

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071018\
 Data File : VW003846.D
 Acq On : 11 Jul 2018 02:03
 Operator : SY/AP
 Sample : VW0710SBSD02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0710SBSD02

Manual Integrations
 APPROVED

apatel
 7/11/2018 1:00:19 PM

Quant Time: Jul 11 06:41:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 05:07:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	184760	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	296903	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	280412	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	152778	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	119623	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	
35) Dibromofluoromethane	7.88	113	102493	49.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.64%	
50) Toluene-d8	10.32	98	405427	51.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.02%	
62) 4-Bromofluorobenzene	12.62	95	146580	50.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	16138	17.96	ug/l	94
3) Chloromethane	2.21	50	36598	21.45	ug/l	97
4) Vinyl Chloride	2.36	62	49994	22.22	ug/l	99
5) Bromomethane	2.76	94	30315	19.09	ug/l	95
6) Chloroethane	2.92	64	26401	19.57	ug/l	100
7) Trichlorofluoromethane	3.25	101	21096	23.21	ug/l	96
8) Diethyl Ether	3.67	74	21994	23.61	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	41722	23.60	ug/l	99
10) Methyl Iodide	4.26	142	61874	23.52	ug/l	98
11) Tert butyl alcohol	5.18	59	16550	126.40	ug/l	95
12) 1,1-Dichloroethene	4.03	96	41275	23.78	ug/l	98
13) Acrolein	3.89	56	17766	90.79	ug/l	97
14) Allyl chloride	4.65	41	68860	22.82	ug/l	99
15) Acrylonitrile	5.37	53	55029	117.97	ug/l	99
16) Acetone	4.12	43	48850	116.53	ug/l	98
17) Carbon Disulfide	4.37	76	130870	23.00	ug/l	99
18) Methyl Acetate	4.67	43	27414	23.20	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	76795	21.41	ug/l	96
20) Methylene Chloride	4.91	84	50842	22.47	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	45352	22.07	ug/l	92
22) Diisopropyl ether	6.31	45	145009	21.86	ug/l	98
23) Vinyl Acetate	6.26	43	426667	105.36	ug/l	100
24) 1,1-Dichloroethane	6.21	63	87069	21.70	ug/l	100
25) 2-Butanone	7.18	43	71965	109.61	ug/l	97
26) 2,2-Dichloropropane	7.17	77	45583	20.95	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	47964	21.11	ug/l	99
28) Bromochloromethane	7.51	49	38737	21.67	ug/l	100
29) Tetrahydrofuran	7.53	42	46737	110.73	ug/l	99
30) Chloroform	7.68	83	88977	21.74	ug/l	96
31) Cyclohexane	7.95	56	75576	21.44	ug/l	# 93
32) 1,1,1-Trichloroethane	7.87	97	68027	21.84	ug/l	99
36) 1,1-Dichloropropene	8.08	75	68333	21.69	ug/l	99
37) Ethyl Acetate	7.26	43	33613	21.93	ug/l	98
38) Carbon Tetrachloride	8.06	117	64264	21.46	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	72744	21.08	ug/l	96
40) Benzene	8.32	78	195359	21.69	ug/l	100
41) Methacrylonitrile	7.49	41	17027	19.31	ug/l	93
42) 1,2-Dichloroethane	8.40	62	62527	21.45	ug/l	99
43) Isopropyl Acetate	8.43	43	61668	21.23	ug/l	99
44) Trichloroethene	9.09	130	49373	21.75	ug/l	98
45) 1,2-Dichloropropane	9.37	63	50158	21.42	ug/l	99
46) Dibromomethane	9.46	93	26664	21.65	ug/l	99
47) Bromodichloromethane	9.65	83	64194	21.19	ug/l	100
48) Methyl methacrylate	9.44	41	29509	21.33	ug/l	97
49) 1,4-Dioxane	9.46	88	8387	455.75	ug/l #	96
51) 4-Methyl-2-Pentanone	10.21	43	164997	109.75	ug/l	99
52) Toluene	10.39	92	122748	21.98	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	62474	20.66	ug/l	94
54) cis-1,3-Dichloropropene	10.07	75	72194	21.15	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	36465	21.32	ug/l	97
56) Ethyl methacrylate	10.65	69	43155	20.68	ug/l	97
57) 1,3-Dichloropropane	10.94	76	64346	21.59	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	91349	91.92	ug/l	100
59) 2-Hexanone	10.98	43	112663	109.14	ug/l	98
60) Dibromochloromethane	11.13	129	42204	21.14	ug/l	100
61) 1,2-Dibromoethane	11.24	107	35024	21.42	ug/l	99
64) Tetrachloroethene	10.87	164	47903	23.09	ug/l	98
65) Chlorobenzene	11.66	112	133253	21.56	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	46679	21.61	ug/l	99
67) Ethyl Benzene	11.74	91	229580	21.72	ug/l	98
68) m/p-Xylenes	11.84	106	180268	44.54	ug/l	100
69) o-Xylene	12.17	106	81151	21.73	ug/l	99
70) Styrene	12.19	104	141073	22.21	ug/l	100
71) Bromoform	12.35	173	26180	21.96	ug/l #	100
73) Isopropylbenzene	12.47	105	224565	21.70	ug/l	100
74) N-amyl acetate	12.28	43	58494	20.86	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	45587	21.73	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	29956m	19.97	ug/l	
77) Bromobenzene	12.75	156	54817	21.34	ug/l	99
78) n-propylbenzene	12.81	91	288548	22.22	ug/l	100
79) 2-Chlorotoluene	12.90	91	163042	21.85	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	199244	22.34	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	12832	20.92	ug/l	97
82) 4-Chlorotoluene	12.99	91	178067	22.19	ug/l	99
83) tert-Butylbenzene	13.21	119	161173	21.92	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	204867	22.11	ug/l	98
85) sec-Butylbenzene	13.39	105	241533	21.95	ug/l	100
86) p-Isopropyltoluene	13.51	119	213607	22.22	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	114469	22.00	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	113551	21.70	ug/l	99
89) n-Butylbenzene	13.83	91	208271	22.02	ug/l	99
90) Hexachloroethane	14.10	117	40485	21.86	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	101742	21.72	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7974	21.96	ug/l	95

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Instrument :
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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Sat Jul 07 05:07:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	67296	21.23	ug/l	98
94) Hexachlorobutadiene	15.24	225	39551	21.81	ug/l	97
95) Naphthalene	15.38	128	122545	21.63	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	61232	21.57	ug/l	99

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

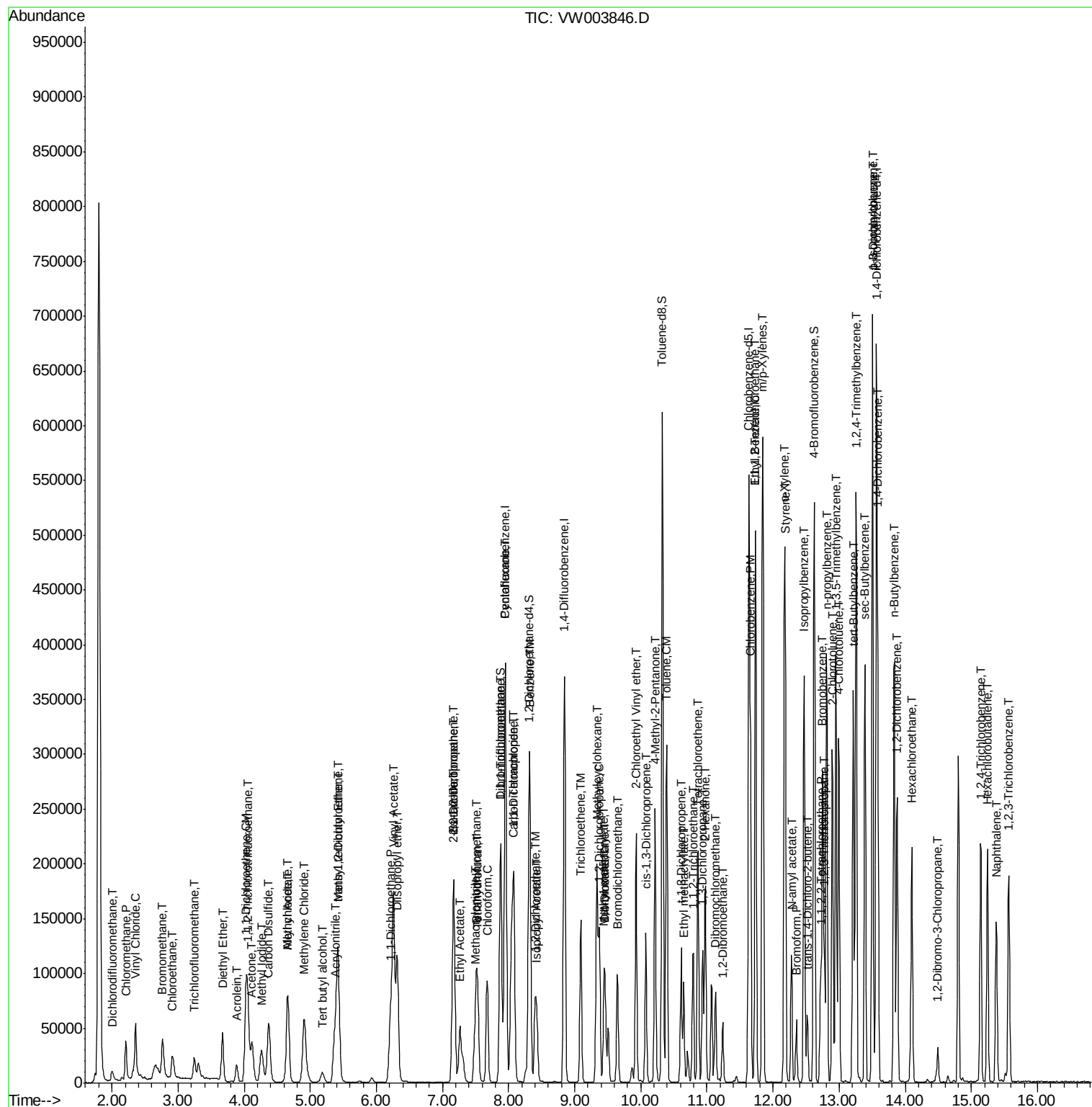
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071018\
Data File : VW003846.D
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Operator : SY/AP
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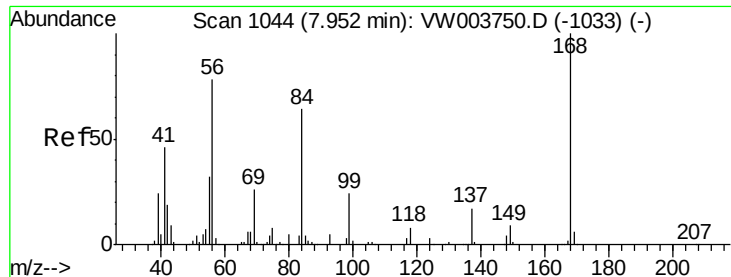
Instrument :
MSVOA_W
ClientSampleId :
VW0710SBSD02

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Quant Title : SW846 8260
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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: VW003846.D

Acq: 11 Jul 2018 02:03

Instrument :

MSVOA_W

ClientSampleId :

VW0710SBSD02

Tot Ion:168 Resp: 184760

Ion Ratio Lower Upper

168 100

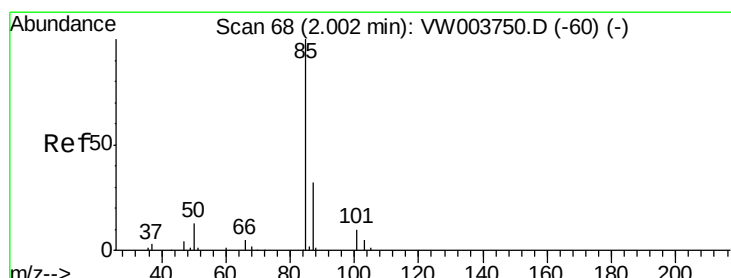
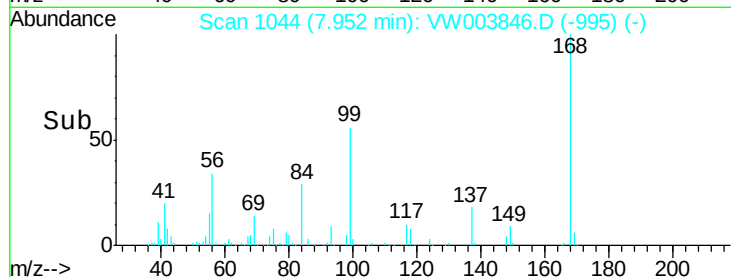
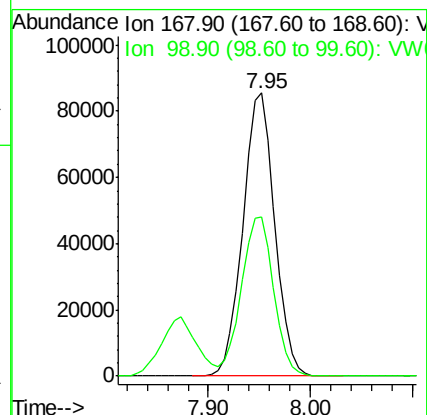
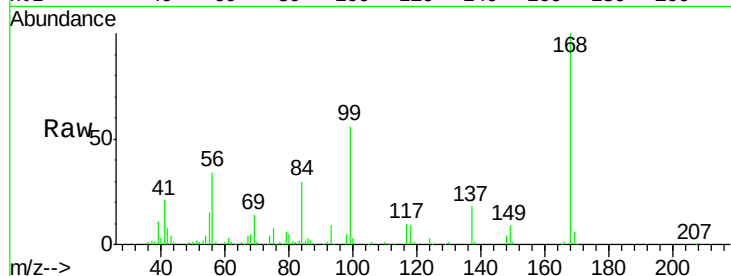
99 56.2 45.0 67.6

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 17.96 ug/l

RT: 2.00 min Scan# 68

Delta R.T. -0.00 min

Lab File: VW003846.D

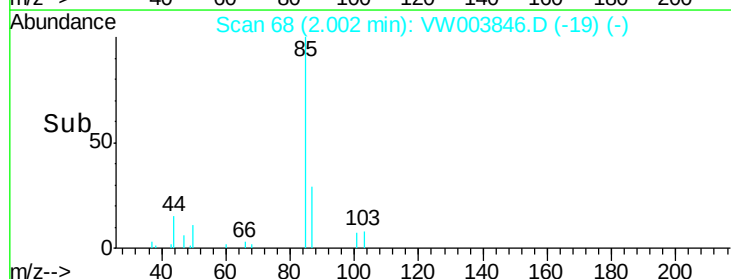
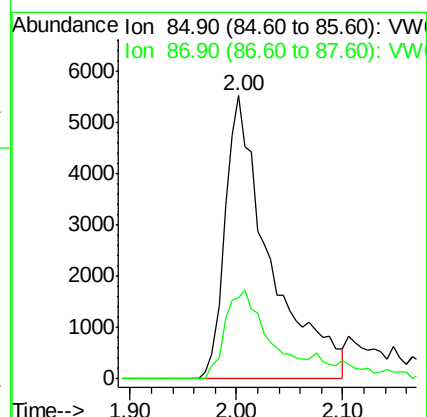
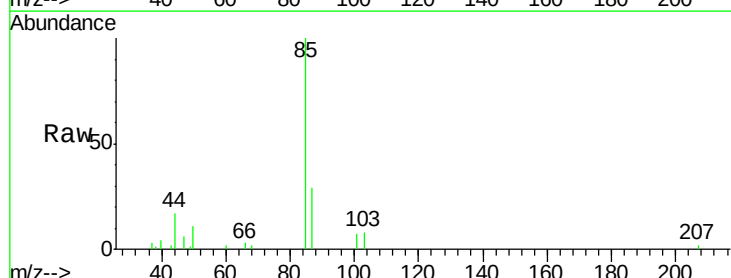
Acq: 11 Jul 2018 02:03

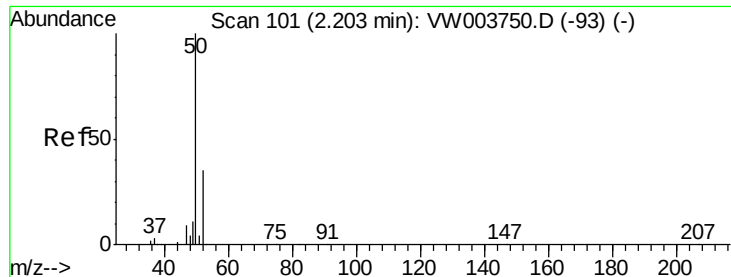
Tgt Ion: 85 Resp: 16138

Ion Ratio Lower Upper

85 100

87 28.8 16.2 48.5





#3

Chloromethane

Concen: 21.45 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.01 min

Lab File: VW003846.D

Acq: 11 Jul 2018 02:03

Instrument :

MSVOA_W

ClientSampleId :

VW0710SBSD02

Tot Ion: 50 Resp: 36598

Ion Ratio Lower Upper

50 100

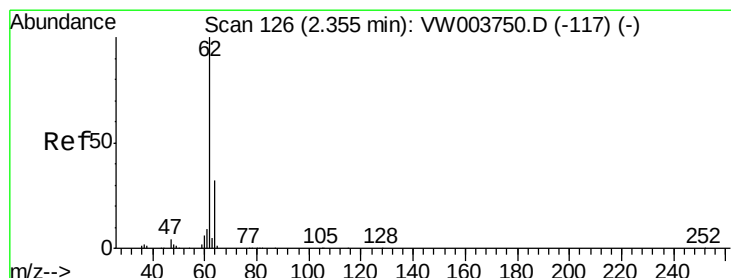
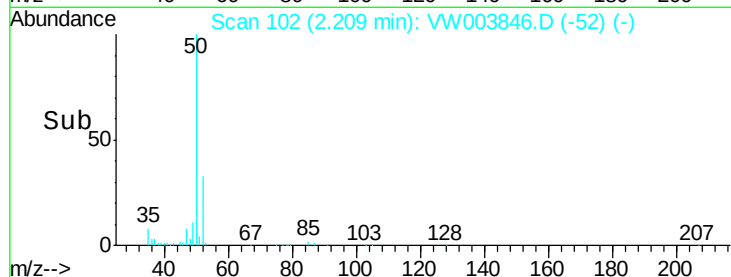
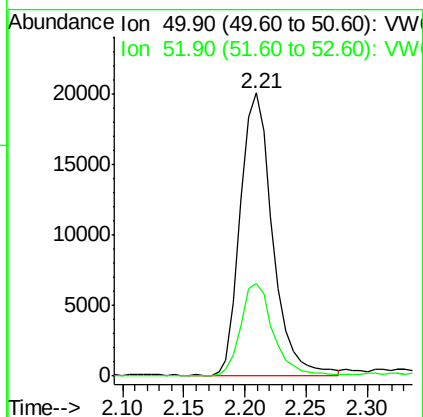
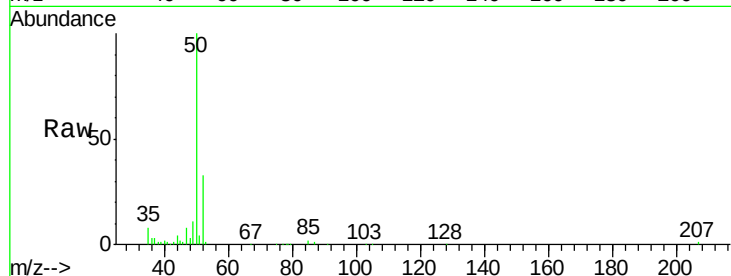
52 33.1 27.8 41.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 22.22 ug/l

RT: 2.36 min Scan# 126

Delta R.T. -0.00 min

Lab File: VW003846.D

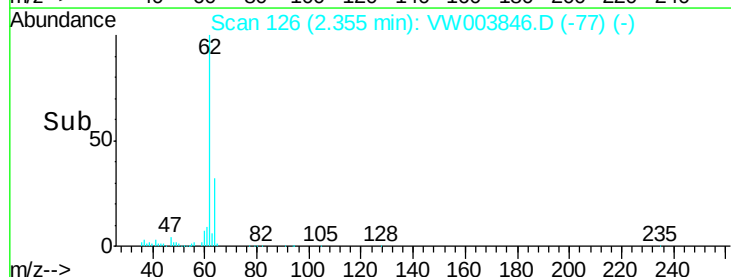
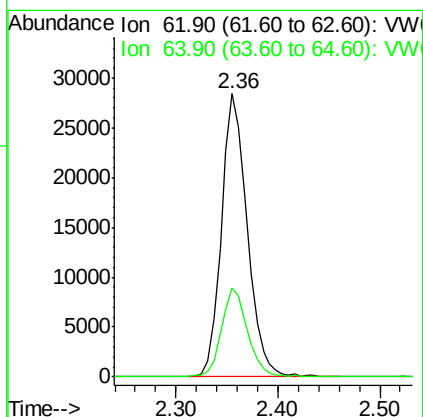
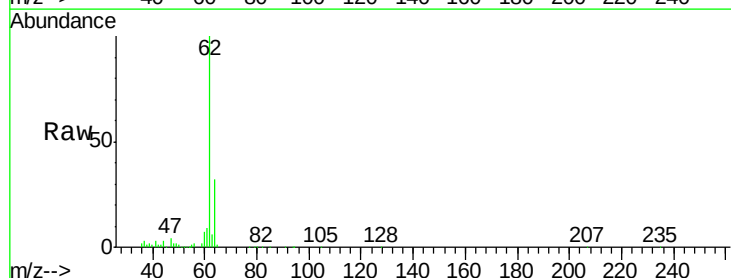
Acq: 11 Jul 2018 02:03

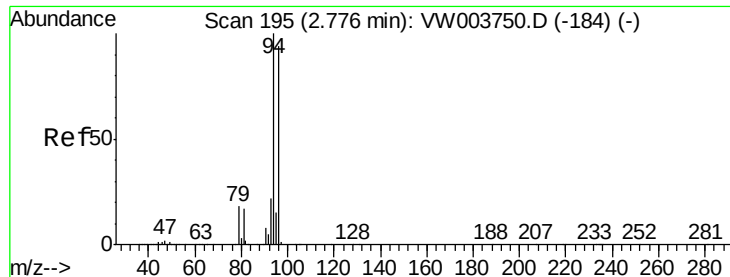
Tgt Ion: 62 Resp: 49994

Ion Ratio Lower Upper

62 100

64 31.5 25.8 38.8





#5

Bromomethane

Concen: 19.09 ug/l

RT: 2.76 min Scan# 193

Delta R.T. -0.01 min

Lab File: VW003846.D

Acq: 11 Jul 2018 02:03

Instrument :

MSVOA_W

ClientSampleId :

VW0710SBSD02

Tot Ion: 94 Resp: 30315

Ion Ratio Lower Upper

94 100

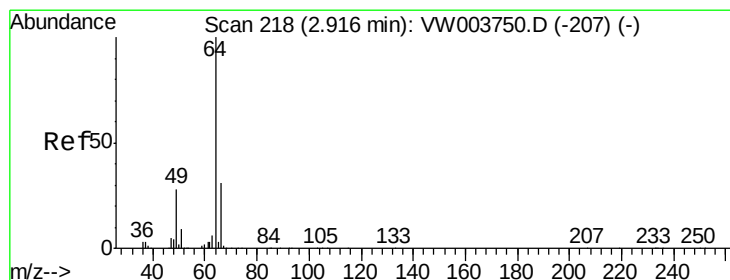
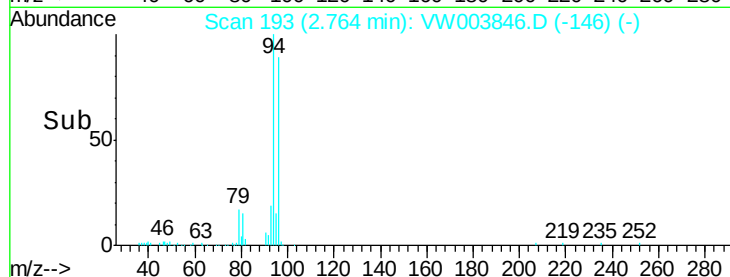
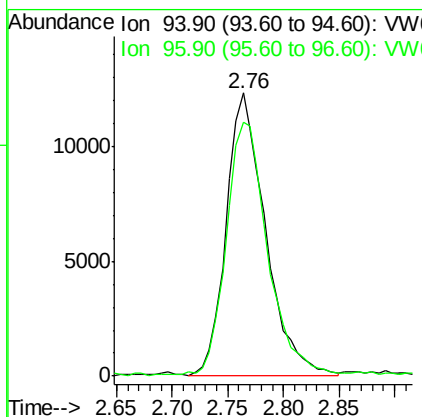
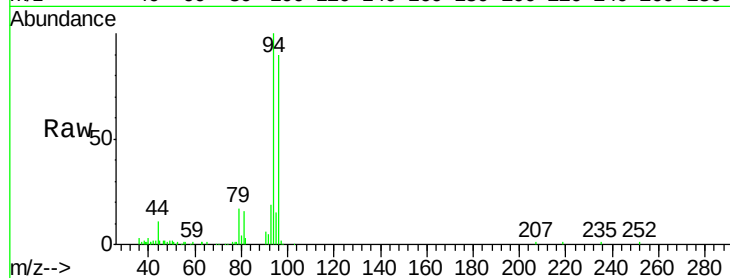
96 88.7 74.8 112.2

Manual Integrations

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#6

Chloroethane

Concen: 19.57 ug/l

RT: 2.92 min Scan# 218

Delta R.T. -0.00 min

Lab File: VW003846.D

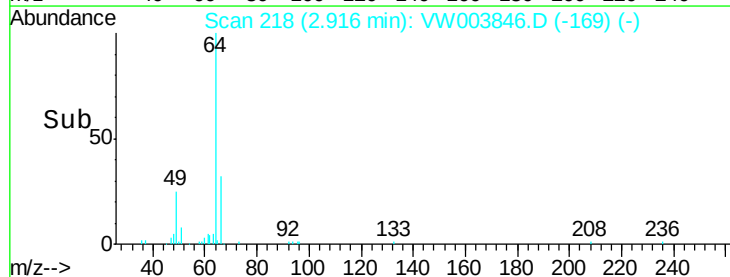
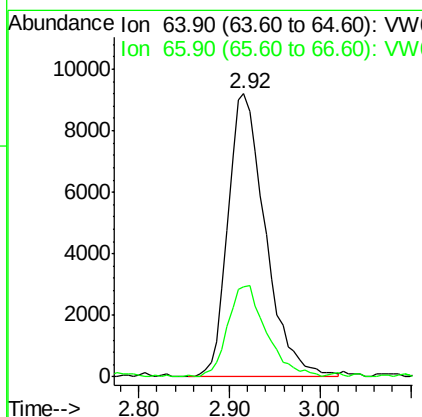
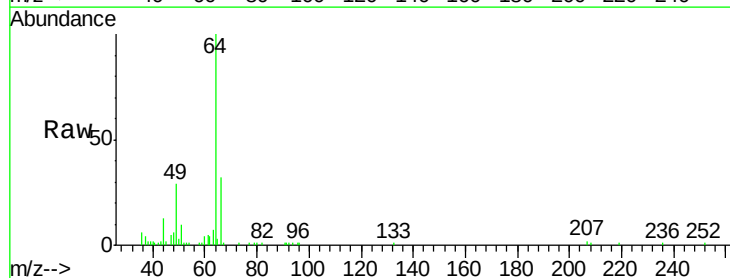
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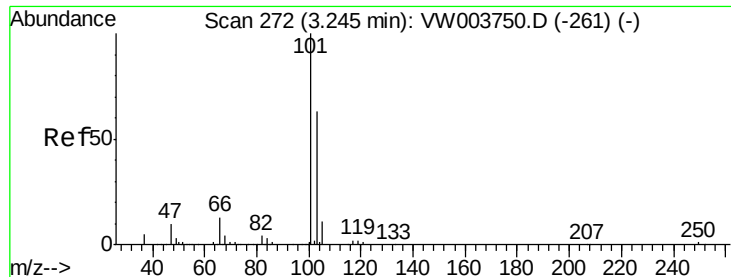
Tgt Ion: 64 Resp: 26401

Ion Ratio Lower Upper

64 100

66 31.3 25.1 37.7





#7

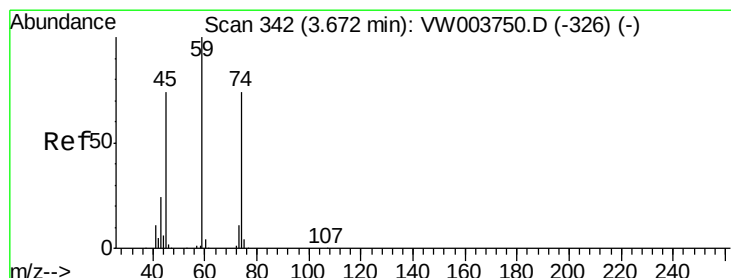
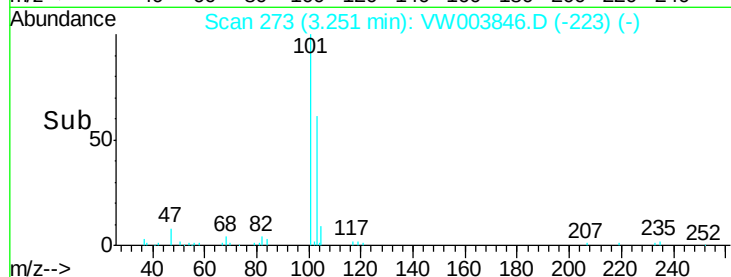
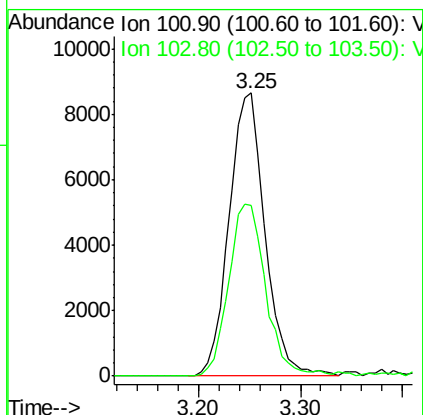
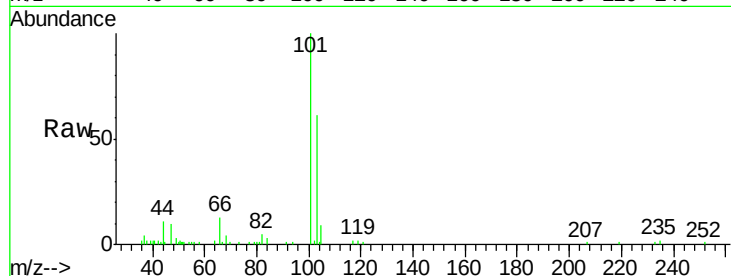
Trichlorofluoromethane
Concen: 23.21 ug/l
RT: 3.25 min Scan# 273
Delta R.T. 0.01 min
Lab File: VW003846.D
Acq: 11 Jul 2018 02:03

Instrument :
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ClientSampleId :
VW0710SBSD02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		21096		
103	60.5	50.7	76.1		

Manual Integrations
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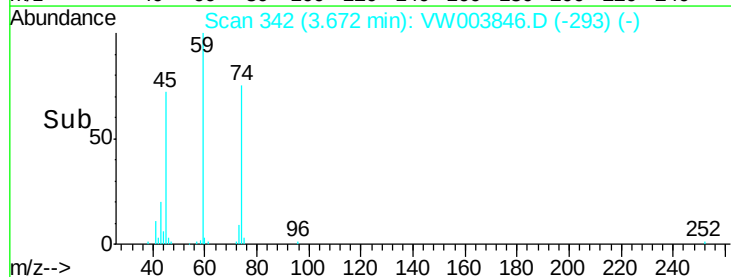
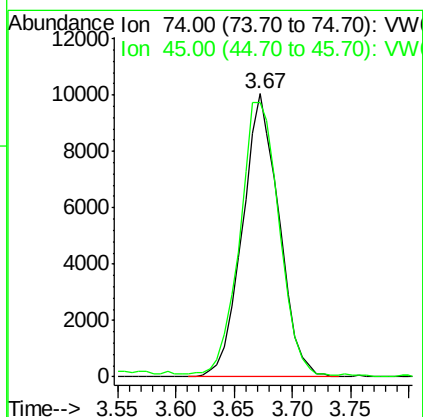
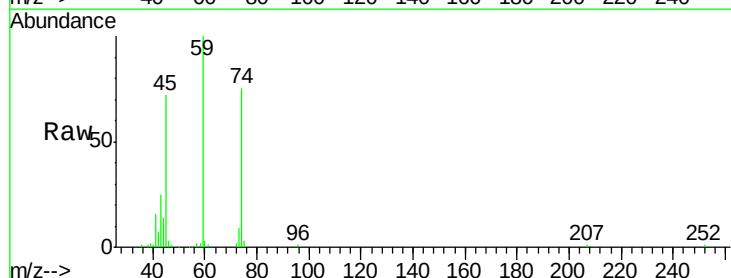
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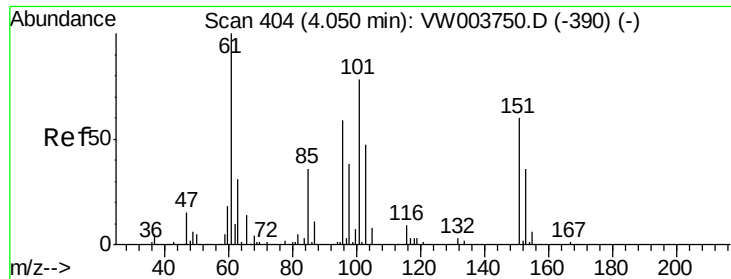


#8

Diethyl Ether
Concen: 23.61 ug/l
RT: 3.67 min Scan# 342
Delta R.T. -0.00 min
Lab File: VW003846.D
Acq: 11 Jul 2018 02:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		21994		
45	103.7	52.4	157.2		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 23.60 ug/l

RT: 4.06 min Scan# 405

Delta R.T. 0.01 min

Lab File: VW003846.D

Acq: 11 Jul 2018 02:03

Instrument :

MSVOA_W

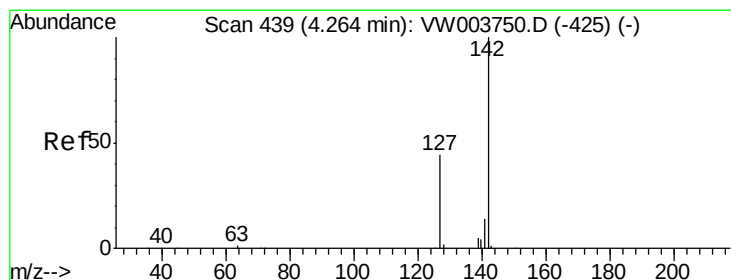
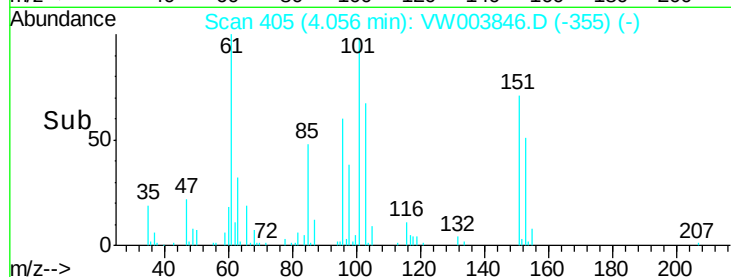
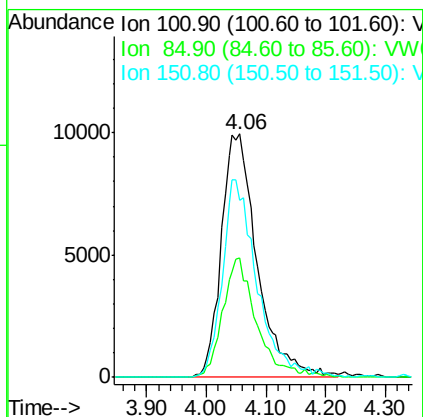
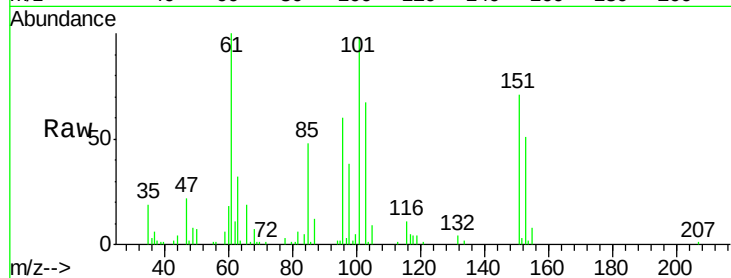
ClientSampleId :

VW0710SBSD02

Tot Ion:	101	Resp:	41722
Ion Ratio	Lower	Upper	
101	100		
85	45.0	37.1	55.7
151	77.4	62.3	93.5

Manual Integrations
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#10

Methyl Iodide

Concen: 23.52 ug/l

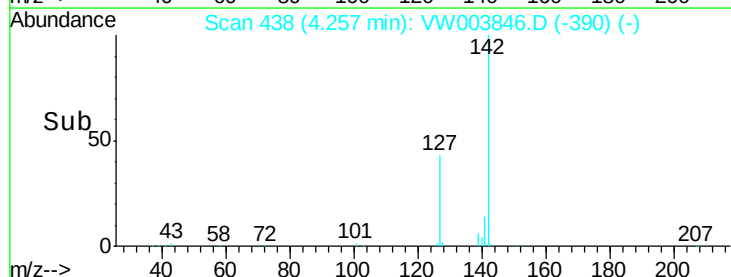
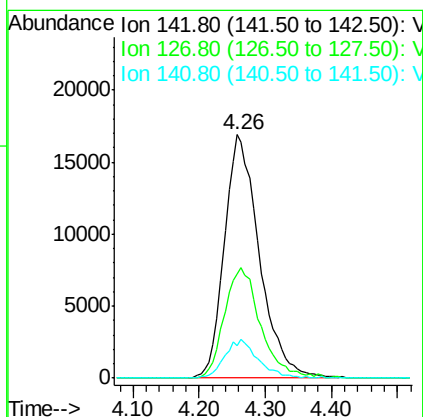
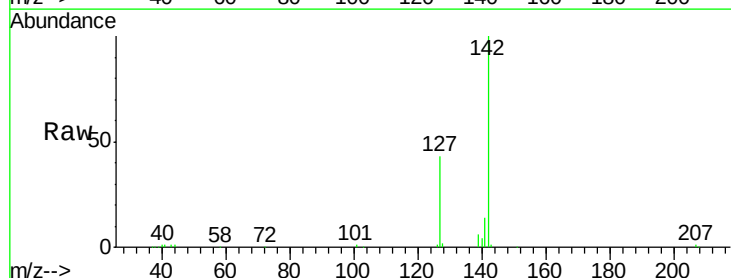
RT: 4.26 min Scan# 438

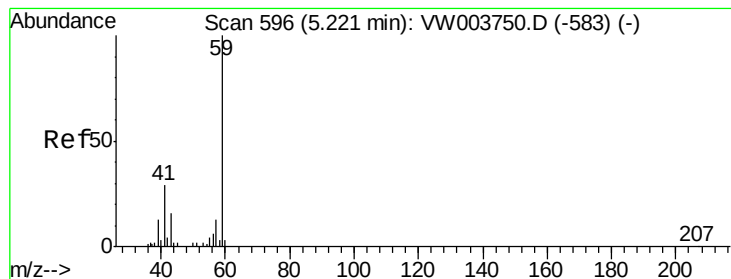
Delta R.T. -0.01 min

Lab File: VW003846.D

Acq: 11 Jul 2018 02:03

Tgt Ion:	142	Resp:	61874
Ion Ratio	Lower	Upper	
142	100		
127	46.9	36.1	54.1
141	15.2	11.6	17.4





#11

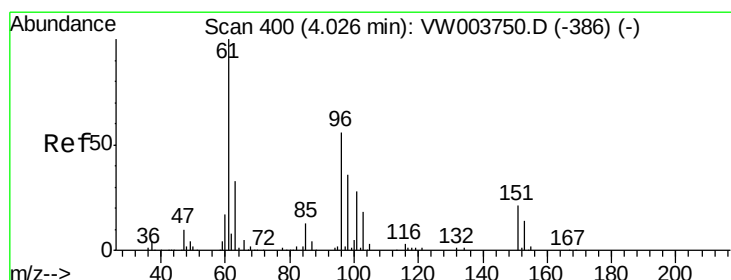
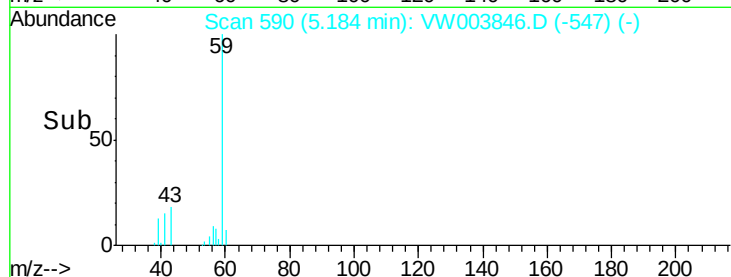
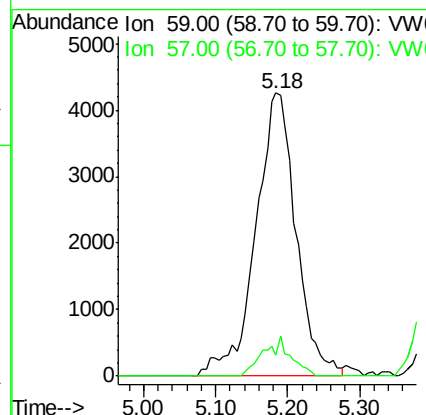
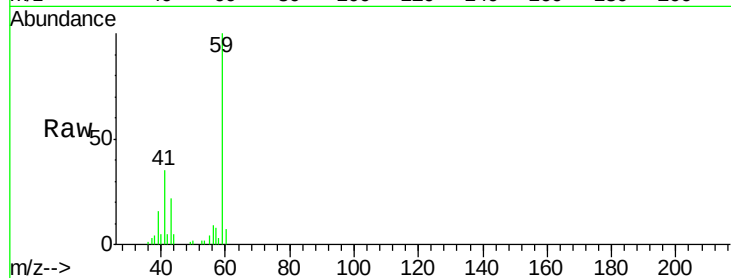
Tert butyl alcohol
Concen: 126.40 ug/l
RT: 5.18 min Scan# 590
Delta R.T. -0.04 min
Lab File: VW003846.D
Acq: 11 Jul 2018 02:03

Instrument :
MSVOA_W
ClientSampleId :
VW0710SBSD02

Tot Ion	59	Resp	16550
Ion Ratio	100	Lower	Upper
57	9.5	9.3	13.9

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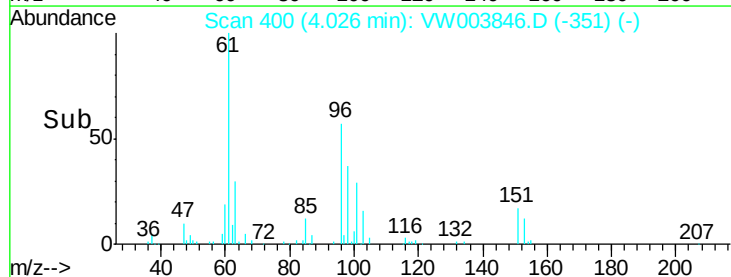
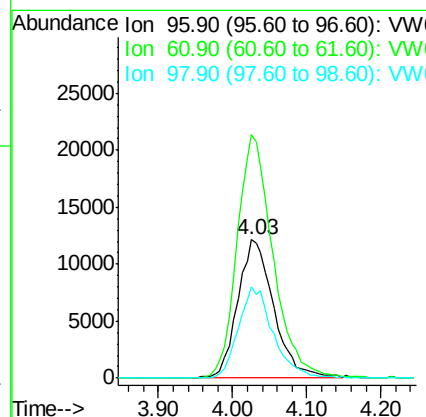
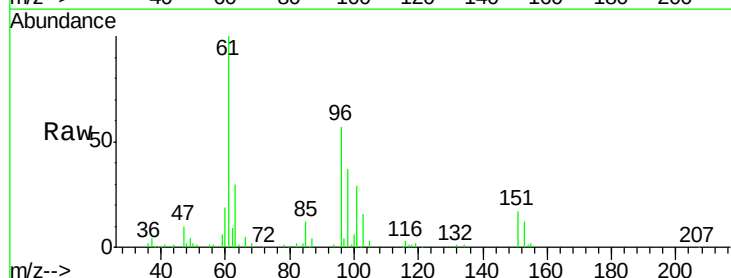
apatel
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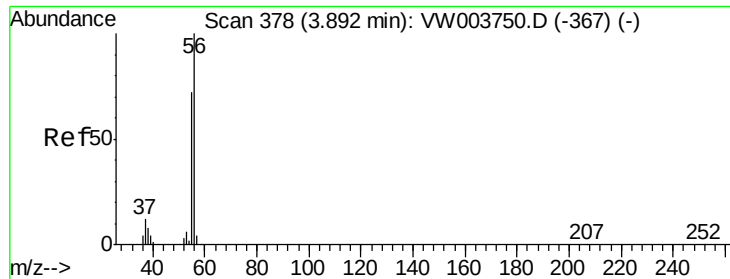


#12

1,1-Dichloroethene
Concen: 23.78 ug/l
RT: 4.03 min Scan# 400
Delta R.T. -0.00 min
Lab File: VW003846.D
Acq: 11 Jul 2018 02:03

Tgt Ion	96	Resp	41275
Ion Ratio	100	Lower	Upper
61	176.3	143.2	214.8
98	66.0	51.4	77.0





#13

Acrolein

Concen: 90.79 ug/l

RT: 3.89 min Scan# 377

Delta R.T. -0.01 min

Lab File: VW003846.D

Acq: 11 Jul 2018 02:03

Instrument :

MSVOA_W

ClientSampleId :

VW0710SBSD02

Tot Ion: 56 Resp: 17766

Ion Ratio Lower Upper

56 100

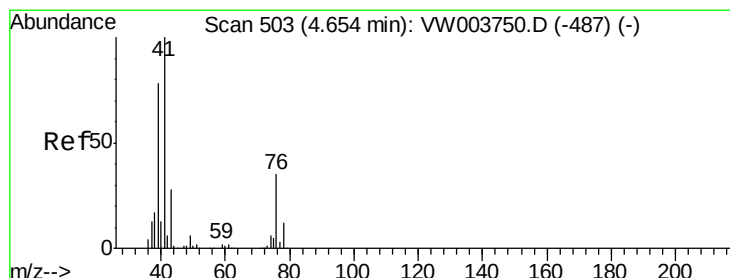
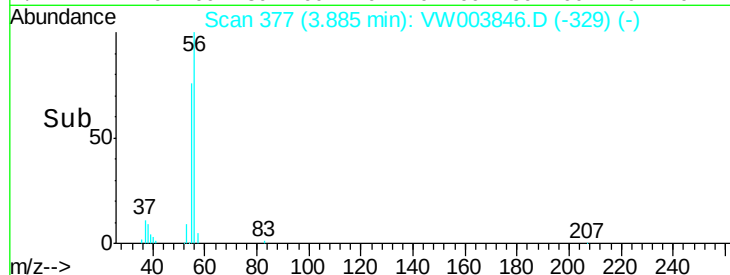
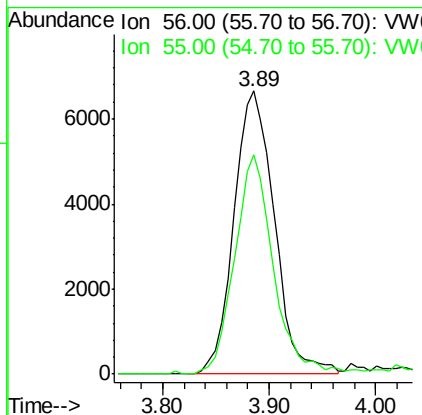
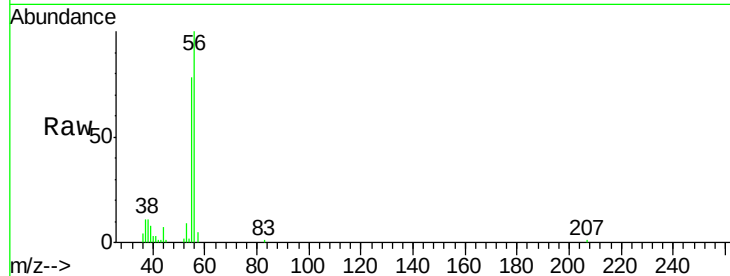
55 74.0 57.5 86.3

Manual Integrations

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#14

Allyl chloride

Concen: 22.82 ug/l

RT: 4.65 min Scan# 503

Delta R.T. -0.00 min

Lab File: VW003846.D

Acq: 11 Jul 2018 02:03

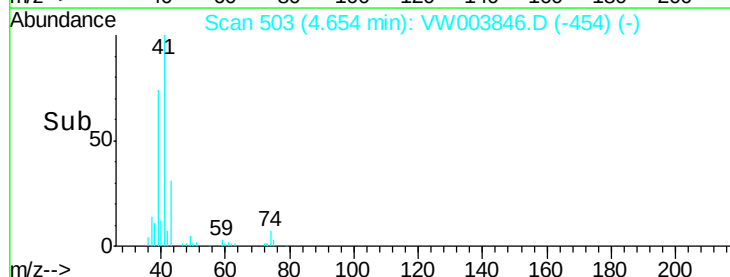
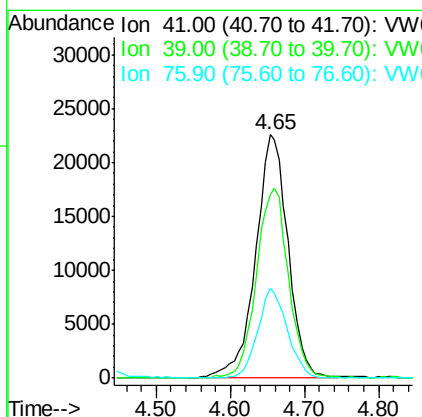
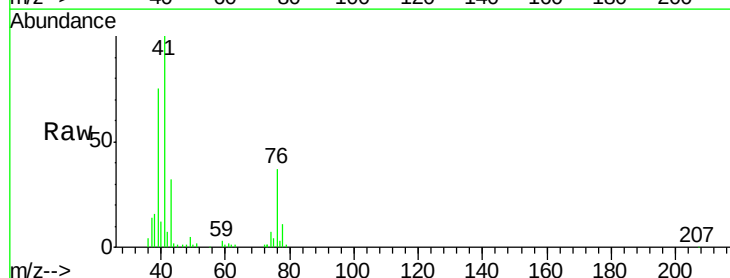
Tgt Ion: 41 Resp: 68860

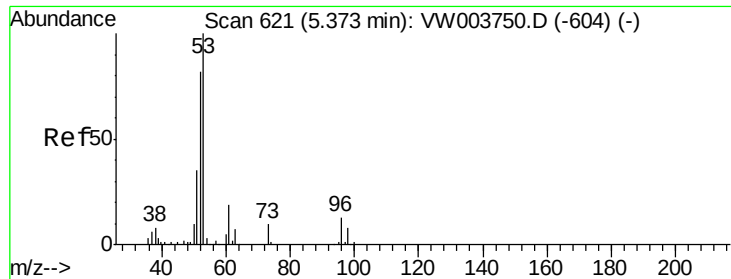
Ion Ratio Lower Upper

41 100

39 77.2 60.9 91.3

76 33.5 27.5 41.3





#15

Acrylonitrile

Concen: 117.97 ug/l

RT: 5.37 min Scan# 620

Delta R.T. -0.01 min

Lab File: VW003846.D

Acq: 11 Jul 2018 02:03

Instrument :

MSVOA_W

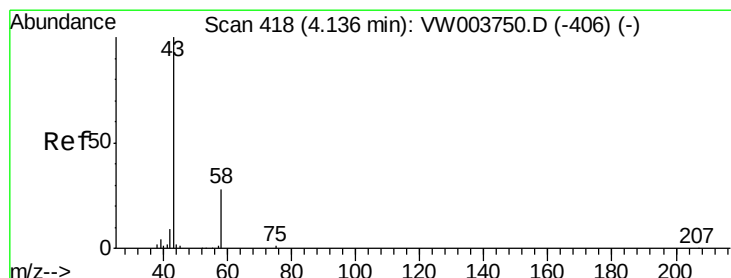
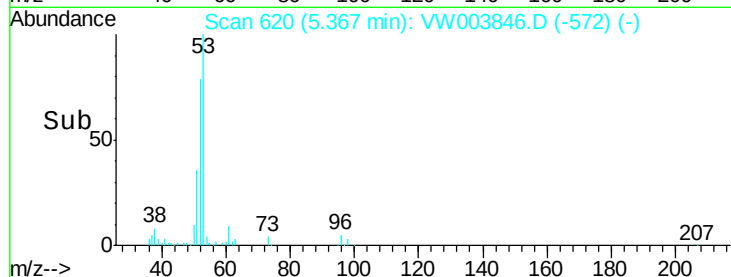
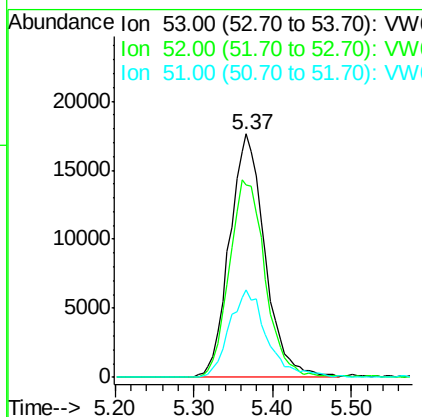
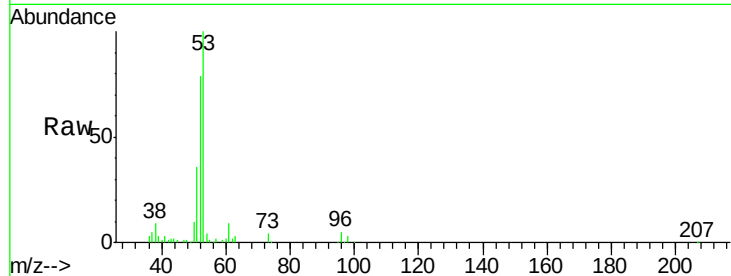
ClientSampleId :

VW0710SBSD02

Tot Ion:	53	Resp:	55029
Ion	Ratio	Lower	Upper
53	100		
52	82.0	66.2	99.2
51	38.0	30.2	45.4

Manual Integrations
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#16

Acetone

Concen: 116.53 ug/l

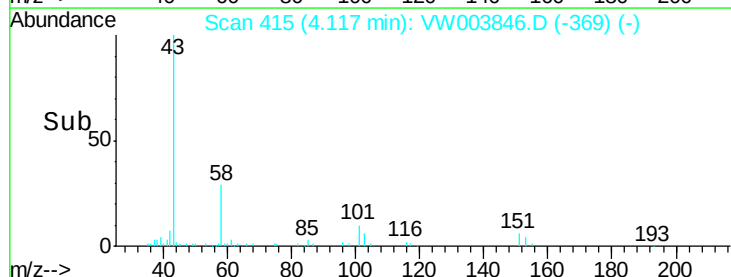
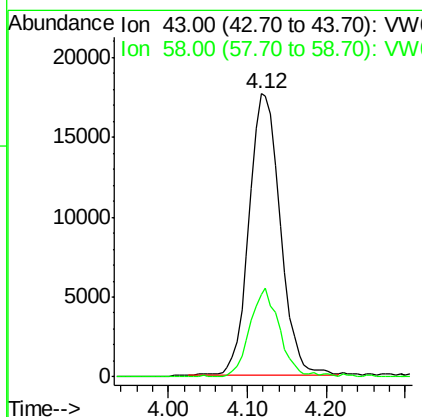
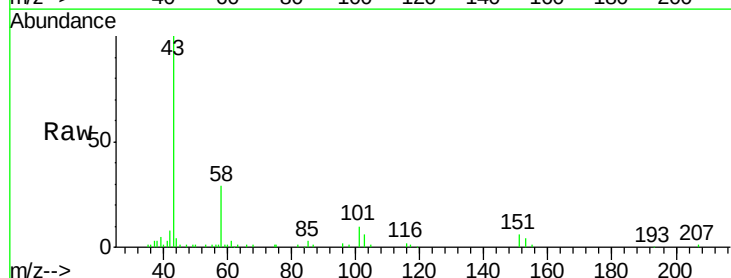
RT: 4.12 min Scan# 415

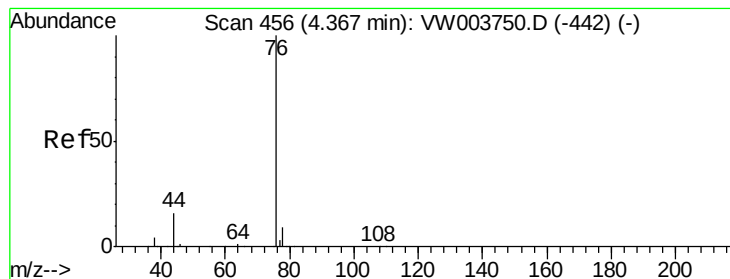
Delta R.T. -0.02 min

Lab File: VW003846.D

Acq: 11 Jul 2018 02:03

Tgt Ion:	43	Resp:	48850
Ion	Ratio	Lower	Upper
43	100		
58	29.4	22.6	34.0





#17

Carbon Disulfide

Concen: 23.00 ug/l

RT: 4.37 min Scan# 456

Delta R.T. -0.00 min

Lab File: VW003846.D

Acq: 11 Jul 2018 02:03

Instrument :

MSVOA_W

ClientSampleId :

VW0710SBSD02

Tot Ion: 76 Resp: 130870

Ion Ratio Lower Upper

76 100

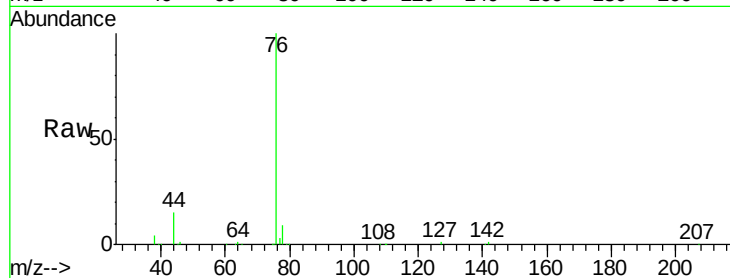
78 9.5 7.4 11.2

Manual Integrations

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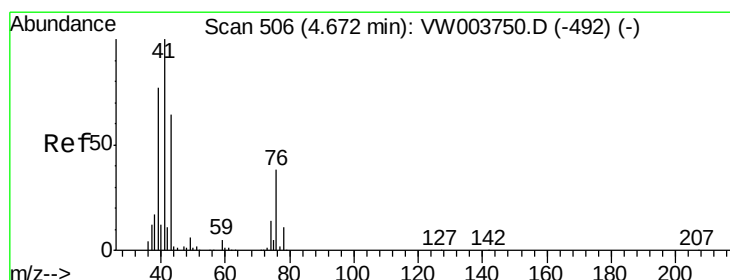
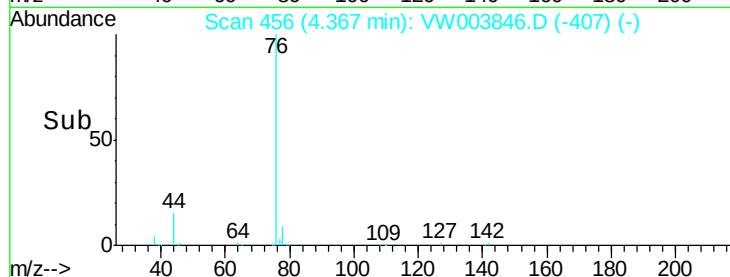
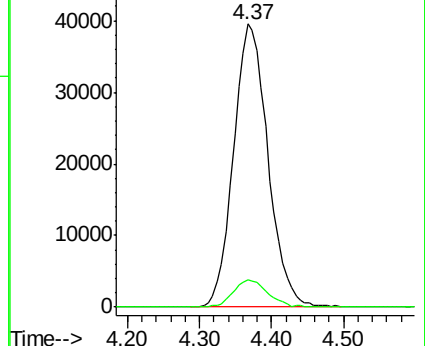
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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 23.20 ug/l

RT: 4.67 min Scan# 505

Delta R.T. -0.01 min

Lab File: VW003846.D

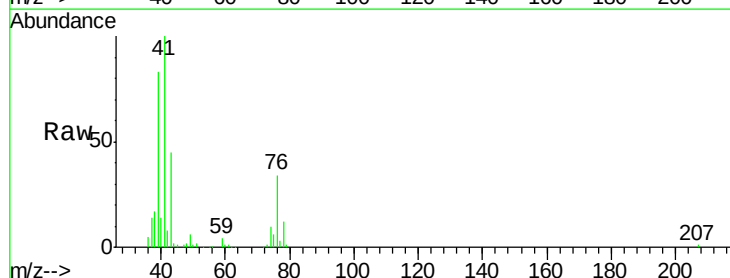
Acq: 11 Jul 2018 02:03

Tgt Ion: 43 Resp: 27414

Ion Ratio Lower Upper

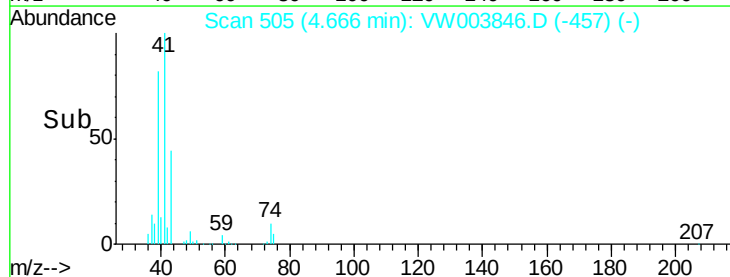
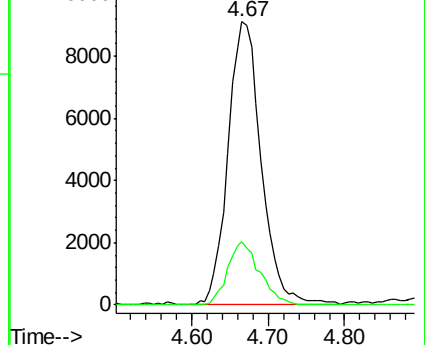
43 100

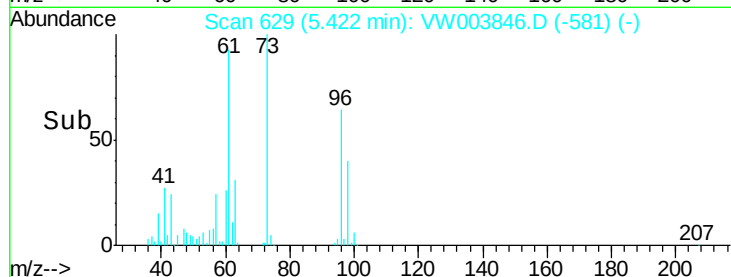
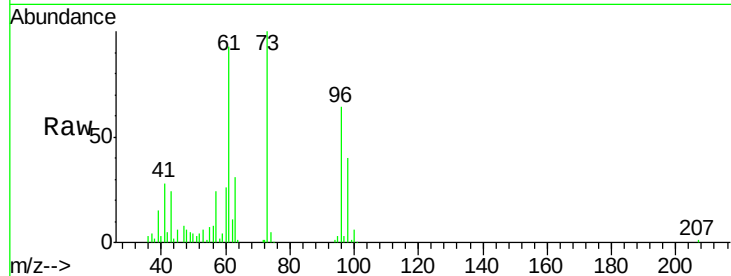
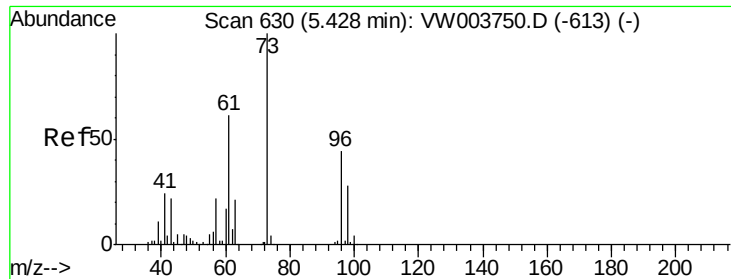
74 21.3 17.3 25.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW





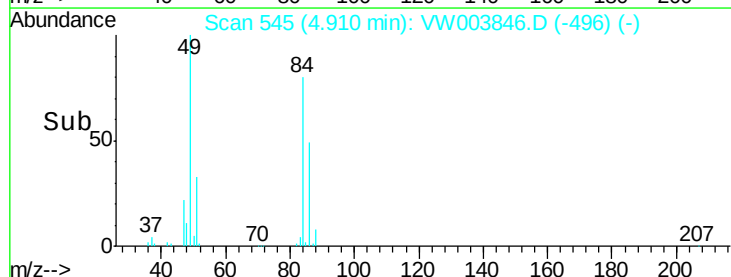
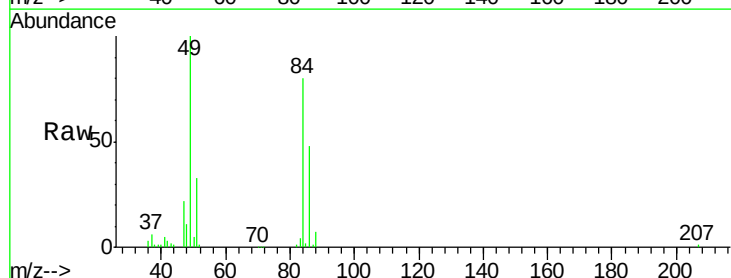
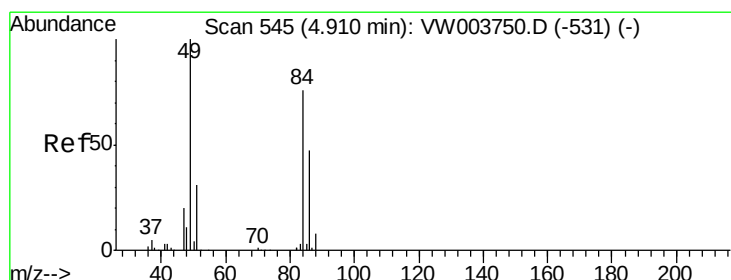
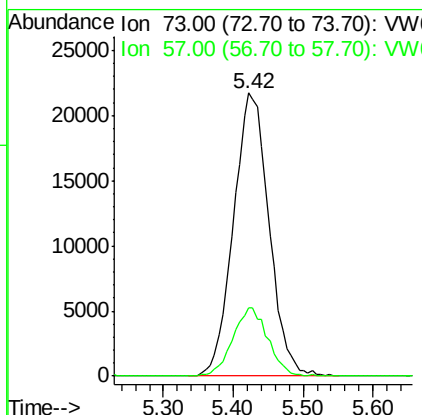
#19
Methyl tert-butyl Ether
Concen: 21.41 ug/l
RT: 5.42 min Scan# 629
Delta R.T. -0.01 min
Lab File: VW003846.D
Acq: 11 Jul 2018 02:03

Tot Ion: 73 Resp: 76795
Ion Ratio Lower Upper
73 100
57 24.1 17.9 26.9

Instrument :
MSVOA_W
ClientSampleId :
VW0710SBSD02

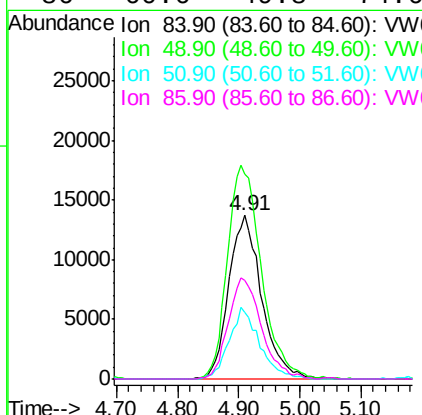
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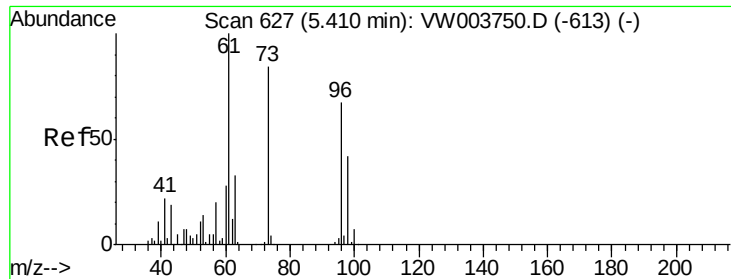
apatel
7/11/2018 1:00:19 PM



#20
Methylene Chloride
Concen: 22.47 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003846.D
Acq: 11 Jul 2018 02:03

Tgt Ion: 84 Resp: 50842
Ion Ratio Lower Upper
84 100
49 125.5 105.1 157.7
51 41.1 32.5 48.7
86 60.6 49.8 74.6





#21

trans-1,2-Dichloroethene

Concen: 22.07 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.01 min

Lab File: VW003846.D

Acq: 11 Jul 2018 02:03

Instrument :

MSVOA_W

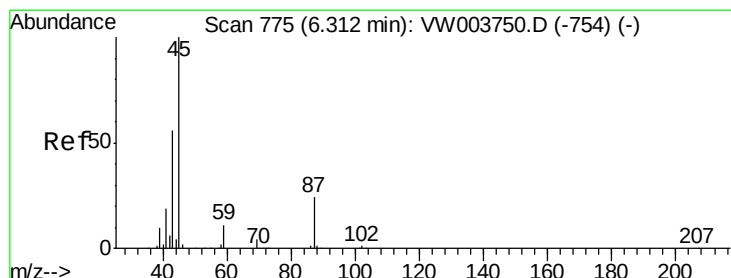
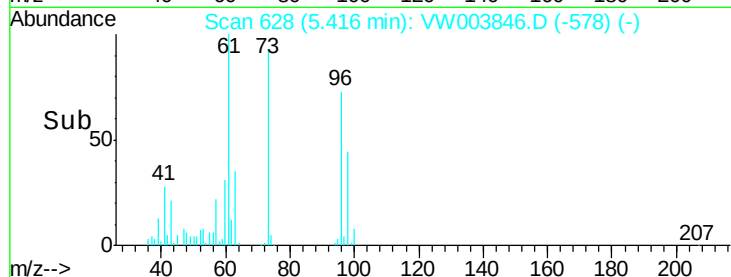
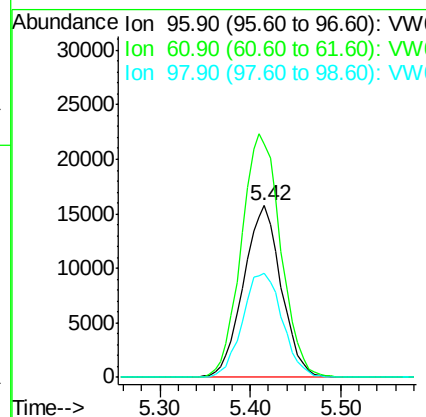
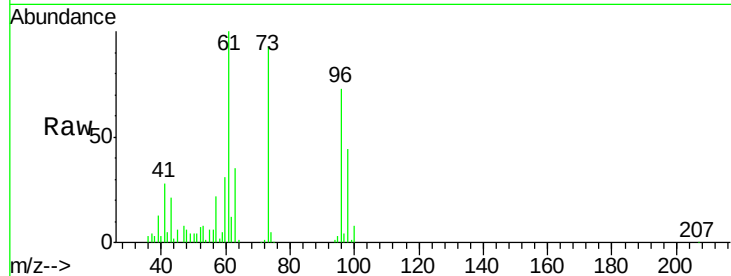
ClientSampleId :

VW0710SBSD02

Tot Ion:	96	Resp:	45352
Ion	Ratio	Lower	Upper
96	100		
61	136.1	119.0	178.6
98	60.5	49.8	74.8

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#22

Diisopropyl ether

Concen: 21.86 ug/l

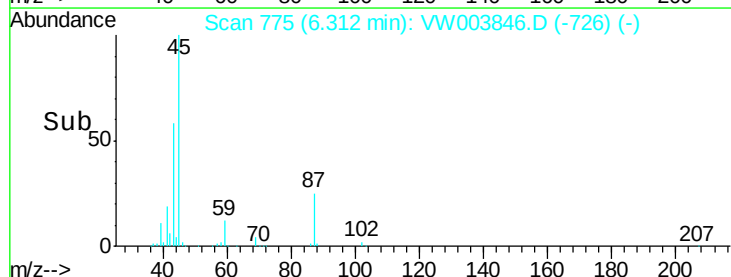
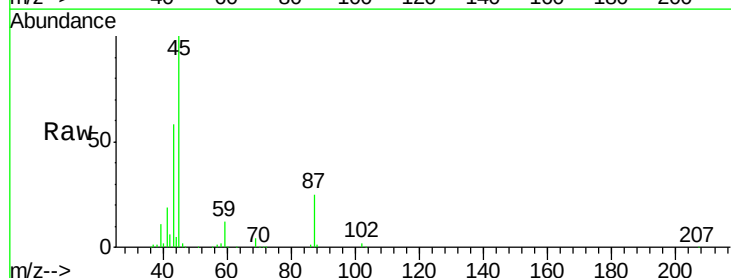
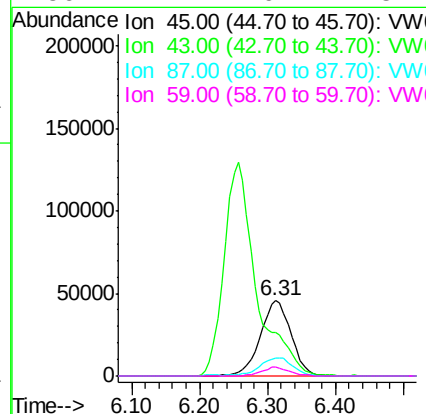
RT: 6.31 min Scan# 775

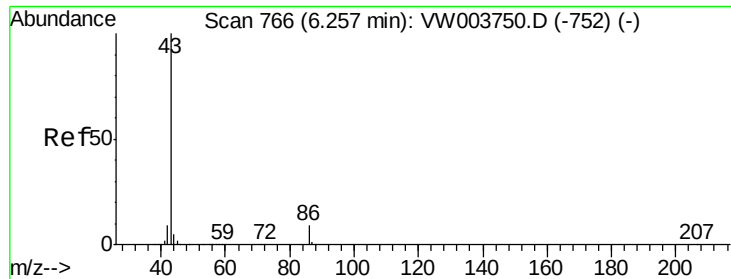
Delta R.T. -0.00 min

Lab File: VW003846.D

Acq: 11 Jul 2018 02:03

Tgt Ion:	45	Resp:	145009
Ion	Ratio	Lower	Upper
45	100		
43	58.0	44.5	66.7
87	24.5	19.6	29.4
59	12.2	9.1	13.7





#23

Vinyl Acetate

Concen: 105.36 ug/l

RT: 6.26 min Scan# 766

Delta R.T. -0.00 min

Lab File: VW003846.D

Acq: 11 Jul 2018 02:03

Instrument :

MSVOA_W

ClientSampleId :

VW0710SBSD02

Tot Ion: 43 Resp: 426667

Ion Ratio Lower Upper

43 100

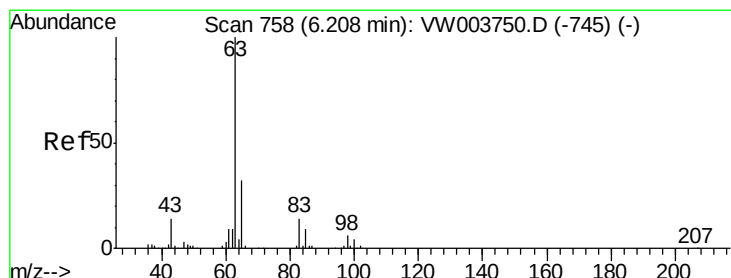
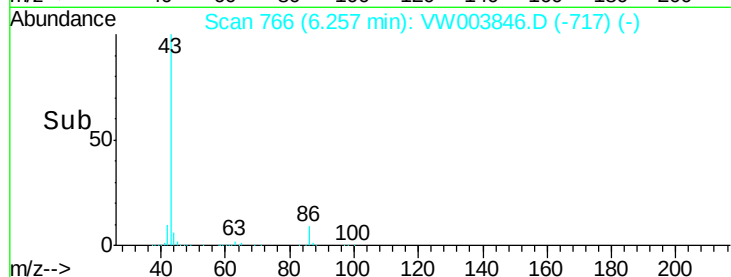
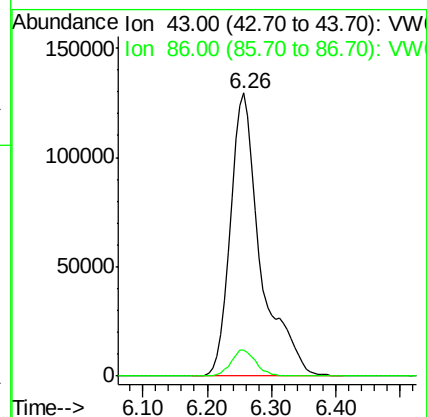
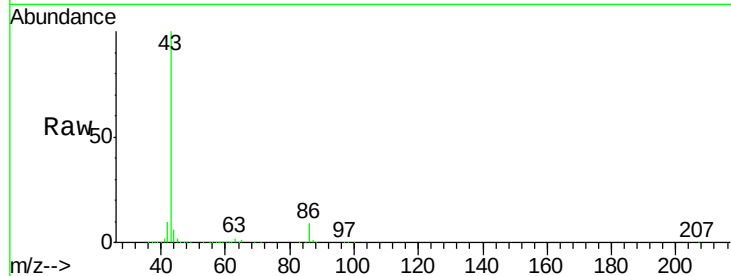
86 9.0 7.3 10.9

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 21.70 ug/l

RT: 6.21 min Scan# 758

Delta R.T. -0.00 min

Lab File: VW003846.D

Acq: 11 Jul 2018 02:03

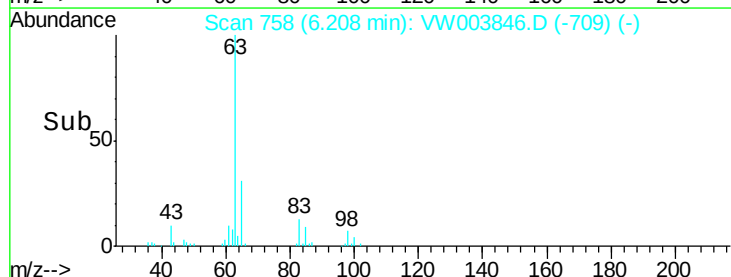
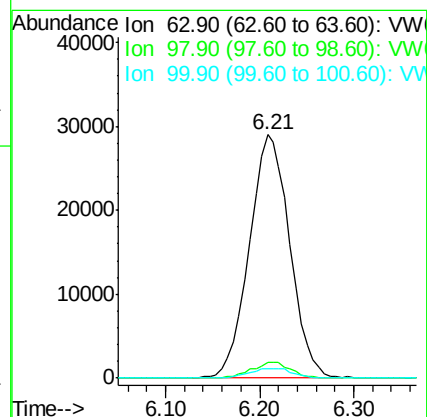
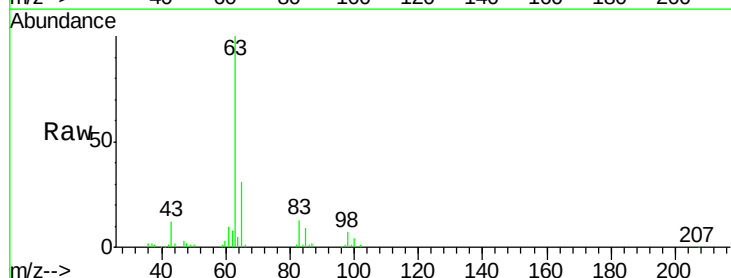
Tgt Ion: 63 Resp: 87069

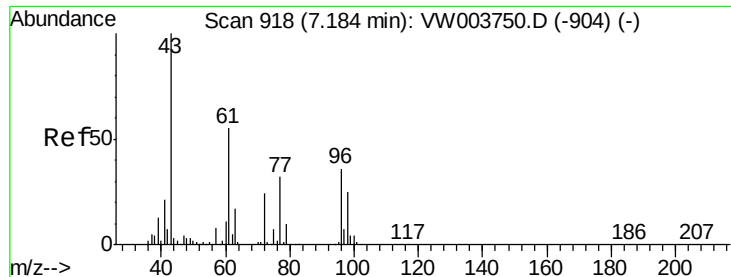
Ion Ratio Lower Upper

63 100

98 6.5 3.2 9.6

100 4.1 2.1 6.2





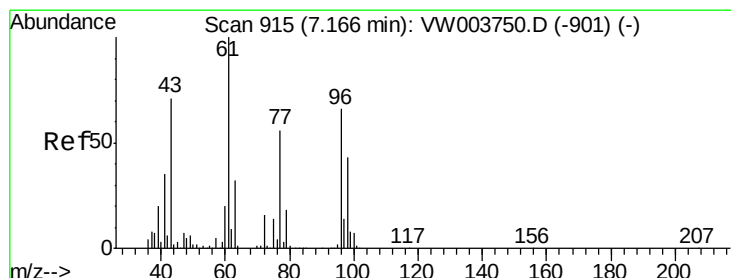
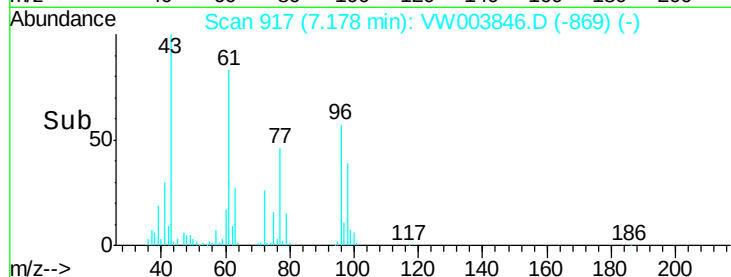
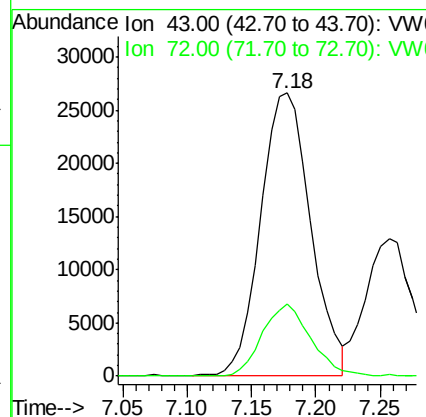
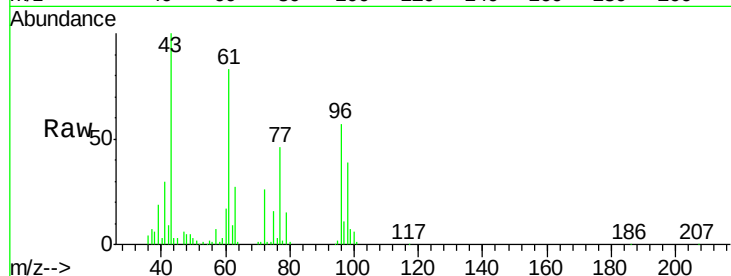
#25
2-Butanone
Concen: 109.61 ug/l
RT: 7.18 min Scan# 917
Delta R.T. -0.01 min
Lab File: VW003846.D
Acq: 11 Jul 2018 02:03

Instrument :
MSVOA_W
ClientSampleId :
VW0710SBSD02

Tot Ion: 43 Resp: 71965
Ion Ratio Lower Upper
43 100
72 25.7 19.4 29.2

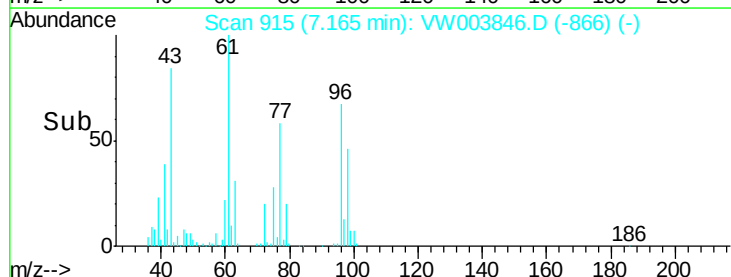
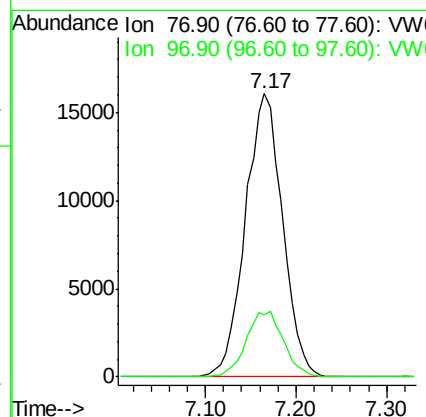
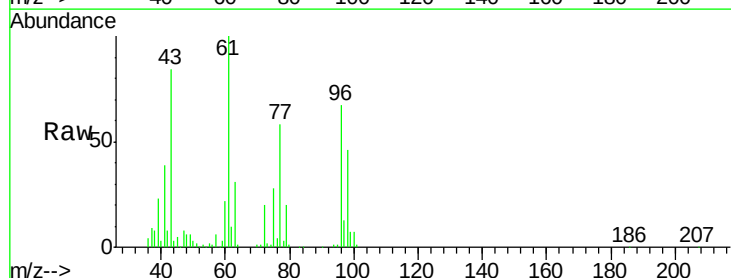
Manual Integrations
APPROVED

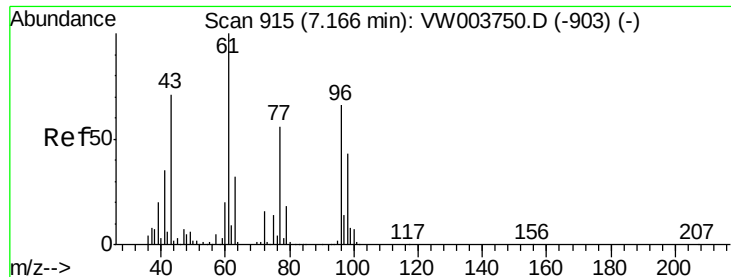
apatel
7/11/2018 1:00:19 PM



#26
2,2-Dichloropropane
Concen: 20.95 ug/l
RT: 7.17 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW003846.D
Acq: 11 Jul 2018 02:03

Tgt Ion: 77 Resp: 45583
Ion Ratio Lower Upper
77 100
97 23.3 11.5 34.5





#27

cis-1,2-Dichloroethene

Concen: 21.11 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW003846.D

Acq: 11 Jul 2018 02:03

Instrument :

MSVOA_W

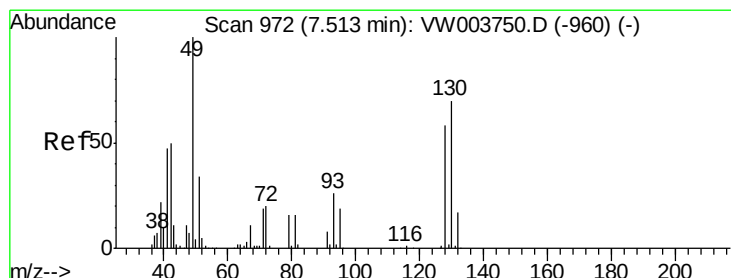
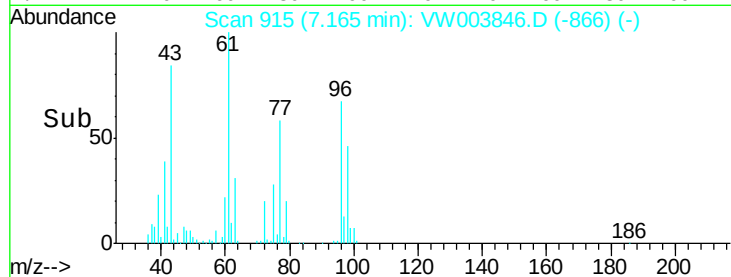
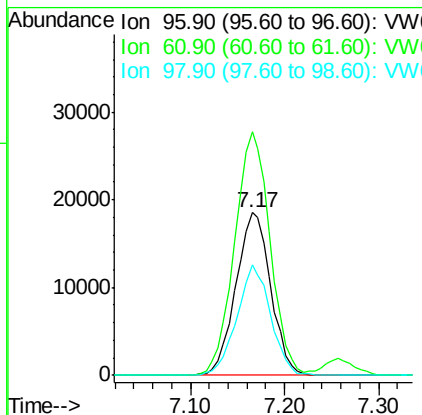
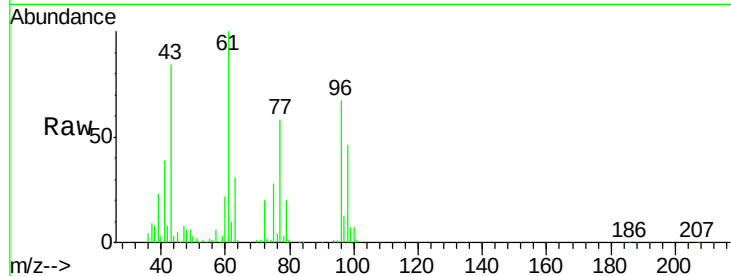
ClientSampleId :

VW0710SBSD02

Tot Ion:	96	Resp:	47964
Ion	Ratio	Lower	Upper
96	100		
61	151.6	0.0	300.8
98	65.6	0.0	128.6

Manual Integrations
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#28

Bromochloromethane

Concen: 21.67 ug/l

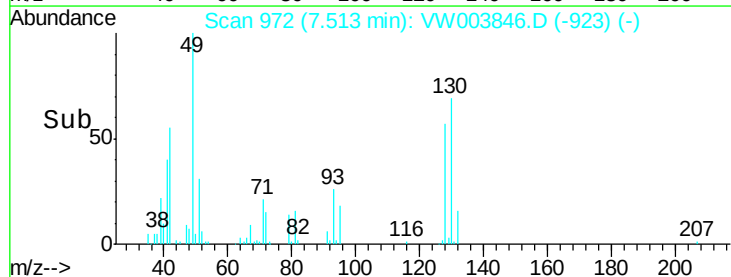
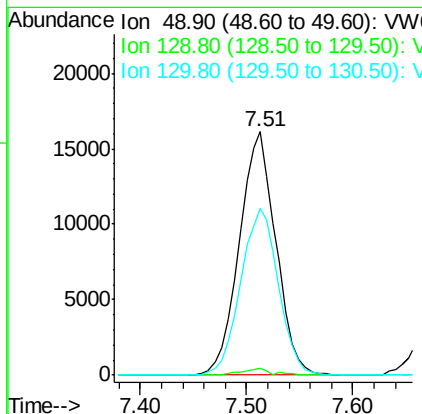
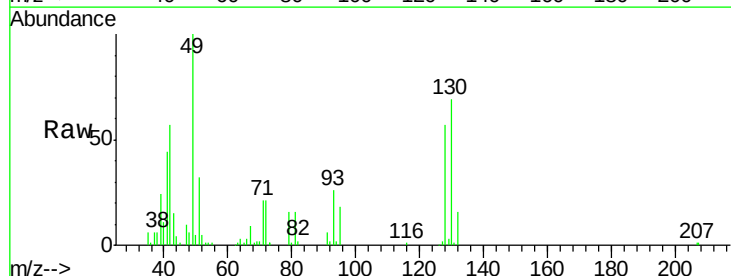
RT: 7.51 min Scan# 972

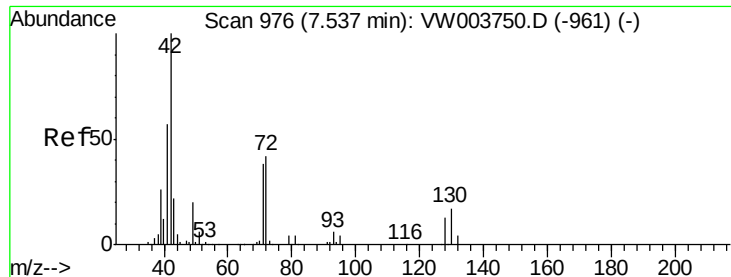
Delta R.T. -0.00 min

Lab File: VW003846.D

Acq: 11 Jul 2018 02:03

Tgt Ion:	49	Resp:	38737
Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	4.4
130	70.8	56.9	85.3





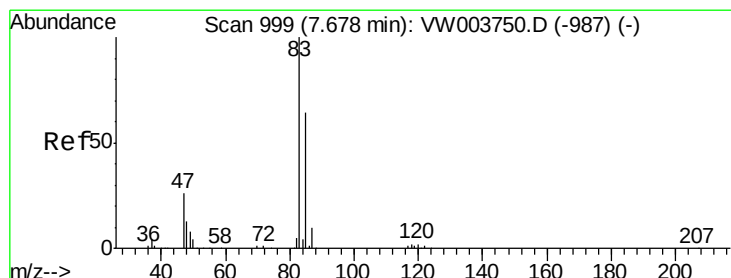
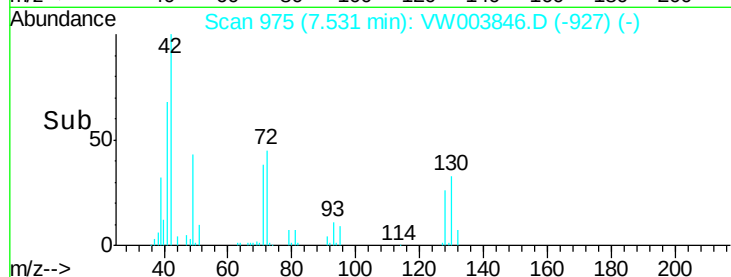
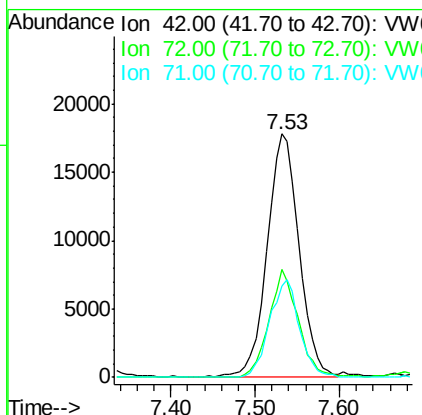
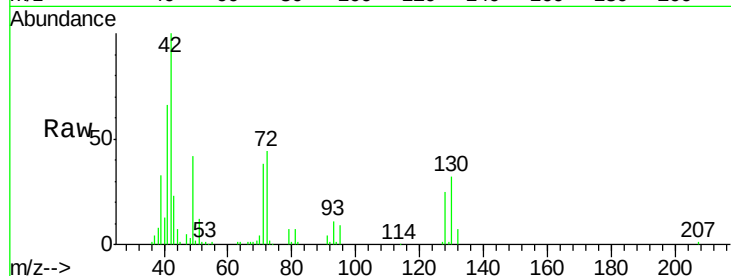
#29
Tetrahydrofuran
Concen: 110.73 ug/l
RT: 7.53 min Scan# 975
Delta R.T. -0.01 min
Lab File: VW003846.D
Acq: 11 Jul 2018 02:03

Instrument :
MSVOA_W
ClientSampleId :
VW0710SBSD02

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.5	31.8	47.8
71	37.5	30.3	45.5

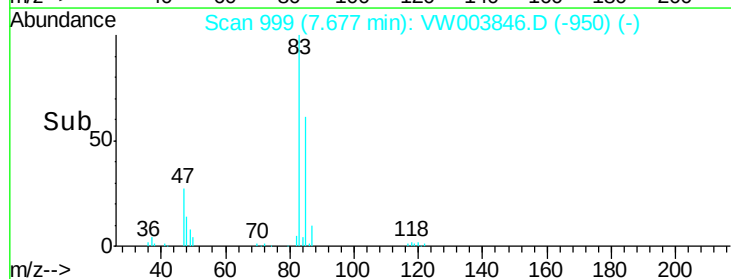
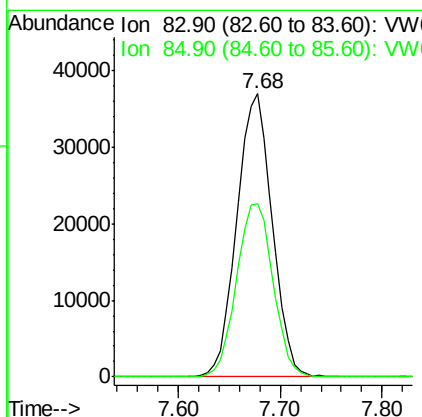
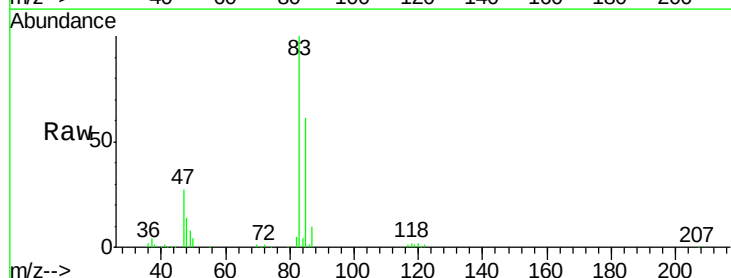
Manual Integrations
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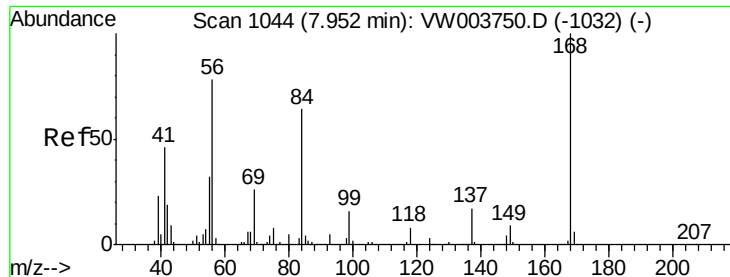
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#30
Chloroform
Concen: 21.74 ug/l
RT: 7.68 min Scan# 999
Delta R.T. -0.00 min
Lab File: VW003846.D
Acq: 11 Jul 2018 02:03

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.3	51.5	77.3





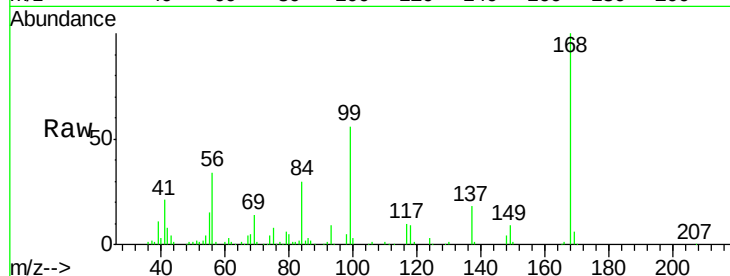
#31
Cyclohexane
Concen: 21.44 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.00 min
Lab File: VW003846.D
Acq: 11 Jul 2018 02:03

Instrument :
MSVOA_W
ClientSampled :
VW0710SBS02

Tot Ion	Ratio	Lower	Upper
56	100		
69	40.6	26.2	39.4#
84	86.1	65.5	98.3

Manual Integrations
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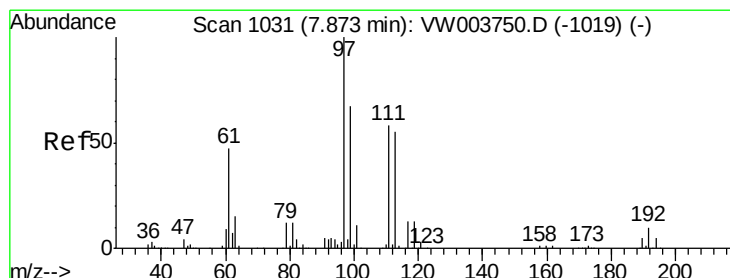
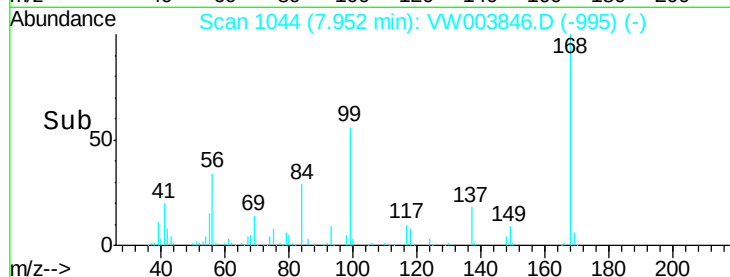
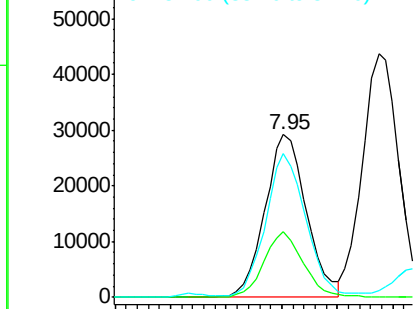


Abundance

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



#32
1,1,1-Trichloroethane
Concen: 21.84 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VW003846.D
Acq: 11 Jul 2018 02:03

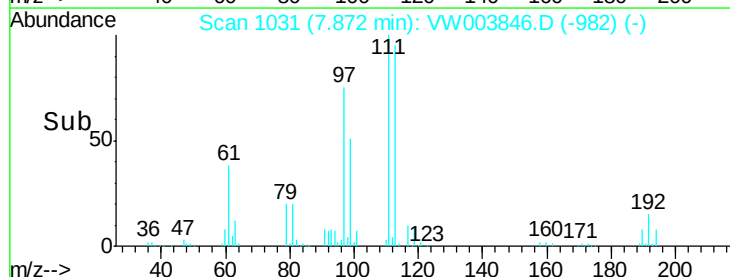
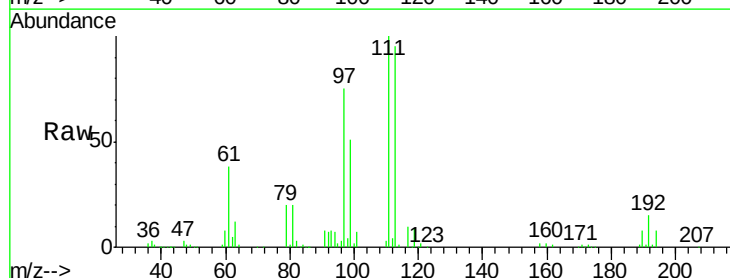
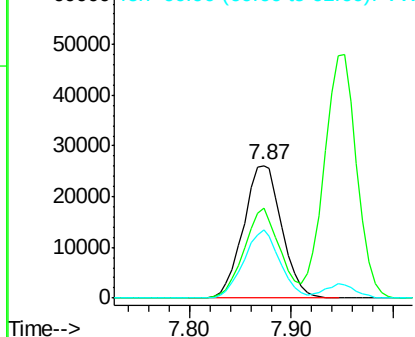
Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.2	76.8
61	48.7	37.6	56.4

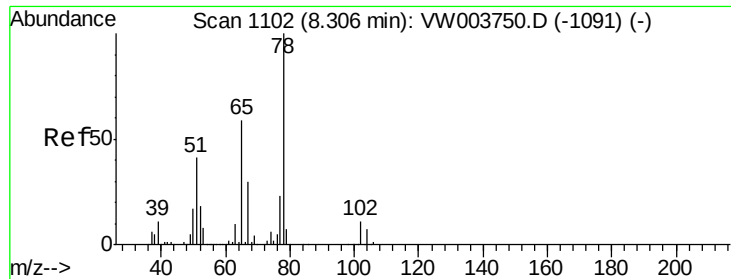
Abundance

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





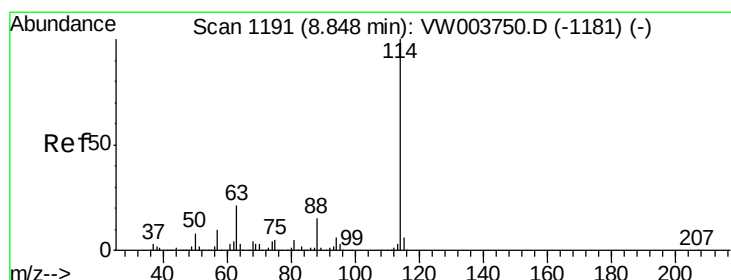
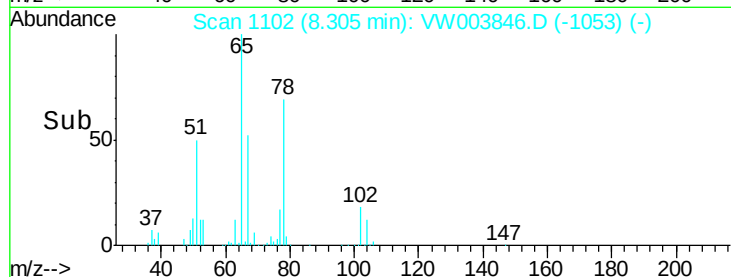
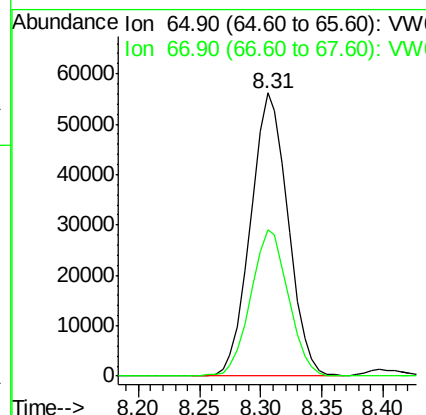
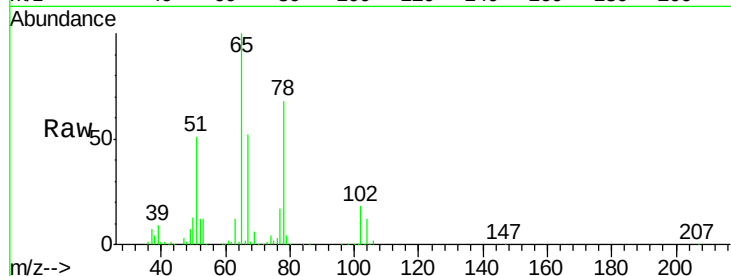
#33
 1,2-Dichloroethane-d4
 Concen: 49.51 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: VW003846.D
 Acq: 11 Jul 2018 02:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0710SBSD02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	119623		
67	52.0	0.0	103.8	

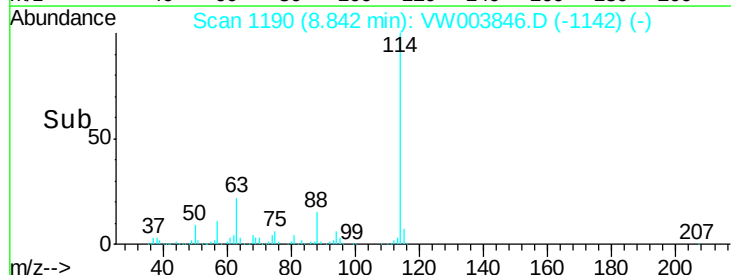
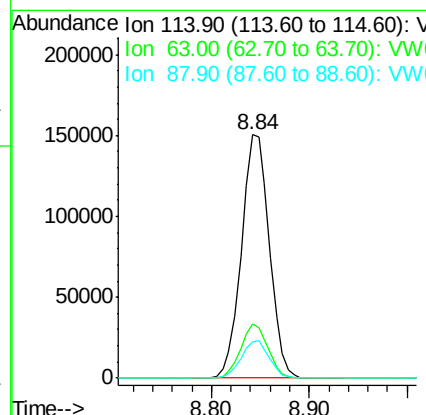
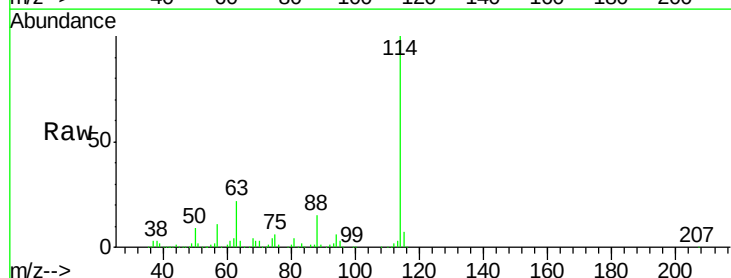
Manual Integrations
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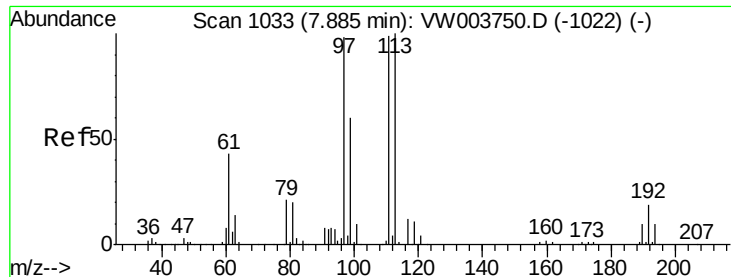
apatel
 7/11/2018 1:00:19 PM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.84 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: VW003846.D
 Acq: 11 Jul 2018 02:03

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	296903		
63	22.2	0.0	41.8	
88	15.1	0.0	30.2	





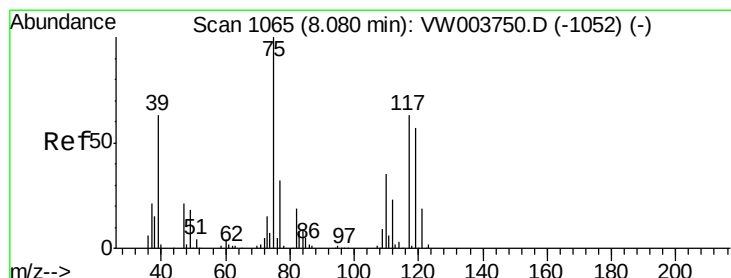
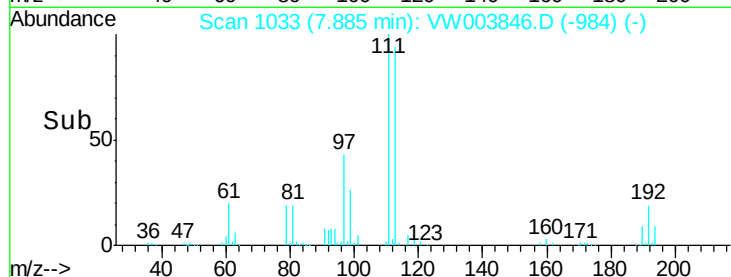
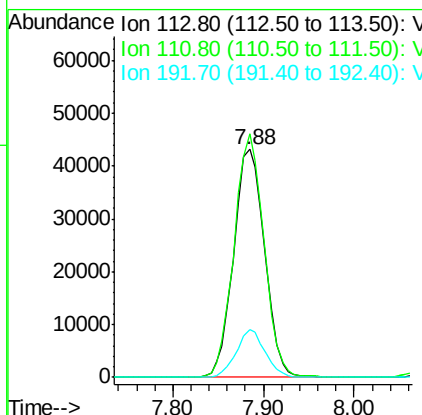
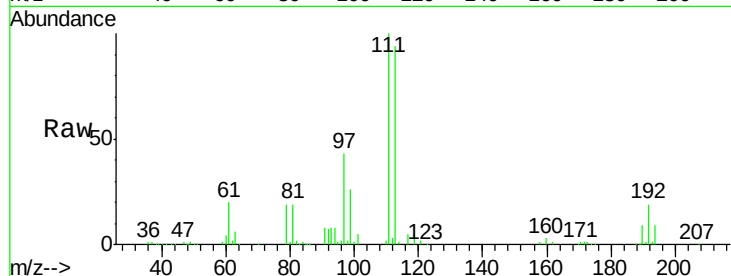
#35
 Dibromofluoromethane
 Concen: 49.32 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW003846.D
 Acq: 11 Jul 2018 02:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0710SBS02

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	103.1	81.7	122.5	
192	19.4	15.8	23.8	

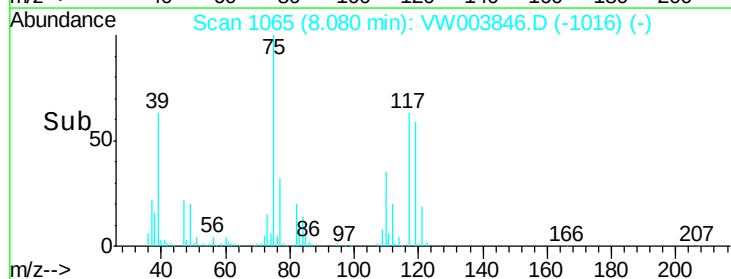
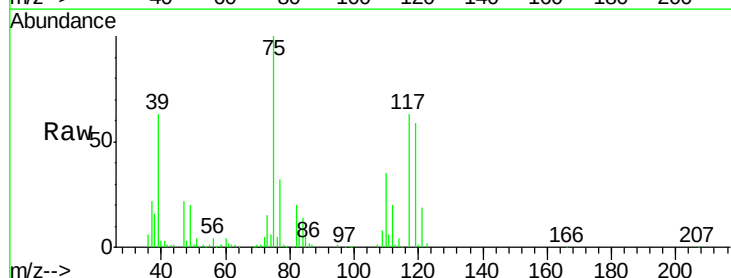
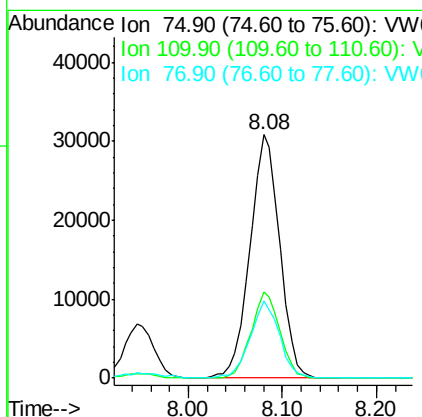
Manual Integrations
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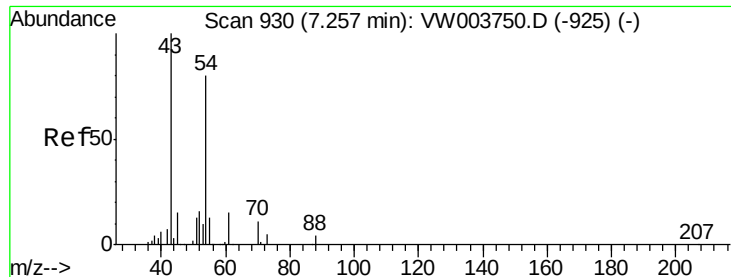
apatel
 7/11/2018 1:00:19 PM



#36
 1,1-Dichloropropene
 Concen: 21.69 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: VW003846.D
 Acq: 11 Jul 2018 02:03

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	34.3	16.9	50.6	
77	31.3	24.8	37.2	





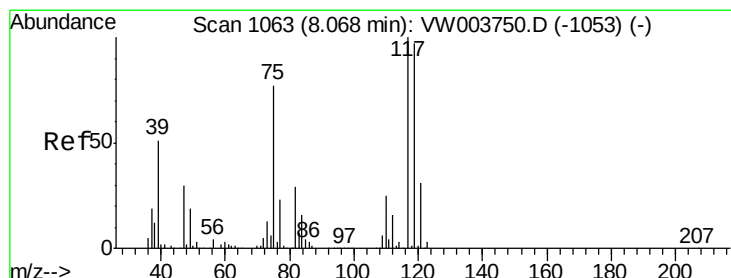
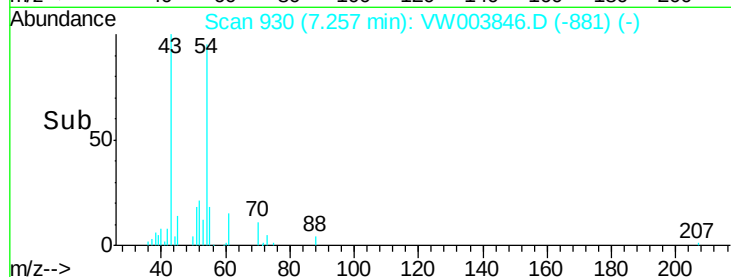
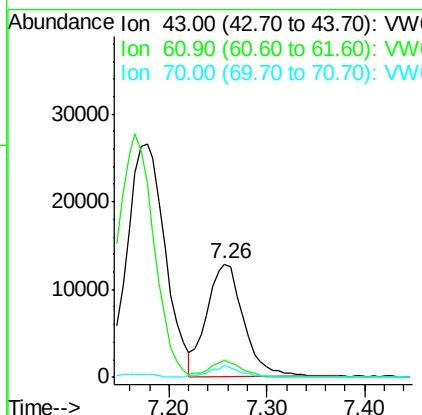
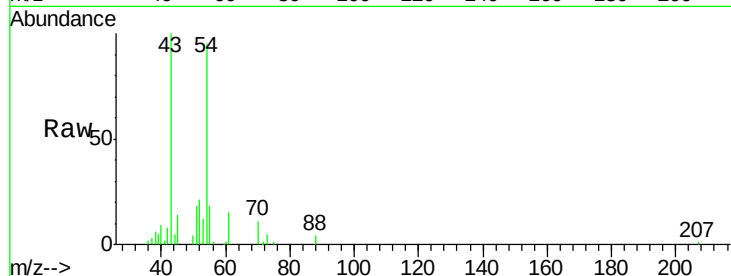
#37
Ethyl Acetate
Concen: 21.93 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.00 min
Lab File: VW003846.D
Acq: 11 Jul 2018 02:03

Instrument :
MSVOA_W
ClientSampled :
VW0710SBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.7	10.6	15.8
70	8.7	7.5	11.3

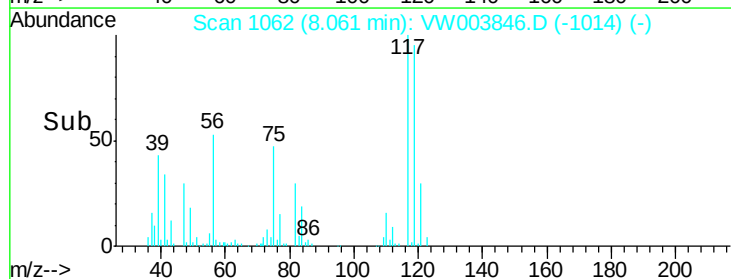
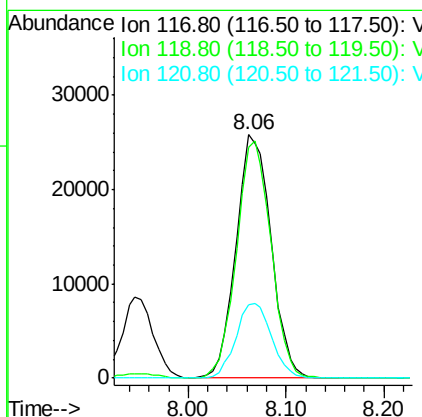
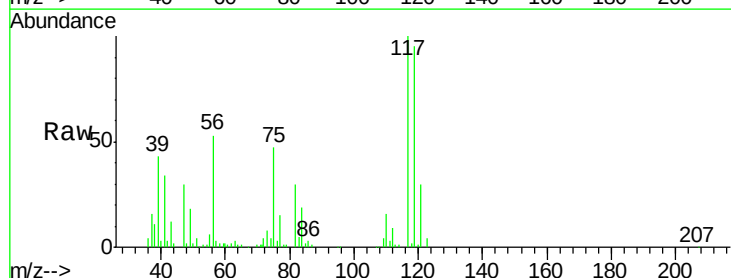
Manual Integrations
APPROVED

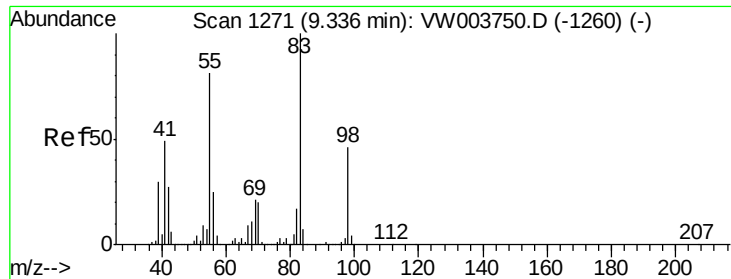
apatel
7/11/2018 1:00:19 PM



#38
Carbon Tetrachloride
Concen: 21.46 ug/l
RT: 8.06 min Scan# 1062
Delta R.T. -0.01 min
Lab File: VW003846.D
Acq: 11 Jul 2018 02:03

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.9	77.4	116.2
121	30.3	24.6	37.0





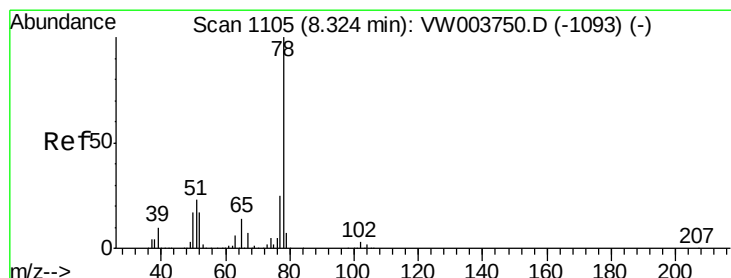
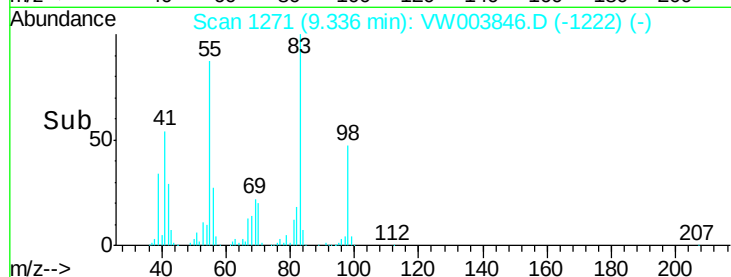
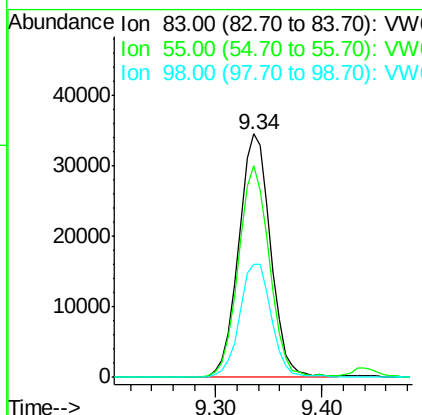
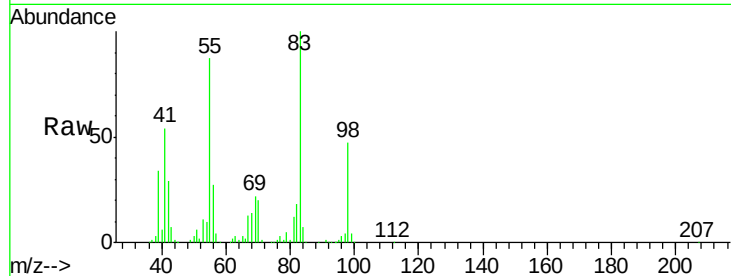
#39
Methylvlcyclohexane
Concen: 21.08 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VW003846.D
Acq: 11 Jul 2018 02:03

Instrument :
MSVOA_W
ClientSampleId :
VW0710SBSD02

Tot Ion	Ratio	Lower	Upper
83	100		
55	86.8	65.1	97.7
98	46.7	36.7	55.1

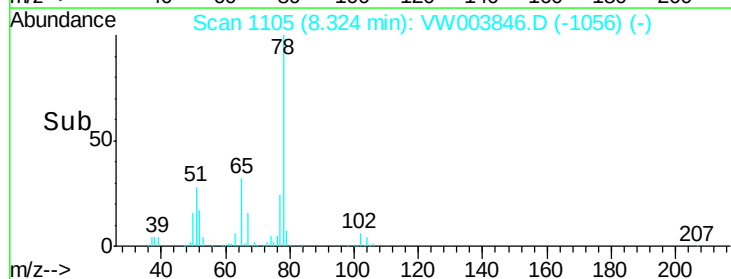
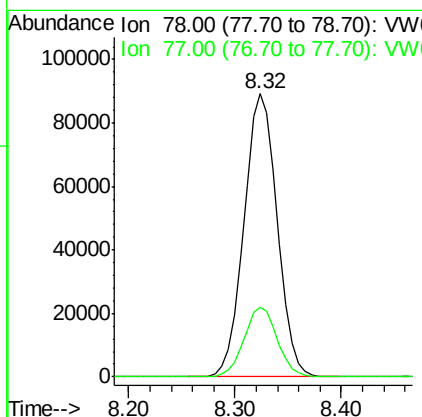
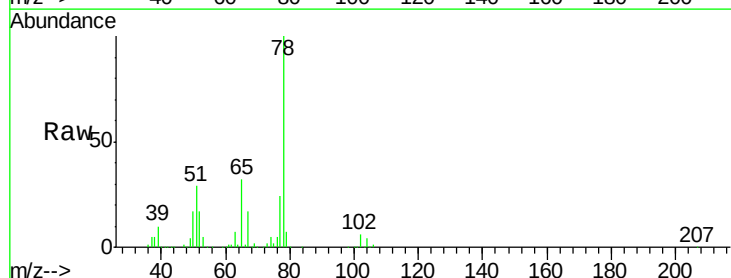
Manual Integrations
APPROVED

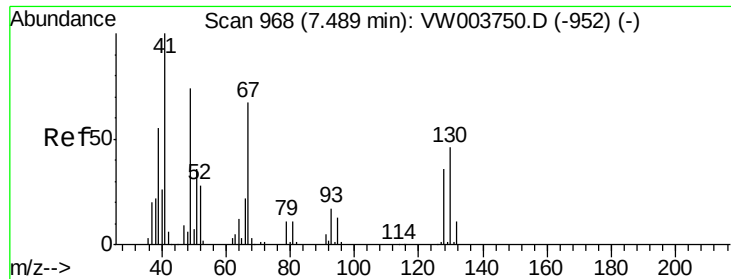
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#40
Benzene
Concen: 21.69 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VW003846.D
Acq: 11 Jul 2018 02:03

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.5	19.7	29.5





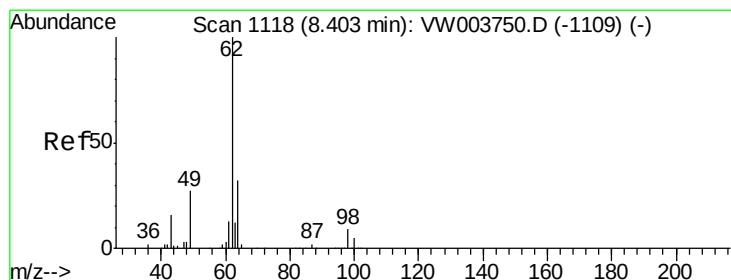
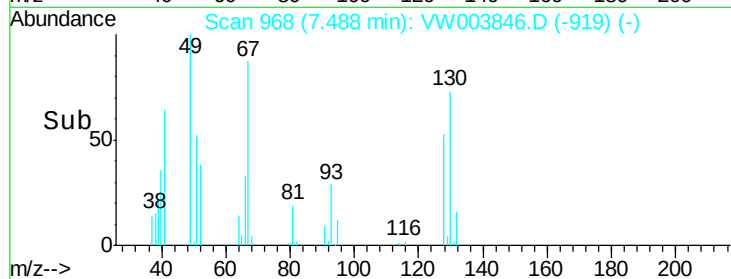
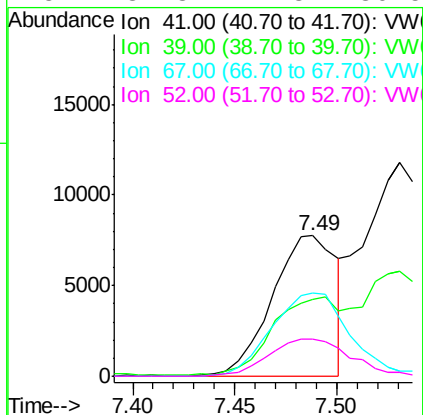
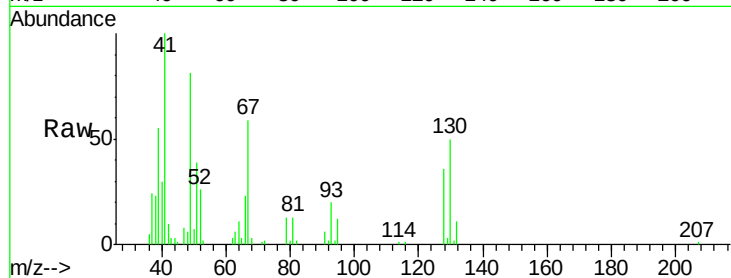
#41
Methacrylonitrile
Concen: 19.31 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.00 min
Lab File: VW003846.D
Acq: 11 Jul 2018 02:03

Instrument :
MSVOA_W
ClientSampleId :
VW0710SBSD02

Tot Ion:	41	Resp:	17027
Ion	Ratio	Lower	Upper
41	100		
39	56.6	49.5	74.3
67	71.8	53.8	80.8
52	34.8	24.3	36.5

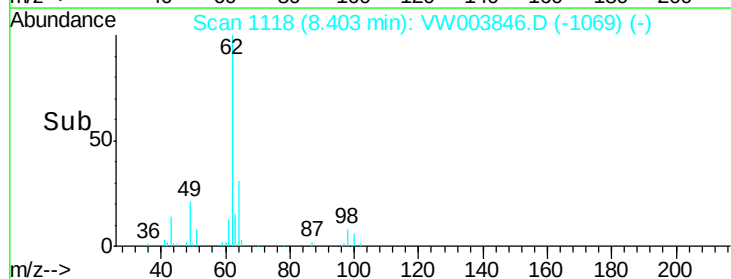
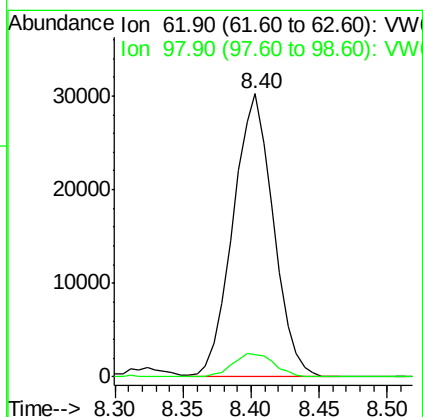
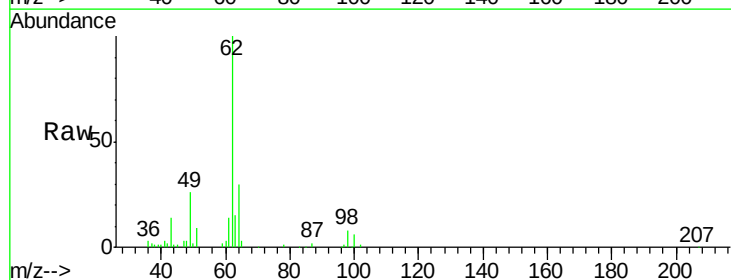
Manual Integrations
APPROVED

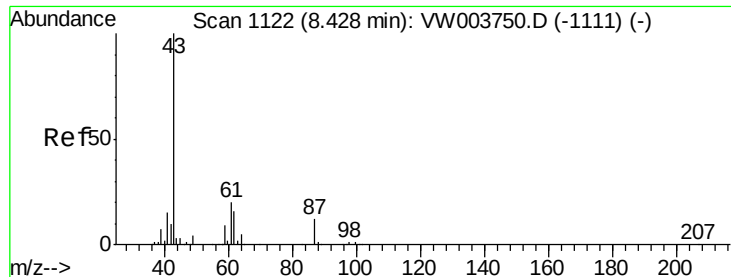
apatel
7/11/2018 1:00:19 PM



#42
1,2-Dichloroethane
Concen: 21.45 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. -0.00 min
Lab File: VW003846.D
Acq: 11 Jul 2018 02:03

Tgt Ion:	62	Resp:	62527
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	16.4





#43

Isopropyl Acetate

Concen: 21.23 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.01 min

Lab File: VW003846.D

Acq: 11 Jul 2018 02:03

Instrument :

MSVOA_W

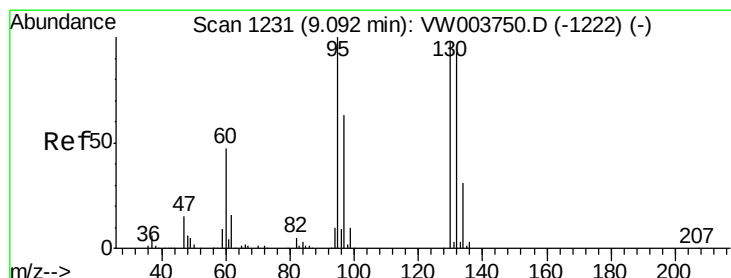
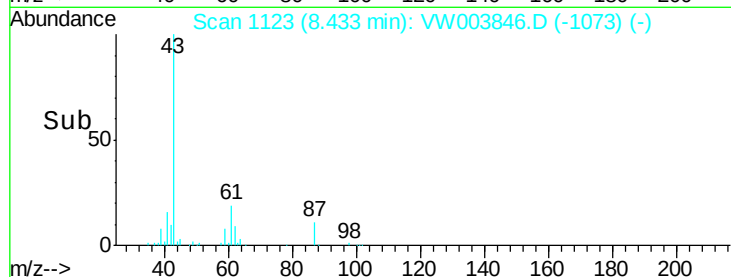
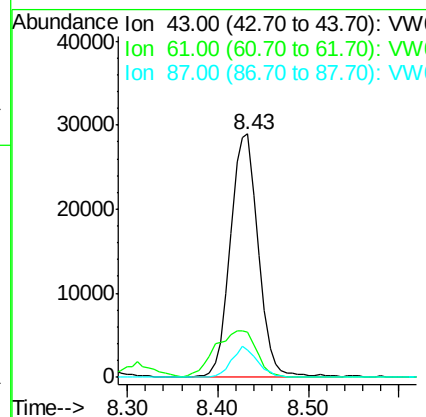
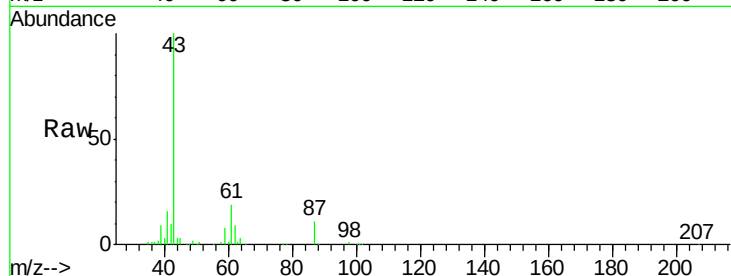
ClientSampleId :

VW0710SBSD02

Tot Ion:	43	Resp:	61668
Ion	Ratio	Lower	Upper
43	100		
61	28.8	22.8	34.2
87	11.6	9.5	14.3

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#44

Trichloroethene

Concen: 21.75 ug/l

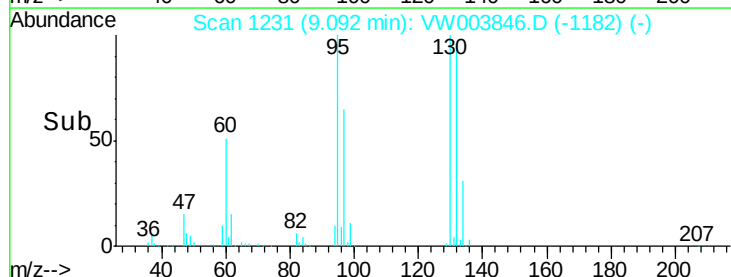
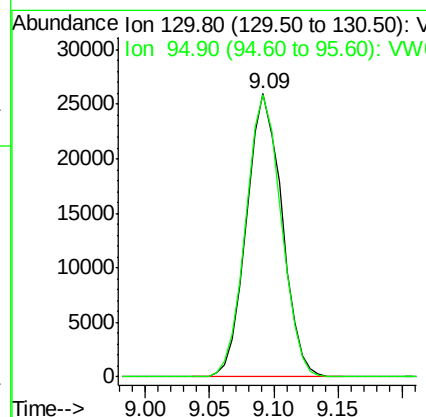
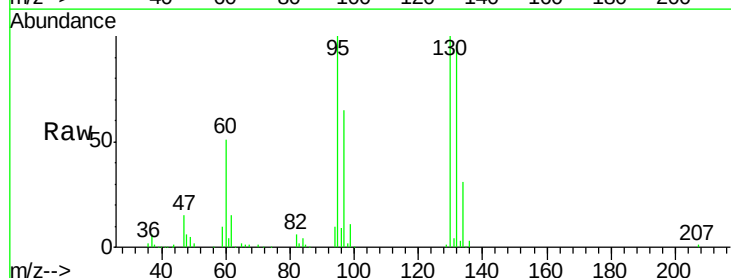
RT: 9.09 min Scan# 1231

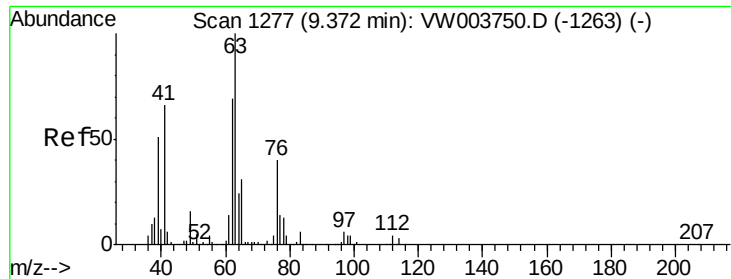
Delta R.T. -0.00 min

Lab File: VW003846.D

Acq: 11 Jul 2018 02:03

Tgt Ion:	130	Resp:	49373
Ion	Ratio	Lower	Upper
130	100		
95	99.6	0.0	203.8





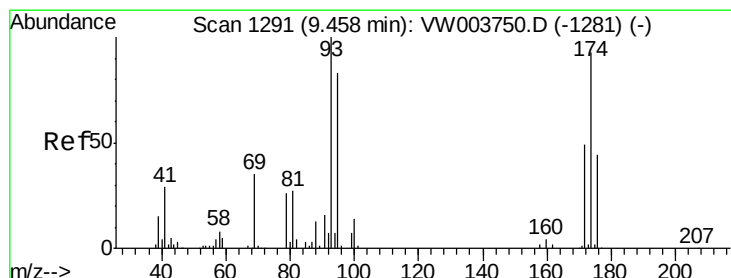
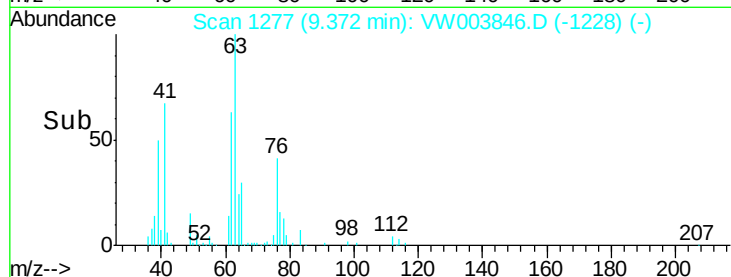
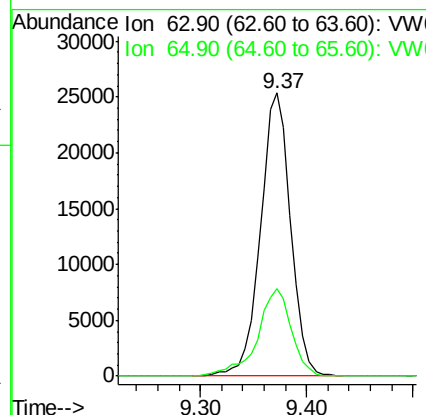
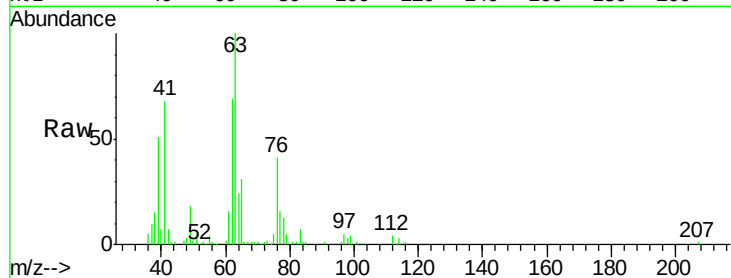
#45
 1,2-Dichloropropane
 Concen: 21.42 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VW003846.D
 Acq: 11 Jul 2018 02:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0710SBSD02

Tot Ion	63	Resp	50158
Ion Ratio	Lower	Upper	
63	100		
65	30.8	24.9	37.3

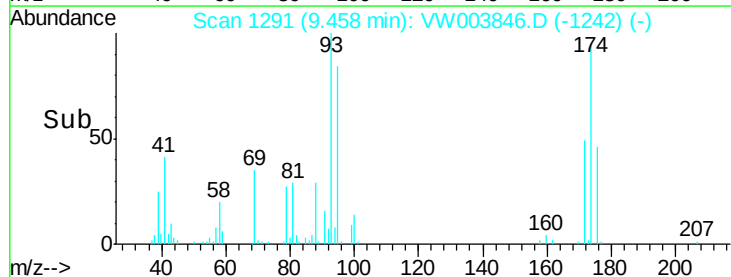
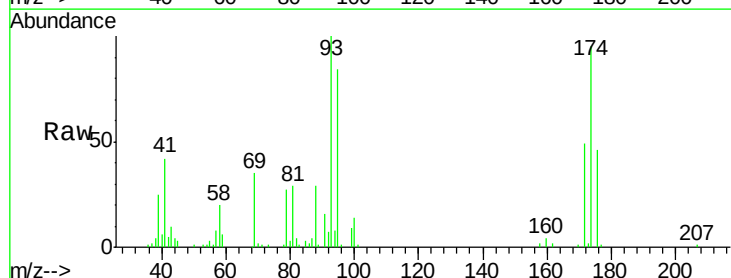
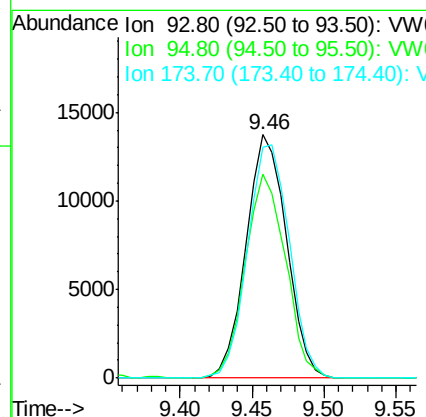
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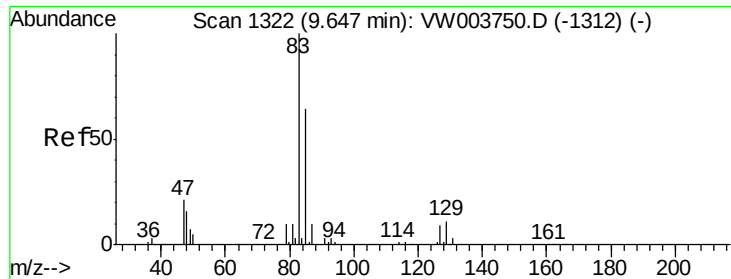
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#46
 Dibromomethane
 Concen: 21.65 ug/l
 RT: 9.46 min Scan# 1291
 Delta R.T. -0.00 min
 Lab File: VW003846.D
 Acq: 11 Jul 2018 02:03

Tgt Ion	93	Resp	26664
Ion Ratio	Lower	Upper	
93	100		
95	83.7	67.2	100.8
174	99.2	78.1	117.1





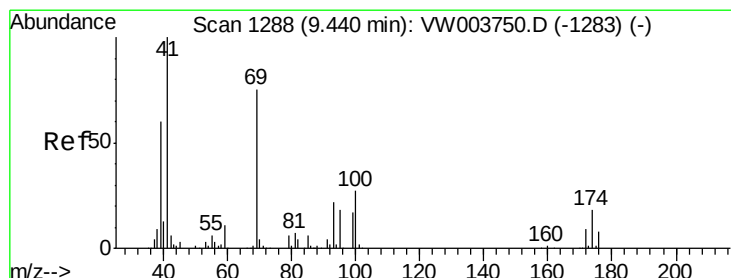
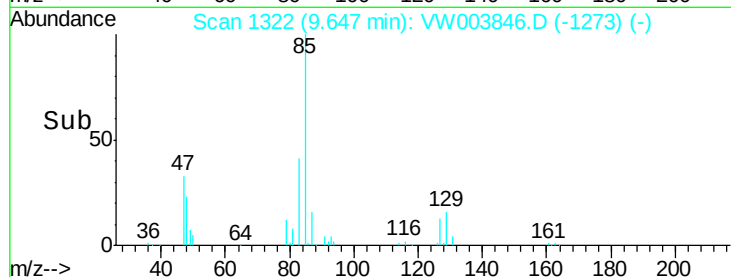
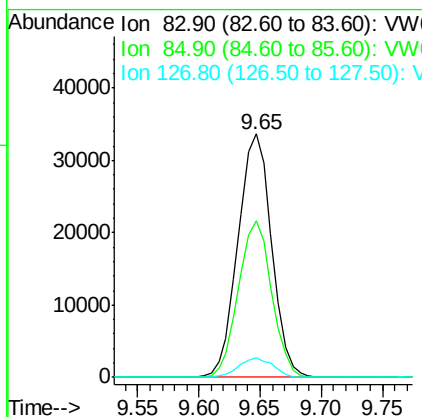
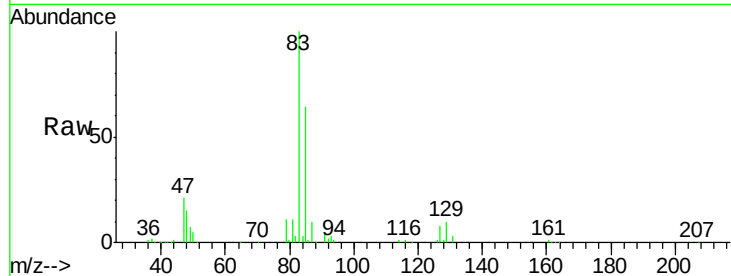
#47
Bromodichloromethane
Concen: 21.19 ug/l
RT: 9.65 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VW003846.D
Acq: 11 Jul 2018 02:03

Instrument :
MSVOA_W
ClientSampleId :
VW0710SBSD02

Tot Ion	83	Resp	64194
Ion Ratio	100	Lower	Upper
83	100		
85	64.2	51.4	77.0
127	8.2	6.8	10.2

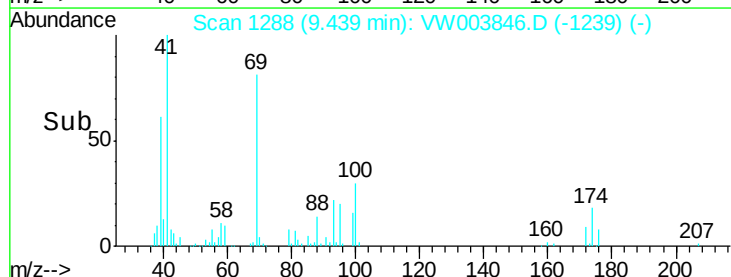
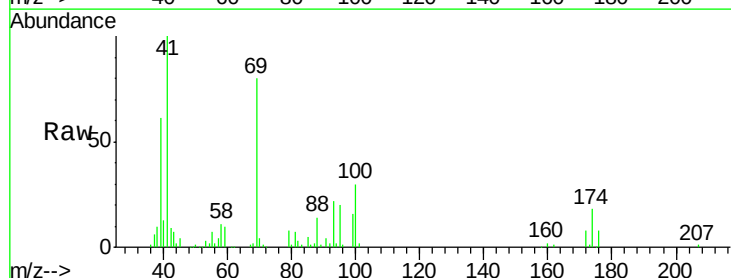
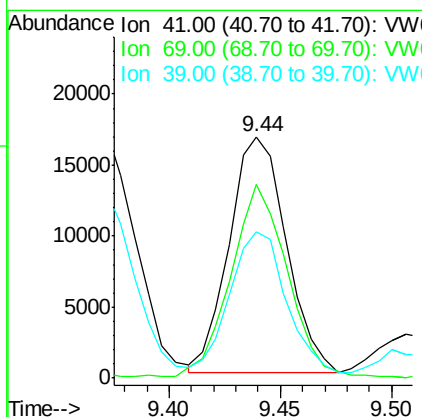
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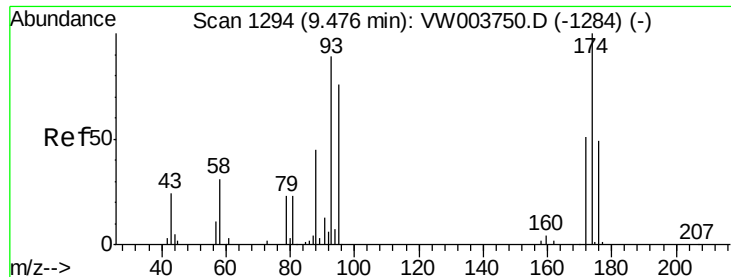
apatel
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#48
Methyl methacrylate
Concen: 21.33 ug/l
RT: 9.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VW003846.D
Acq: 11 Jul 2018 02:03

Tgt Ion	41	Resp	29509
Ion Ratio	100	Lower	Upper
41	100		
69	82.6	63.8	95.8
39	64.0	50.2	75.2





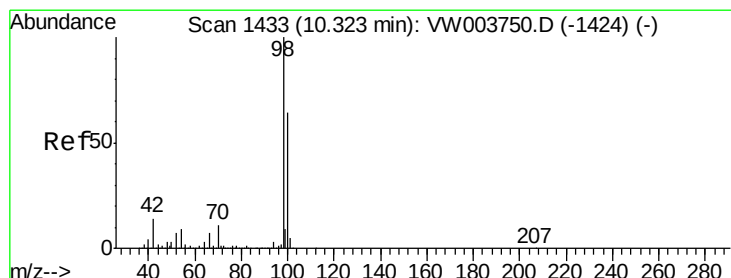
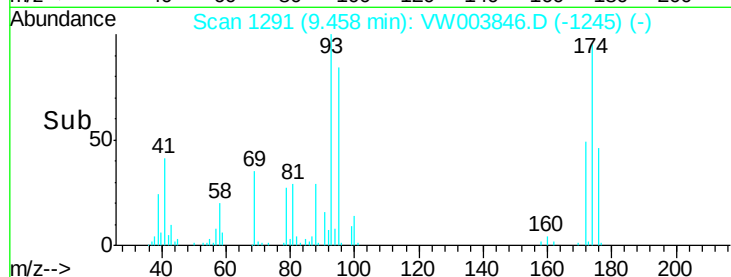
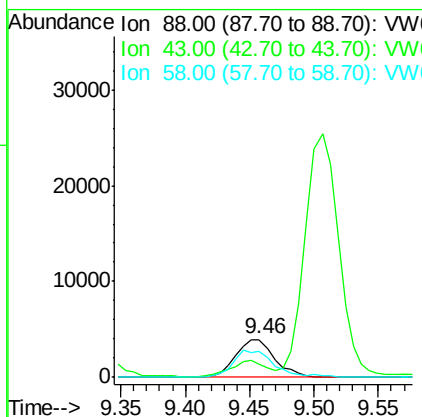
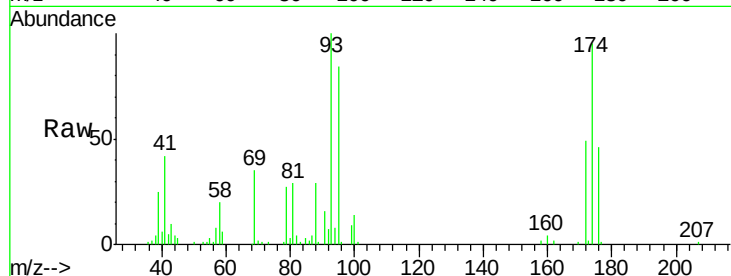
#49
1,4-Dioxane
Concen: 455.75 ug/l
RT: 9.46 min Scan# 1291
Delta R.T. -0.02 min
Lab File: VW003846.D
Acq: 11 Jul 2018 02:03

Instrument :
MSVOA_W
ClientSampleId :
VW0710SBSD02

Tot Ion	88	Resp	8387
Ion	Ratio	Lower	Upper
88	100		
43	37.3	0.0	0.0#
58	77.6	59.7	89.5

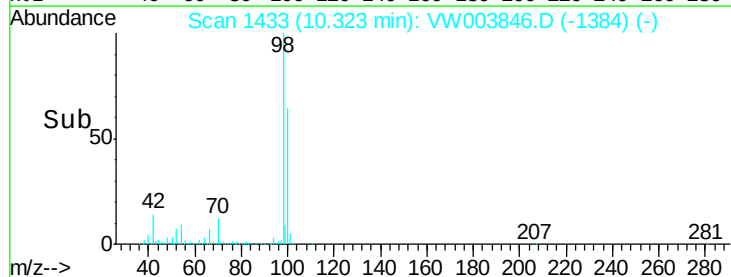
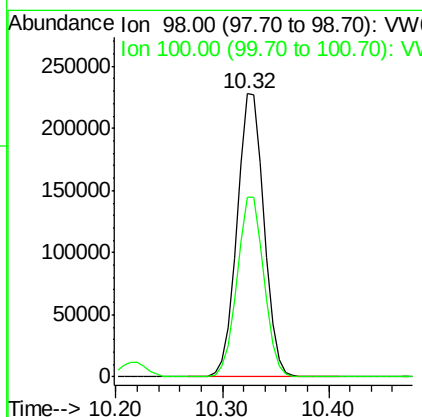
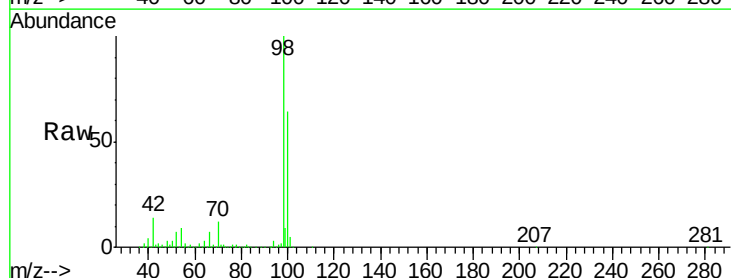
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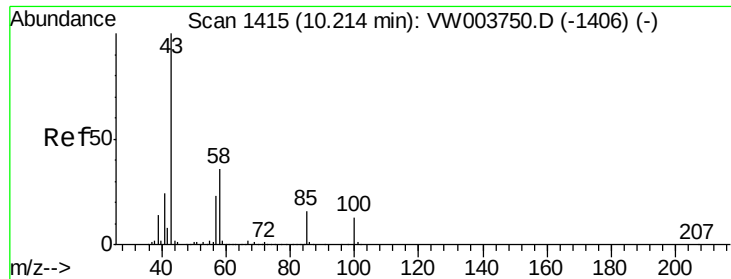
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#50
Toluene-d8
Concen: 51.01 ug/l
RT: 10.32 min Scan# 1433
Delta R.T. -0.00 min
Lab File: VW003846.D
Acq: 11 Jul 2018 02:03

Tgt Ion	98	Resp	405427
Ion	Ratio	Lower	Upper
98	100		
100	63.5	50.8	76.2





#51

4-Methyl-2-Pentanone

Concen: 109.75 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. -0.00 min

Lab File: VW003846.D

Acq: 11 Jul 2018 02:03

Instrument :

MSVOA_W

ClientSampleID :

VW0710SBSD02

Tot Ion: 43 Resp: 164997

Ion Ratio Lower Upper

43 100

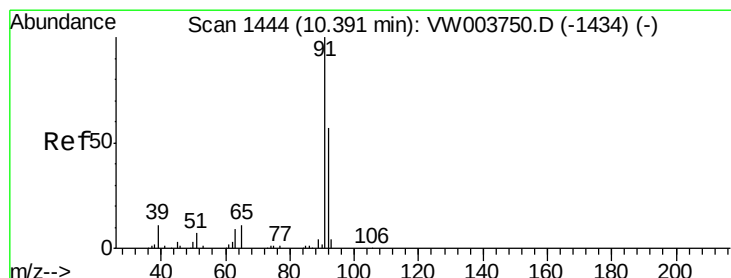
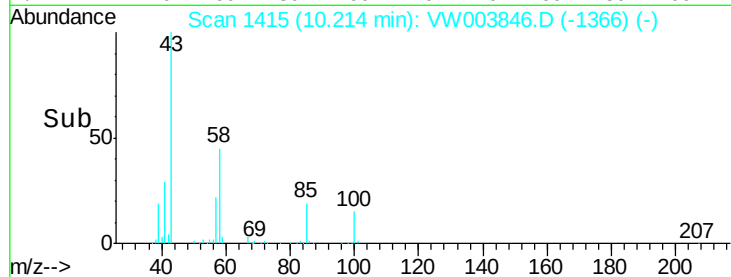
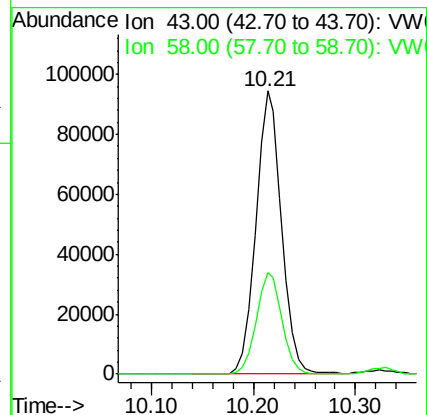
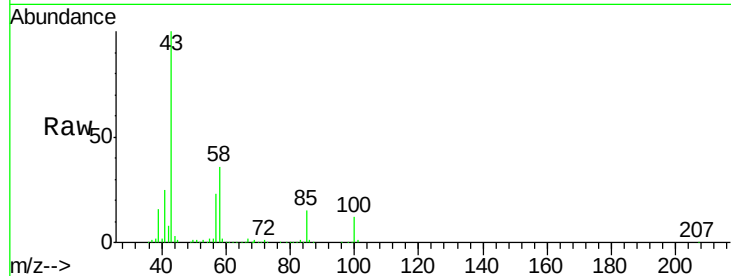
58 36.0 29.3 43.9

Manual Integrations

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#52

Toluene

Concen: 21.98 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.00 min

Lab File: VW003846.D

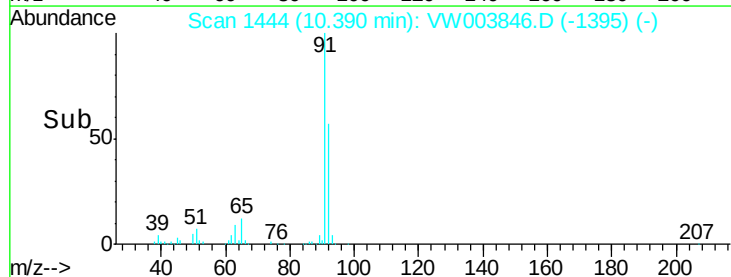
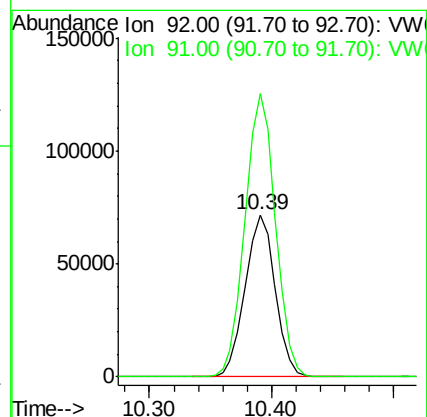
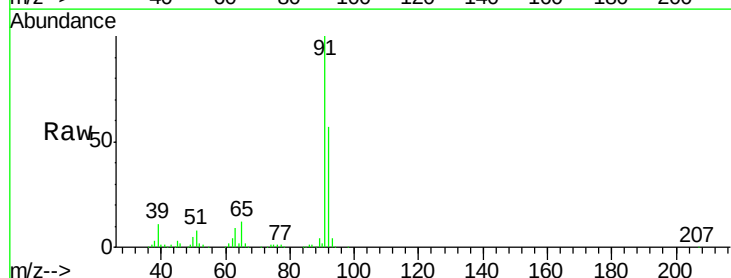
Acq: 11 Jul 2018 02:03

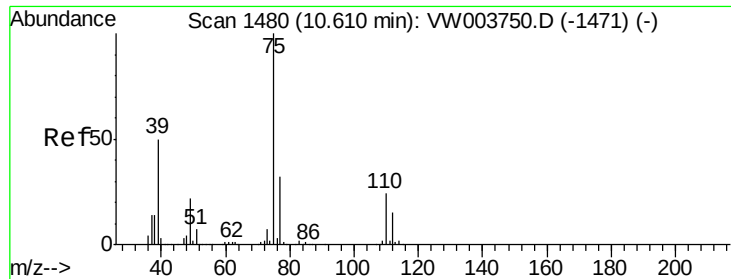
Tgt Ion: 92 Resp: 122748

Ion Ratio Lower Upper

92 100

91 176.6 140.6 211.0





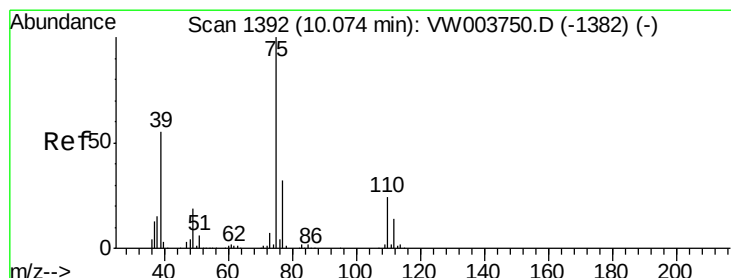
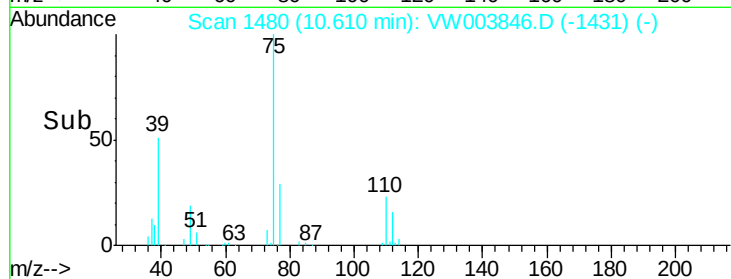
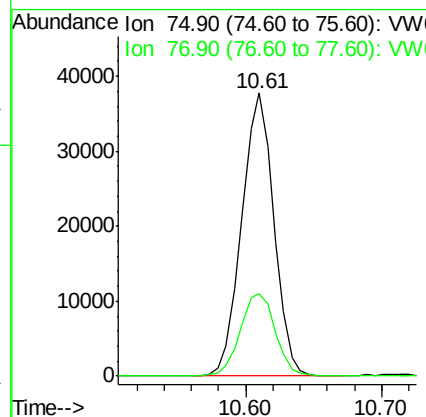
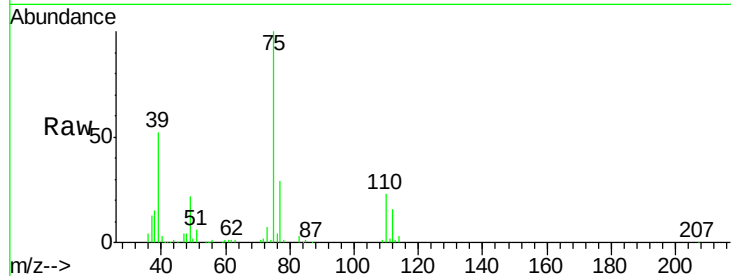
#53
t-1,3-Dichloropropene
Concen: 20.66 ug/l
RT: 10.61 min Scan# 1480
Delta R.T. -0.00 min
Lab File: VW003846.D
Acq: 11 Jul 2018 02:03

Instrument :
MSVOA_W
ClientSampleId :
VW0710SBSD02

Tot Ion: 75 Resp: 62474
Ion Ratio Lower Upper
75 100
77 28.8 25.5 38.3

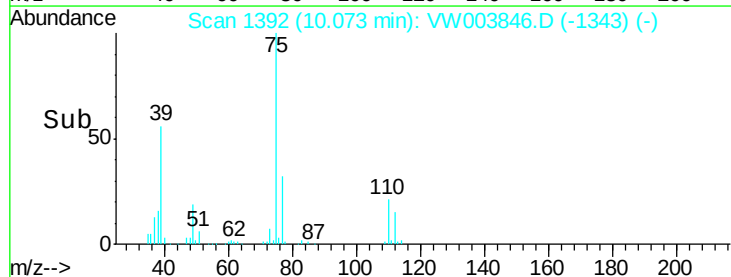
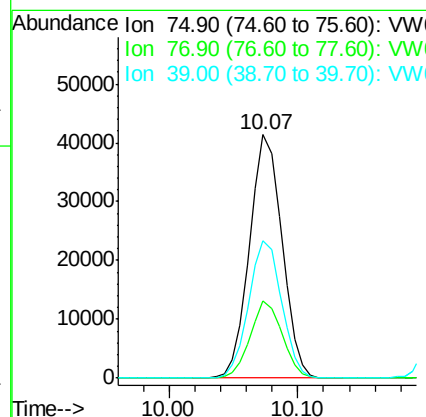
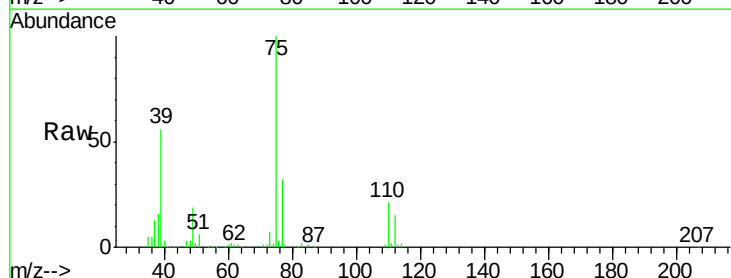
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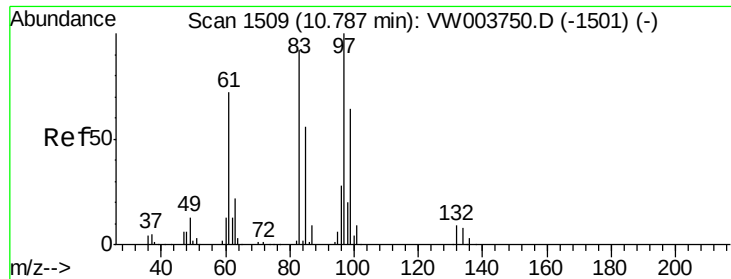
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#54
cis-1,3-Dichloropropene
Concen: 21.15 ug/l
RT: 10.07 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW003846.D
Acq: 11 Jul 2018 02:03

Tgt Ion: 75 Resp: 72194
Ion Ratio Lower Upper
75 100
77 31.8 25.6 38.4
39 56.0 43.6 65.4





#55

1,1,2-Trichloroethane

Concen: 21.32 ug/l

RT: 10.79 min Scan# 1510

Delta R.T. 0.01 min

Lab File: VW003846.D

Acq: 11 Jul 2018 02:03

Instrument :

MSVOA_W

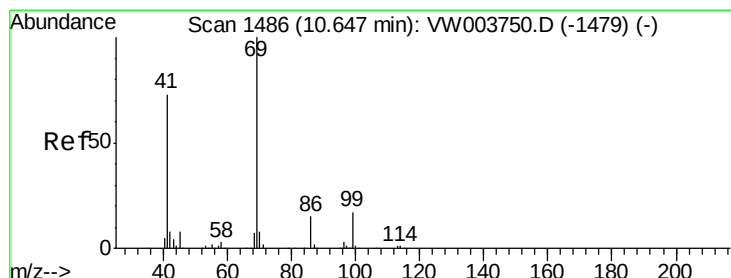
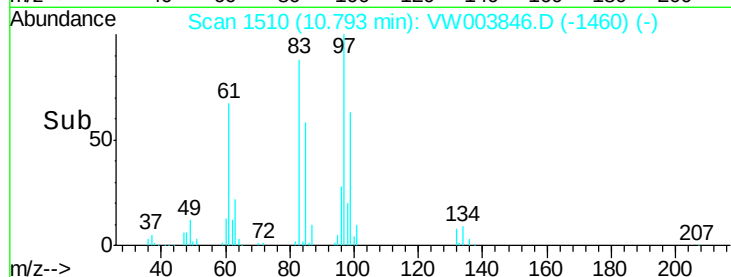
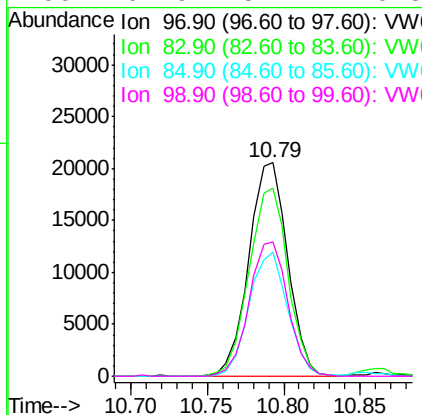
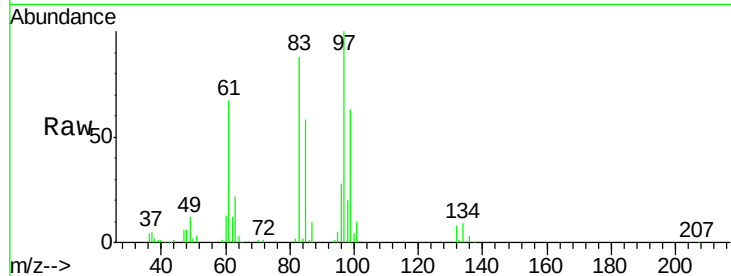
ClientSampleId :

VW0710SBSD02

Tot Ion:	97	Resp:	36465
Ion	Ratio	Lower	Upper
97	100		
83	88.0	73.8	110.6
85	58.2	45.0	67.4
99	62.9	51.2	76.8

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#56

Ethyl methacrylate

Concen: 20.68 ug/l

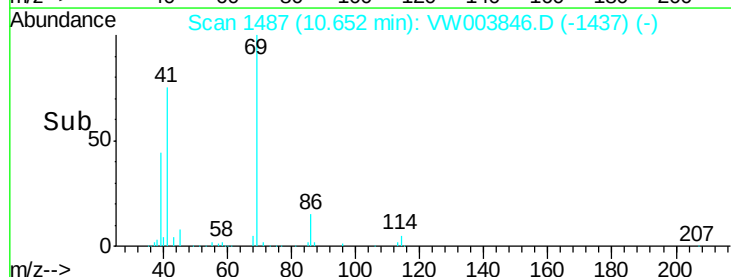
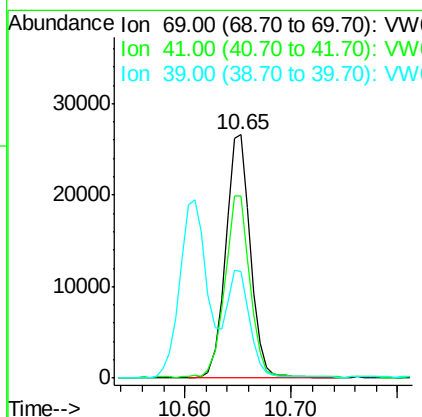
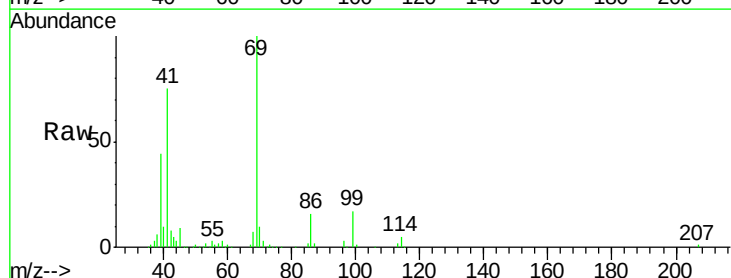
RT: 10.65 min Scan# 1487

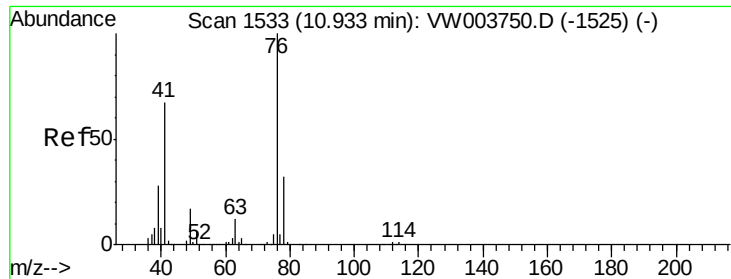
Delta R.T. 0.01 min

Lab File: VW003846.D

Acq: 11 Jul 2018 02:03

Tgt Ion:	69	Resp:	43155
Ion	Ratio	Lower	Upper
69	100		
41	75.2	59.0	88.4
39	38.4	32.8	49.2





#57

1,3-Dichloropropane

Concen: 21.59 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.01 min

Lab File: VW003846.D

Acq: 11 Jul 2018 02:03

Instrument :

MSVOA_W

ClientSampleId :

VW0710SBSD02

Tot Ion: 76 Resp: 64346

Ion Ratio Lower Upper

76 100

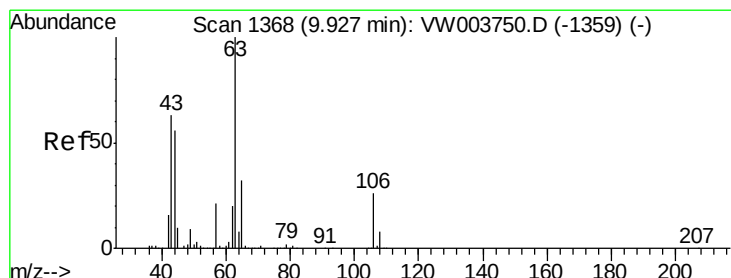
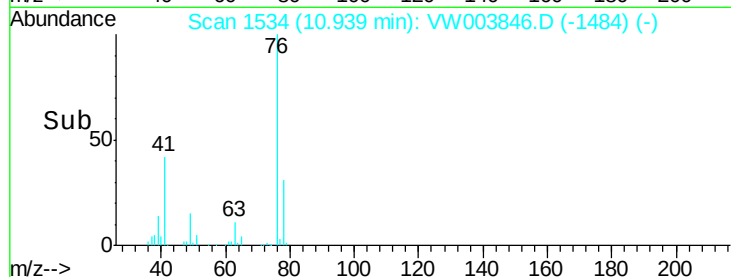
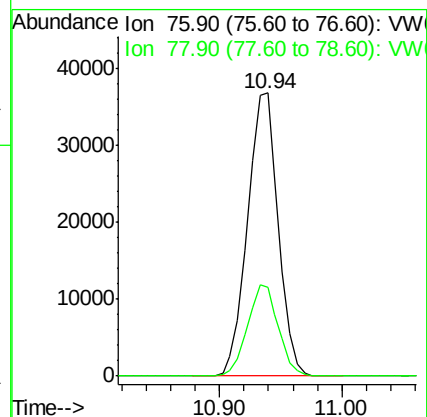
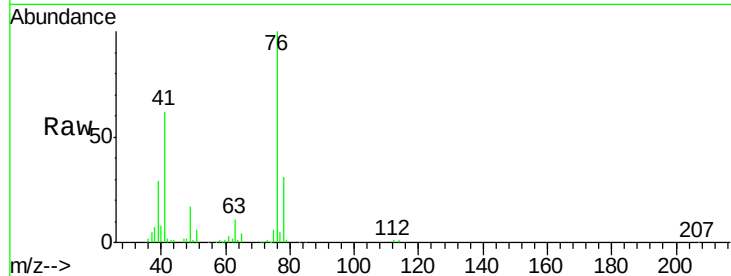
78 32.2 25.6 38.4

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#58

2-Chloroethyl Vinyl ether

Concen: 91.92 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VW003846.D

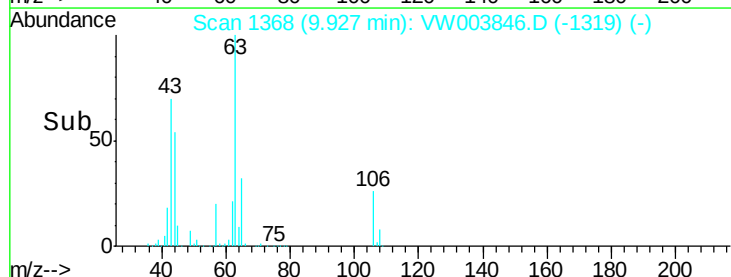
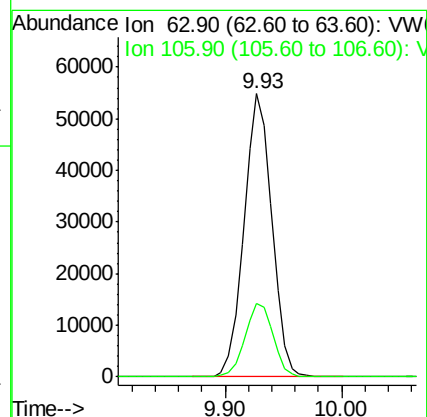
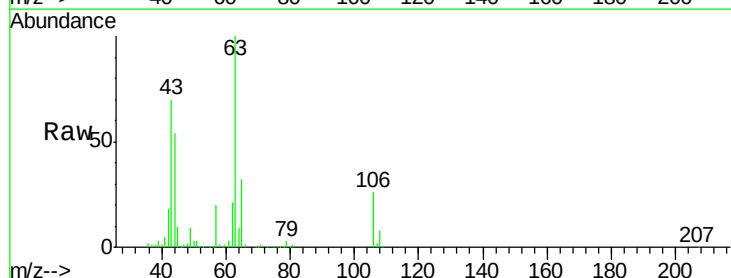
Acq: 11 Jul 2018 02:03

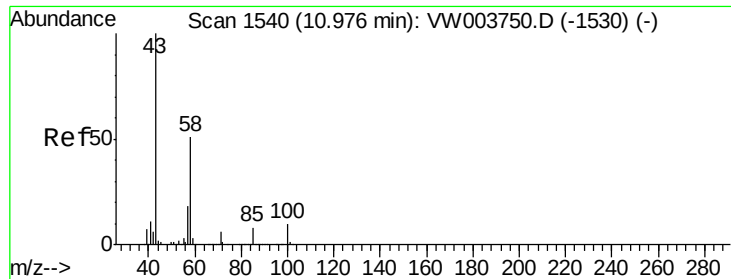
Tgt Ion: 63 Resp: 91349

Ion Ratio Lower Upper

63 100

106 26.4 20.9 31.3





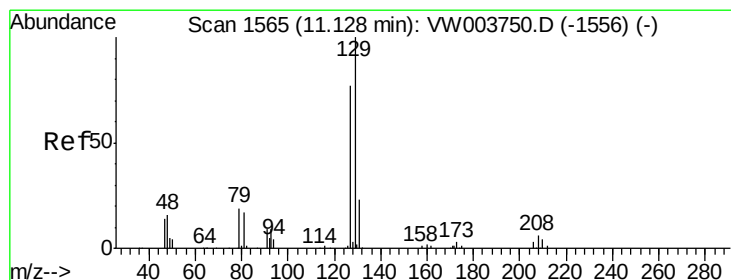
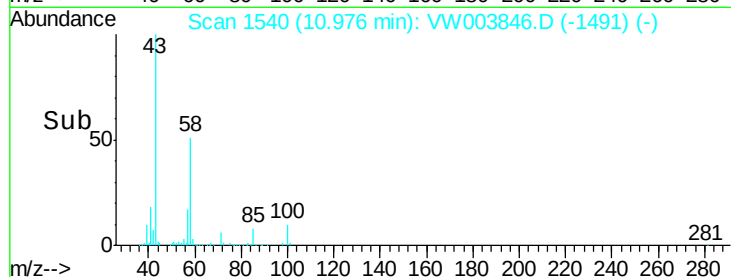
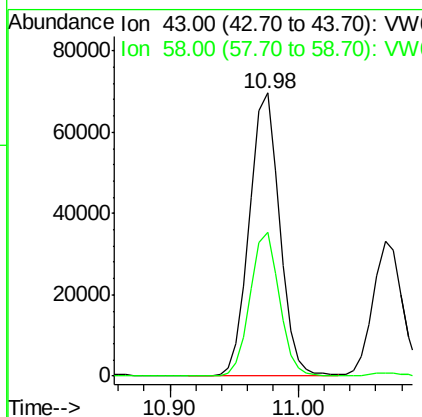
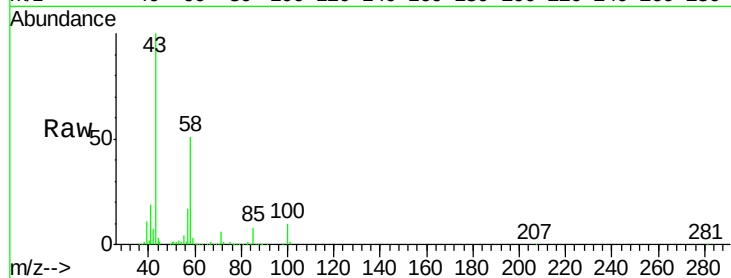
#59
2-Hexanone
Concen: 109.14 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW003846.D
Acq: 11 Jul 2018 02:03

Instrument :
MSVOA_W
ClientSampleId :
VW0710SBSD02

Tot Ion: 43 Resp: 112663
Ion Ratio Lower Upper
43 100
58 49.4 25.4 76.2

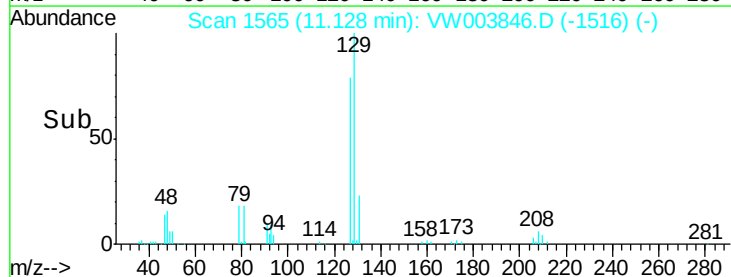
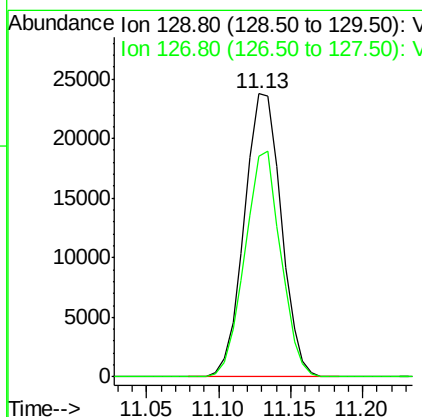
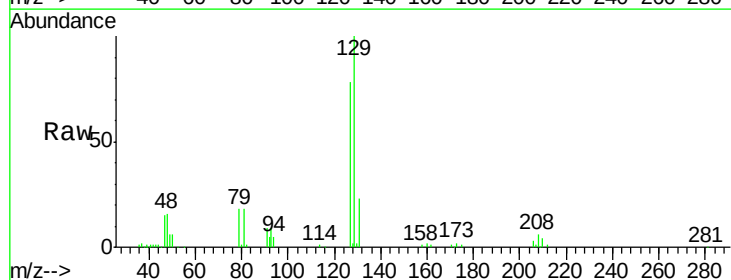
Manual Integrations
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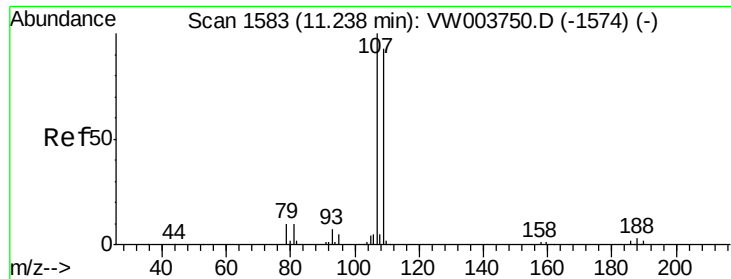
apatel
7/11/2018 1:00:19 PM



#60
Dibromochloromethane
Concen: 21.14 ug/l
RT: 11.13 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VW003846.D
Acq: 11 Jul 2018 02:03

Tgt Ion: 129 Resp: 42204
Ion Ratio Lower Upper
129 100
127 77.5 38.9 116.6





#61

1,2-Dibromoethane

Concen: 21.42 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VW003846.D

Acq: 11 Jul 2018 02:03

Instrument :

MSVOA_W

ClientSampleId :

VW0710SBSD02

Tot Ion:107 Resp: 35024

Ion Ratio Lower Upper

107 100

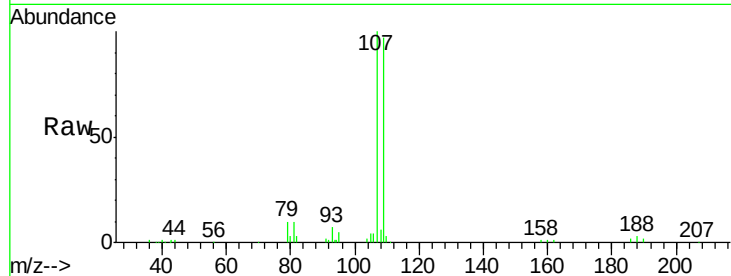
109 94.8 75.1 112.7

Manual Integrations

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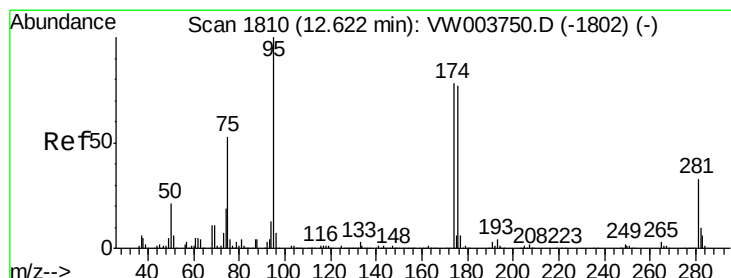
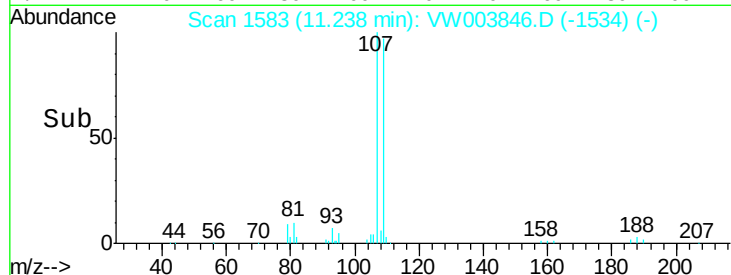
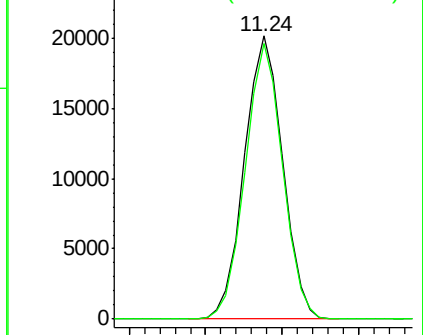
apatel

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.97 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW003846.D

Acq: 11 Jul 2018 02:03

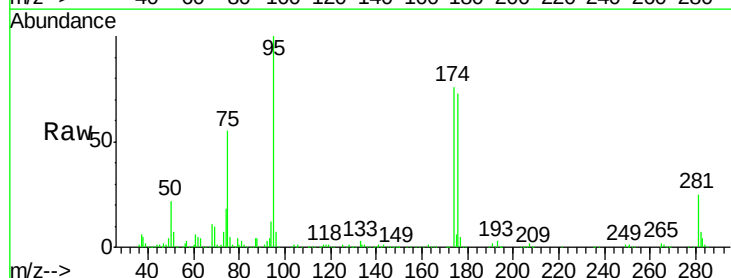
Tgt Ion: 95 Resp: 146580

Ion Ratio Lower Upper

95 100

174 79.8 0.0 163.4

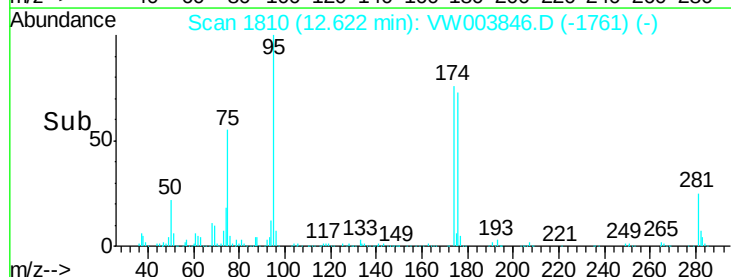
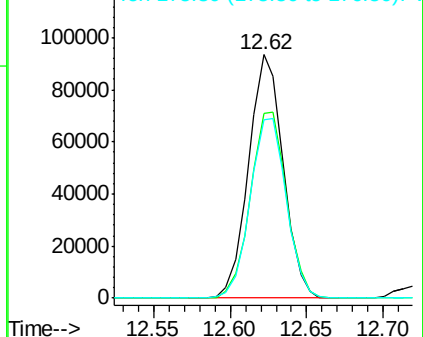
176 77.3 0.0 156.8

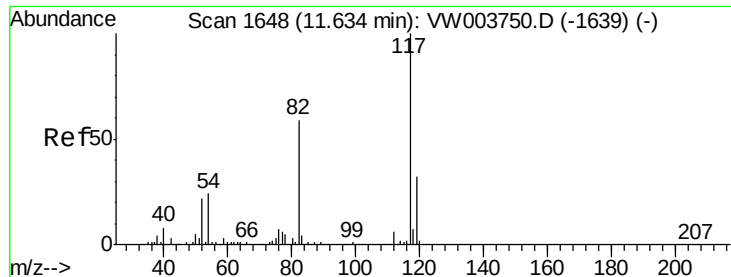


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





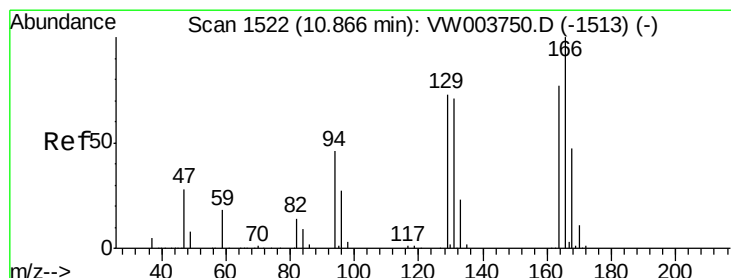
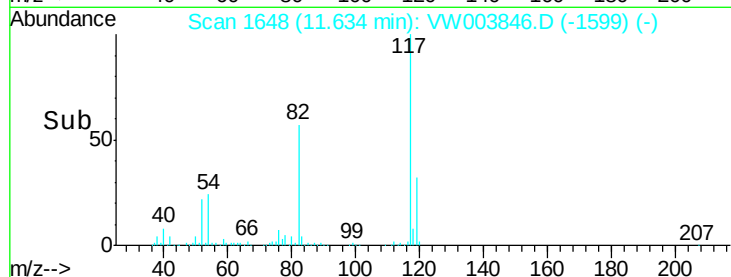
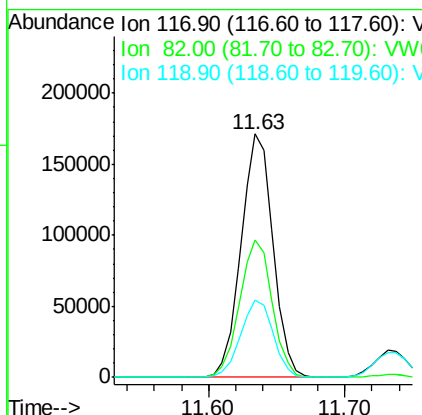
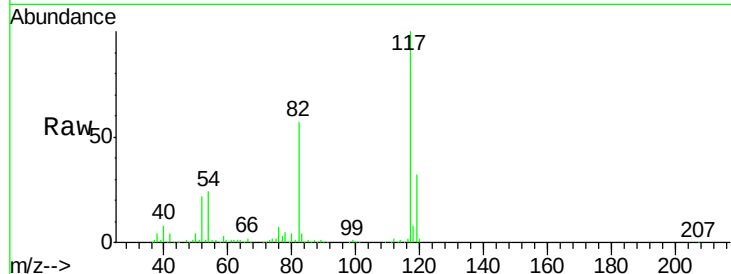
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003846.D
Acq: 11 Jul 2018 02:03

Instrument :
MSVOA_W
ClientSampleId :
VW0710SBSD02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	280412		
82	56.5	46.9	70.3	
119	31.9	25.5	38.3	

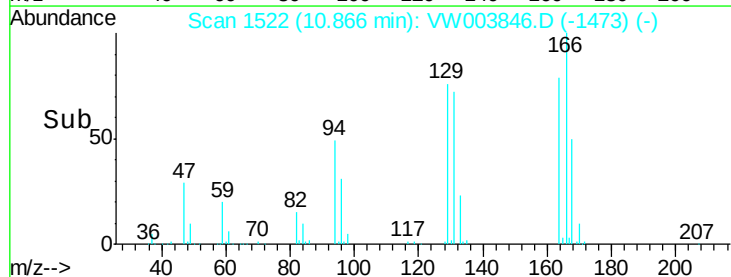
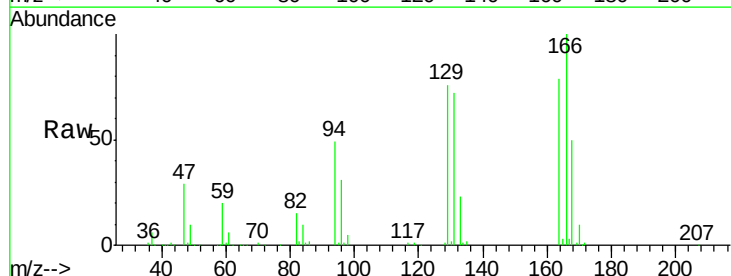
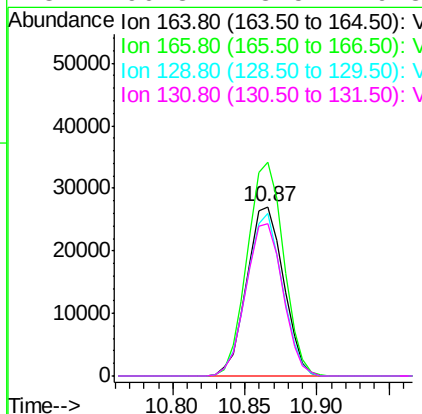
Manual Integrations
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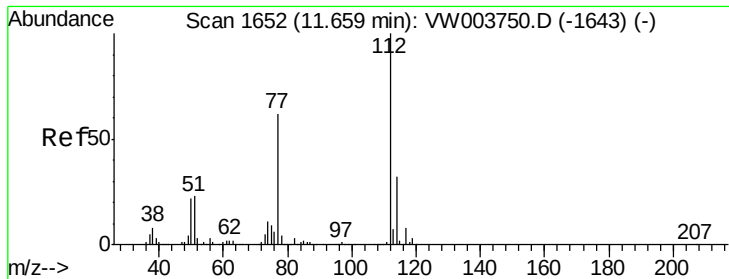
apatel
7/11/2018 1:00:19 PM



#64
Tetrachloroethene
Concen: 23.09 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW003846.D
Acq: 11 Jul 2018 02:03

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	47903		
166	126.1	104.2	156.4	
129	95.9	75.8	113.8	
131	90.3	73.5	110.3	





#65

Chlorobenzene

Concen: 21.56 ug/l

RT: 11.66 min Scan# 1652

Delta R.T. -0.00 min

Lab File: VW003846.D

Acq: 11 Jul 2018 02:03

Instrument :

MSVOA_W

ClientSampleId :

VW0710SBSD02

Tot Ion:112 Resp: 133253

Ion Ratio Lower Upper

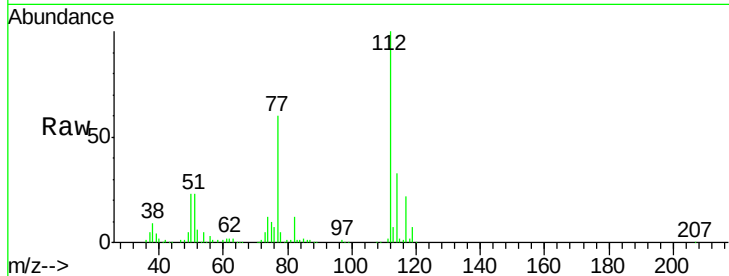
112 100

114 32.6 26.0 39.0

Manual Integrations
APPROVED

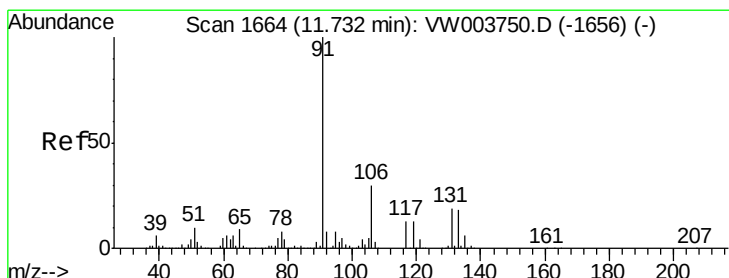
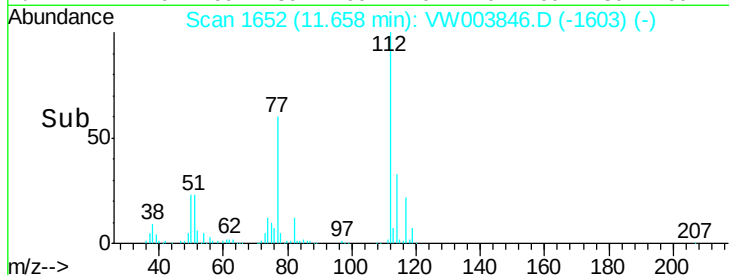
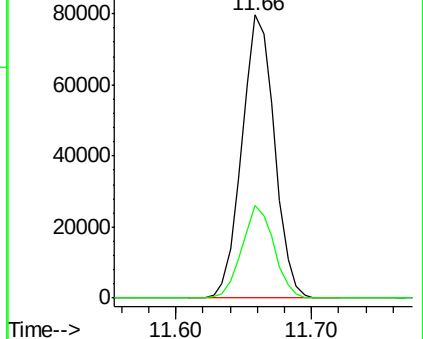
apatel

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 21.61 ug/l

RT: 11.73 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VW003846.D

Acq: 11 Jul 2018 02:03

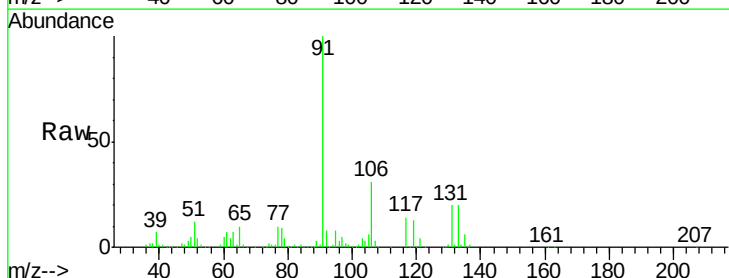
Tgt Ion:131 Resp: 46679

Ion Ratio Lower Upper

131 100

133 96.4 48.0 144.2

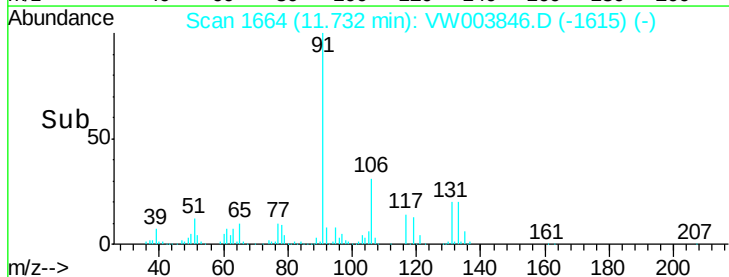
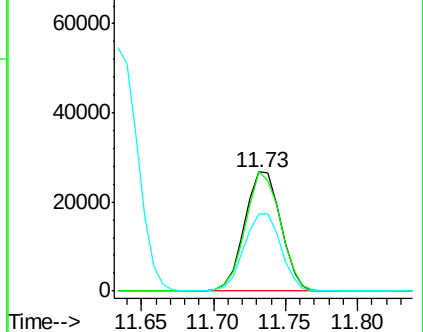
119 65.7 33.2 99.6

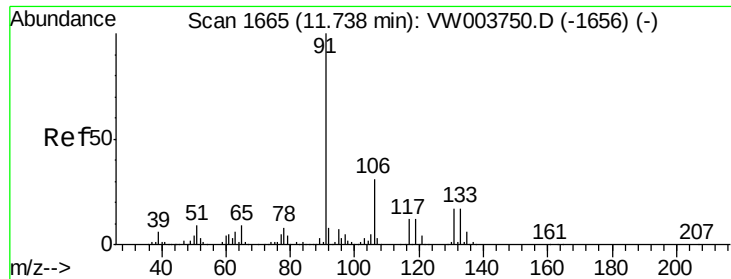


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





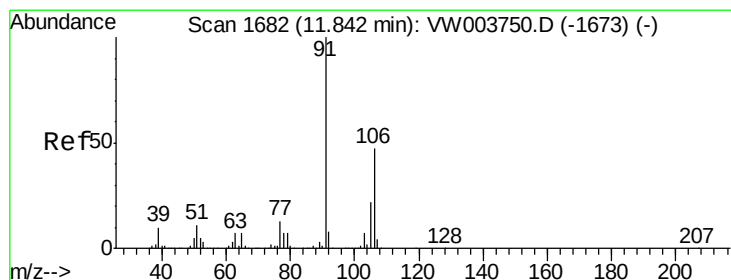
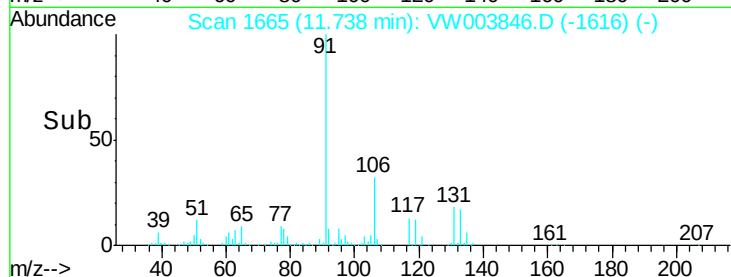
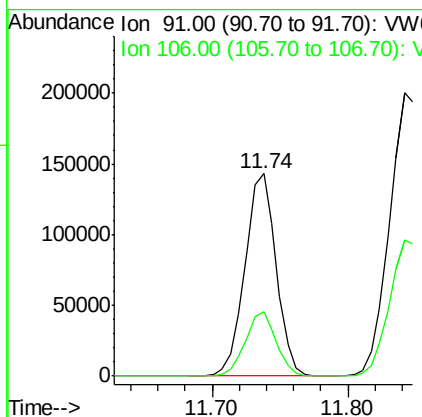
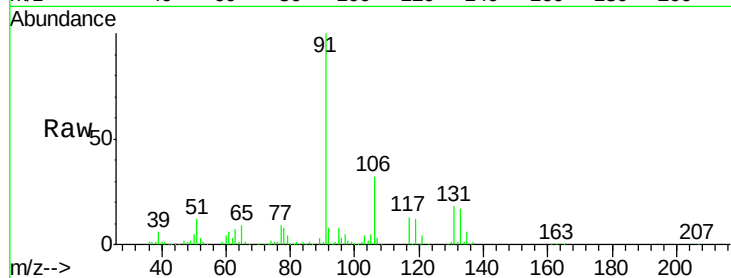
#67
Ethyl Benzene
Concen: 21.72 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW003846.D
Acq: 11 Jul 2018 02:03

Instrument :
MSVOA_W
ClientSampleId :
VW0710SBSD02

Tot Ion: 91 Resp: 229580
Ion Ratio Lower Upper
91 100
106 31.8 24.6 37.0

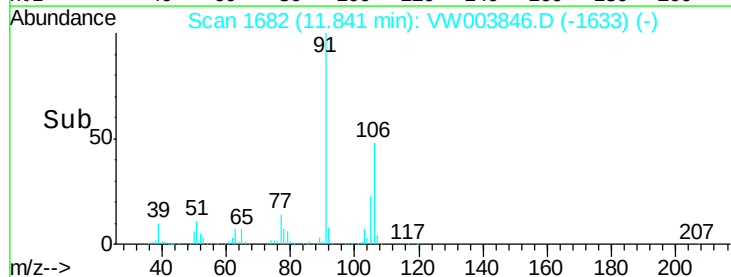
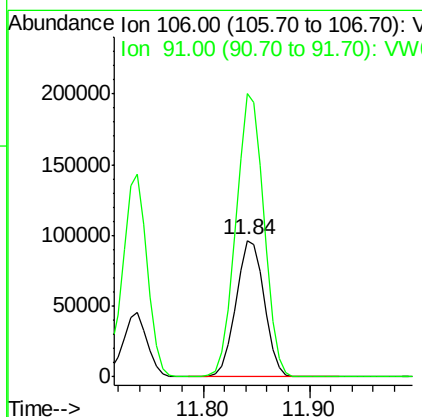
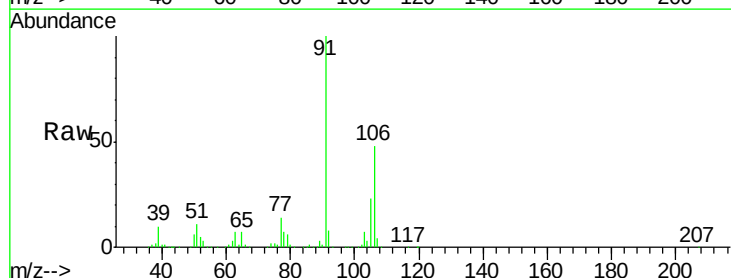
Manual Integrations
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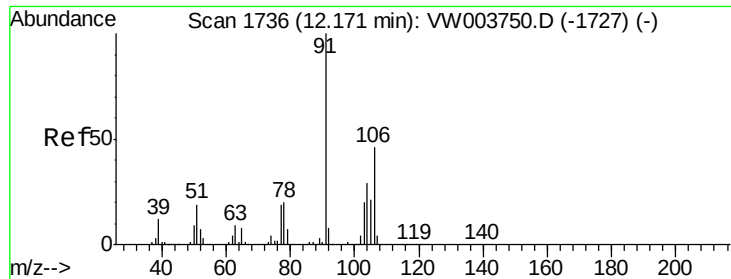
apatel
7/11/2018 1:00:19 PM



#68
m/p-Xylenes
Concen: 44.54 ug/l
RT: 11.84 min Scan# 1682
Delta R.T. -0.00 min
Lab File: VW003846.D
Acq: 11 Jul 2018 02:03

Tgt Ion: 106 Resp: 180268
Ion Ratio Lower Upper
106 100
91 205.2 164.3 246.5





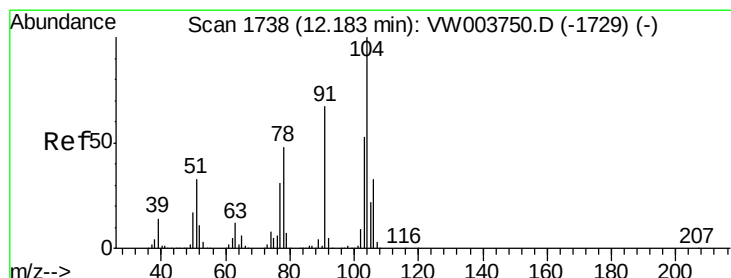
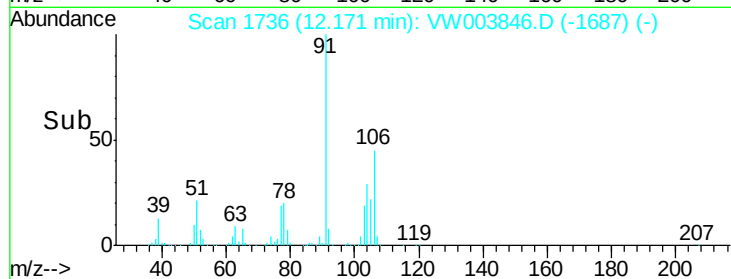
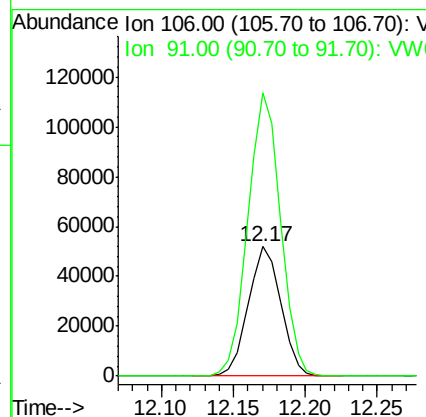
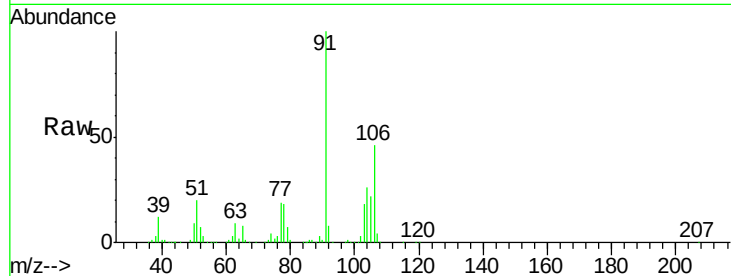
#69
o-Xylene
Concen: 21.73 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW003846.D
Acq: 11 Jul 2018 02:03

Instrument :
MSVOA_W
ClientSampleId :
VW0710SBSD02

Tot Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	91	219.2	109.1	327.2

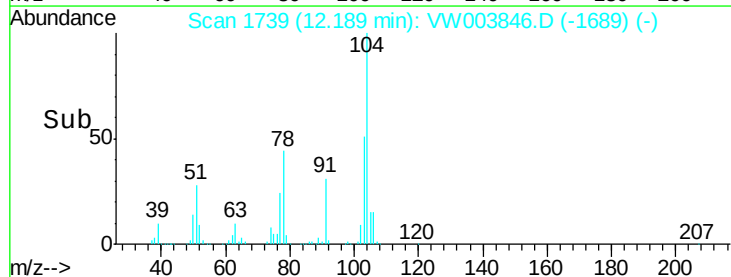
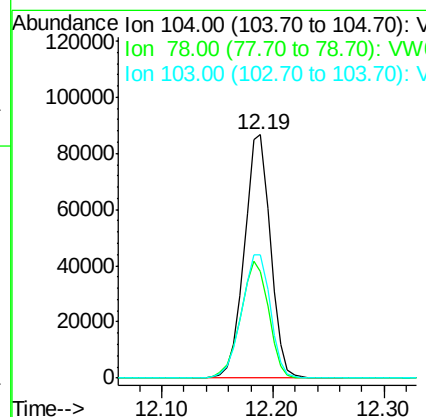
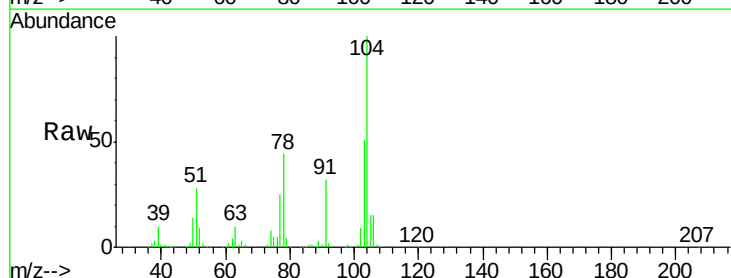
Manual Integrations
APPROVED

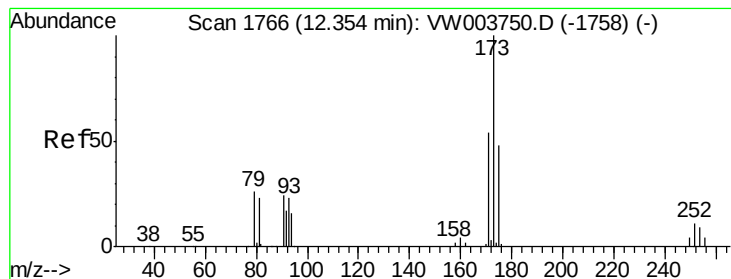
apatel
7/11/2018 1:00:19 PM



#70
Styrene
Concen: 22.21 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.01 min
Lab File: VW003846.D
Acq: 11 Jul 2018 02:03

Tgt Ion	Ion	Ratio	Lower	Upper
104	104	100		
78	78	51.2	41.1	61.7
103	103	55.8	44.6	67.0





#71

Bromoform

Concen: 21.96 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. -0.00 min

Lab File: VW003846.D

Acq: 11 Jul 2018 02:03

Instrument :

MSVOA_W

ClientSampleId :

VW0710SBSD02

Tot Ion:173 Resp: 26180

Ion Ratio Lower Upper

173 100

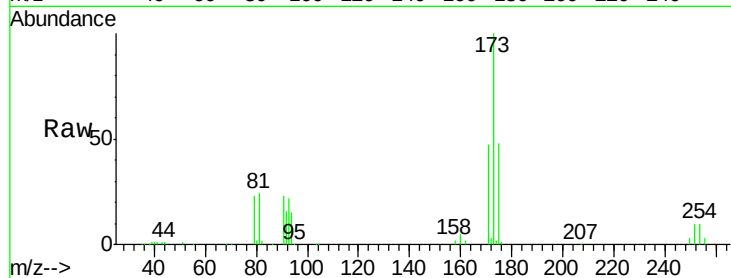
175 48.4 24.1 72.4

254 0.0 0.0 0.0

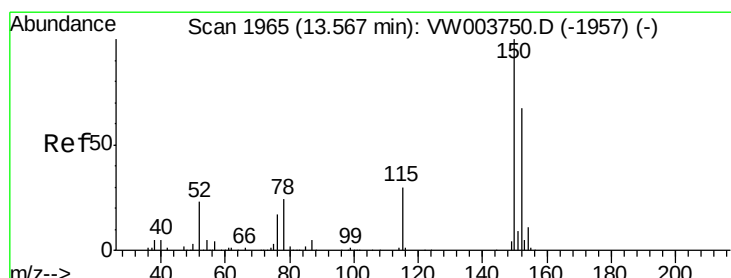
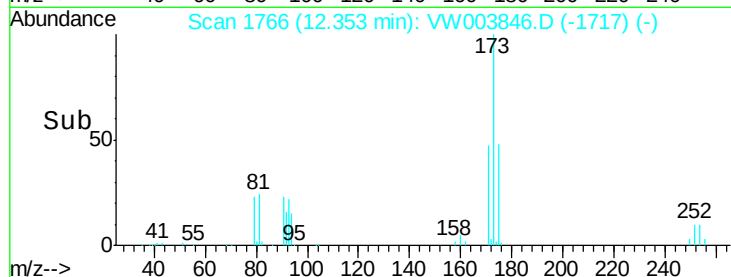
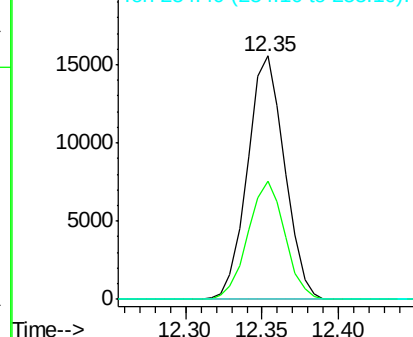
Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VW003846.D

Acq: 11 Jul 2018 02:03

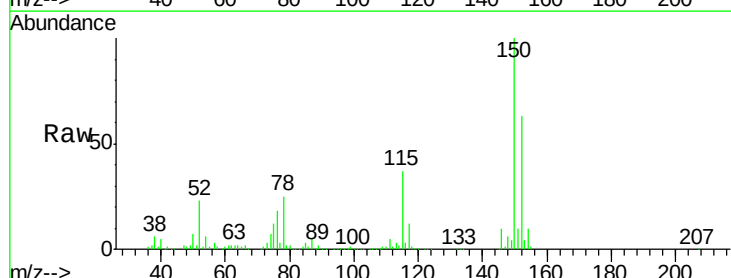
Tgt Ion:152 Resp: 152778

Ion Ratio Lower Upper

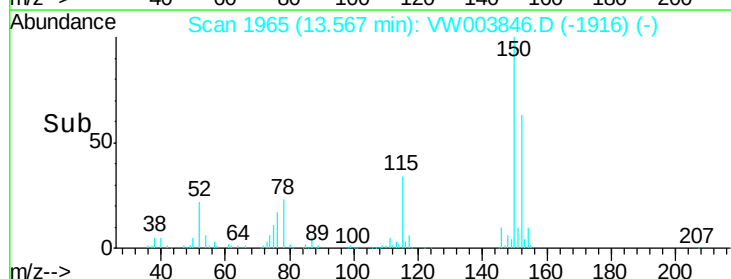
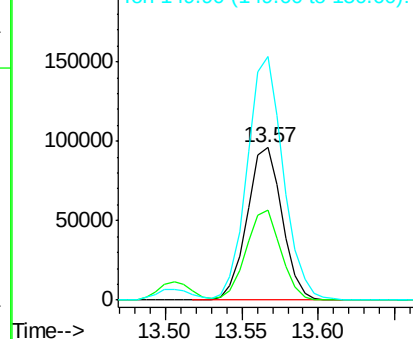
152 100

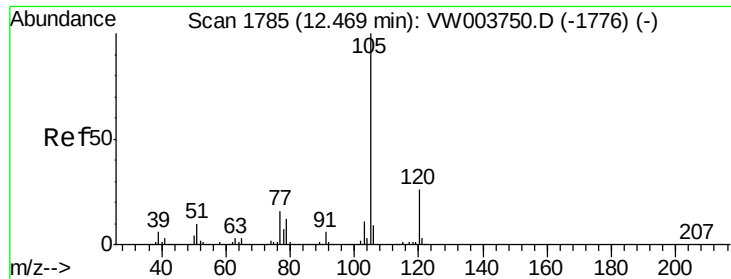
115 58.6 28.9 86.8

150 164.5 0.0 342.4



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





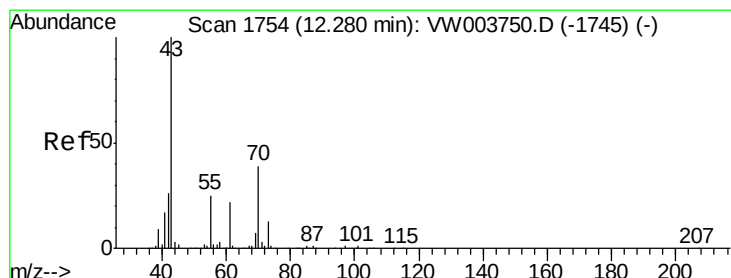
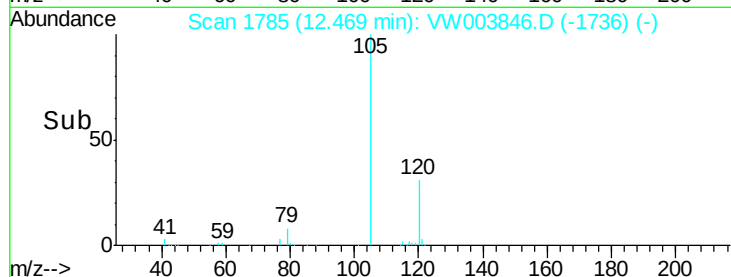
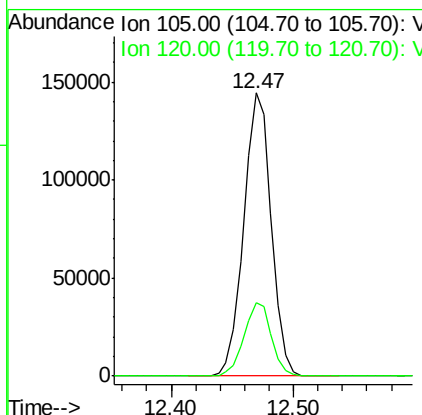
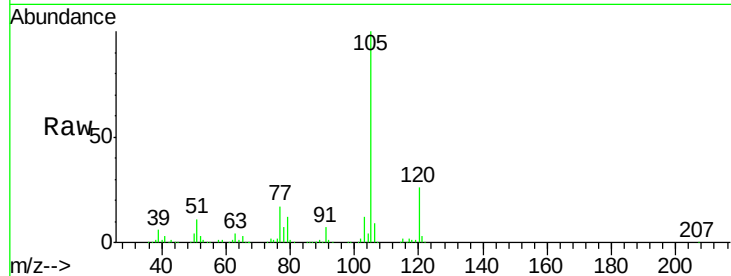
#73
Isopropylbenzene
Concen: 21.70 ug/l
RT: 12.47 min Scan# 1785
Delta R.T. -0.00 min
Lab File: VW003846.D
Acq: 11 Jul 2018 02:03

Instrument :
MSVOA_W
ClientSampleId :
VW0710SBSD02

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.0	13.1	39.3

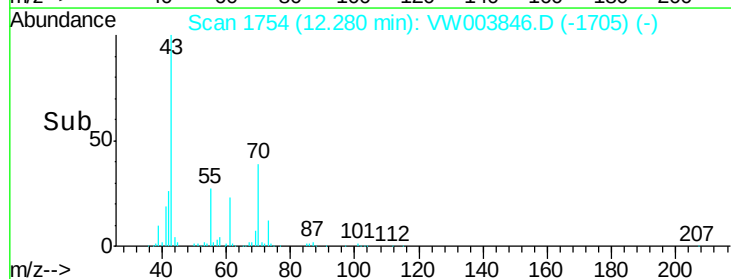
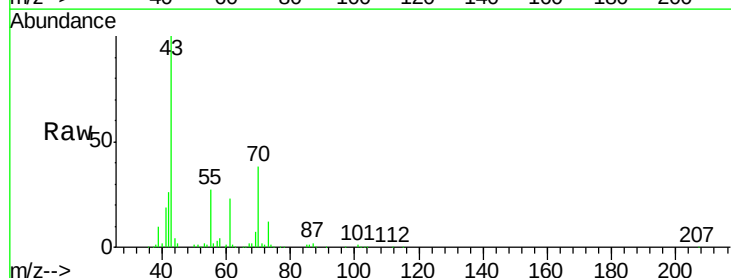
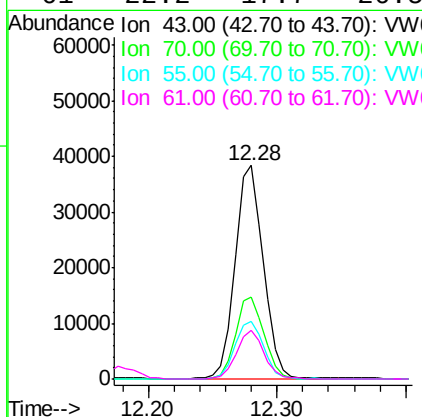
Manual Integrations
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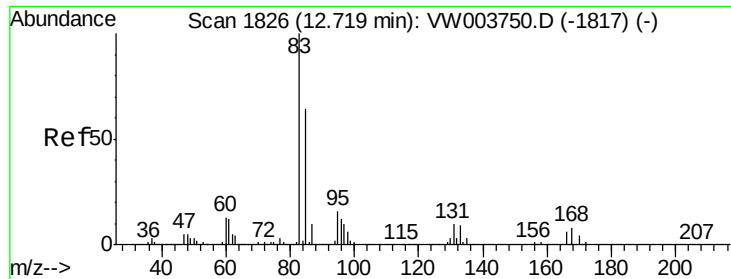
apatel
7/11/2018 1:00:19 PM



#74
N-ethyl acetate
Concen: 20.86 ug/l
RT: 12.28 min Scan# 1754
Delta R.T. -0.00 min
Lab File: VW003846.D
Acq: 11 Jul 2018 02:03

Tgt Ion	Ratio	Lower	Upper
43	100		
70	38.4	31.3	46.9
55	27.6	20.1	30.1
61	22.2	17.7	26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 21.73 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VW003846.D

Acq: 11 Jul 2018 02:03

Instrument :

MSVOA_W

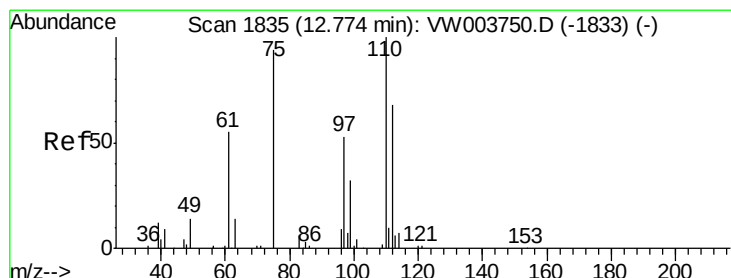
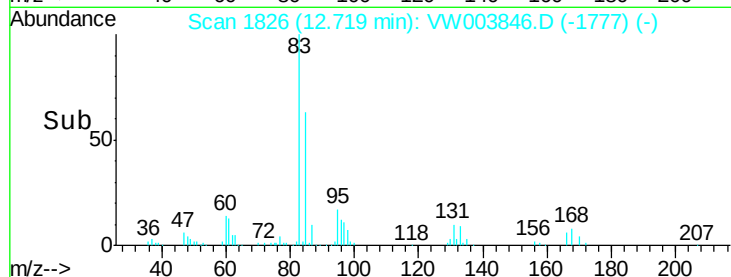
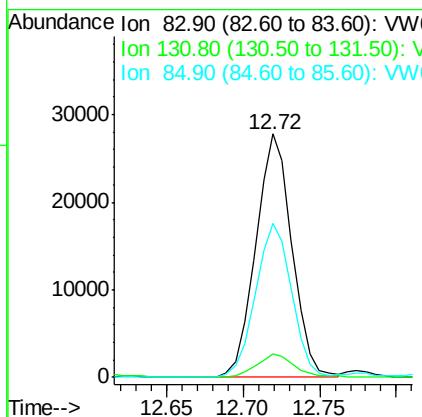
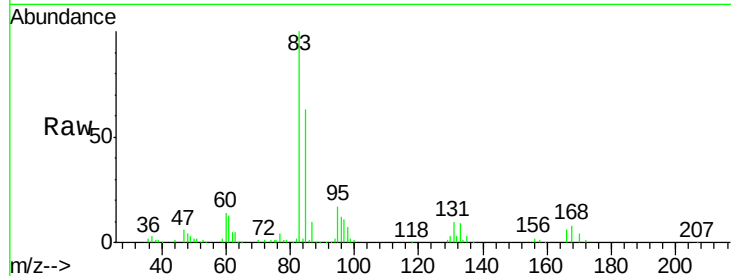
ClientSampled :

VW0710SBSD02

Tot Ion:	83	Resp:	45587
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.1	15.4
85	63.2	32.1	96.3

Manual Integrations
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7/11/2018 1:00:19 PM



#76

1,2,3-Trichloropropane

Concen: 19.97 ug/l m

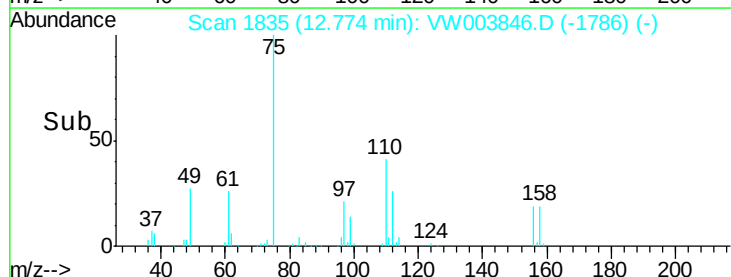
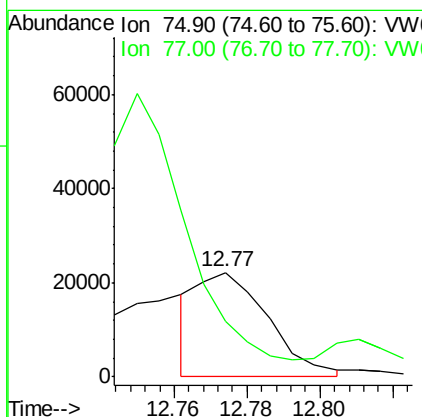
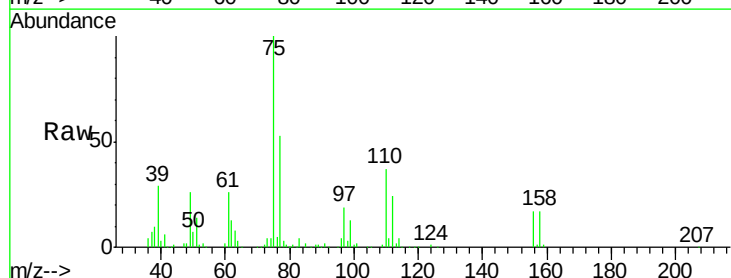
RT: 12.77 min Scan# 1835

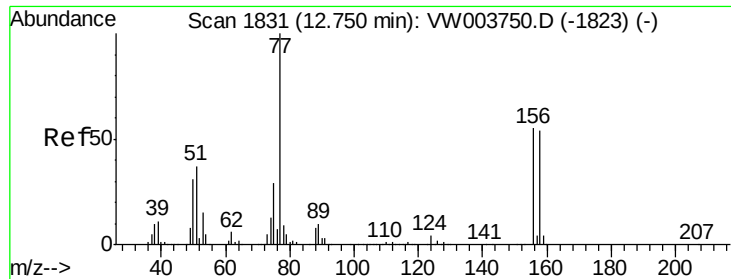
Delta R.T. -0.00 min

Lab File: VW003846.D

Acq: 11 Jul 2018 02:03

Tgt Ion:	75	Resp:	29956
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.34 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VW003846.D

Acq: 11 Jul 2018 02:03

Instrument :

MSVOA_W

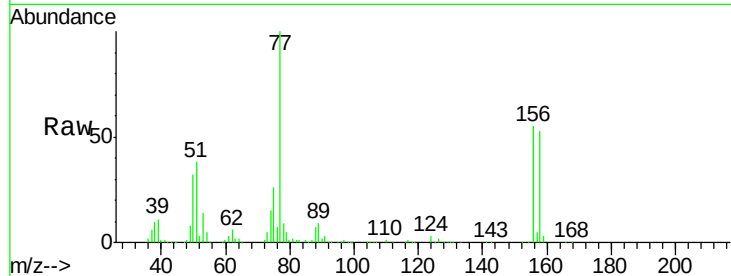
ClientSampleId :

VW0710SBSD02

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	195.1	98.7	296.0	
158	97.8	49.0	147.0	

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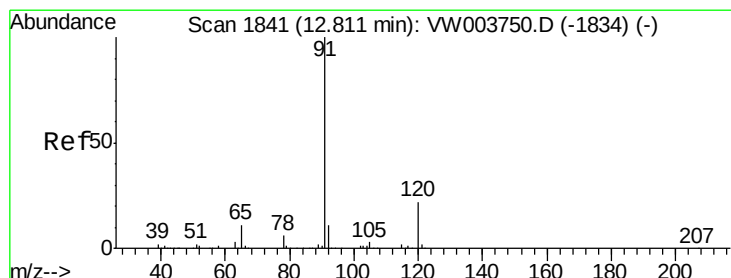
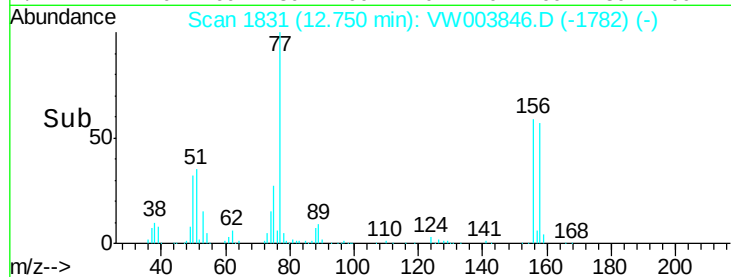
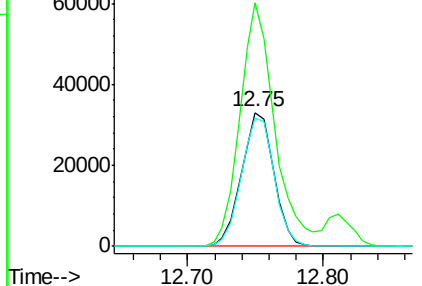
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 22.22 ug/l

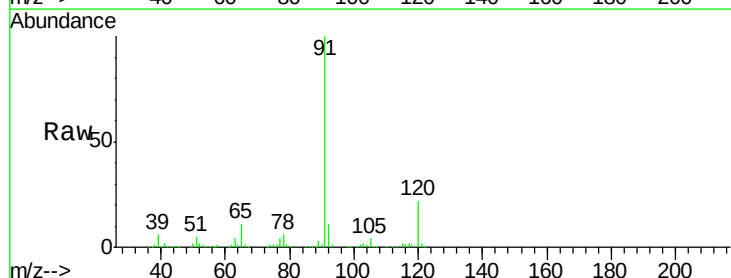
RT: 12.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VW003846.D

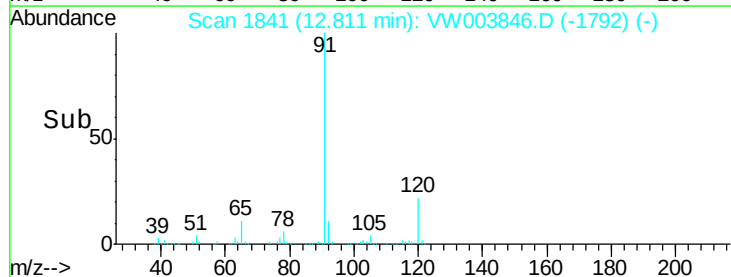
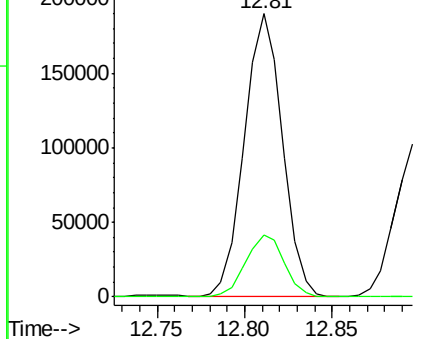
Acq: 11 Jul 2018 02:03

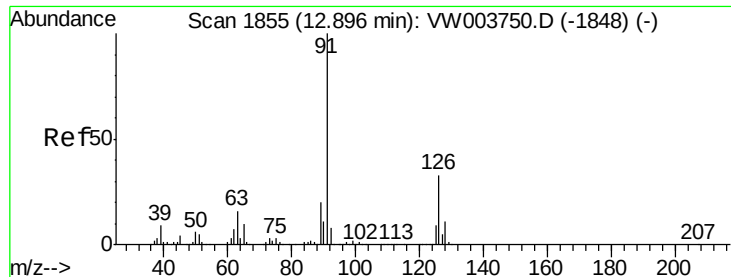
Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	22.2	11.2	33.6	



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.85 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW003846.D

Acq: 11 Jul 2018 02:03

Instrument :

MSVOA_W

ClientSampled :

VW0710SBSD02

Tot Ion: 91 Resp: 163042

Ion Ratio Lower Upper

91 100

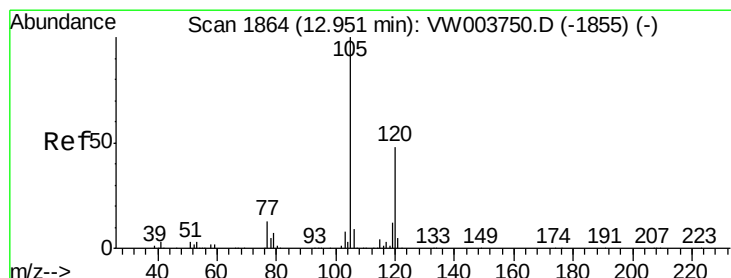
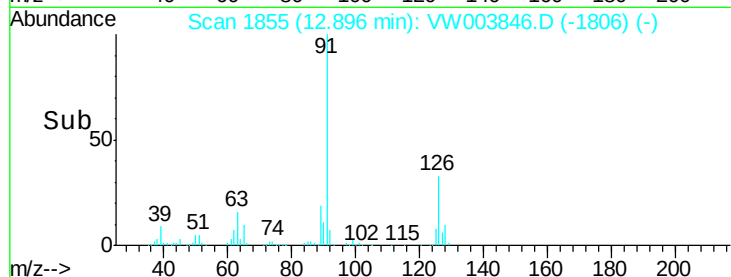
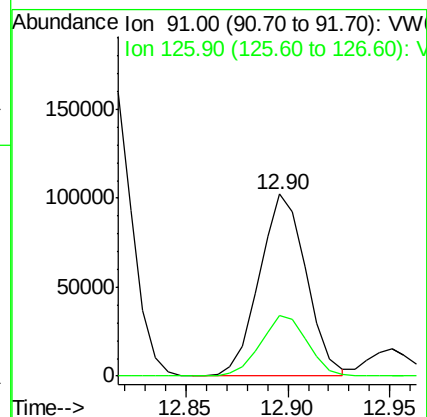
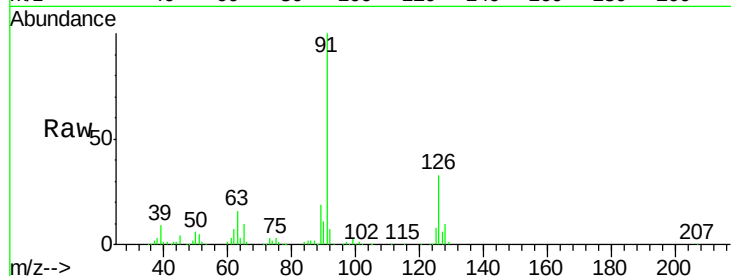
126 33.5 17.0 51.0

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#80

1,3,5-Trimethylbenzene

Concen: 22.34 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VW003846.D

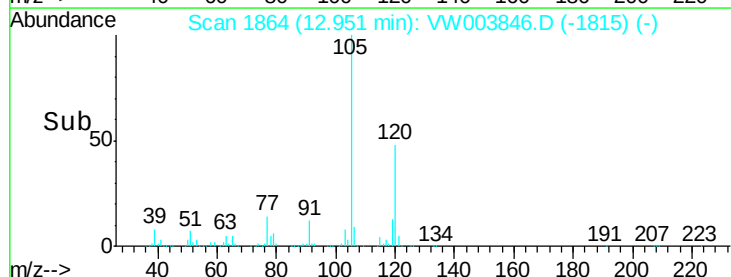
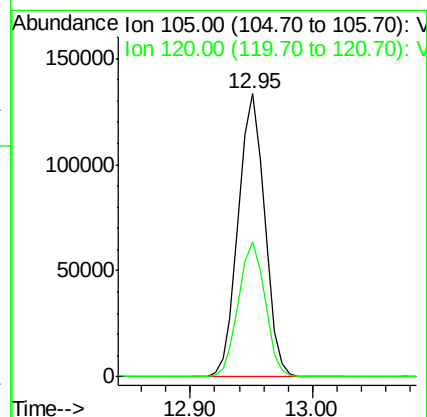
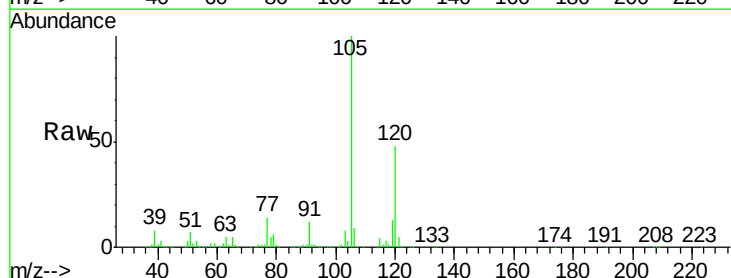
Acq: 11 Jul 2018 02:03

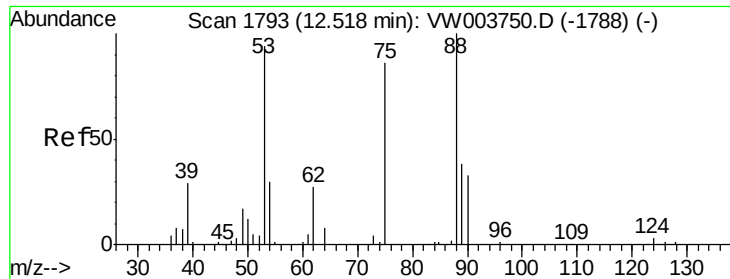
Tgt Ion:105 Resp: 199244

Ion Ratio Lower Upper

105 100

120 48.2 24.2 72.6





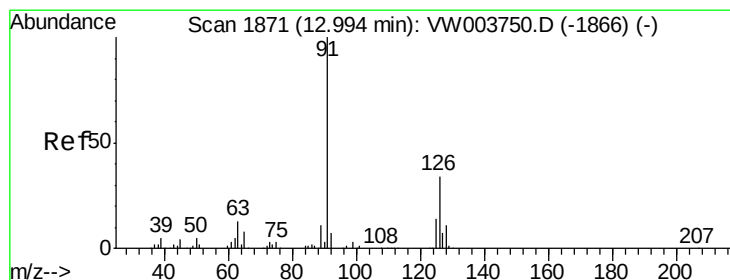
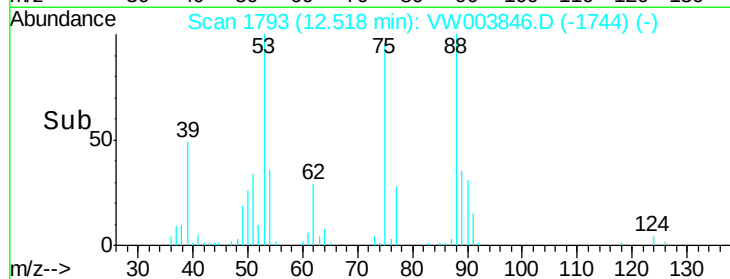
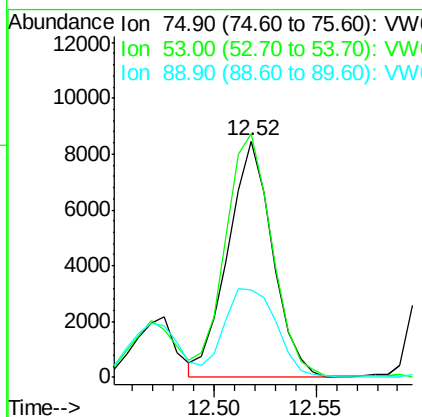
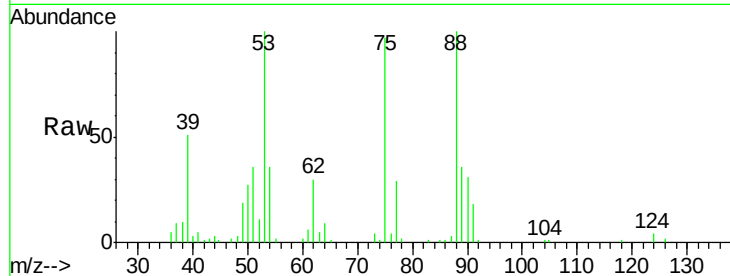
#81
trans-1,4-Dichloro-2-butene
Concen: 20.92 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VW003846.D
Acq: 11 Jul 2018 02:03

Instrument :
MSVOA_W
ClientSampleId :
VW0710SBSD02

Tot Ion	Ratio	Lower	Upper
75	100		
53	109.3	85.0	127.6
89	43.8	36.3	54.5

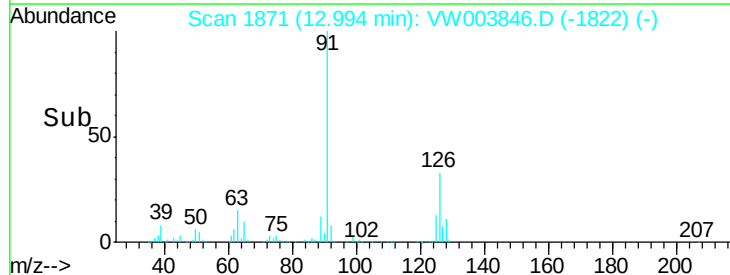
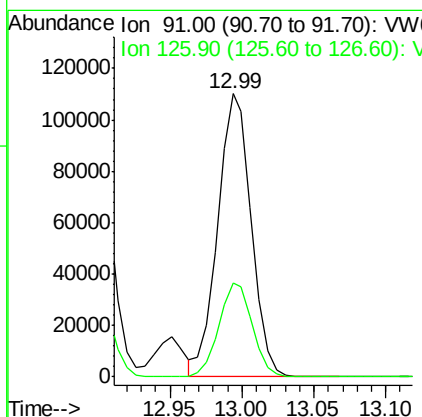
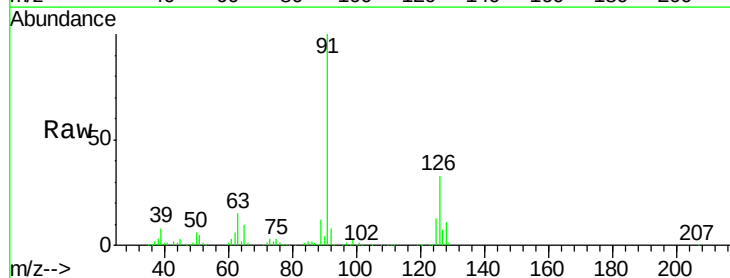
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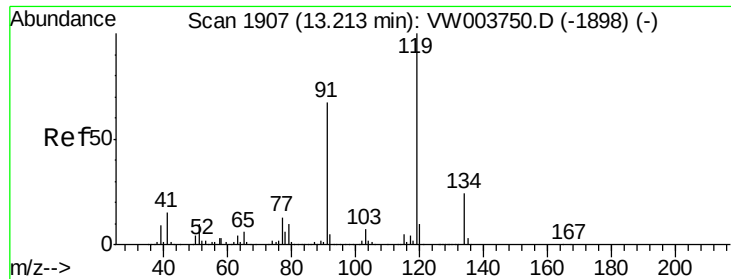
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#82
4-Chlorotoluene
Concen: 22.19 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. -0.00 min
Lab File: VW003846.D
Acq: 11 Jul 2018 02:03

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.4	16.5	49.5





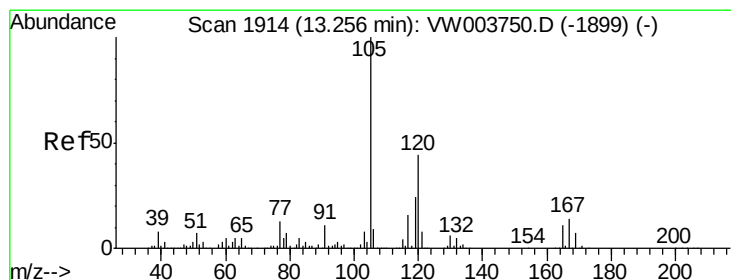
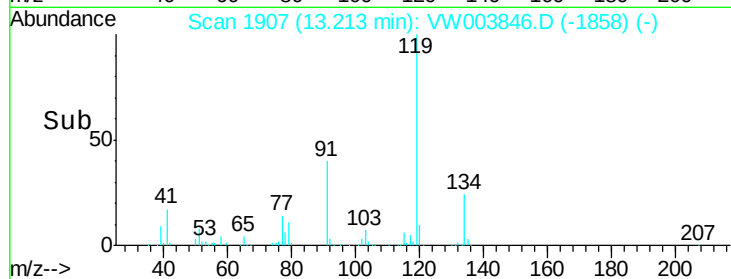
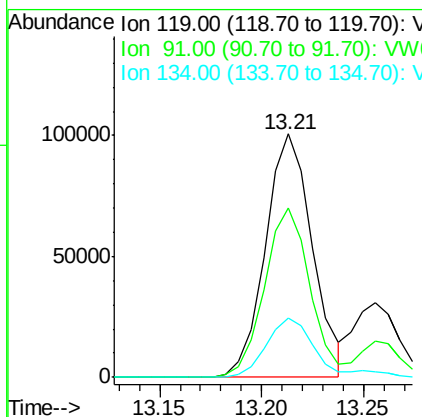
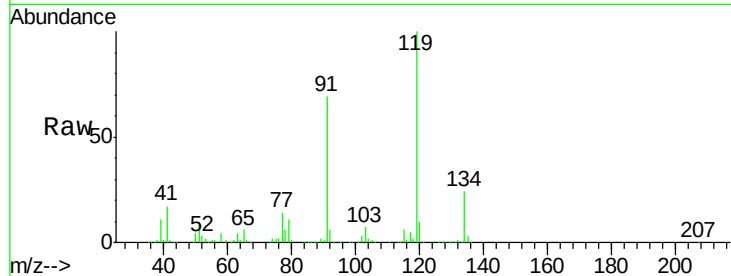
#83
 tert-Butylbenzene
 Concen: 21.92 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VW003846.D
 Acq: 11 Jul 2018 02:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0710SBSD02

Tot Ion	Ratio	Lower	Upper
119	100		
91	67.3	33.0	98.9
134	26.1	12.8	38.4

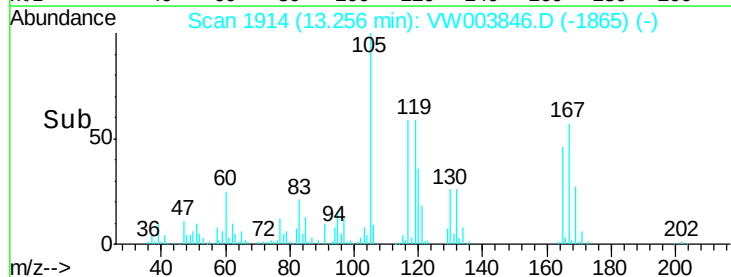
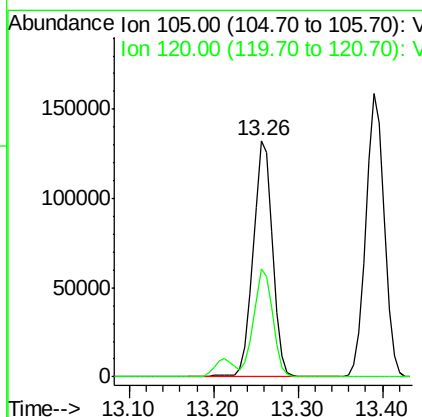
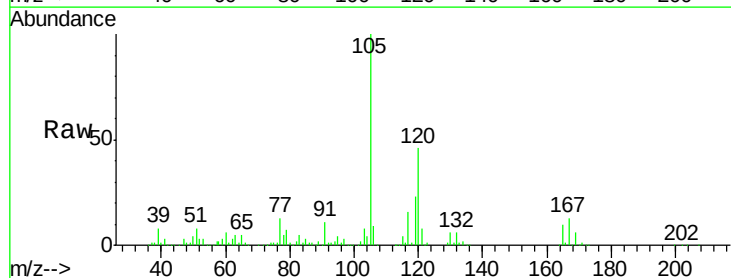
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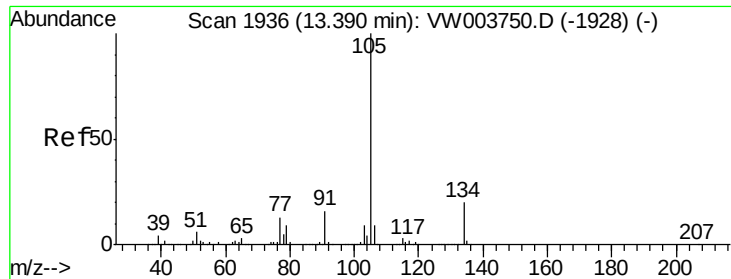
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#84
 1,2,4-Trimethylbenzene
 Concen: 22.11 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: VW003846.D
 Acq: 11 Jul 2018 02:03

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.0	22.0	66.0





#85

sec-Butylbenzene

Concen: 21.95 ug/l

RT: 13.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VW003846.D

Acq: 11 Jul 2018 02:03

Instrument :

MSVOA_W

ClientSampleId :

VW0710SBS02

Tot Ion:105 Resp: 241533

Ion Ratio Lower Upper

105 100

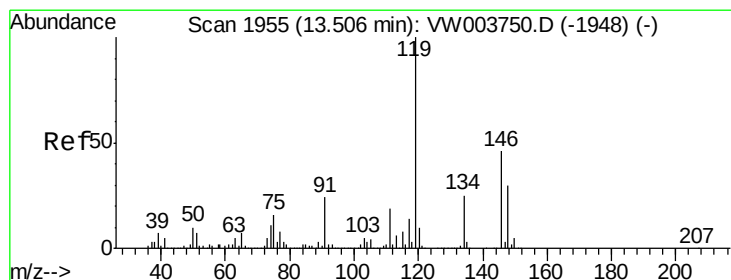
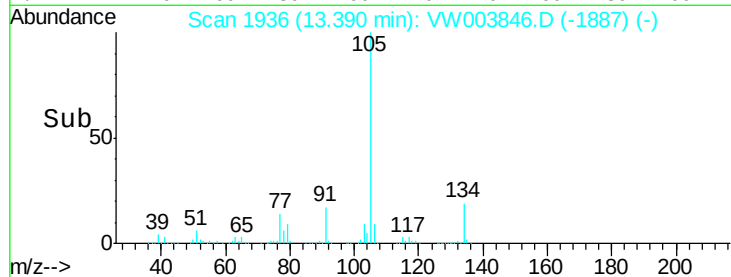
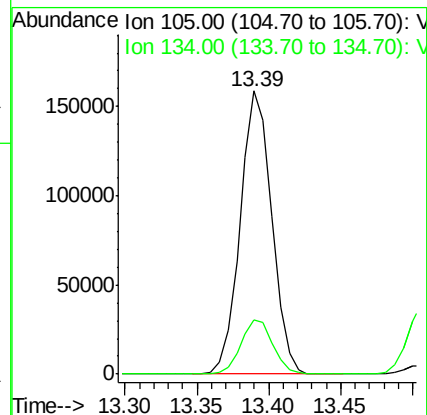
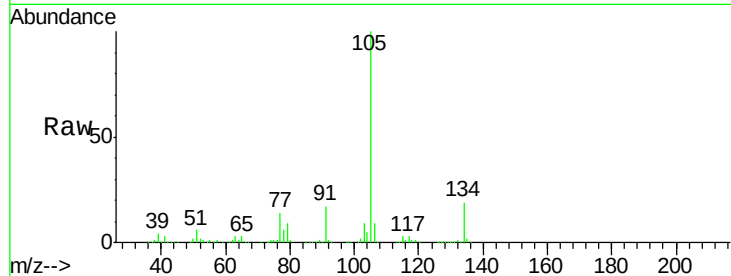
134 19.4 9.8 29.4

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#86

p-Isopropyltoluene

Concen: 22.22 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW003846.D

Acq: 11 Jul 2018 02:03

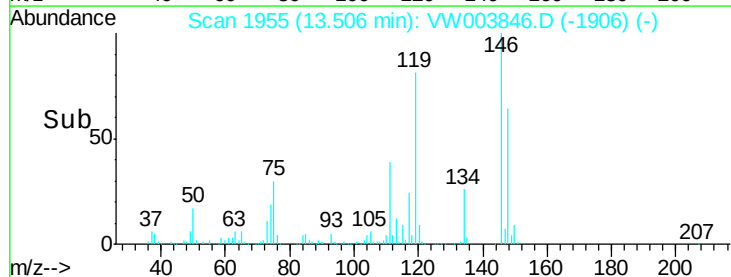
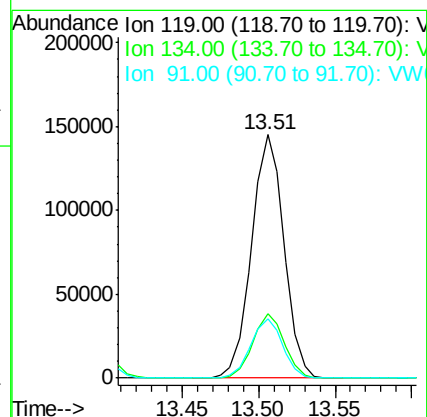
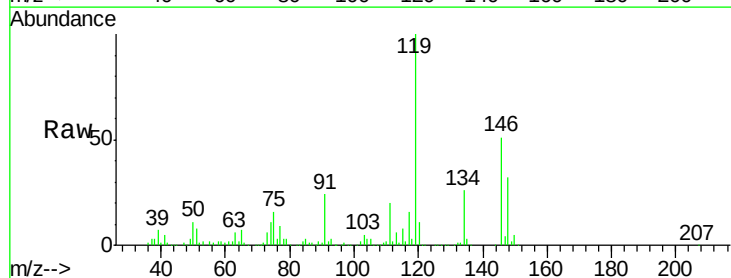
Tgt Ion:119 Resp: 213607

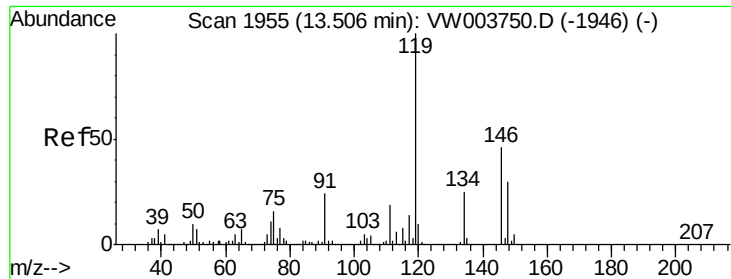
Ion Ratio Lower Upper

119 100

134 25.8 13.1 39.1

91 23.9 11.9 35.9





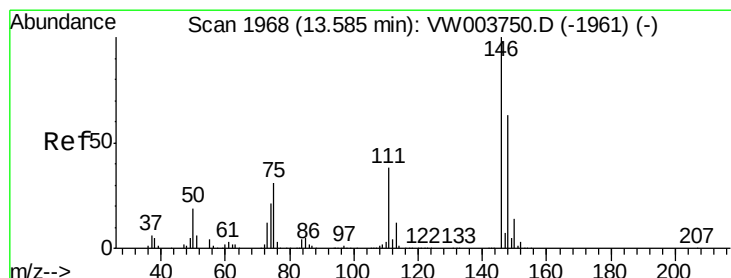
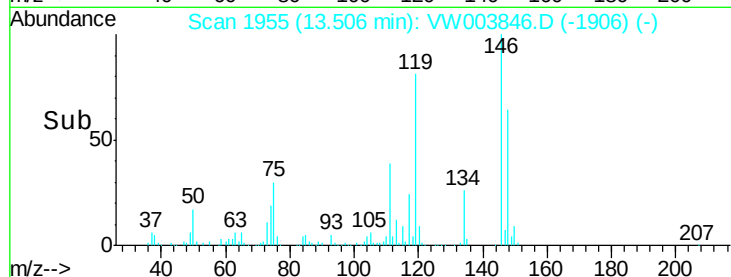
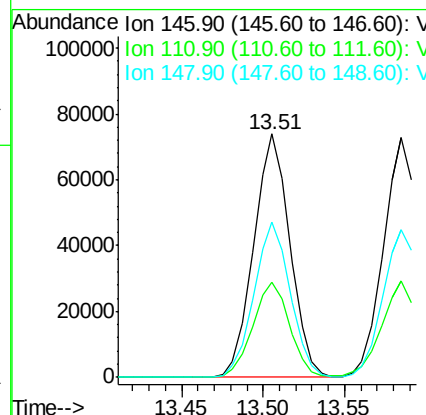
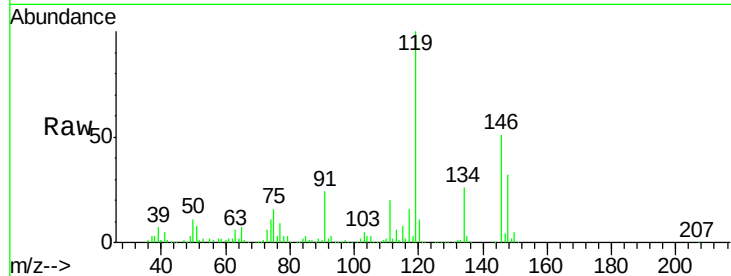
#87
 1,3-Dichlorobenzene
 Concen: 22.00 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW003846.D
 Acq: 11 Jul 2018 02:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0710SBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	20.2	60.5
148	63.8	31.9	95.7

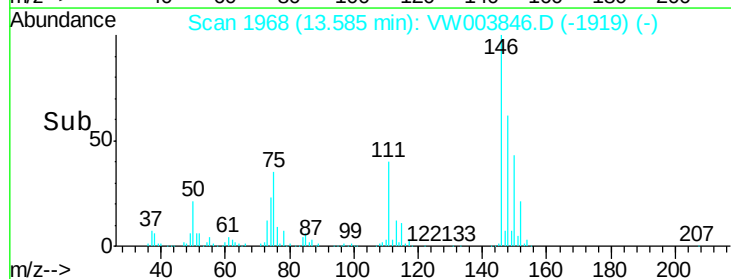
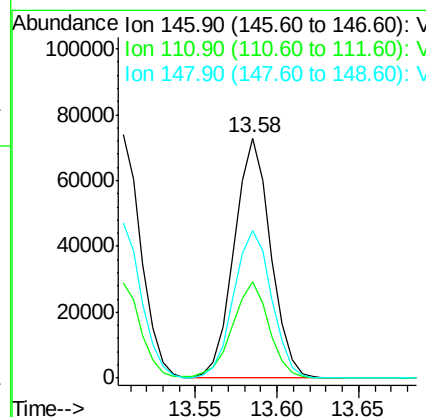
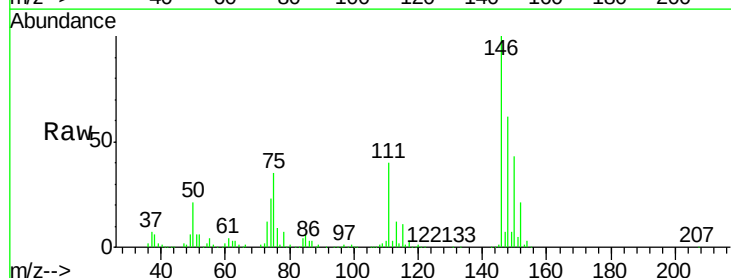
Manual Integrations
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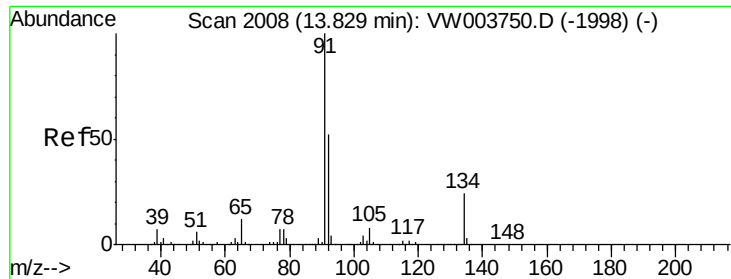
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#88
 1,4-Dichlorobenzene
 Concen: 21.70 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VW003846.D
 Acq: 11 Jul 2018 02:03

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.3	19.4	58.4
148	63.9	31.9	95.7





#89

n-Butylbenzene

Concen: 22.02 ug/l

RT: 13.83 min Scan# 2009

Delta R.T. 0.01 min

Lab File: VW003846.D

Acq: 11 Jul 2018 02:03

Instrument :

MSVOA_W

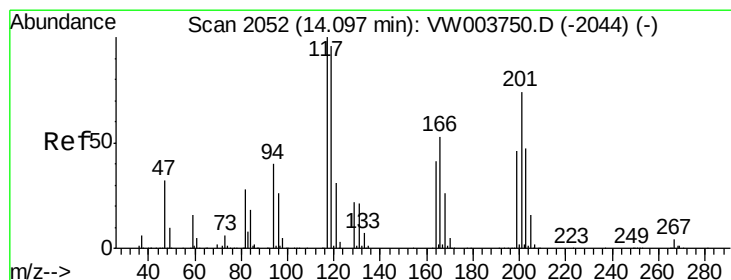
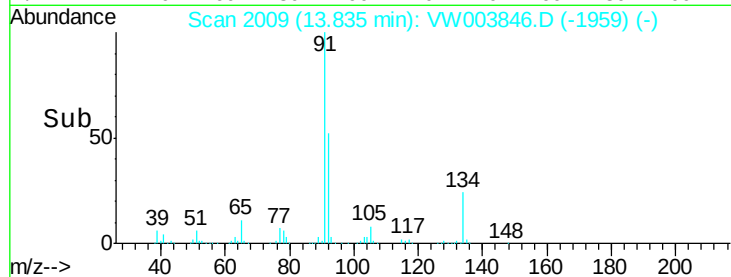
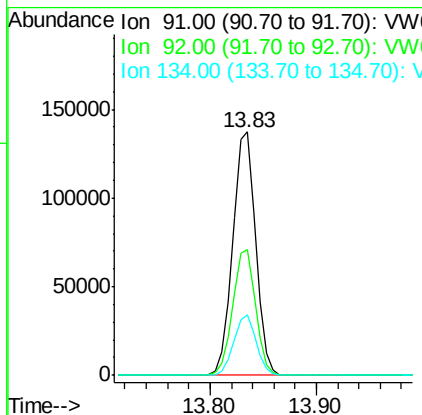
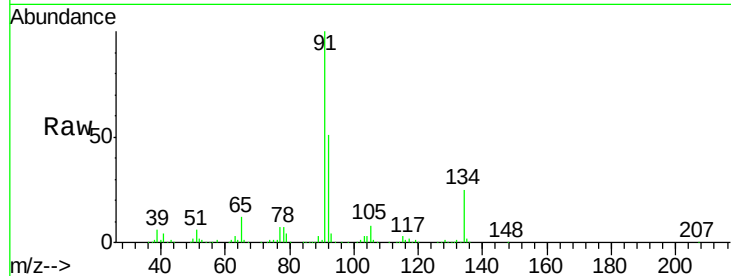
ClientSampleId :

VW0710SBSD02

Tot Ion:	91	Resp:	208271
Ion Ratio	Lower	Upper	
91	100		
92	51.4	26.1	78.3
134	24.2	12.4	37.4

Manual Integrations
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#90

Hexachloroethane

Concen: 21.86 ug/l

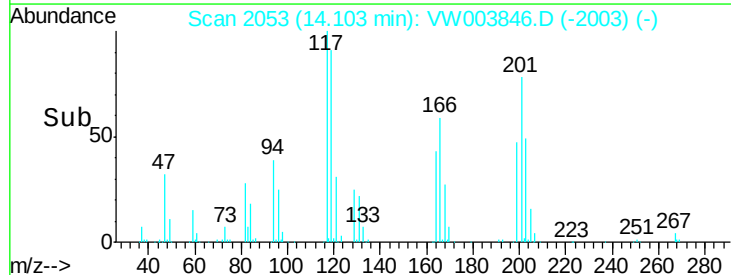
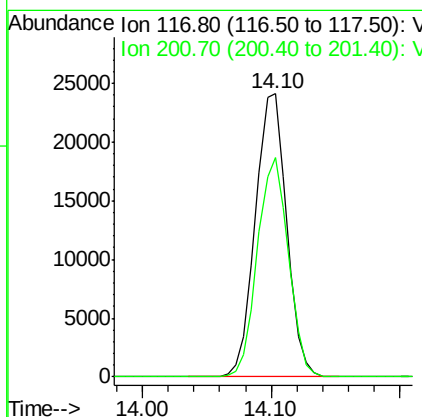
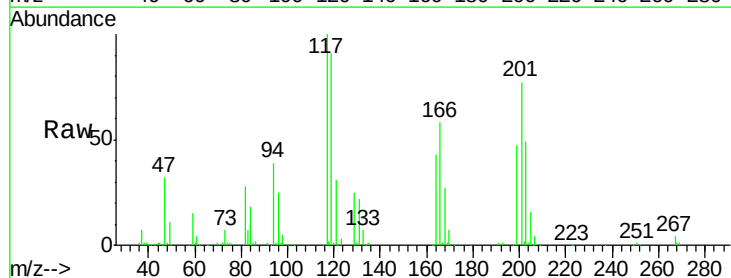
RT: 14.10 min Scan# 2053

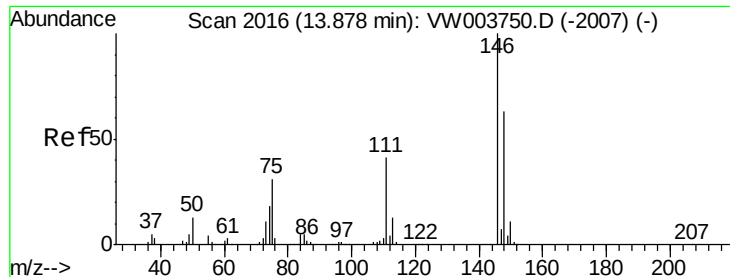
Delta R.T. 0.01 min

Lab File: VW003846.D

Acq: 11 Jul 2018 02:03

Tgt Ion:	117	Resp:	40485
Ion Ratio	Lower	Upper	
117	100		
201	76.6	39.2	117.6





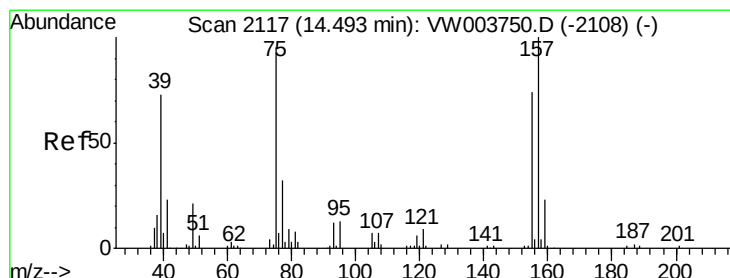
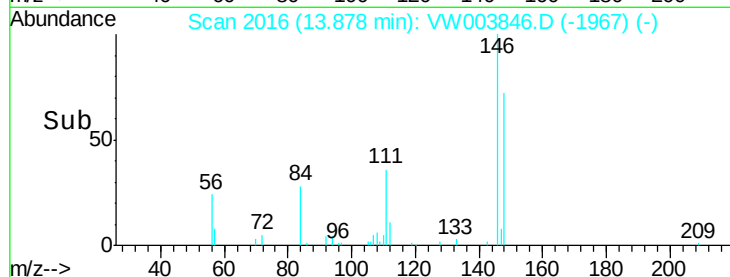
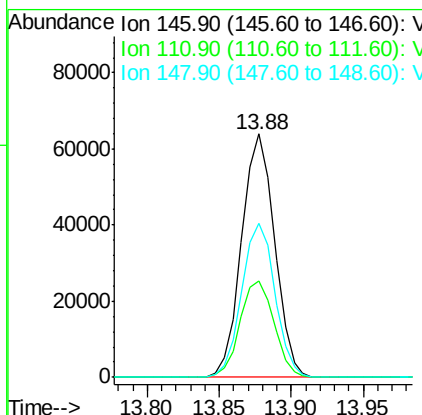
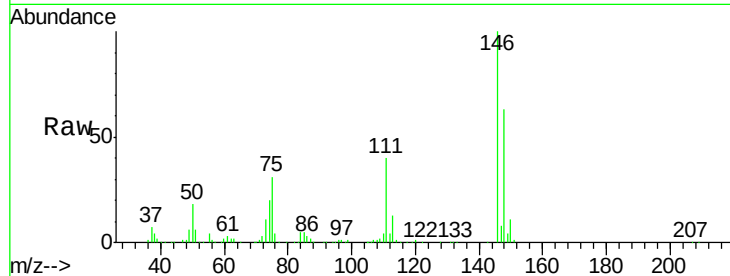
#91
 1,2-Dichlorobenzene
 Concen: 21.72 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: VW003846.D
 Acq: 11 Jul 2018 02:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0710SBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.7	62.1
148	63.8	31.9	95.9

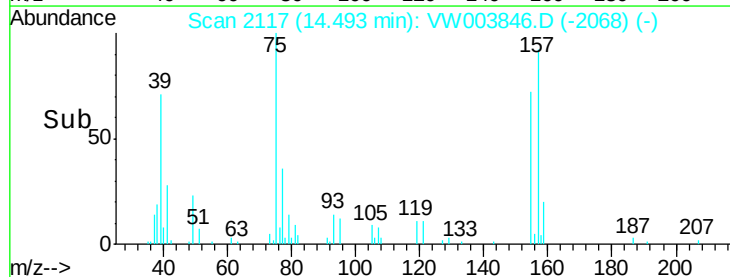
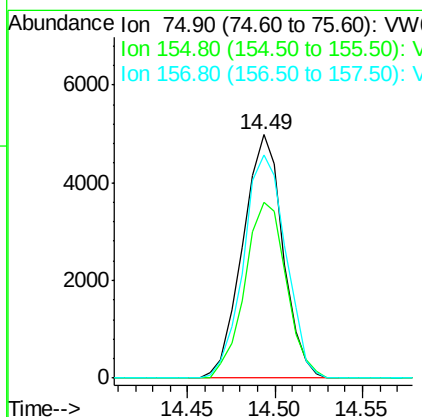
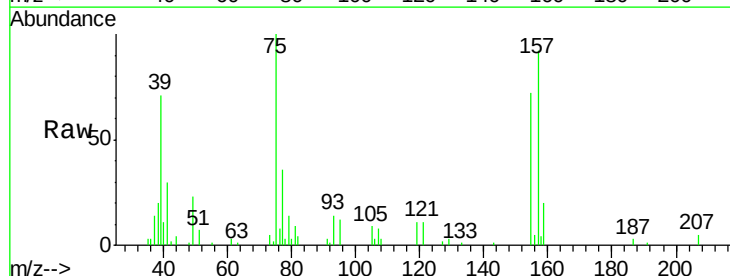
Manual Integrations
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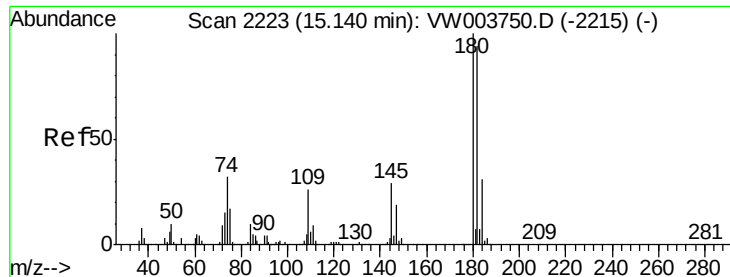
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.96 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VW003846.D
 Acq: 11 Jul 2018 02:03

Tgt Ion	Ratio	Lower	Upper
75	100		
155	74.6	39.2	117.6
157	96.2	50.7	152.1





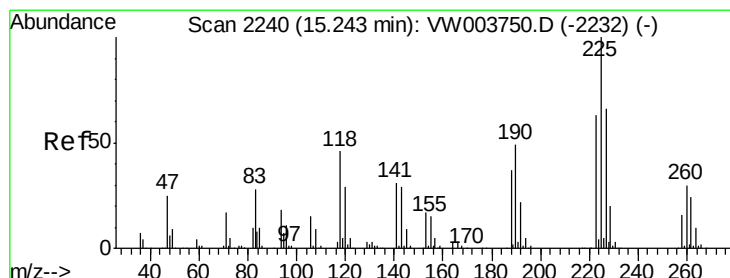
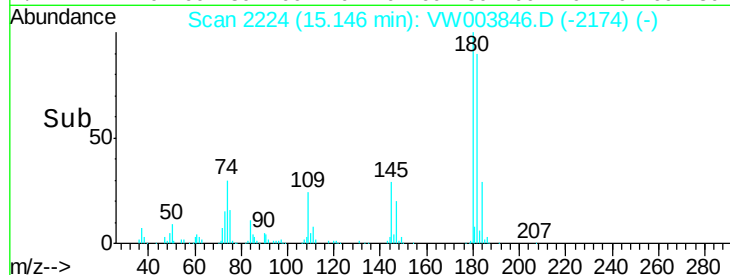
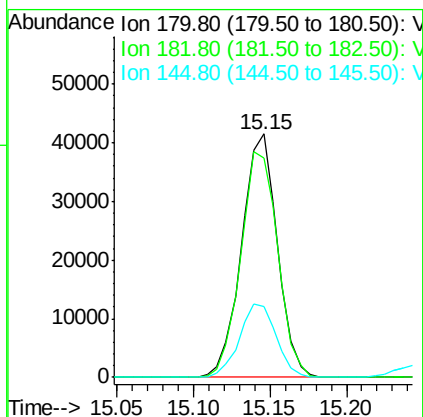
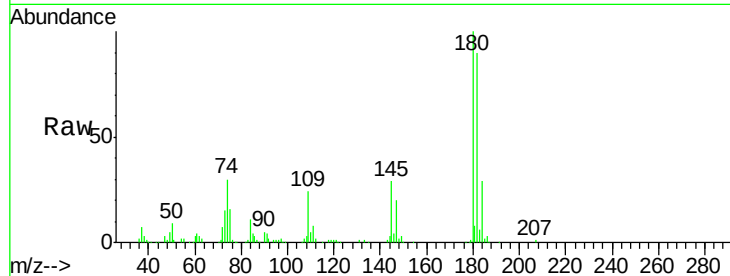
#93
 1,2,4-Trichlorobenzene
 Concen: 21.23 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.01 min
 Lab File: VW003846.D
 Acq: 11 Jul 2018 02:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0710SBSD02

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.4	142.2
145	31.0	15.0	45.0

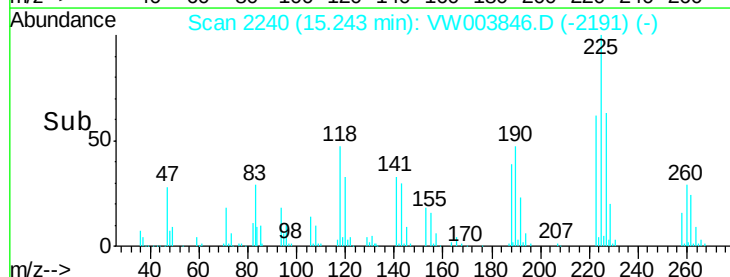
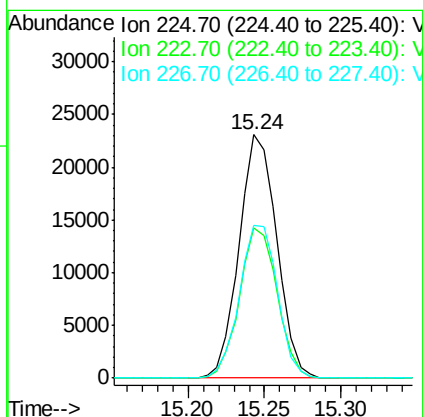
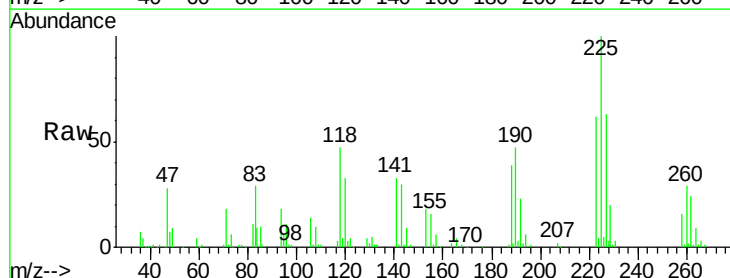
Manual Integrations
 APPROVED

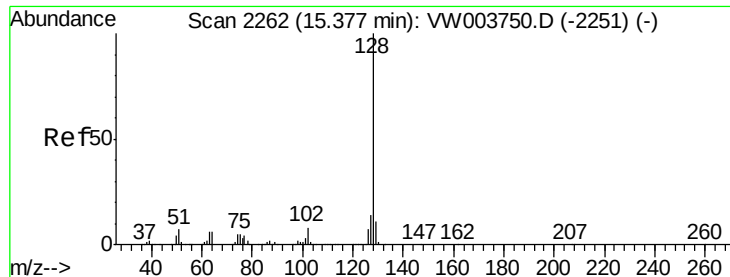
apatel
 7/11/2018 1:00:19 PM



#94
 Hexachlorobutadiene
 Concen: 21.81 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. -0.00 min
 Lab File: VW003846.D
 Acq: 11 Jul 2018 02:03

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	32.6	97.7
227	63.5	32.5	97.5





#95

Naphthalene

Concen: 21.63 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. -0.00 min

Lab File: VW003846.D

Acq: 11 Jul 2018 02:03

Instrument :

MSVOA_W

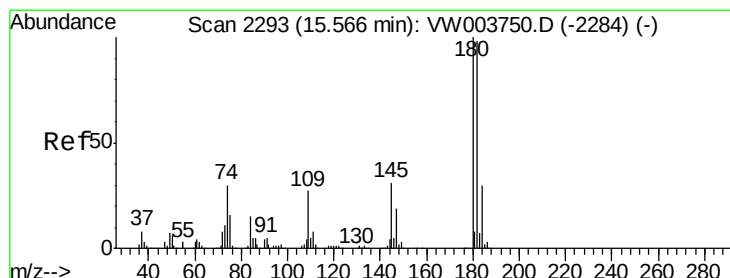
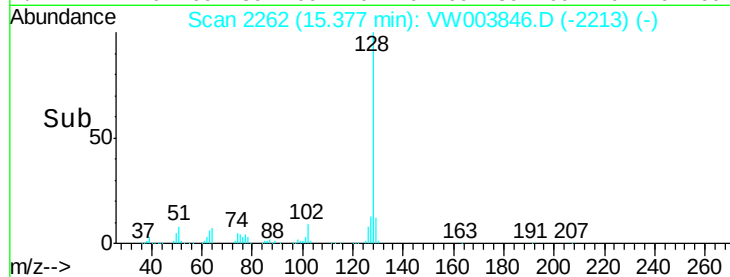
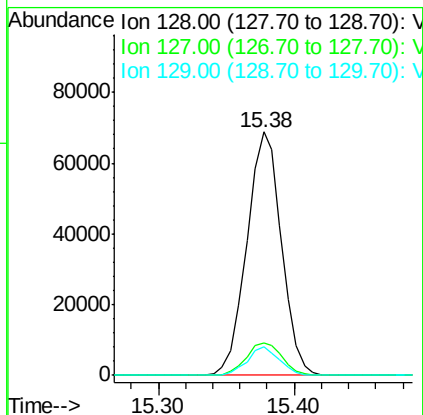
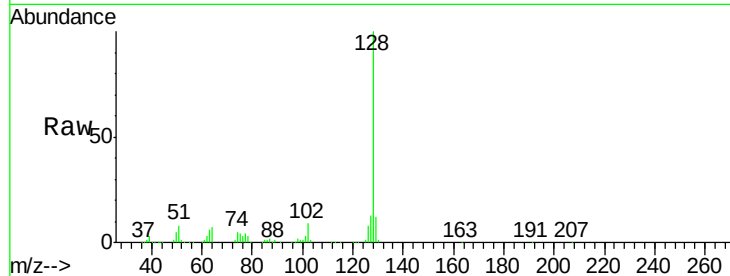
ClientSampleId :

VW0710SBSD02

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.8	16.2
129	11.0	8.6	13.0

Manual Integrations
APPROVED

apatel
7/11/2018 1:00:19 PM



#96

1,2,3-Trichlorobenzene

Concen: 21.57 ug/l

RT: 15.57 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VW003846.D

Acq: 11 Jul 2018 02:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.4	142.3
145	32.8	15.8	47.4

