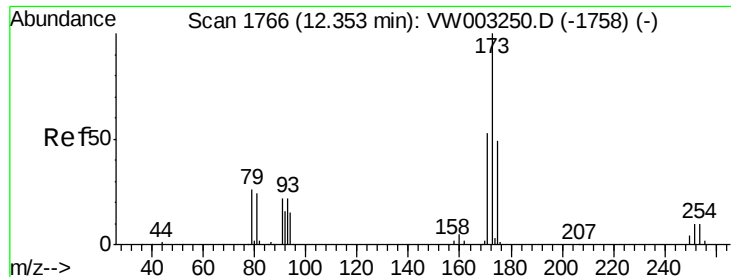
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#70
Styrene
Concen: 55.86 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW003652.D
Acq: 28 Jun 2018 21:08

Tgt Ion	Ratio	Lower	Upper
104	100		
78	51.1	41.3	61.9
103	55.7	45.0	67.4





#71

Bromoform

Concen: 55.45 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW003652.D

Acq: 28 Jun 2018 21:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 62086

Ion Ratio Lower Upper

173 100

175 49.0 24.4 73.4

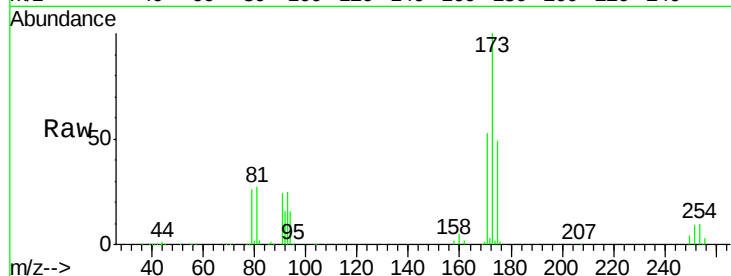
254 0.1 0.1 0.1

Manual Integrations

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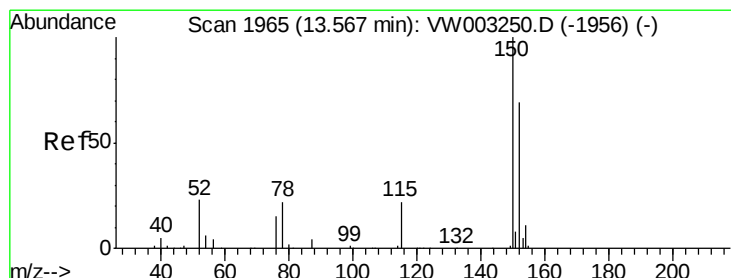
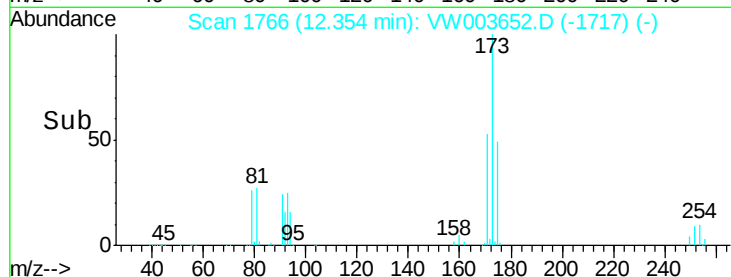
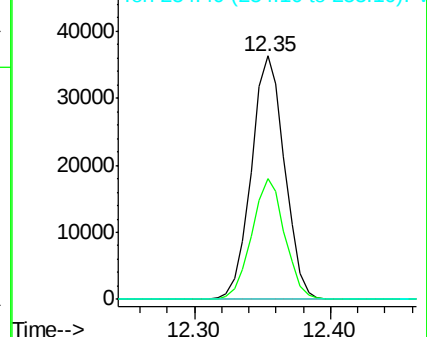
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Abundance Ion 172.70 (172.40 to 173.40): V

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: VW003652.D

Acq: 28 Jun 2018 21:08

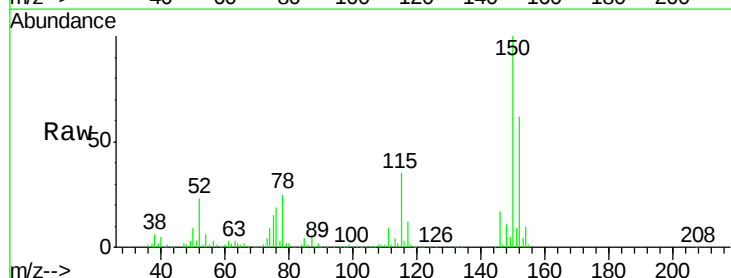
Tgt Ion:152 Resp: 161364

Ion Ratio Lower Upper

152 100

115 58.0 29.3 88.0

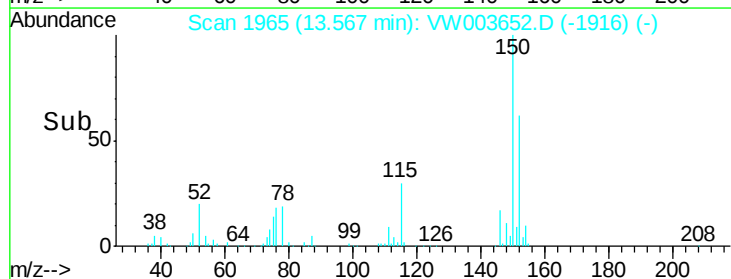
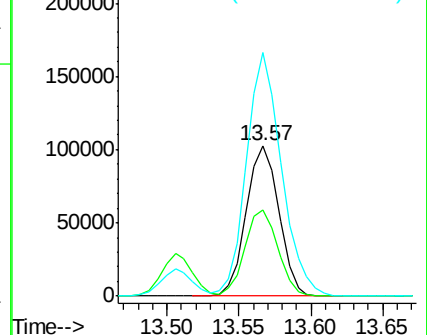
150 173.3 0.0 349.6

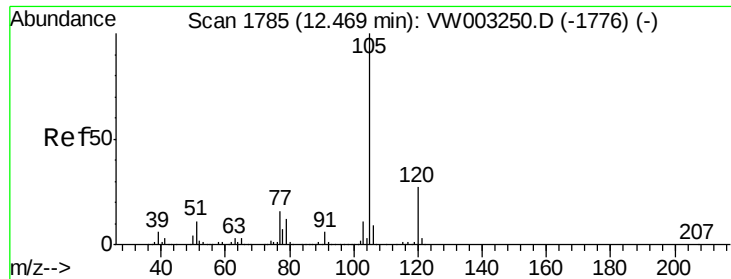


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.37 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW003652.D

Acq: 28 Jun 2018 21:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 576601

Ion Ratio Lower Upper

105 100

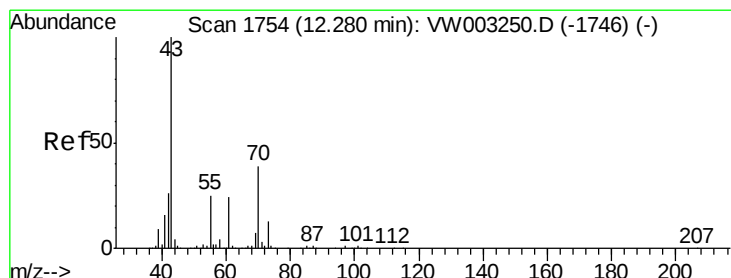
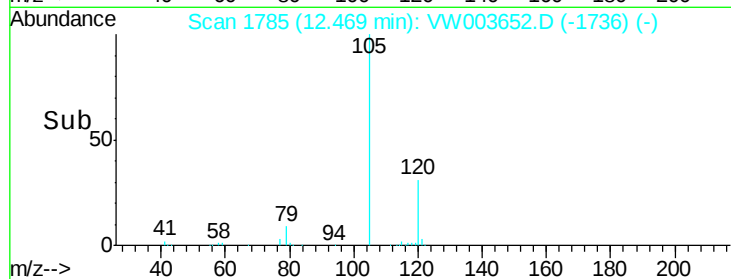
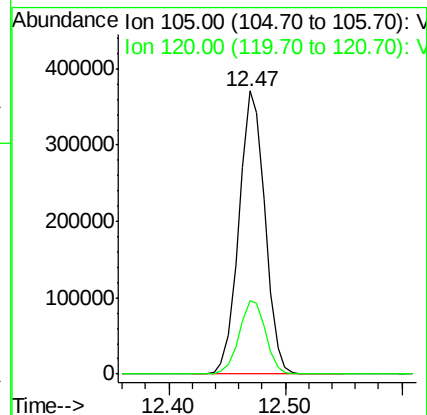
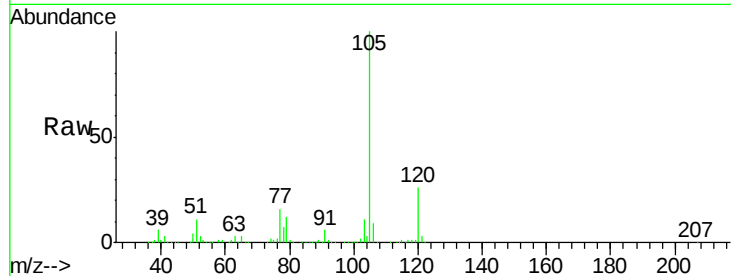
120 26.4 13.2 39.6

Manual Integrations

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#74

N-ethyl acetate

Concen: 57.31 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW003652.D

Acq: 28 Jun 2018 21:08

Tgt Ion: 43 Resp: 146402

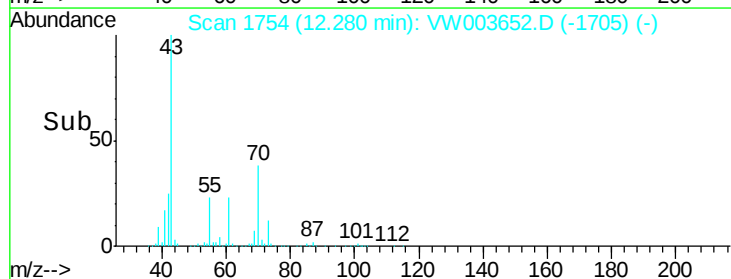
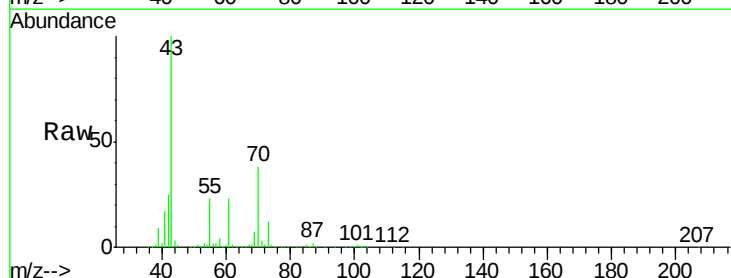
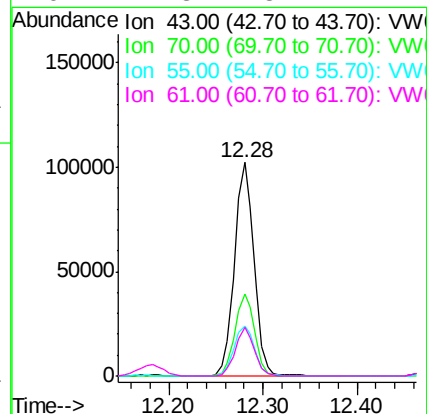
Ion Ratio Lower Upper

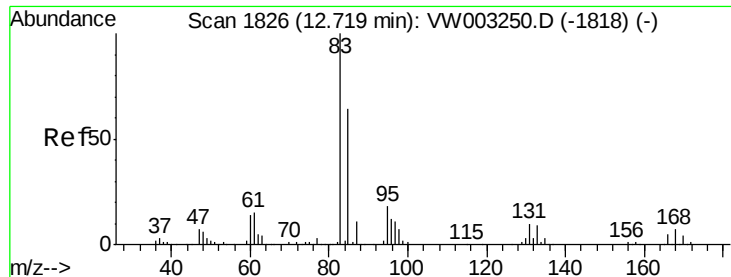
43 100

70 38.6 31.0 46.6

55 25.1 19.7 29.5

61 22.3 18.1 27.1





#75

1,1,2,2-Tetrachloroethane

Concen: 56.66 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW003652.D

Acq: 28 Jun 2018 21:08

Instrument :

MSVOA_W

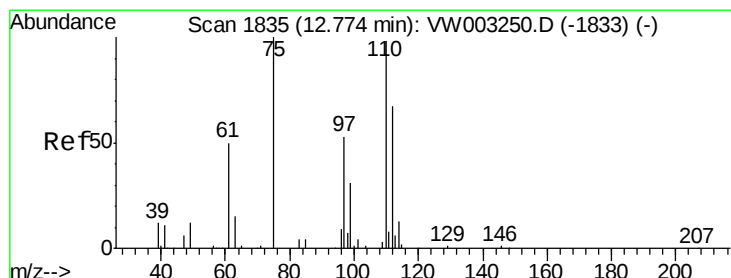
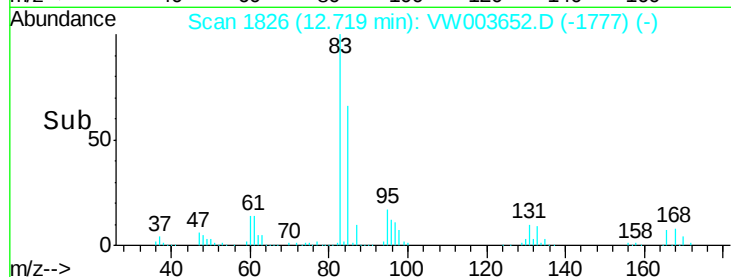
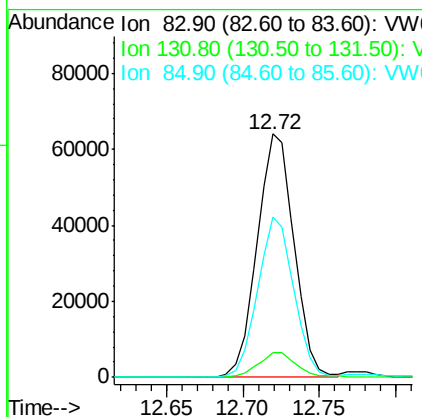
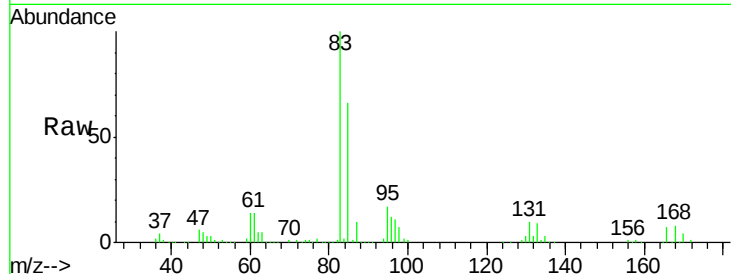
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	107586
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.4	16.2
85	64.3	31.9	95.7

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 55.37 ug/l m

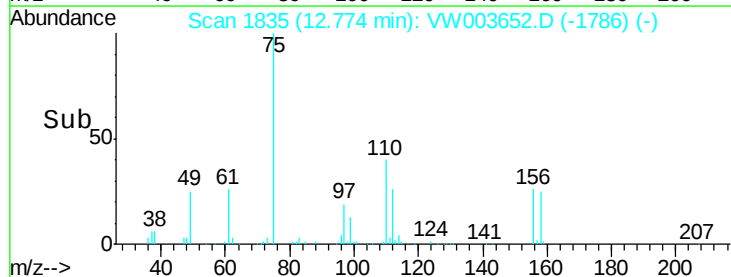
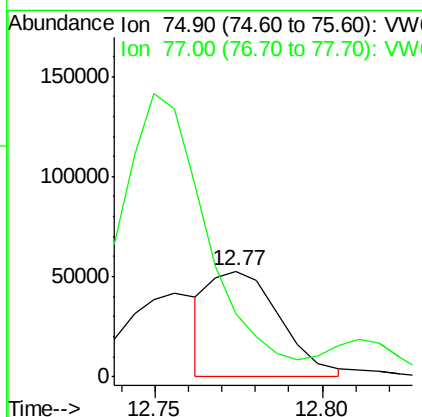
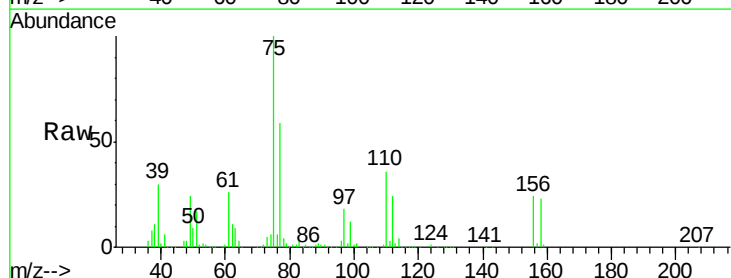
RT: 12.77 min Scan# 1835

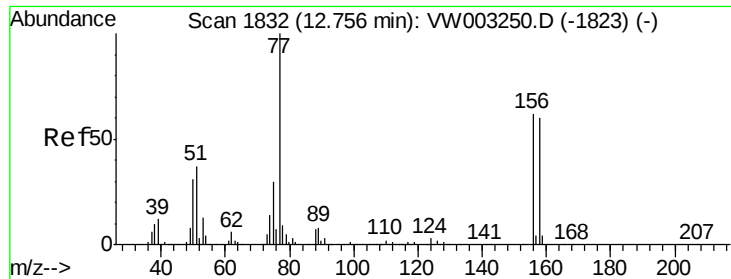
Delta R.T. 0.00 min

Lab File: VW003652.D

Acq: 28 Jun 2018 21:08

Tgt Ion:	75	Resp:	76385
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





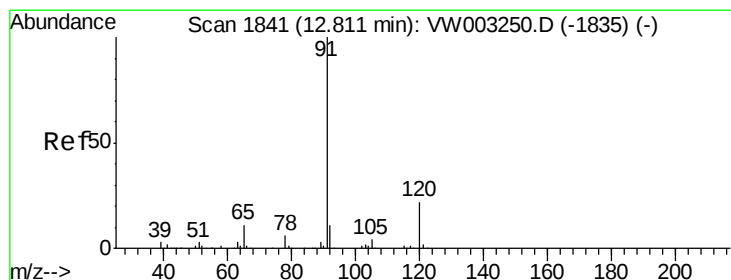
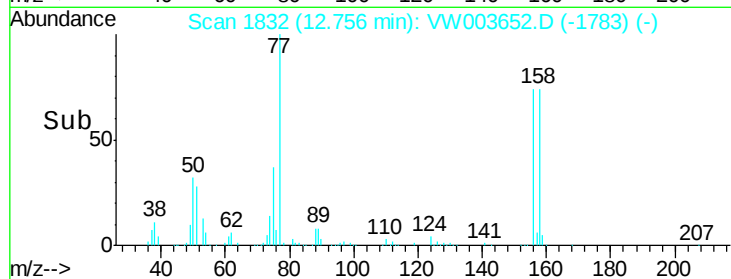
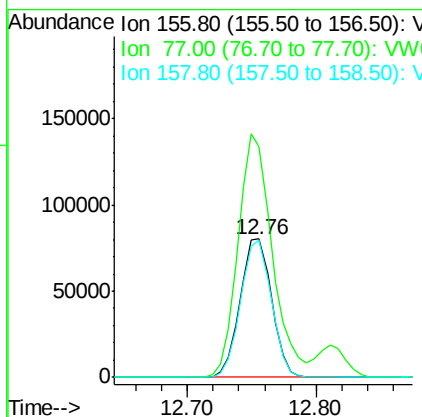
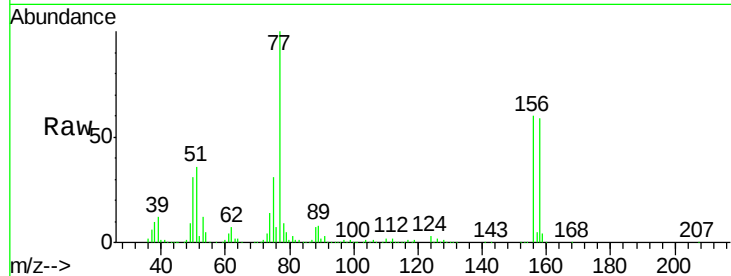
#77
Bromobenzene
Concen: 51.92 ug/l
RT: 12.76 min Scan# 1832
Delta R.T. 0.00 min
Lab File: VW003652.D
Acq: 28 Jun 2018 21:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	191.4	92.3	276.9
158	96.7	47.5	142.6

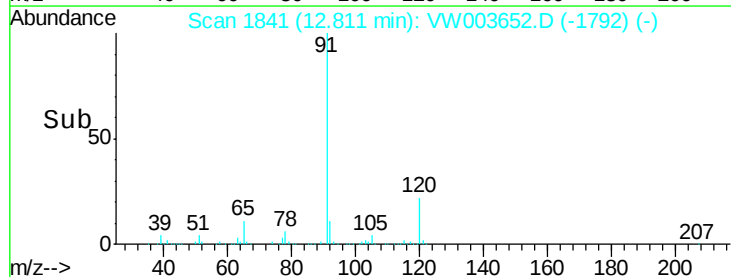
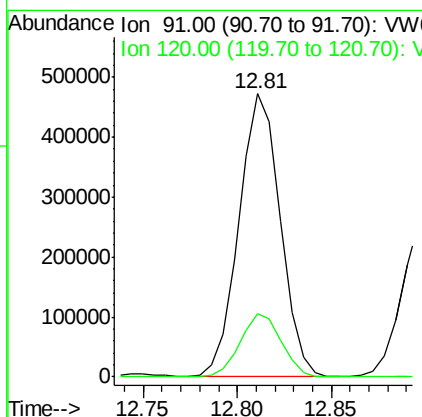
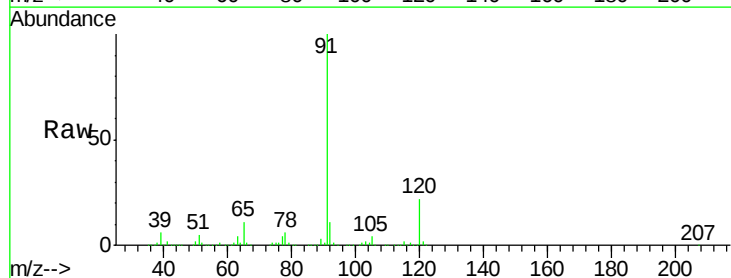
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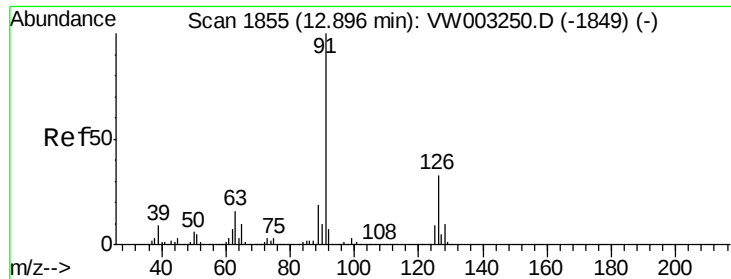
apatel
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#78
n-propylbenzene
Concen: 52.24 ug/l
RT: 12.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VW003652.D
Acq: 28 Jun 2018 21:08

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.3	11.3	33.8





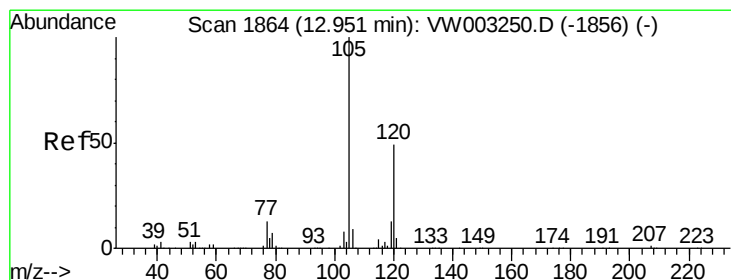
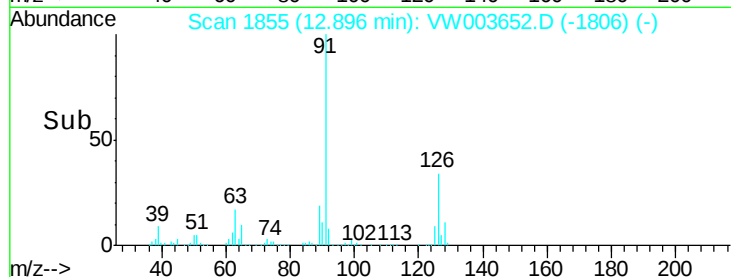
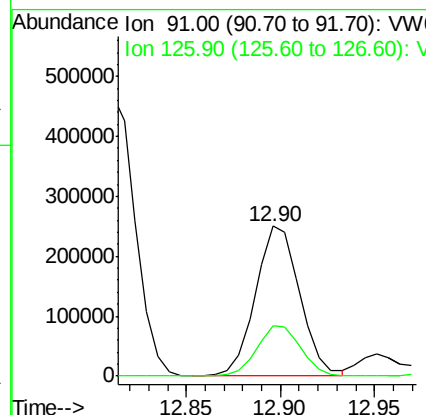
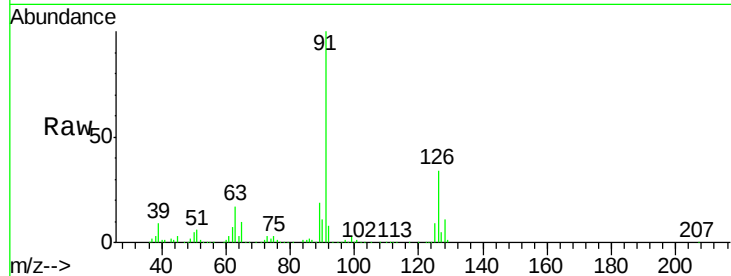
#79
 2-Chlorotoluene
 Concen: 52.54 ug/l
 RT: 12.90 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW003652.D
 Acq: 28 Jun 2018 21:08

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
126	33.4	16.8	50.4

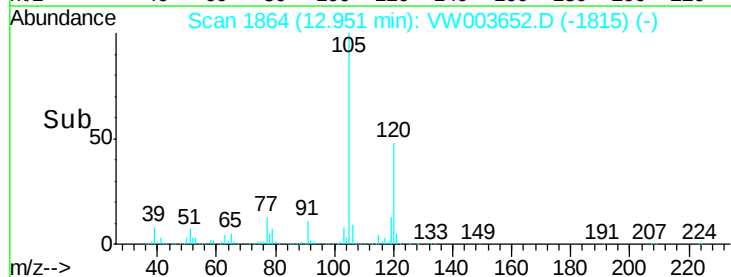
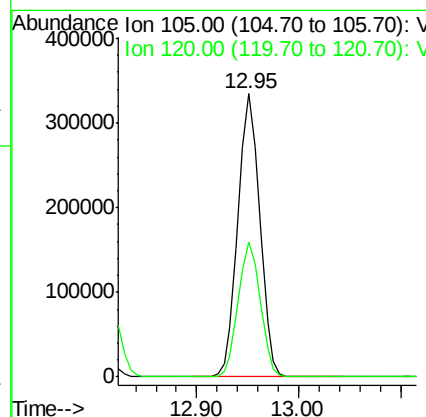
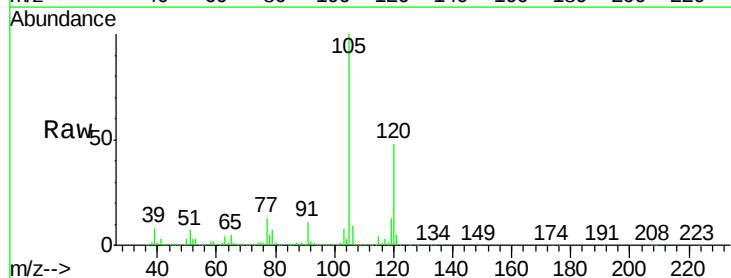
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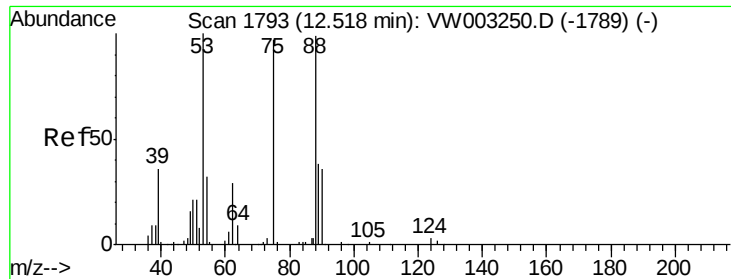
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#80
 1,3,5-Trimethylbenzene
 Concen: 52.63 ug/l
 RT: 12.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VW003652.D
 Acq: 28 Jun 2018 21:08

Tgt Ion	Ratio	Lower	Upper
105	100		
120	48.1	24.3	72.9





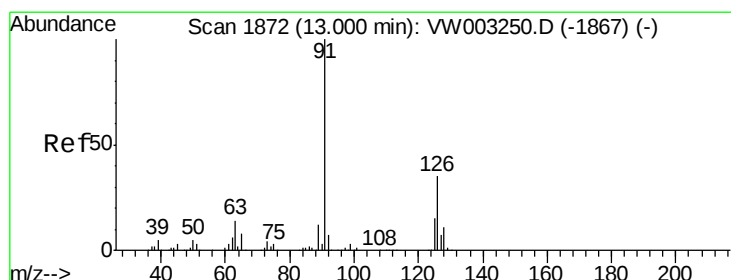
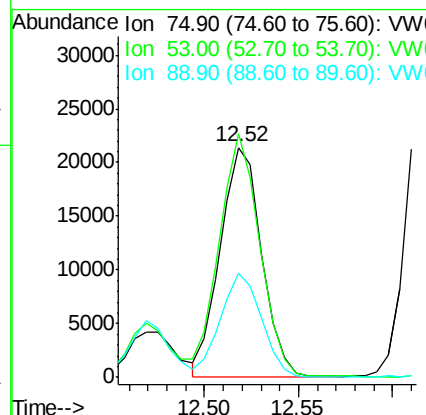
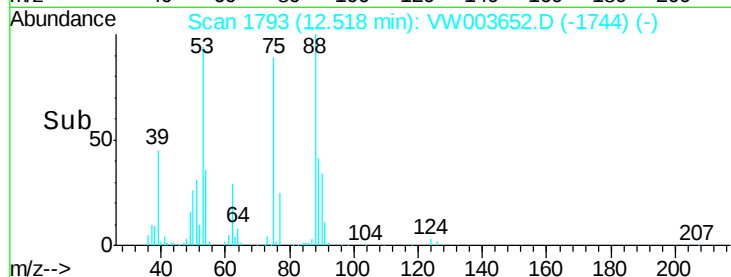
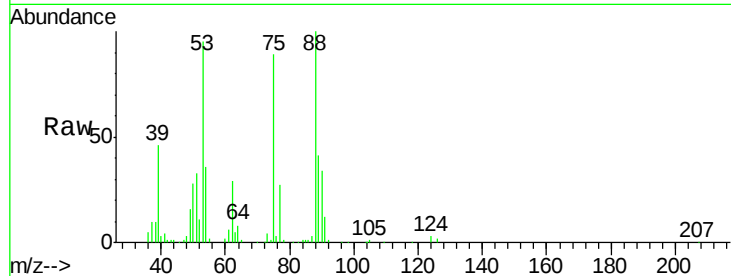
#81
trans-1,4-Dichloro-2-butene
Concen: 54.02 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VW003652.D
Acq: 28 Jun 2018 21:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	106.5	82.9	124.3
89	45.3	36.7	55.1

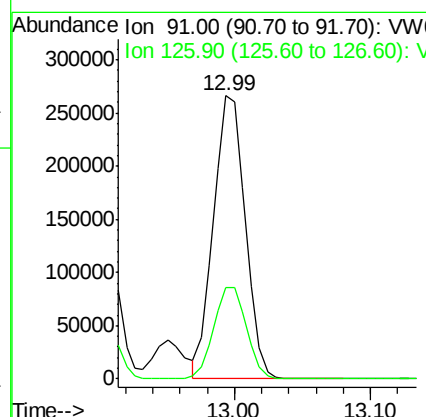
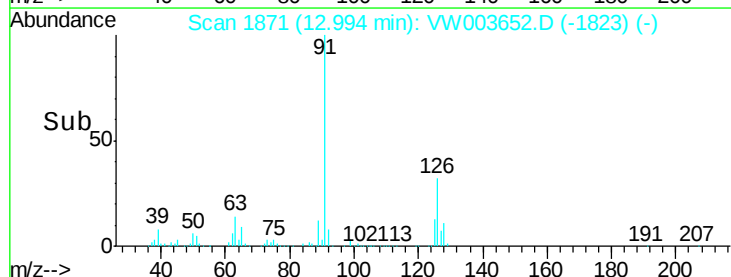
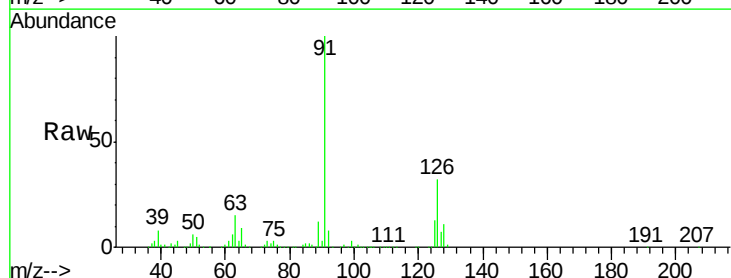
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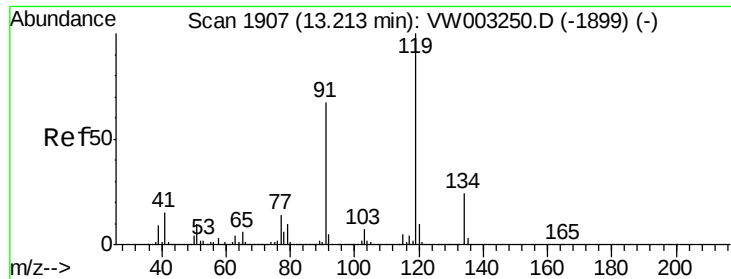
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#82
4-Chlorotoluene
Concen: 52.16 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. -0.01 min
Lab File: VW003652.D
Acq: 28 Jun 2018 21:08

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.3	16.8	50.3





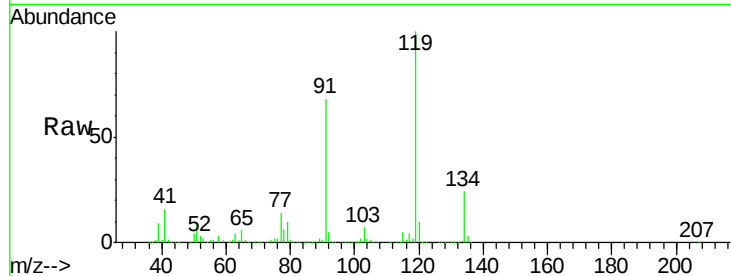
#83
tert-Butylbenzene
Concen: 52.42 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. 0.00 min
Lab File: VW003652.D
Acq: 28 Jun 2018 21:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

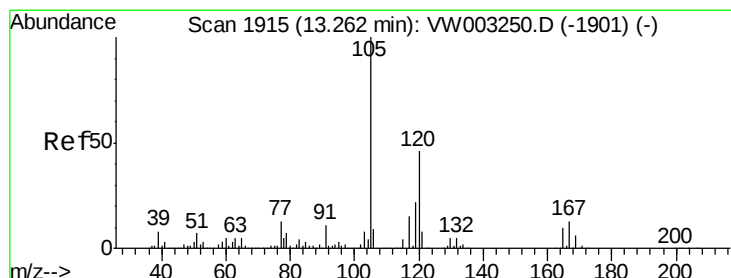
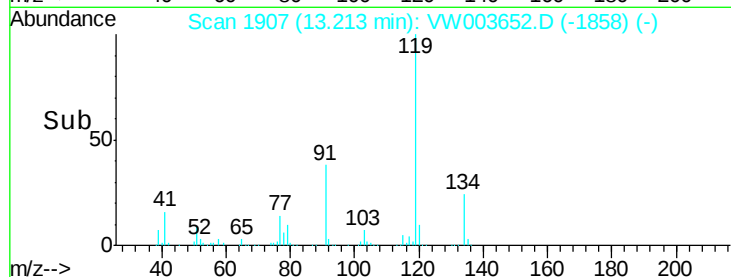
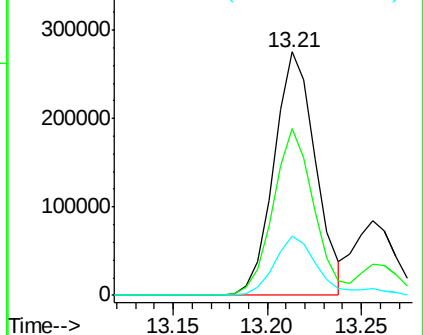
Tot Ion	Ratio	Lower	Upper
119	100		
91	67.5	33.9	101.7
134	26.3	13.4	40.1

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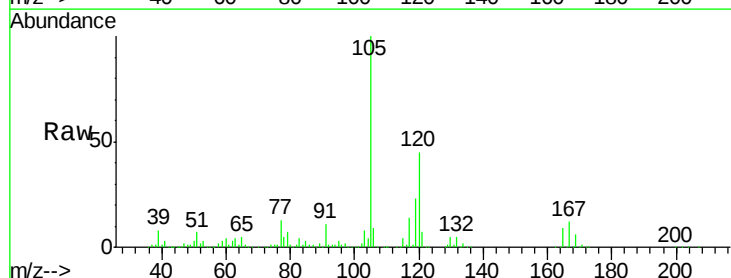


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

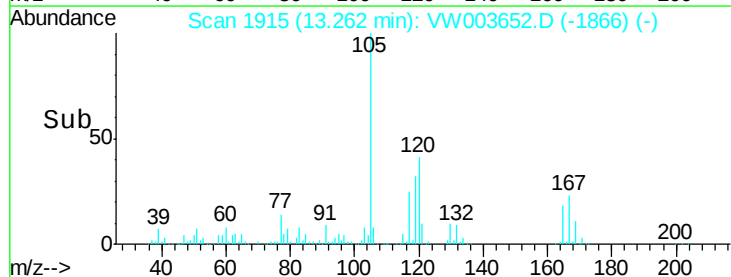
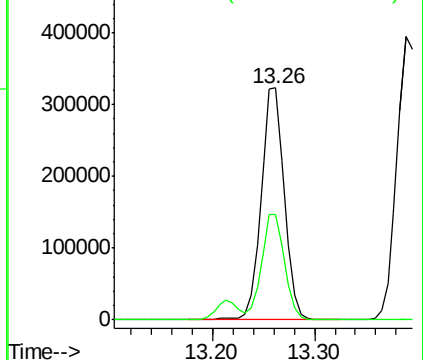


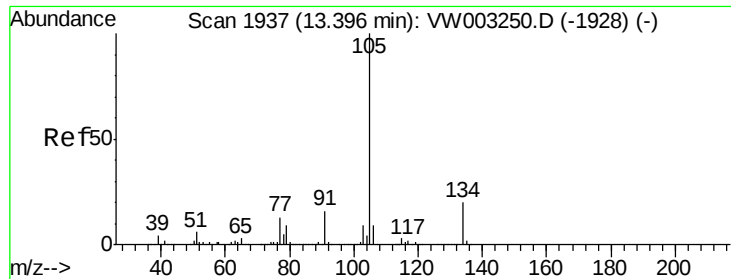
#84
1,2,4-Trimethylbenzene
Concen: 52.82 ug/l
RT: 13.26 min Scan# 1915
Delta R.T. 0.00 min
Lab File: VW003652.D
Acq: 28 Jun 2018 21:08

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.9	22.5	67.5



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 51.53 ug/l

RT: 13.39 min Scan# 1936

Delta R.T. -0.01 min

Lab File: VW003652.D

Acq: 28 Jun 2018 21:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 614900

Ion Ratio Lower Upper

105 100

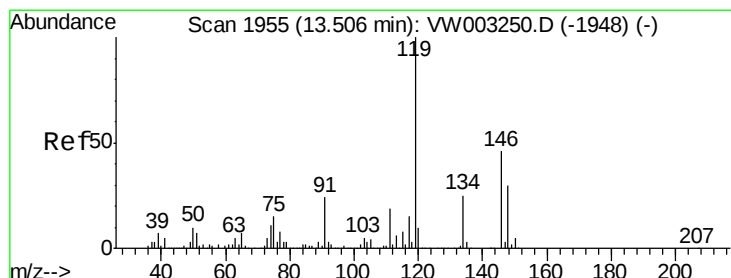
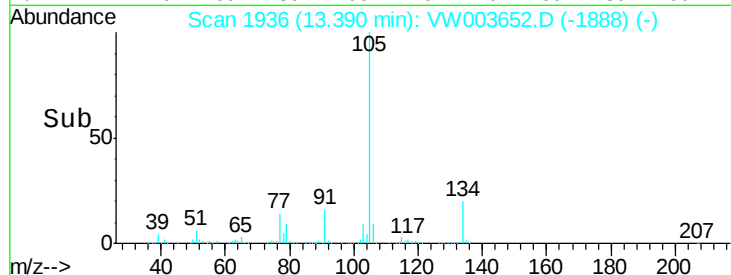
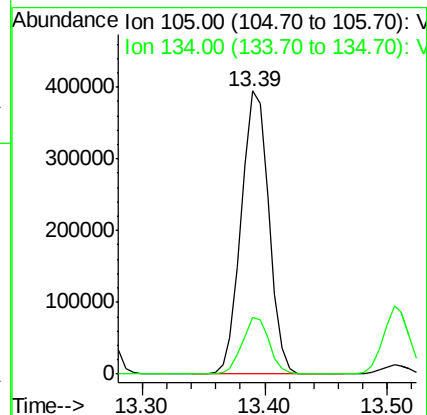
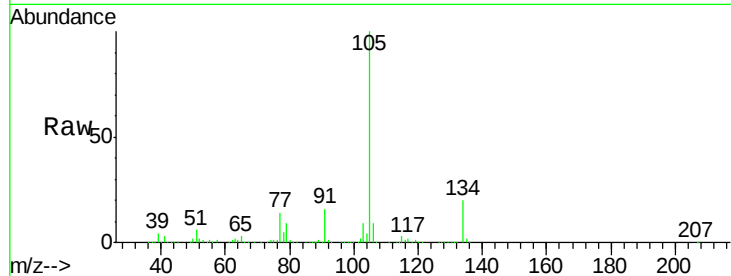
134 19.6 9.8 29.5

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#86

p-Isopropyltoluene

Concen: 51.66 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW003652.D

Acq: 28 Jun 2018 21:08

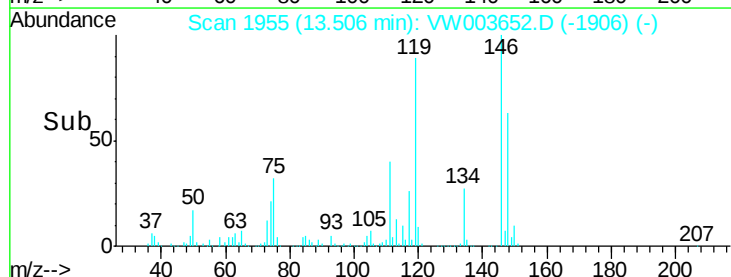
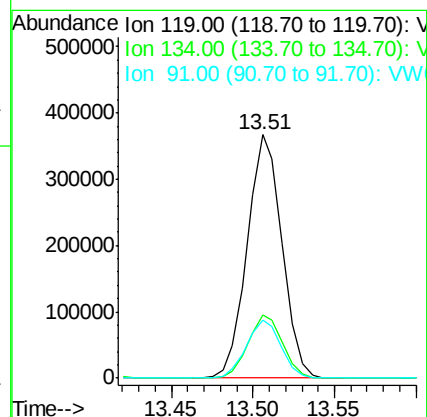
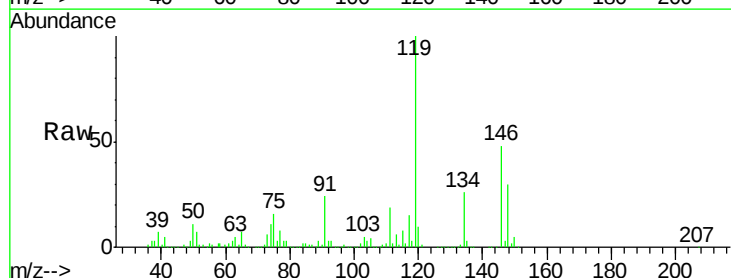
Tgt Ion:119 Resp: 543752

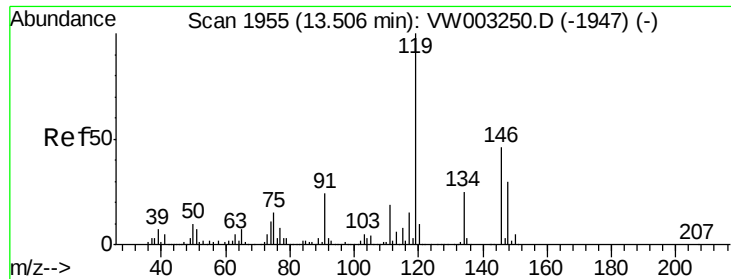
Ion Ratio Lower Upper

119 100

134 26.0 12.9 38.7

91 23.8 11.8 35.3





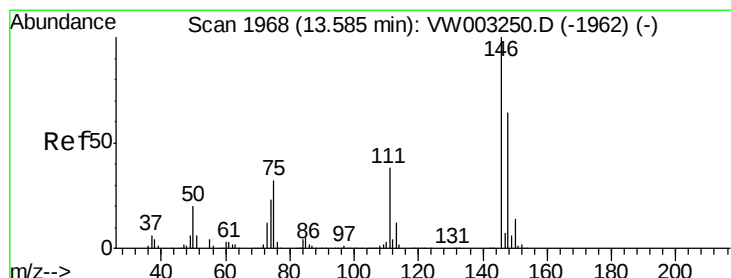
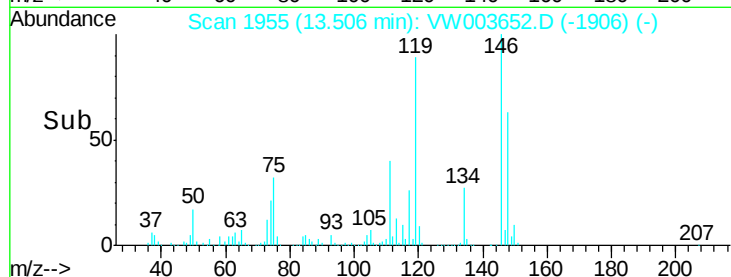
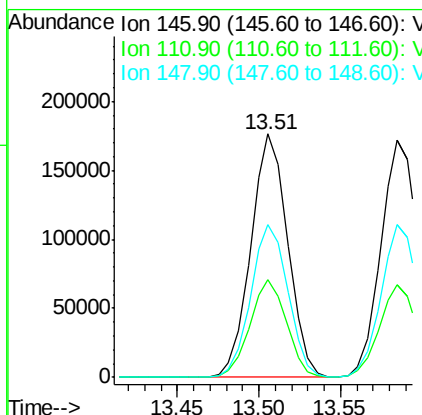
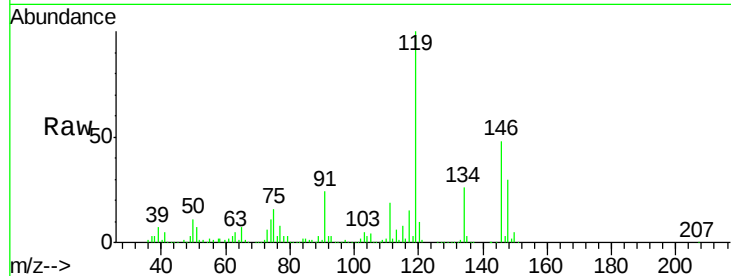
#87
 1,3-Dichlorobenzene
 Concen: 51.66 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003652.D
 Acq: 28 Jun 2018 21:08

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.8	59.4
148	63.3	32.1	96.5

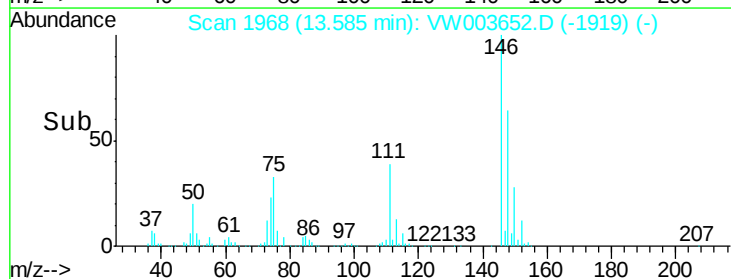
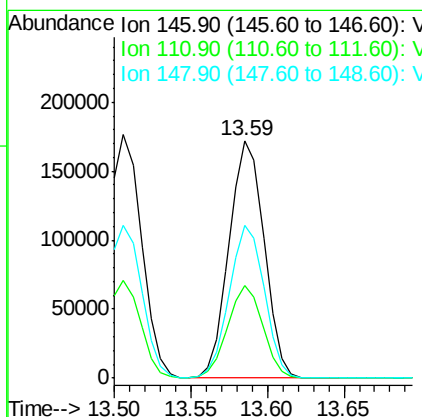
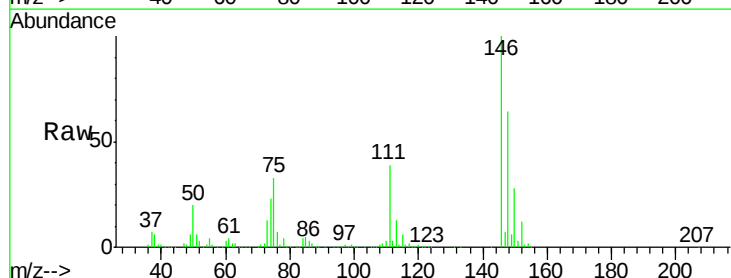
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#88
 1,4-Dichlorobenzene
 Concen: 51.48 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW003652.D
 Acq: 28 Jun 2018 21:08

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.2	57.6
148	64.2	31.8	95.4





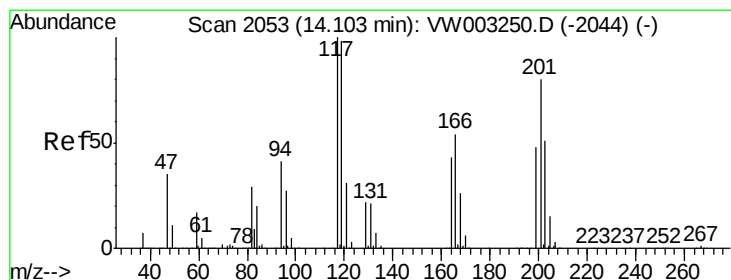
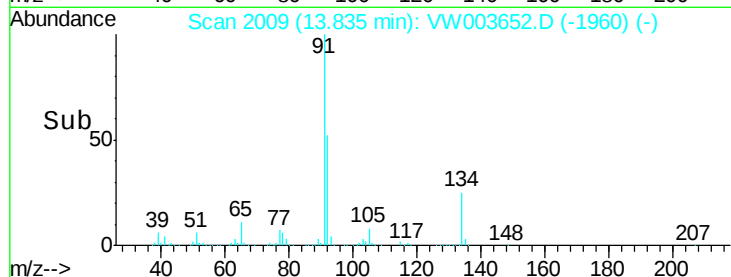
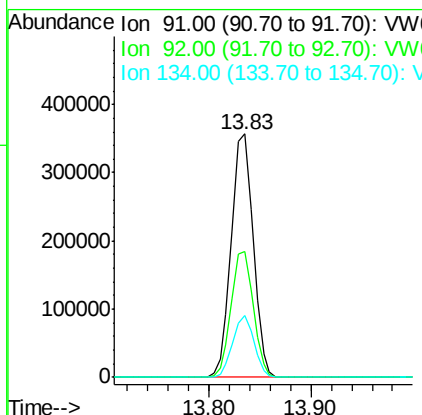
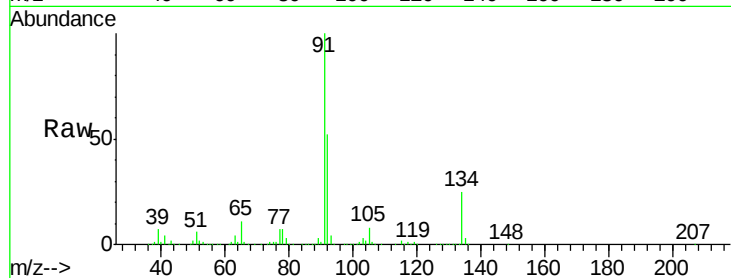
#89
n-Butylbenzene
Concen: 51.70 ug/l
RT: 13.83 min Scan# 2009
Delta R.T. 0.00 min
Lab File: VW003652.D
Acq: 28 Jun 2018 21:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.1	26.0	78.0
134	24.7	12.7	38.0

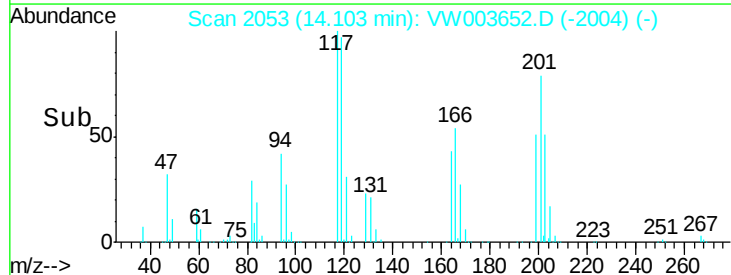
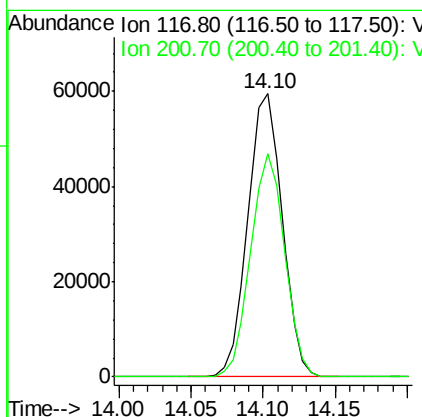
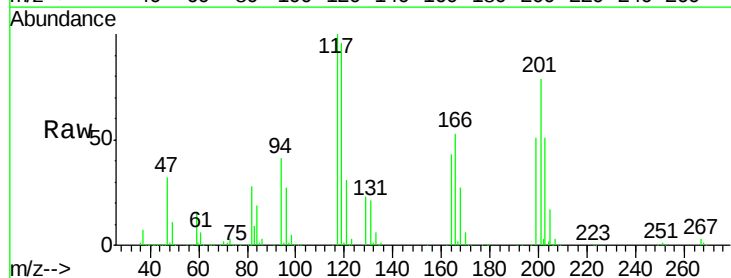
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#90
Hexachloroethane
Concen: 51.74 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.00 min
Lab File: VW003652.D
Acq: 28 Jun 2018 21:08

Tgt Ion	Ratio	Lower	Upper
117	100		
201	77.7	39.5	118.5





#91

1,2-Dichlorobenzene

Concen: 53.09 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. 0.00 min

Lab File: VW003652.D

Acq: 28 Jun 2018 21:08

Instrument :

MSVOA_W

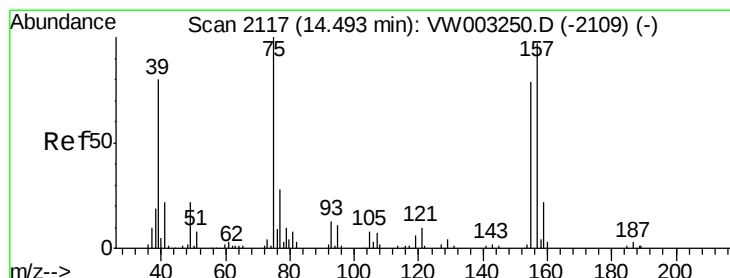
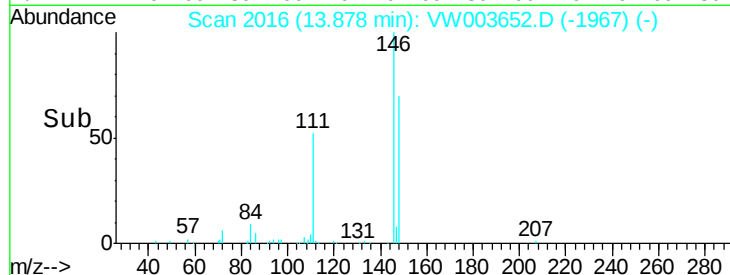
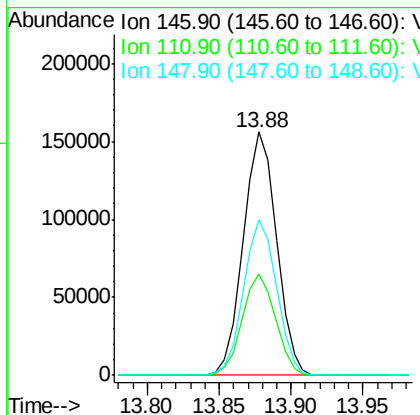
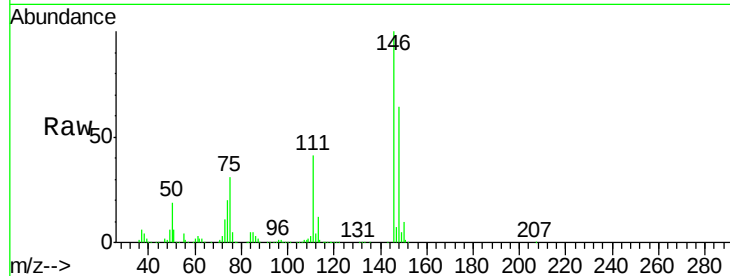
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	249697
Ion Ratio	Lower	Upper	
146	100		
111	41.3	20.3	61.0
148	63.4	32.3	96.9

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#92

1,2-Dibromo-3-Chloropropane

Concen: 57.40 ug/l

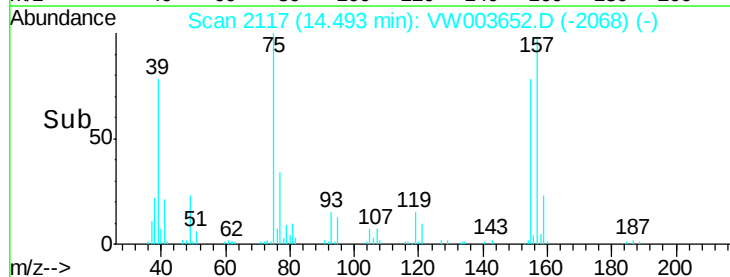
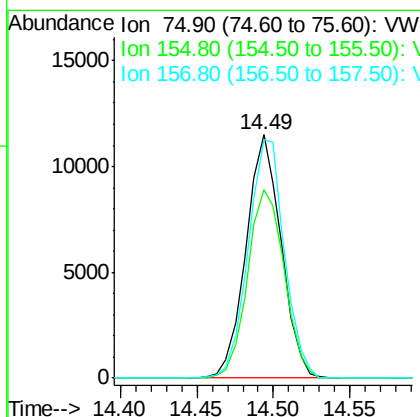
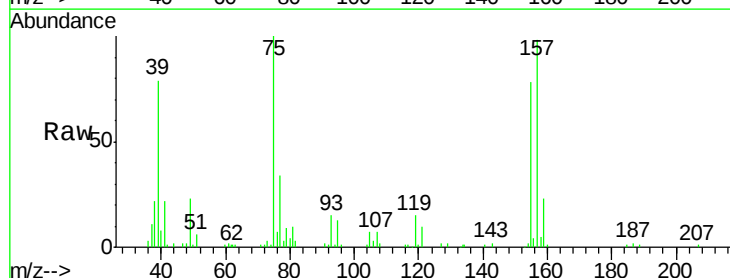
RT: 14.49 min Scan# 2117

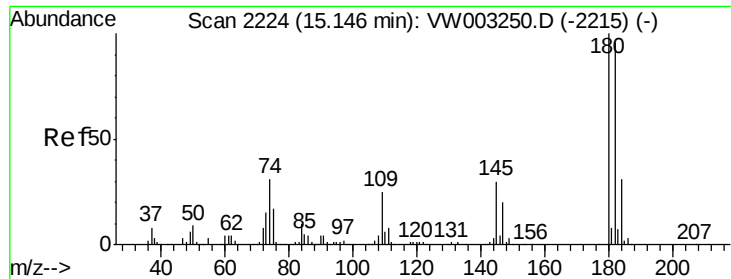
Delta R.T. 0.00 min

Lab File: VW003652.D

Acq: 28 Jun 2018 21:08

Tgt Ion:	75	Resp:	18343
Ion Ratio	Lower	Upper	
75	100		
155	80.6	39.4	118.2
157	101.3	51.5	154.5





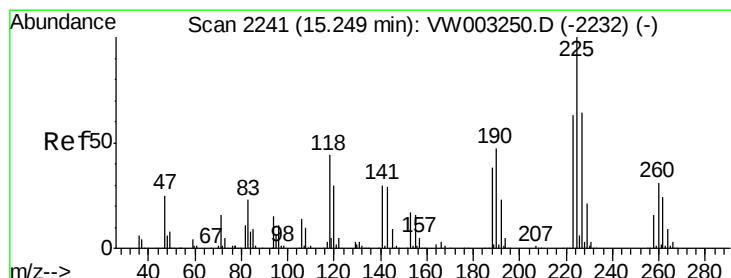
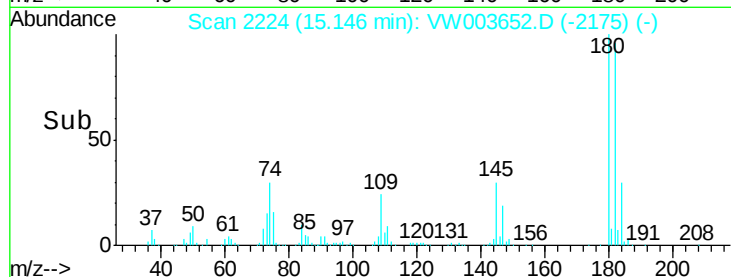
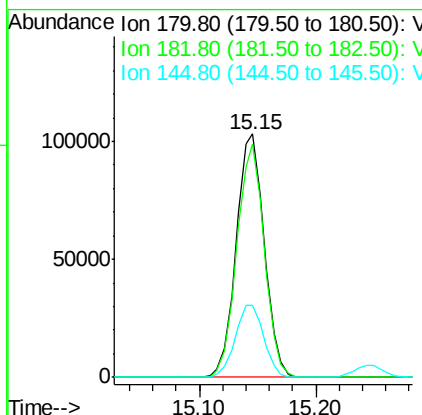
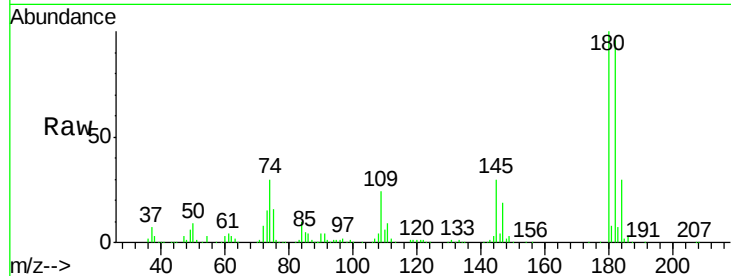
#93
 1,2,4-Trichlorobenzene
 Concen: 52.40 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW003652.D
 Acq: 28 Jun 2018 21:08

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	173040		
182	93.7	47.9	143.6	
145	30.4	15.2	45.5	

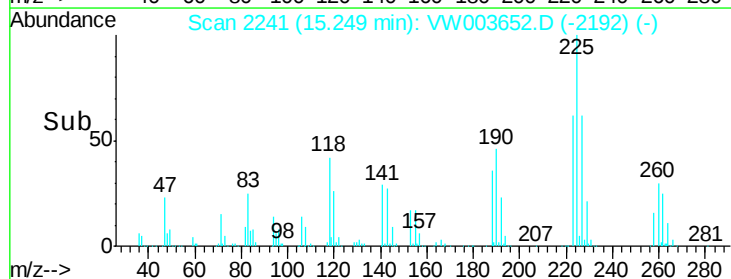
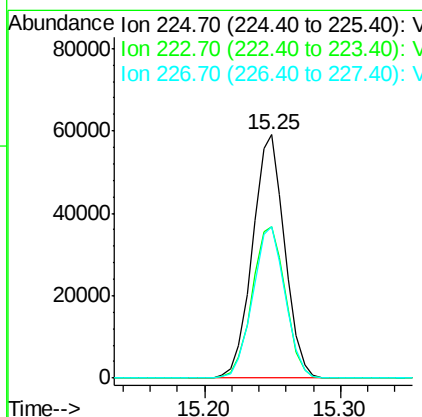
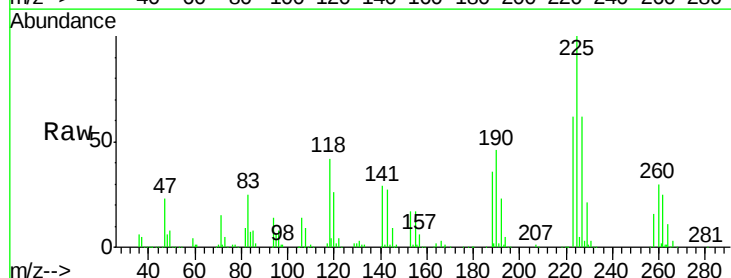
Manual Integrations
 APPROVED

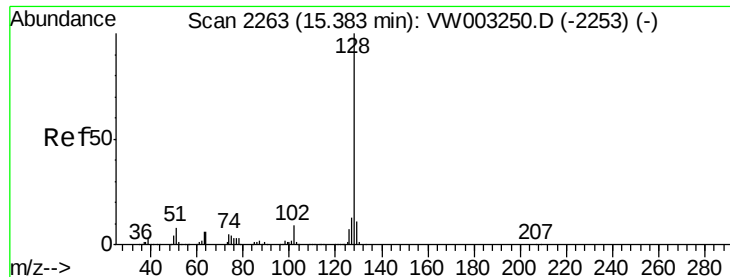
apatel
 6/29/2018 3:02:14 PM



#94
 Hexachlorobutadiene
 Concen: 49.19 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: VW003652.D
 Acq: 28 Jun 2018 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	97706		
223	64.4	30.6	92.0	
227	62.5	31.7	95.1	





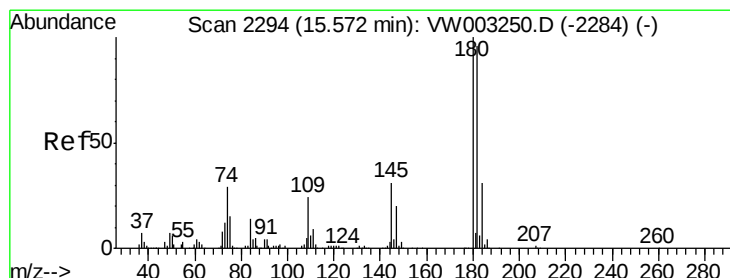
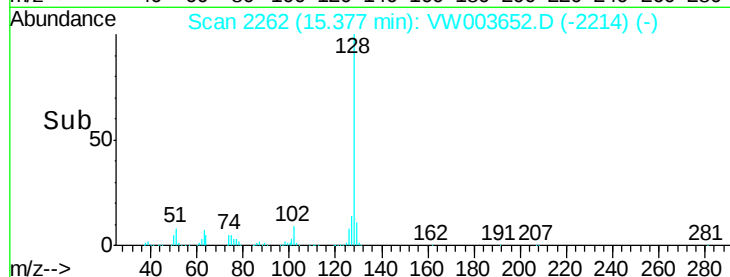
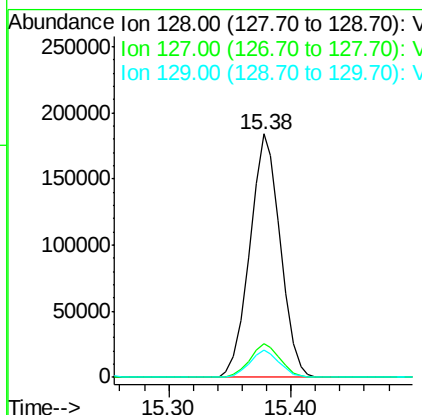
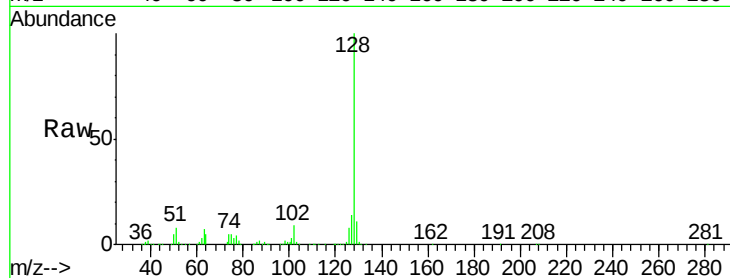
#95
Naphthalene
Concen: 56.93 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. -0.01 min
Lab File: VW003652.D
Acq: 28 Jun 2018 21:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.5	15.7
129	10.8	8.9	13.3

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 53.04 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.01 min
Lab File: VW003652.D
Acq: 28 Jun 2018 21:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.9	143.6
145	31.5	15.8	47.4

