

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070718\
 Data File : VW003752.D
 Acq On : 07 Jul 2018 00:58
 Operator : SY/AP
 Sample : VSTDICC100
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

apatel
 7/9/2018 10:26:12 AM

Quant Time: Jul 07 04:18:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 03:50:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	228929	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	367194	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	349287	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	181656	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	293316	105.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	211.54%	
35) Dibromofluoromethane	7.88	113	258169	106.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	213.52%	
50) Toluene-d8	10.32	98	1017395	107.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	214.90%	
62) 4-Bromofluorobenzene	12.62	95	368331	108.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	216.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	112058	101.89	ug/l	96
3) Chloromethane	2.20	50	180551	97.99	ug/l	95
4) Vinyl Chloride	2.36	62	252926	100.84	ug/l	99
5) Bromomethane	2.77	94	179344	107.46	ug/l	99
6) Chloroethane	2.91	64	163777	108.69	ug/l	99
7) Trichlorofluoromethane	3.24	101	97021	75.50	ug/l	99
8) Diethyl Ether	3.67	74	120151	100.25	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.04	101	175752	79.48	ug/l	100
10) Methyl Iodide	4.26	142	333743	102.95	ug/l	100
11) Tert butyl alcohol	5.22	59	84300	494.68	ug/l #	83
12) 1,1-Dichloroethene	4.03	96	177187	80.66	ug/l	97
13) Acrolein	3.89	56	80455	726.73	ug/l	99
14) Allyl chloride	4.65	41	386902	102.88	ug/l	98
15) Acrylonitrile	5.37	53	297983	514.31	ug/l	99
16) Acetone	4.15	43	226079	351.18	ug/l	99
17) Carbon Disulfide	4.37	76	688020	104.29	ug/l	99
18) Methyl Acetate	4.67	43	147892	92.52	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	465135	106.75	ug/l	99
20) Methylene Chloride	4.90	84	247563	83.05	ug/l	99
21) trans-1,2-Dichloroethene	5.41	96	255961	105.78	ug/l	98
22) Diisopropyl ether	6.31	45	848500	108.74	ug/l	98
23) Vinyl Acetate	6.26	43	2685717	564.78	ug/l	100
24) 1,1-Dichloroethane	6.21	63	488465	105.33	ug/l	100
25) 2-Butanone	7.18	43	418375	495.69	ug/l	99
26) 2,2-Dichloropropane	7.17	77	248008	88.82	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	284574	107.64	ug/l	98
28) Bromochloromethane	7.51	49	212829	105.05	ug/l	99
29) Tetrahydrofuran	7.54	42	272853	533.22	ug/l	99
30) Chloroform	7.68	83	491486	104.64	ug/l	99
31) Cyclohexane	7.95	56	409537	97.64	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	368570	101.16	ug/l	99
36) 1,1-Dichloropropene	8.08	75	383270	103.09	ug/l	100
37) Ethyl Acetate	7.26	43	188031	103.03	ug/l	99
38) Carbon Tetrachloride	8.07	117	356881	100.97	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	446627	104.93	ug/l	99
40) Benzene	8.32	78	1102789	105.18	ug/l	98
41) Methacrylonitrile	7.49	41	111512	107.10	ug/l	99
42) 1,2-Dichloroethane	8.40	62	342296	102.99	ug/l	99
43) Isopropyl Acetate	8.43	43	371997	107.75	ug/l	99
44) Trichloroethene	9.09	130	275842	101.96	ug/l	99
45) 1,2-Dichloropropane	9.37	63	288482	105.81	ug/l	100
46) Dibromomethane	9.46	93	146676	103.11	ug/l	99
47) Bromodichloromethane	9.65	83	371801	106.18	ug/l	100
48) Methyl methacrylate	9.44	41	181854	110.80	ug/l	99
49) 1,4-Dioxane	9.48	88	47175	2128.70	ug/l #	100
51) 4-Methyl-2-Pentanone	10.21	43	976155	534.97	ug/l	100
52) Toluene	10.39	92	696080	106.54	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	390223	107.73	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	439518	107.34	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	206915	103.46	ug/l	96
56) Ethyl methacrylate	10.65	69	288982	114.72	ug/l	99
57) 1,3-Dichloropropane	10.93	76	370933	106.58	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	713779	637.80	ug/l	100
59) 2-Hexanone	10.98	43	676693	521.05	ug/l	99
60) Dibromochloromethane	11.13	129	249152	106.33	ug/l	99
61) 1,2-Dibromoethane	11.24	107	198926	103.53	ug/l	99
64) Tetrachloroethene	10.87	164	252336	104.96	ug/l	99
65) Chlorobenzene	11.66	112	758880	102.41	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	270119	104.44	ug/l	99
67) Ethyl Benzene	11.74	91	1376295	106.38	ug/l	100
68) m/p-Xylenes	11.84	106	1031739	209.28	ug/l	100
69) o-Xylene	12.17	106	490627	107.45	ug/l	100
70) Styrene	12.19	104	841693	109.68	ug/l	100
71) Bromoform	12.35	173	151422	104.52	ug/l #	99
73) Isopropylbenzene	12.47	105	1333053	107.66	ug/l	100
74) N-amyl acetate	12.28	43	369096	111.66	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	246946	100.77	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	164536m	100.09	ug/l	
77) Bromobenzene	12.75	156	313165	105.27	ug/l	97
78) n-propylbenzene	12.81	91	1632182	106.63	ug/l	100
79) 2-Chlorotoluene	12.90	91	925215	106.27	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	1123306	106.98	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	79163	102.49	ug/l	96
82) 4-Chlorotoluene	12.99	91	966446	104.09	ug/l	99
83) tert-Butylbenzene	13.21	119	943972	106.77	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	1150649	106.48	ug/l	99
85) sec-Butylbenzene	13.39	105	1378540	104.99	ug/l	100
86) p-Isopropyltoluene	13.51	119	1227060	106.69	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	614779	101.60	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	606670	100.28	ug/l	100
89) n-Butylbenzene	13.83	91	1192707	105.12	ug/l	100
90) Hexachloroethane	14.10	117	224294	104.83	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	553227	102.07	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	43334	101.19	ug/l	99

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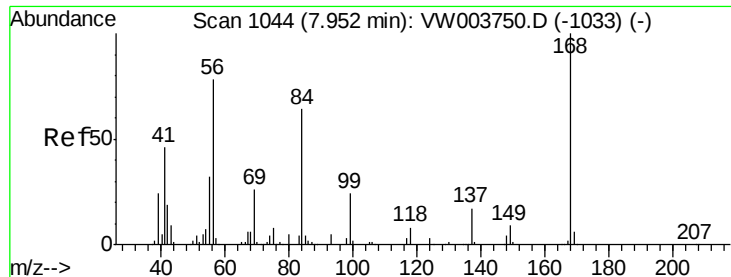
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	390773	102.56	ug/l	100
94) Hexachlorobutadiene	15.24	225	215637	98.65	ug/l	97
95) Naphthalene	15.38	128	760606	109.25	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	347974	102.12	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003752.D

Acq: 07 Jul 2018 00:58

Instrument :

MSVOA_W

ClientSampled :

VSTDIC100

Tot Ion:168 Resp: 228929

Ion Ratio Lower Upper

168 100

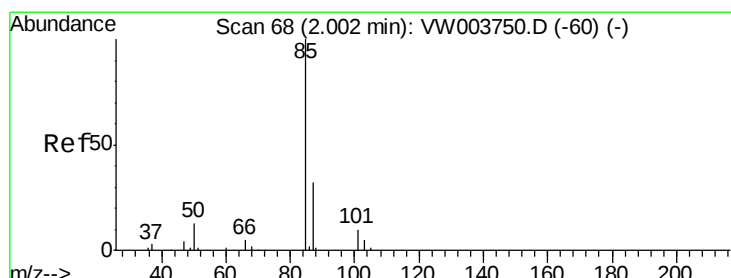
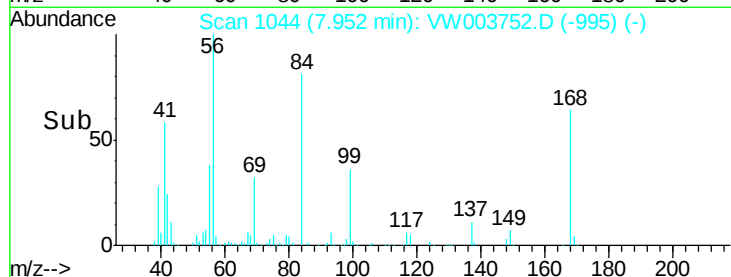
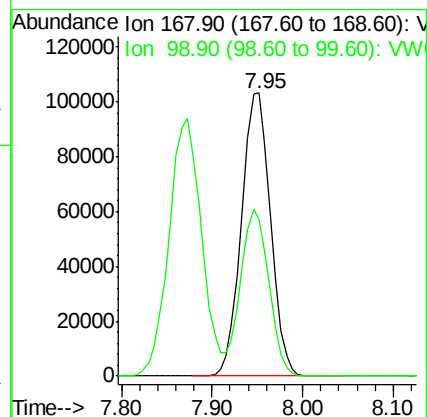
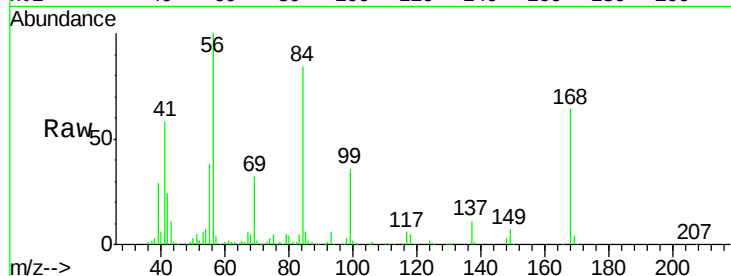
99 55.5 45.0 67.6

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 101.89 ug/l

RT: 2.00 min Scan# 68

Delta R.T. -0.00 min

Lab File: VW003752.D

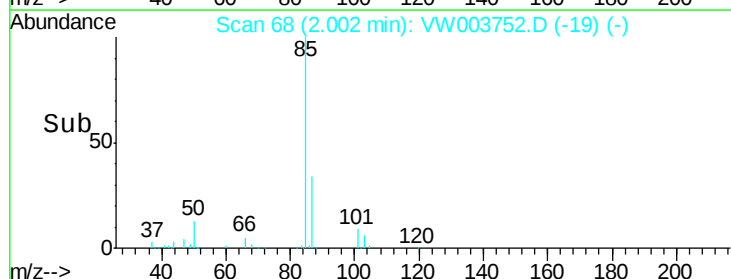
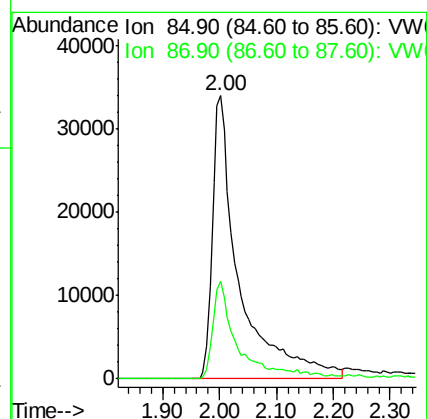
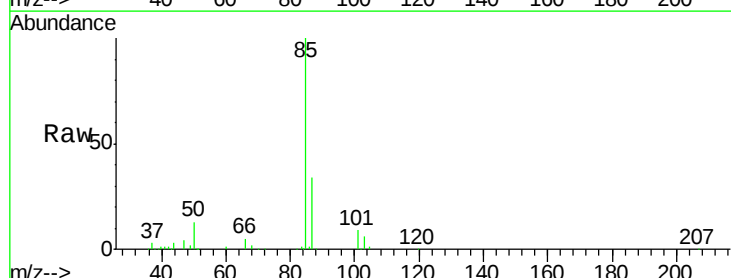
Acq: 07 Jul 2018 00:58

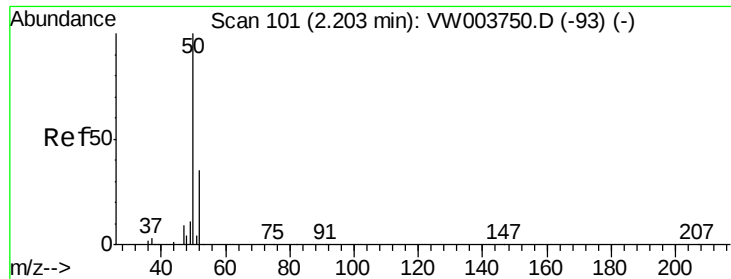
Tgt Ion: 85 Resp: 112058

Ion Ratio Lower Upper

85 100

87 34.4 16.2 48.5





#3

Chloromethane

Concen: 97.99 ug/l

RT: 2.20 min Scan# 101

Delta R.T. -0.00 min

Lab File: VW003752.D

Acq: 07 Jul 2018 00:58

Instrument :

MSVOA_W

ClientSampled :

VSTDIC100

Tot Ion: 50 Resp: 180551

Ion Ratio Lower Upper

50 100

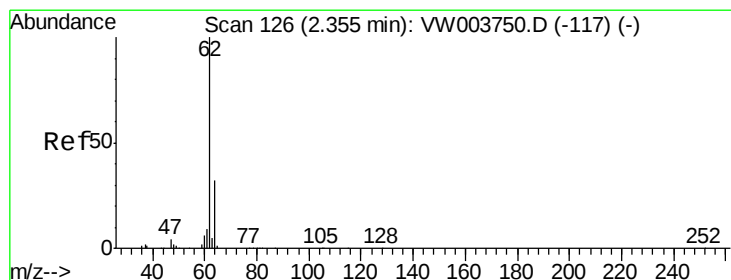
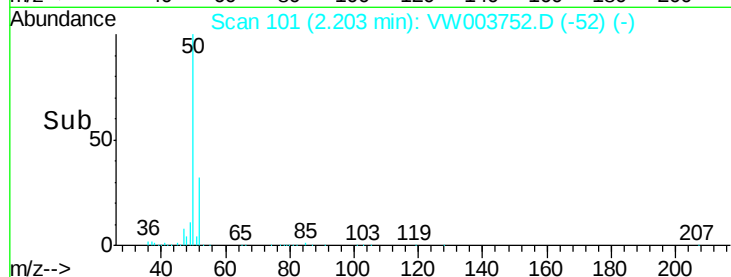
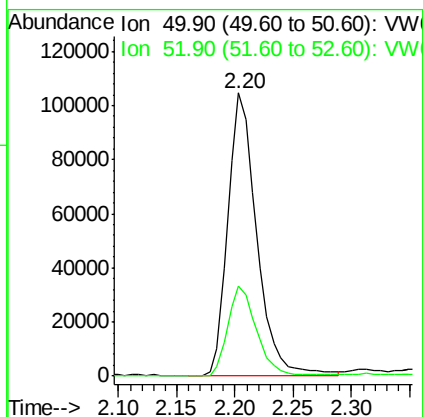
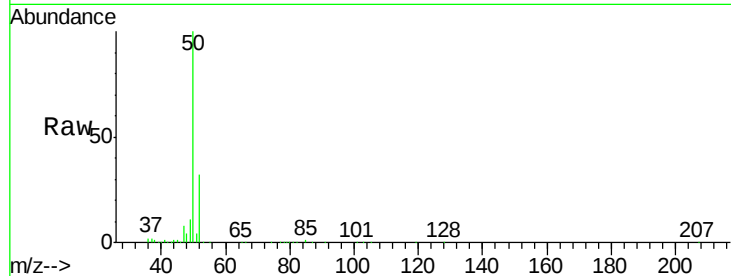
52 31.7 27.8 41.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 100.84 ug/l

RT: 2.36 min Scan# 126

Delta R.T. -0.00 min

Lab File: VW003752.D

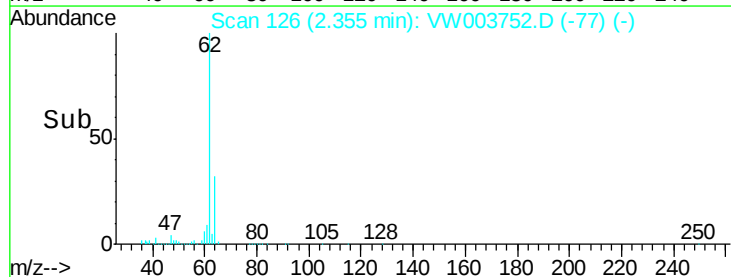
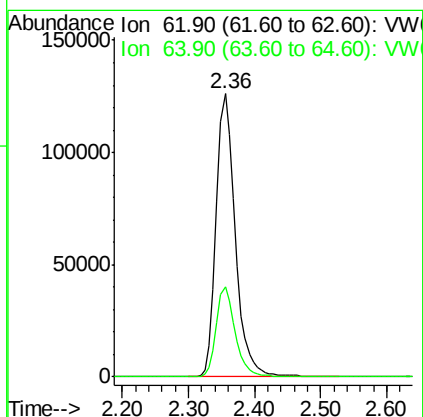
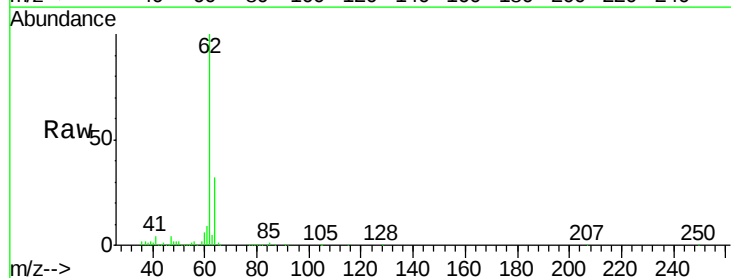
Acq: 07 Jul 2018 00:58

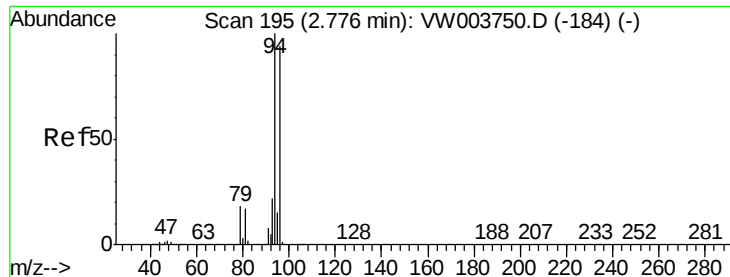
Tgt Ion: 62 Resp: 252926

Ion Ratio Lower Upper

62 100

64 31.7 25.8 38.8





#5

Bromomethane

Concen: 107.46 ug/l

RT: 2.77 min Scan# 194

Delta R.T. -0.01 min

Lab File: VW003752.D

Acq: 07 Jul 2018 00:58

Instrument :

MSVOA_W

ClientSampled :

VSTDIC100

Tot Ion: 94 Resp: 179344

Ion Ratio Lower Upper

94 100

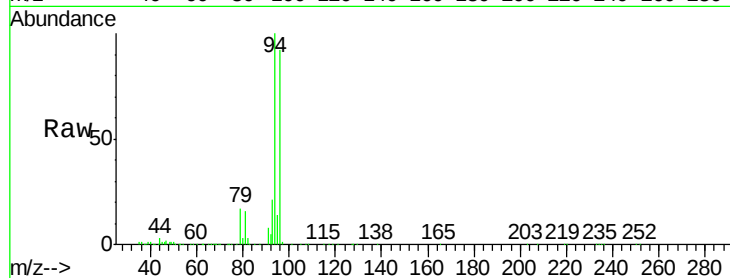
96 92.1 74.8 112.2

Manual Integrations

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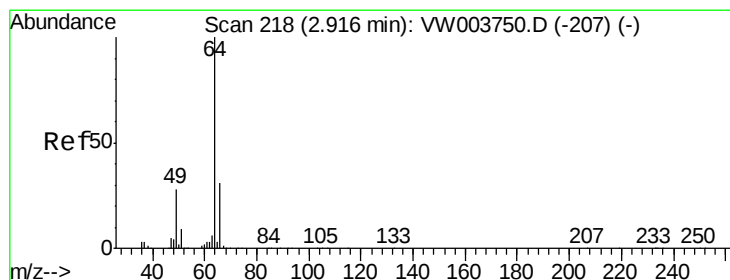
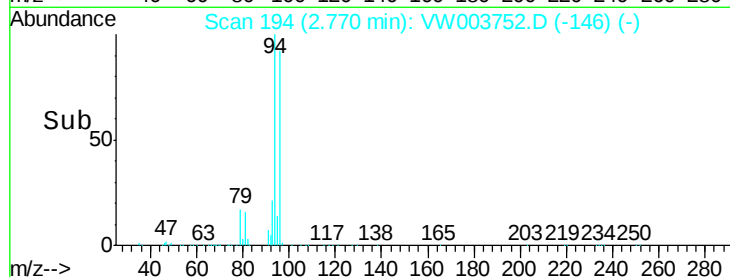
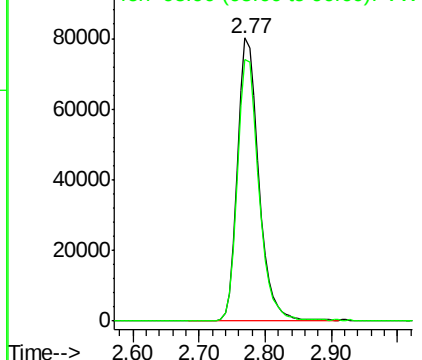
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Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 108.69 ug/l

RT: 2.91 min Scan# 217

Delta R.T. -0.01 min

Lab File: VW003752.D

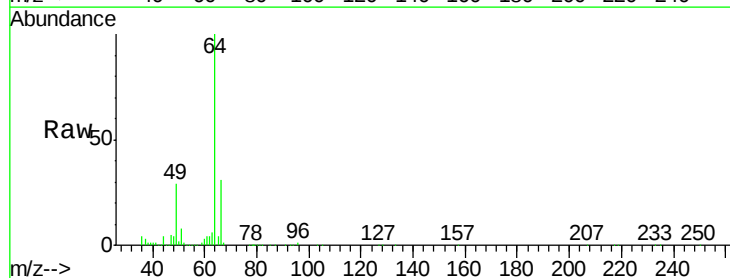
Acq: 07 Jul 2018 00:58

Tgt Ion: 64 Resp: 163777

Ion Ratio Lower Upper

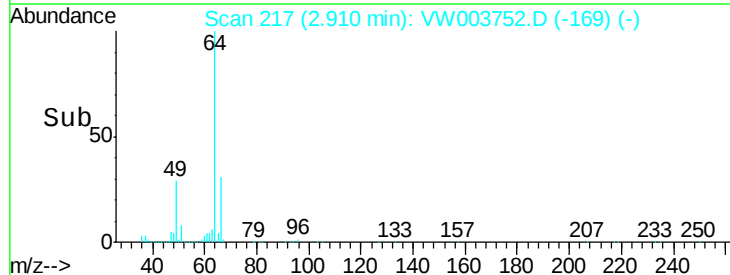
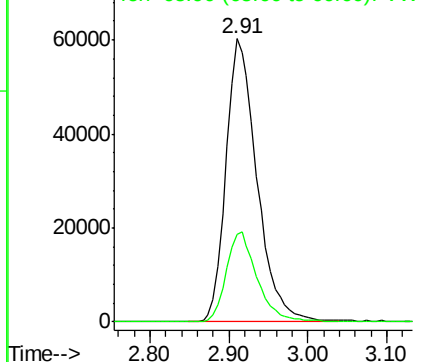
64 100

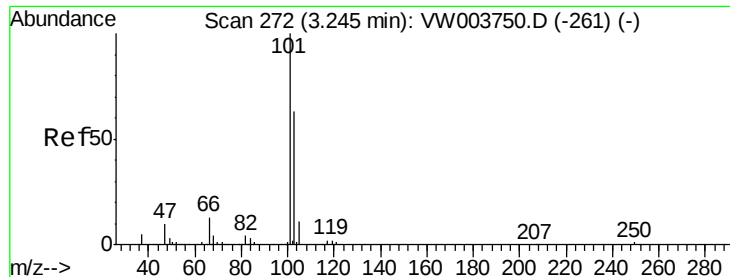
66 30.8 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW





#7

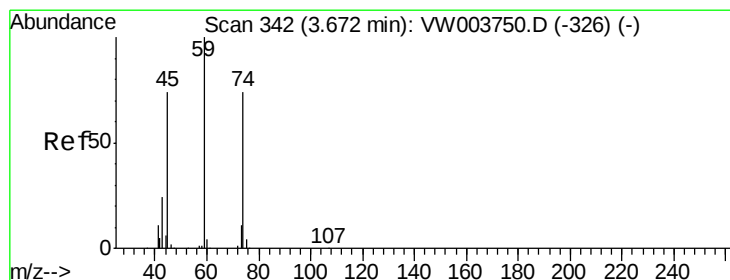
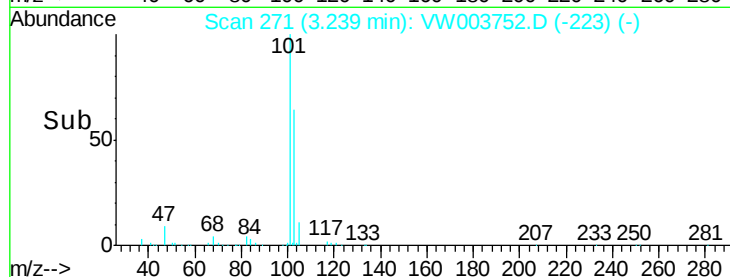
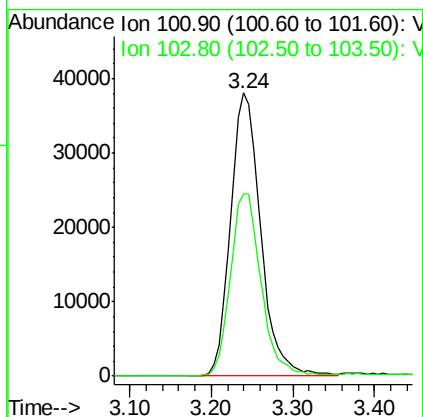
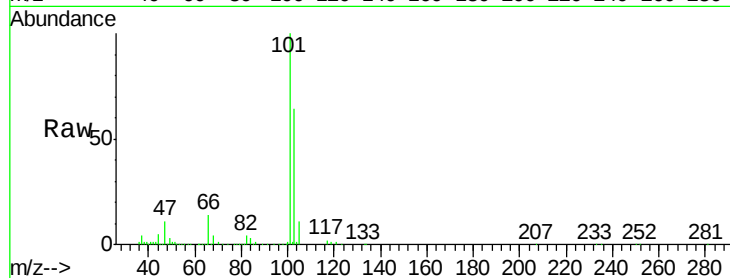
Trichlorofluoromethane
Concen: 75.50 ug/l
RT: 3.24 min Scan# 271
Delta R.T. -0.01 min
Lab File: VW003752.D
Acq: 07 Jul 2018 00:58

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ion	Ratio	Lower	Upper
101	100			
103	64.5	50.7	76.1	

Manual Integrations
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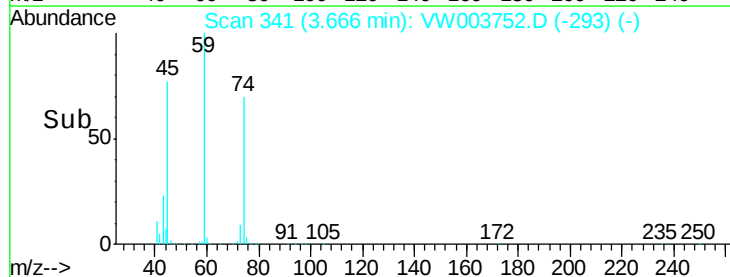
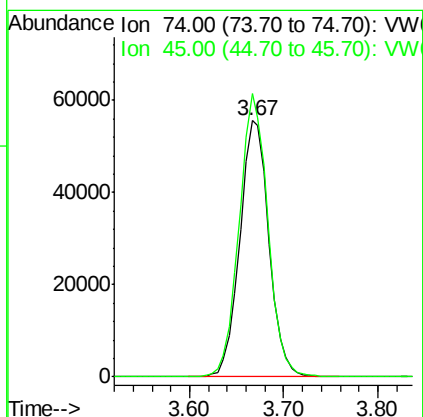
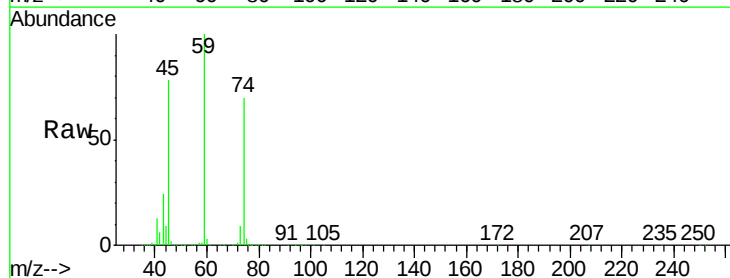
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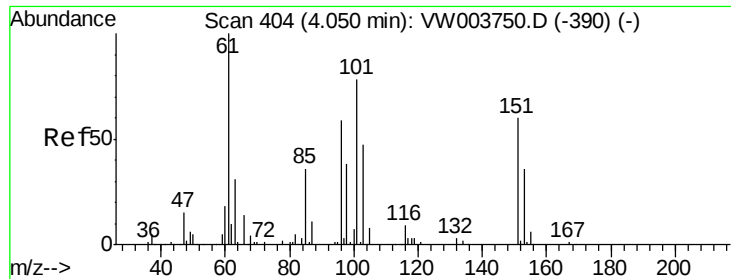


#8

Diethyl Ether
Concen: 100.25 ug/l
RT: 3.67 min Scan# 341
Delta R.T. -0.01 min
Lab File: VW003752.D
Acq: 07 Jul 2018 00:58

Tgt Ion	Ion	Ratio	Lower	Upper
74	100			
45	108.3	52.4	157.2	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 79.48 ug/l

RT: 4.04 min Scan# 403

Delta R.T. -0.01 min

Lab File: VW003752.D

Acq: 07 Jul 2018 00:58

Instrument :

MSVOA_W

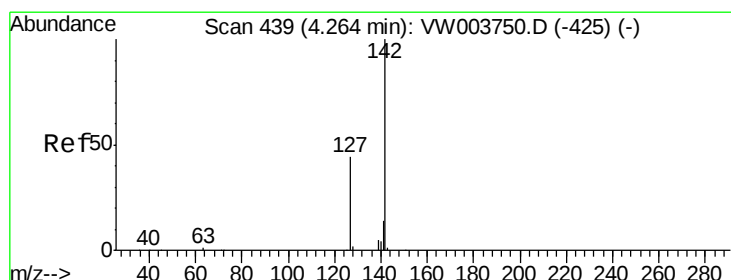
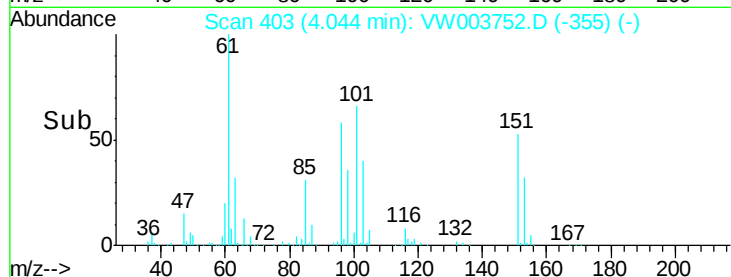
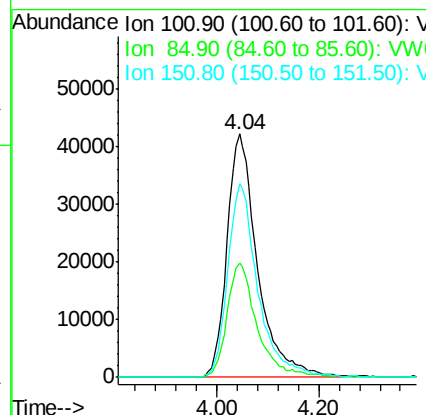
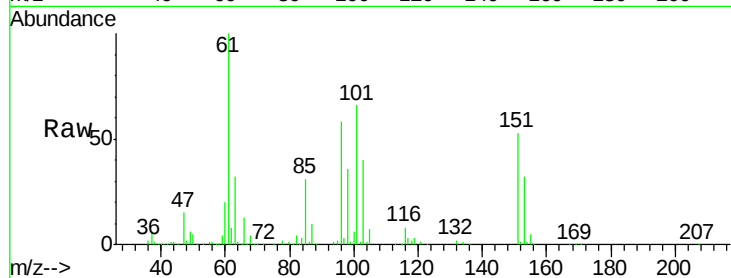
ClientSampled :

VSTDIC100

Tot Ion:	101	Resp:	175752
Ion Ratio	Lower	Upper	
101	100		
85	46.4	37.1	55.7
151	77.9	62.3	93.5

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#10

Methyl Iodide

Concen: 102.95 ug/l

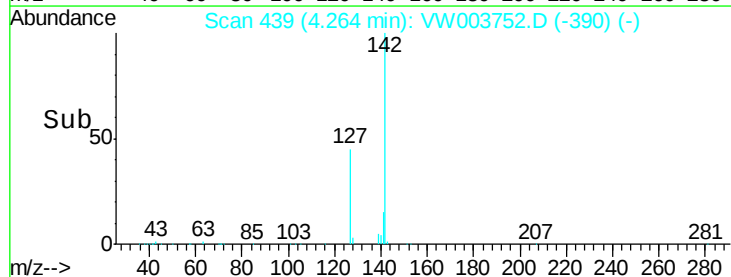
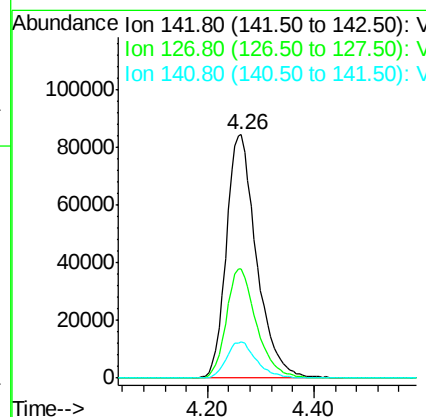
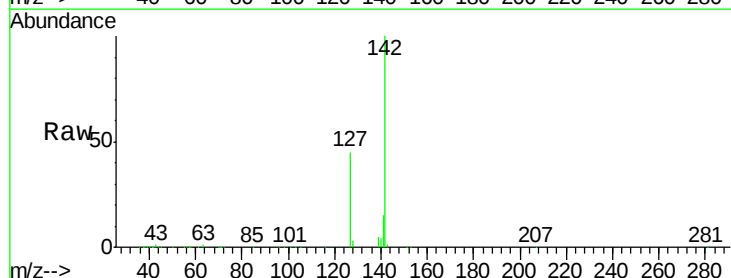
RT: 4.26 min Scan# 439

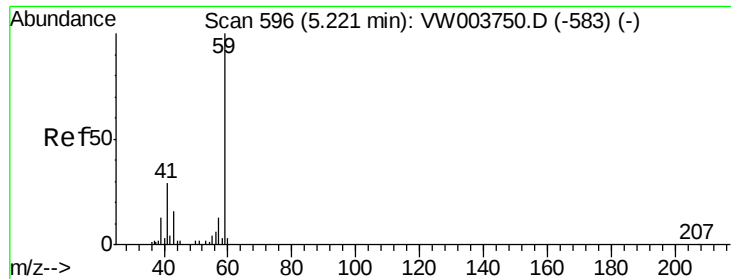
Delta R.T. -0.00 min

Lab File: VW003752.D

Acq: 07 Jul 2018 00:58

Tgt Ion:	142	Resp:	333743
Ion Ratio	Lower	Upper	
142	100		
127	45.0	36.1	54.1
141	14.8	11.6	17.4





#11

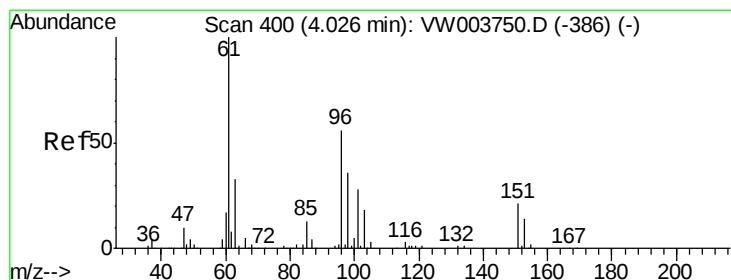
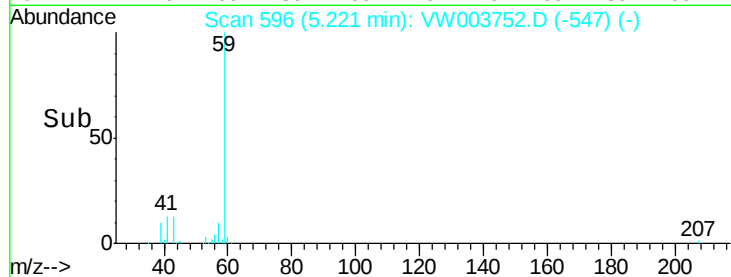
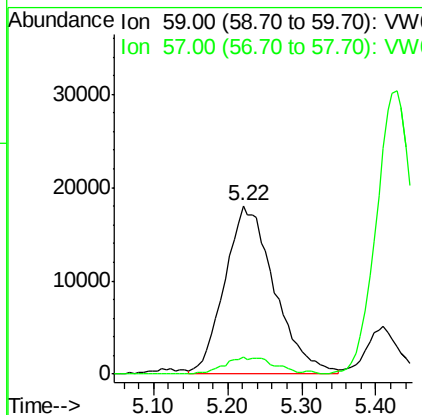
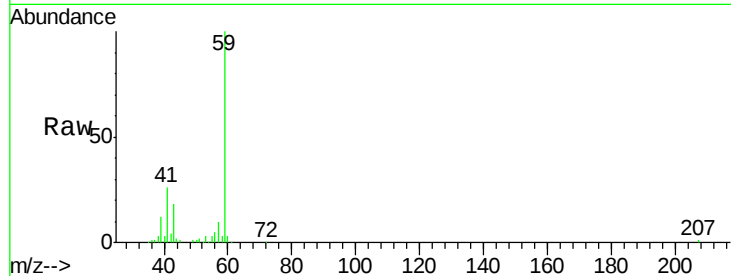
Tert butyl alcohol
Concen: 494.68 ug/l
RT: 5.22 min Scan# 596
Delta R.T. -0.00 min
Lab File: VW003752.D
Acq: 07 Jul 2018 00:58

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	59	Resp	84300
Ion Ratio	100	Lower	Upper
57	5.0	9.3	13.9#

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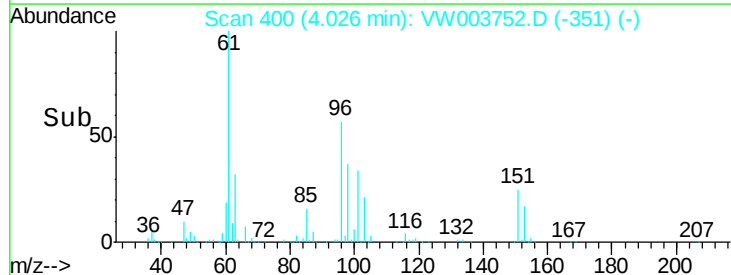
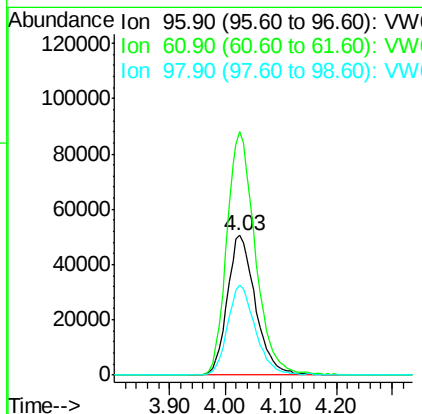
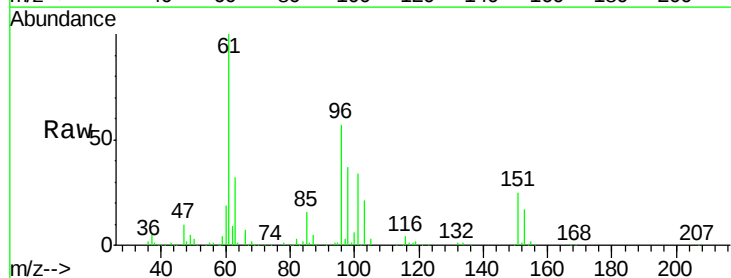
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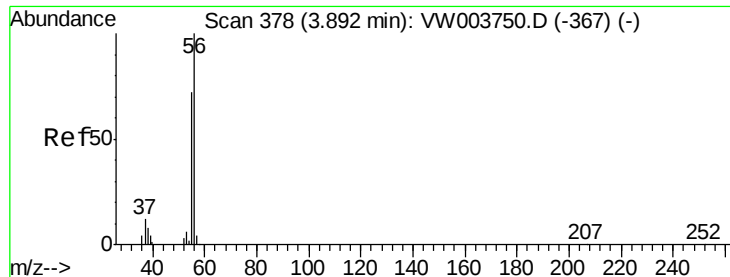


#12

1,1-Dichloroethene
Concen: 80.66 ug/l
RT: 4.03 min Scan# 400
Delta R.T. -0.00 min
Lab File: VW003752.D
Acq: 07 Jul 2018 00:58

Tgt Ion	96	Resp	177187
Ion Ratio	100	Lower	Upper
61	174.2	143.2	214.8
98	64.0	51.4	77.0





#13

Acrolein

Concen: 726.73 ug/l

RT: 3.89 min Scan# 378

Delta R.T. -0.00 min

Lab File: VW003752.D

Acq: 07 Jul 2018 00:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tot Ion: 56 Resp: 80455

Ion Ratio Lower Upper

56 100

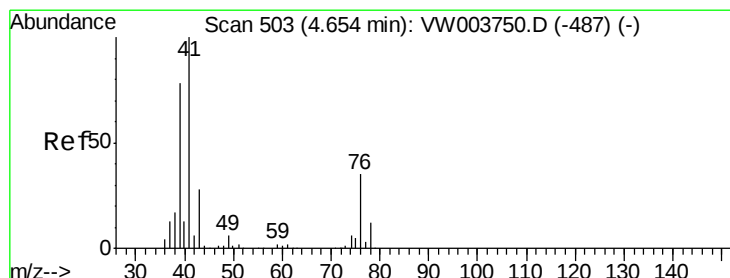
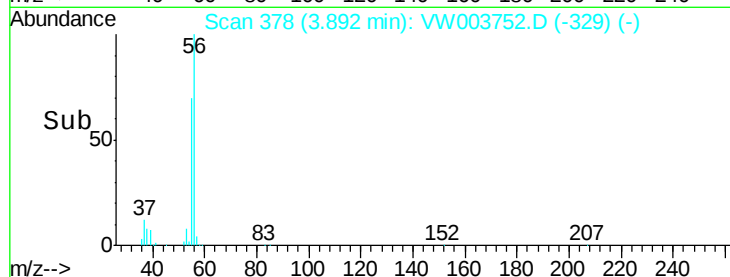
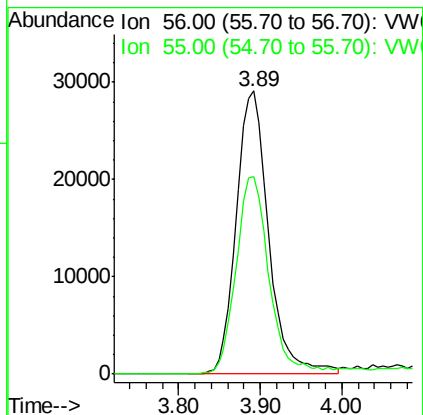
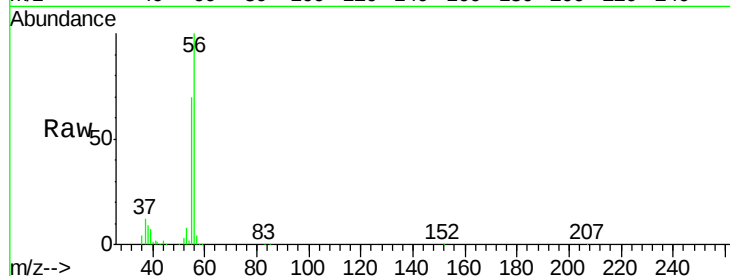
55 71.2 57.5 86.3

Manual Integrations

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#14

Allyl chloride

Concen: 102.88 ug/l

RT: 4.65 min Scan# 503

Delta R.T. -0.00 min

Lab File: VW003752.D

Acq: 07 Jul 2018 00:58

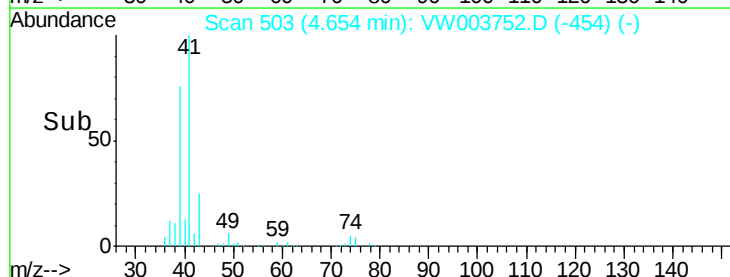
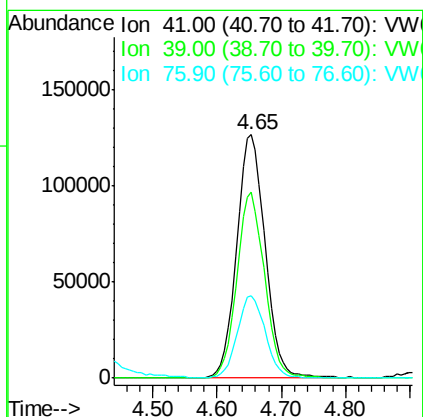
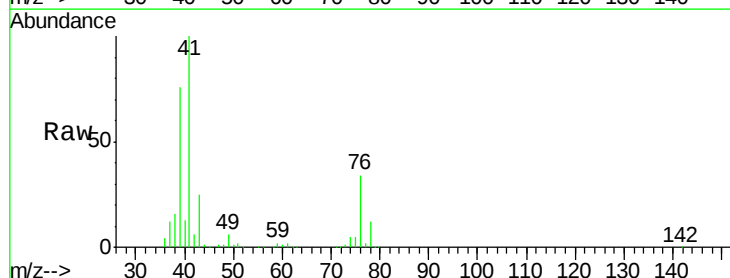
Tgt Ion: 41 Resp: 386902

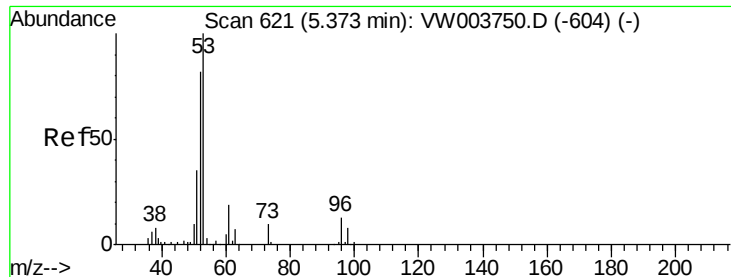
Ion Ratio Lower Upper

41 100

39 74.2 60.9 91.3

76 33.1 27.5 41.3





#15

Acrylonitrile

Concen: 514.31 ug/l

RT: 5.37 min Scan# 621

Delta R.T. -0.00 min

Lab File: VW003752.D

Acq: 07 Jul 2018 00:58

Instrument :

MSVOA_W

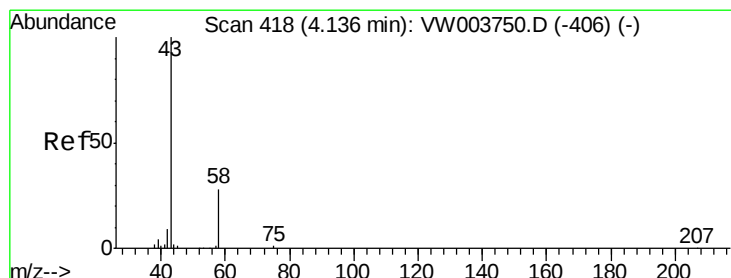
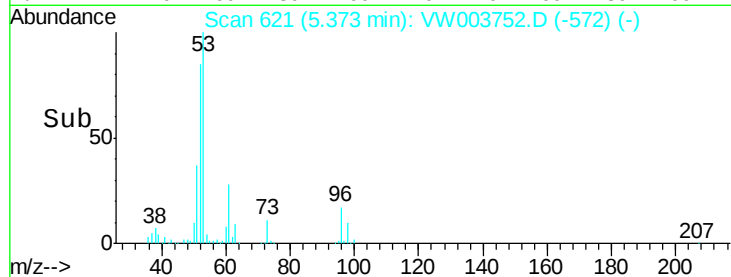
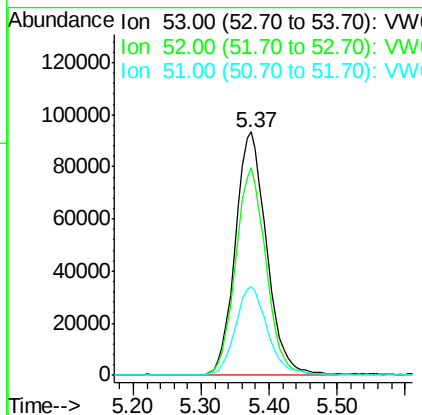
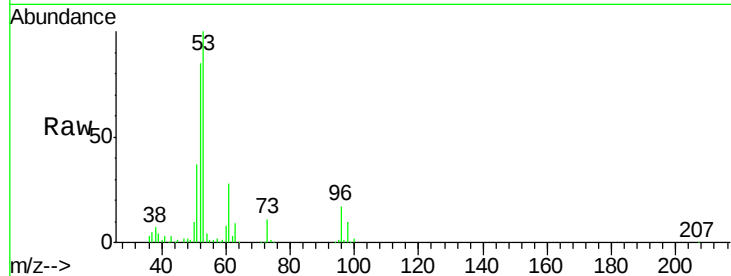
ClientSampleId :

VSTDIC100

Tot Ion:	53	Resp:	297983
Ion	Ratio	Lower	Upper
53	100		
52	83.4	66.2	99.2
51	37.8	30.2	45.4

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#16

Acetone

Concen: 351.18 ug/l

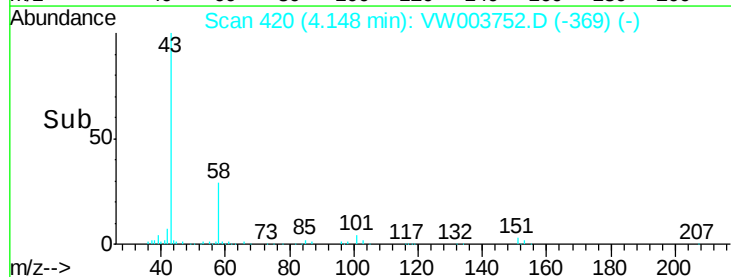
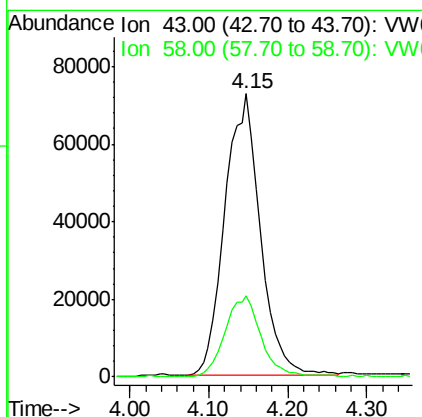
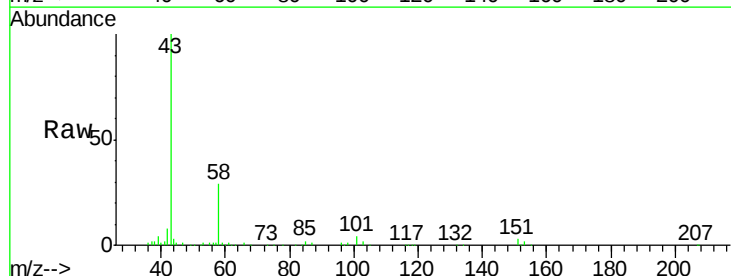
RT: 4.15 min Scan# 420

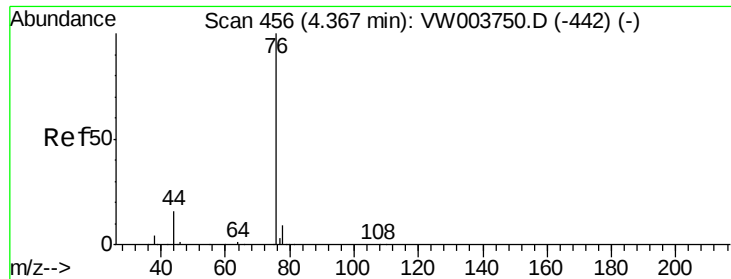
Delta R.T. 0.01 min

Lab File: VW003752.D

Acq: 07 Jul 2018 00:58

Tgt Ion:	43	Resp:	226079
Ion	Ratio	Lower	Upper
43	100		
58	28.8	22.6	34.0





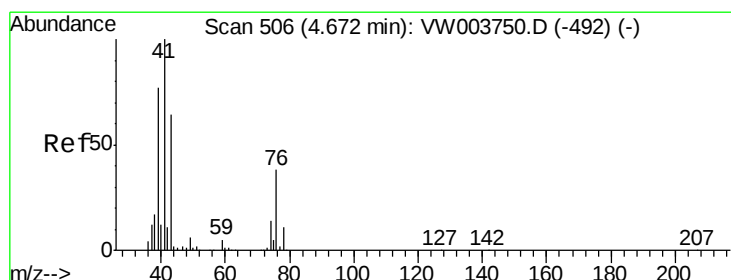
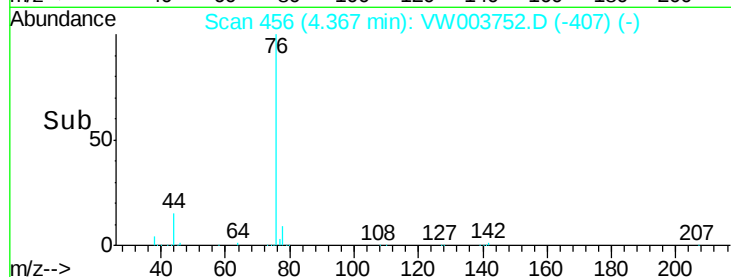
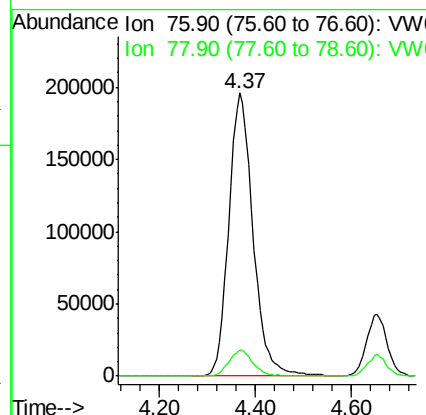
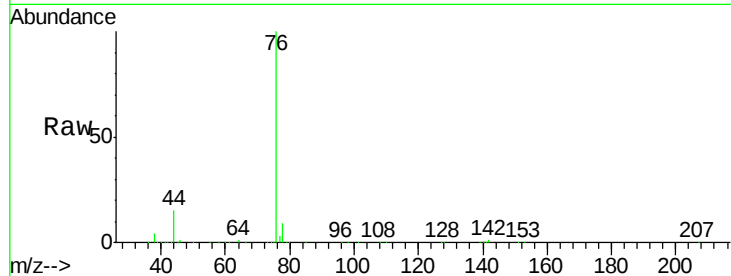
#17
Carbon Disulfide
Concen: 104.29 ug/l
RT: 4.37 min Scan# 456
Delta R.T. -0.00 min
Lab File: VW003752.D
Acq: 07 Jul 2018 00:58

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.4	11.2

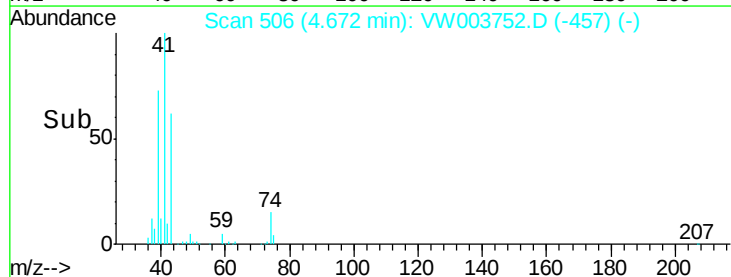
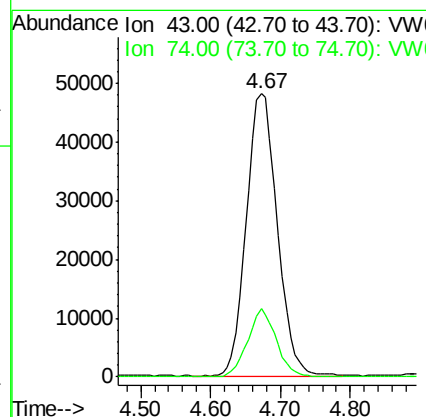
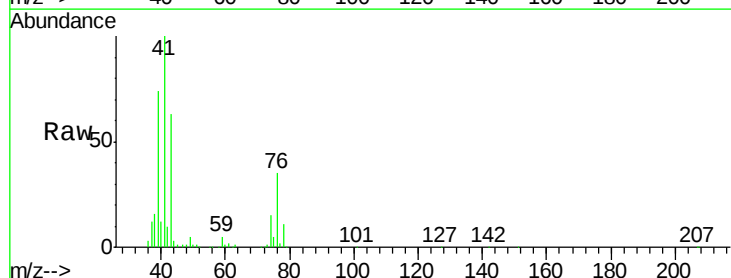
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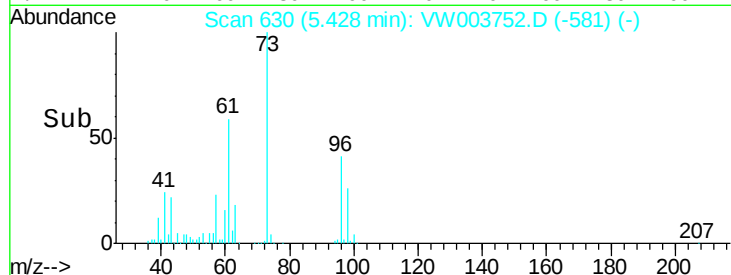
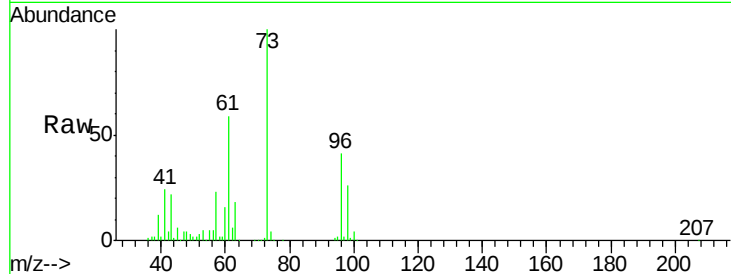
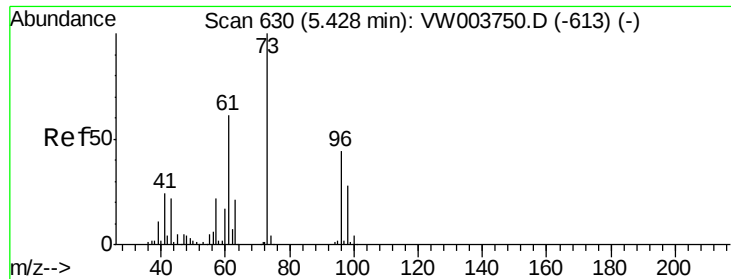
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#18
Methyl Acetate
Concen: 92.52 ug/l
RT: 4.67 min Scan# 506
Delta R.T. -0.00 min
Lab File: VW003752.D
Acq: 07 Jul 2018 00:58

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.4	17.3	25.9





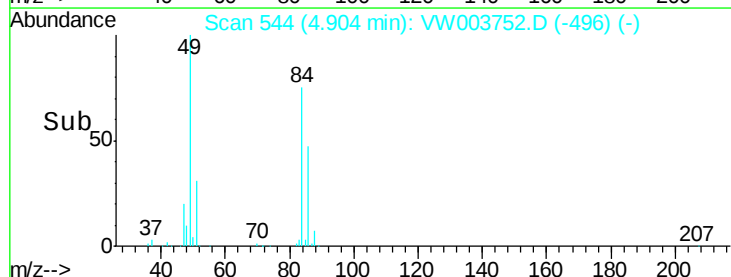
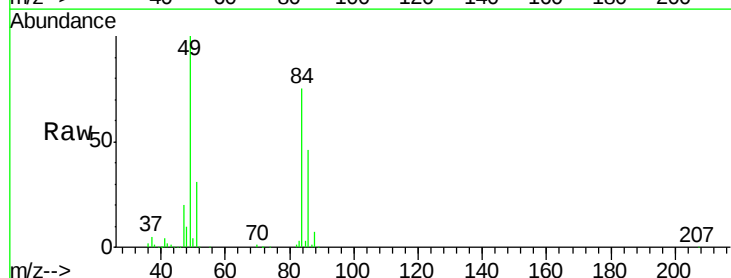
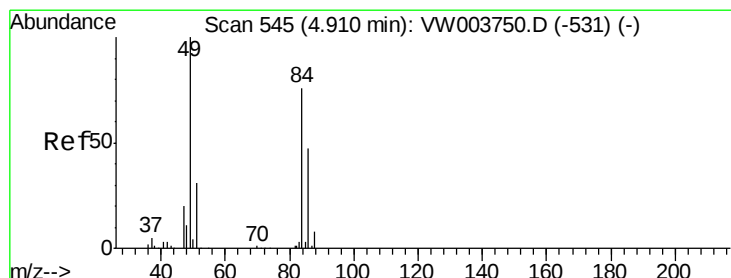
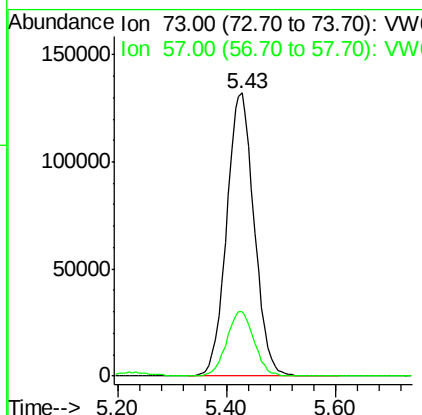
#19
Methvl tert-butvl Ether
Concen: 106.75 ug/l
RT: 5.43 min Scan# 630
Delta R.T. -0.00 min
Lab File: VW003752.D
Acq: 07 Jul 2018 00:58

Tot Ion: 73 Resp: 465135
Ion Ratio Lower Upper
73 100
57 23.0 17.9 26.9

Instrument :
MSVOA_W
ClientSampled :
VSTDIC100

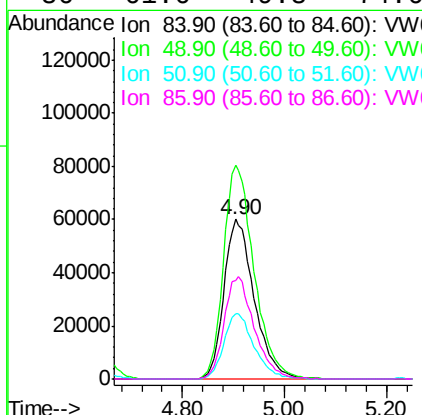
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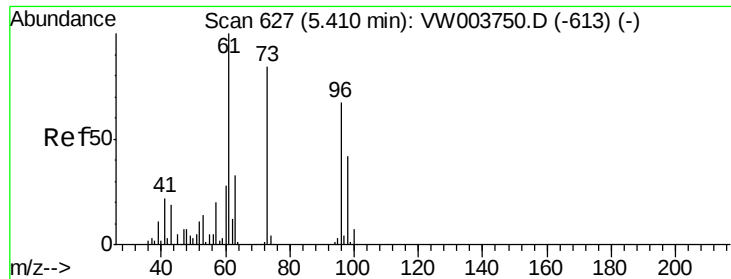
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#20
Methylene Chloride
Concen: 83.05 ug/l
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW003752.D
Acq: 07 Jul 2018 00:58

Tgt Ion: 84 Resp: 247563
Ion Ratio Lower Upper
84 100
49 133.7 105.1 157.7
51 41.2 32.5 48.7
86 61.6 49.8 74.6





#21

trans-1,2-Dichloroethene

Concen: 105.78 ug/l

RT: 5.41 min Scan# 627

Delta R.T. -0.00 min

Lab File: VW003752.D

Acq: 07 Jul 2018 00:58

Instrument :

MSVOA_W

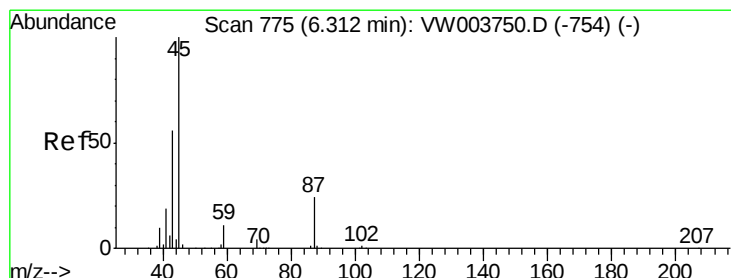
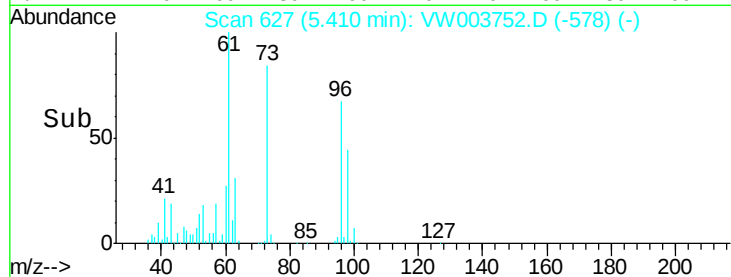
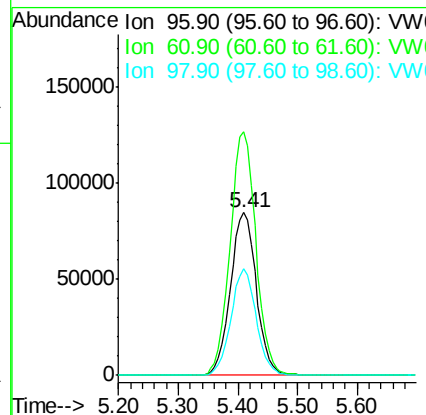
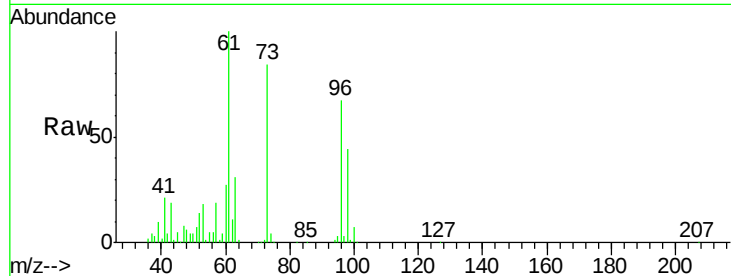
ClientSampleId :

VSTDIC100

Tot Ion:	96	Resp:	255961
Ion	Ratio	Lower	Upper
96	100		
61	149.9	119.0	178.6
98	65.4	49.8	74.8

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#22

Diisopropyl ether

Concen: 108.74 ug/l

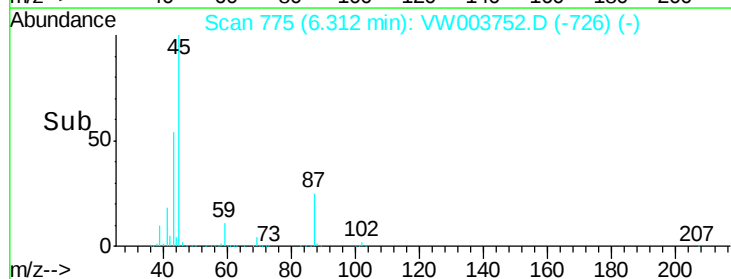
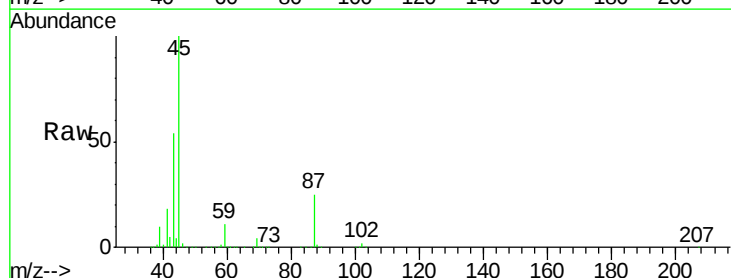
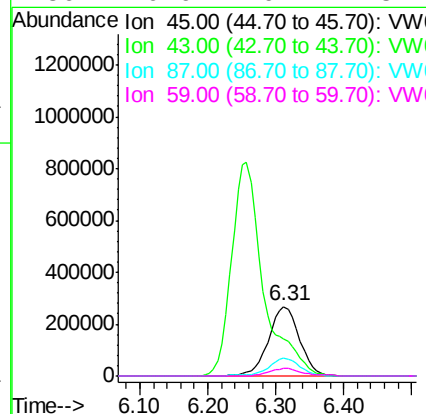
RT: 6.31 min Scan# 775

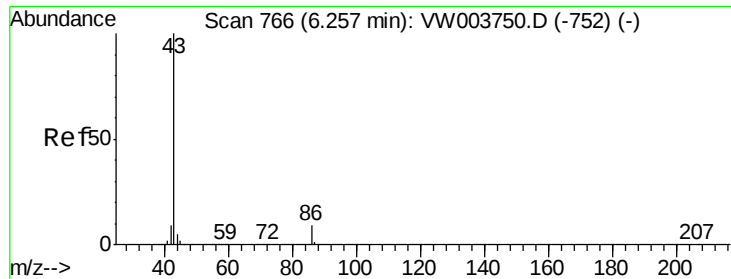
Delta R.T. -0.00 min

Lab File: VW003752.D

Acq: 07 Jul 2018 00:58

Tgt Ion:	45	Resp:	848500
Ion	Ratio	Lower	Upper
45	100		
43	53.9	44.5	66.7
87	25.1	19.6	29.4
59	10.9	9.1	13.7





#23

Vinyl Acetate

Concen: 564.78 ug/l

RT: 6.26 min Scan# 766

Delta R.T. -0.00 min

Lab File: VW003752.D

Acq: 07 Jul 2018 00:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 2685717

Ion Ratio Lower Upper

43 100

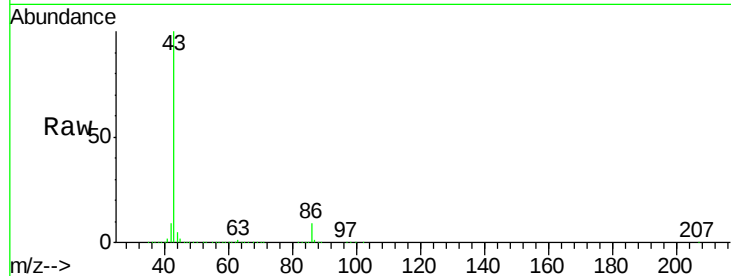
86 9.1 7.3 10.9

Manual Integrations

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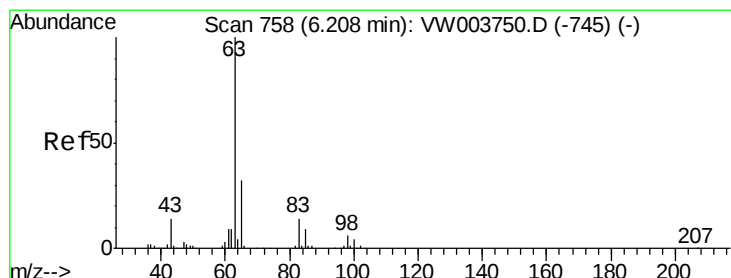
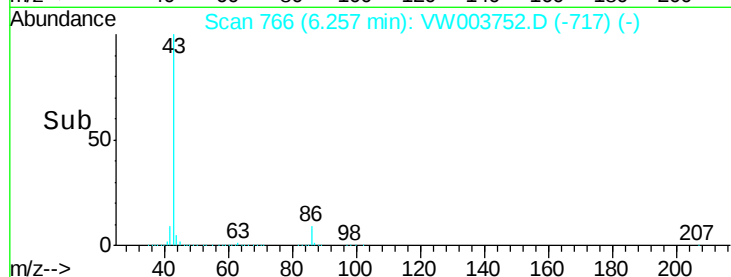
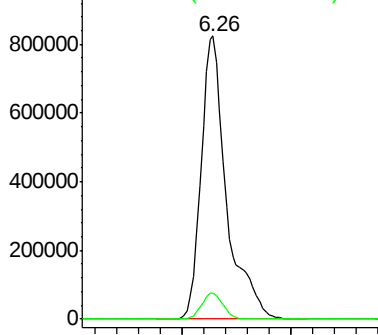
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 105.33 ug/l

RT: 6.21 min Scan# 758

Delta R.T. -0.00 min

Lab File: VW003752.D

Acq: 07 Jul 2018 00:58

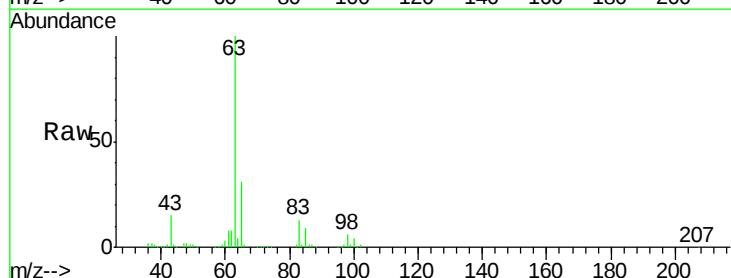
Tgt Ion: 63 Resp: 488465

Ion Ratio Lower Upper

63 100

98 6.4 3.2 9.6

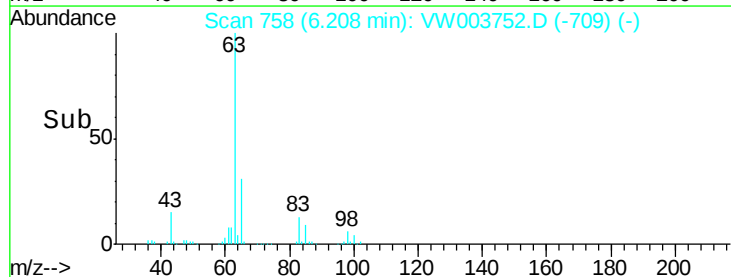
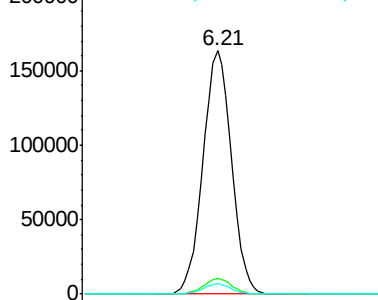
100 4.1 2.1 6.2

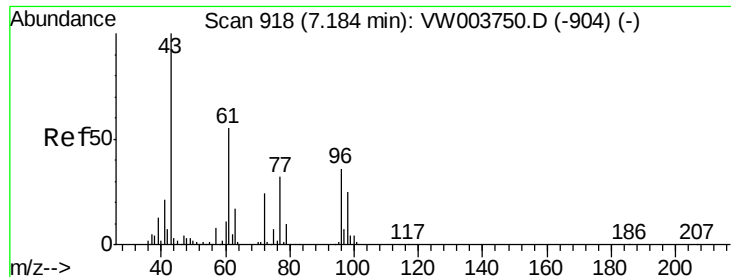


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 495.69 ug/l

RT: 7.18 min Scan# 918

Delta R.T. -0.00 min

Lab File: VW003752.D

Acq: 07 Jul 2018 00:58

Instrument :

MSVOA_W

ClientSampled :

VSTDIC100

Tot Ion: 43 Resp: 418375

Ion Ratio Lower Upper

43 100

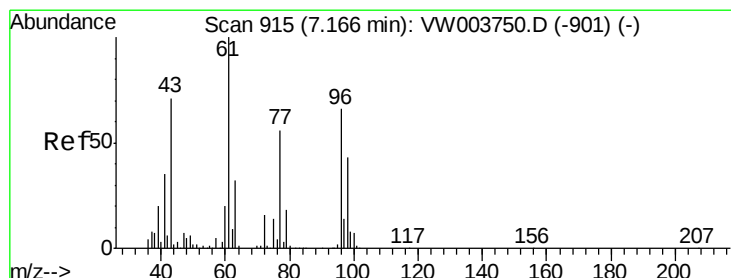
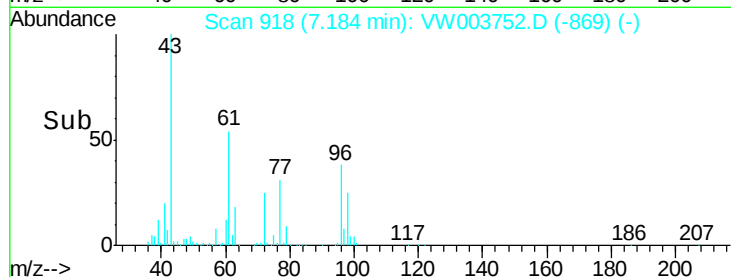
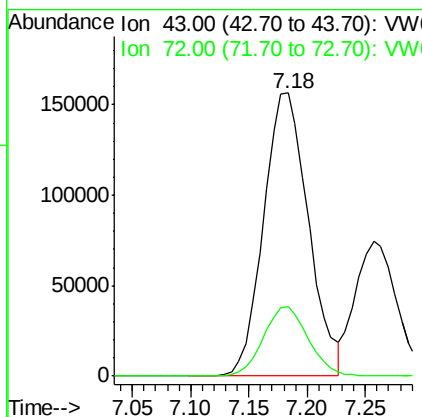
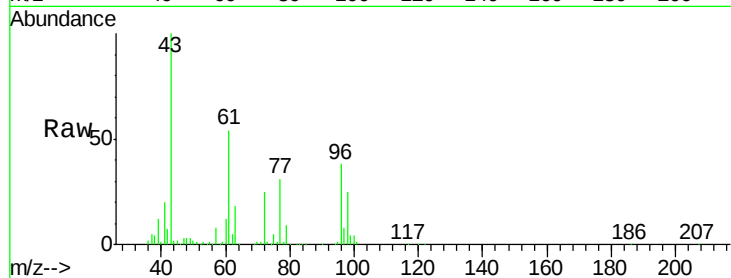
72 24.7 19.4 29.2

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#26

2,2-Dichloropropane

Concen: 88.82 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW003752.D

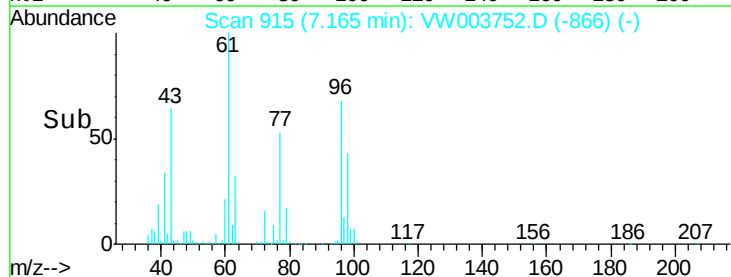
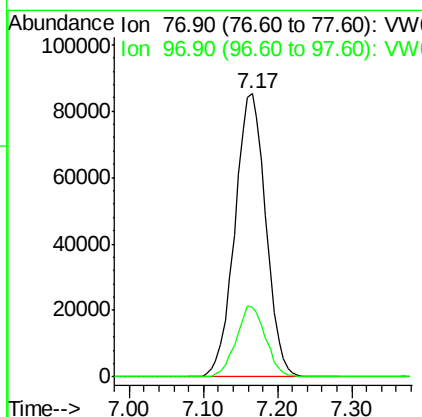
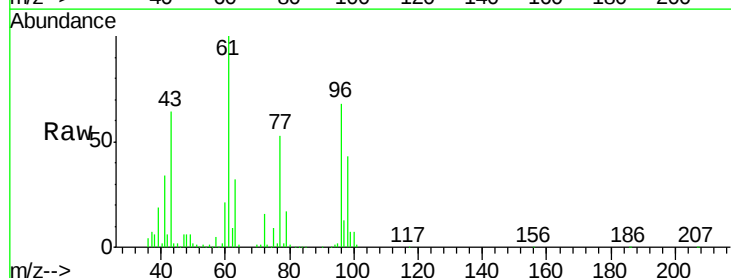
Acq: 07 Jul 2018 00:58

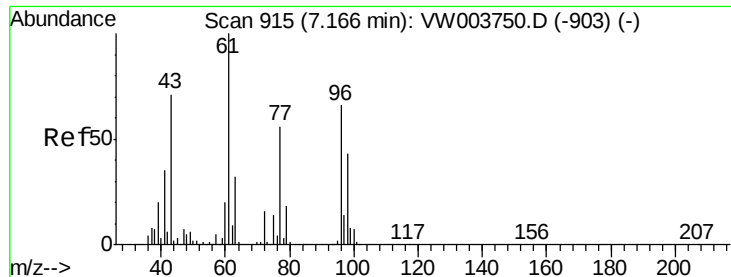
Tgt Ion: 77 Resp: 248008

Ion Ratio Lower Upper

77 100

97 23.8 11.5 34.5





#27

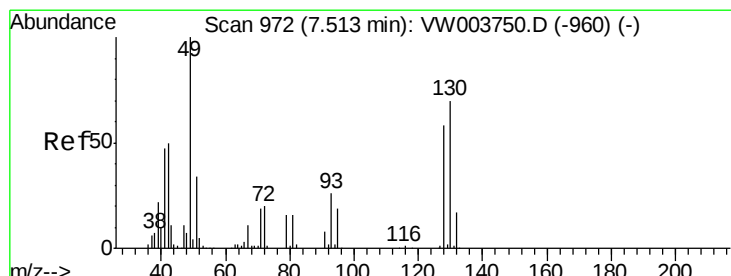
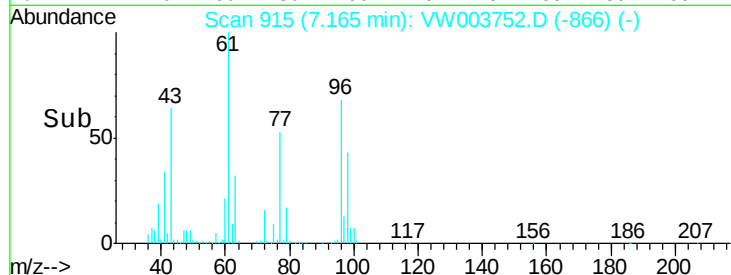
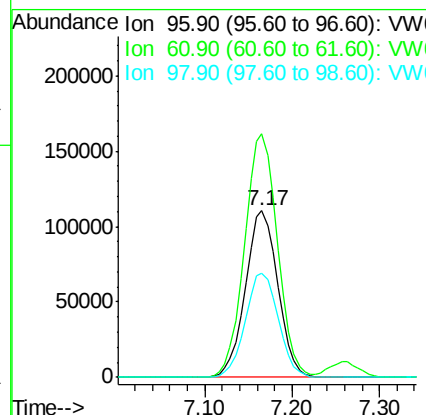
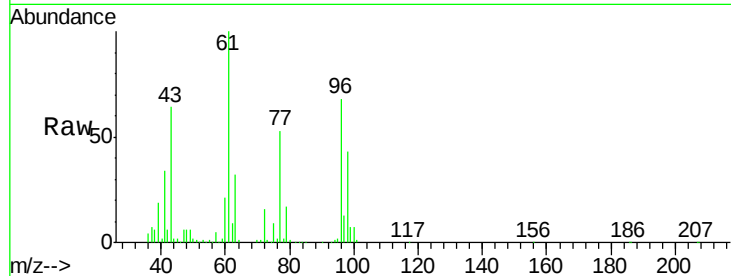
cis-1,2-Dichloroethene
Concen: 107.64 ug/l
RT: 7.17 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW003752.D
Acq: 07 Jul 2018 00:58

Instrument :
MSVOA_W
ClientSampled :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
96	100		
61	147.8	0.0	300.8
98	63.8	0.0	128.6

Manual Integrations
APPROVED

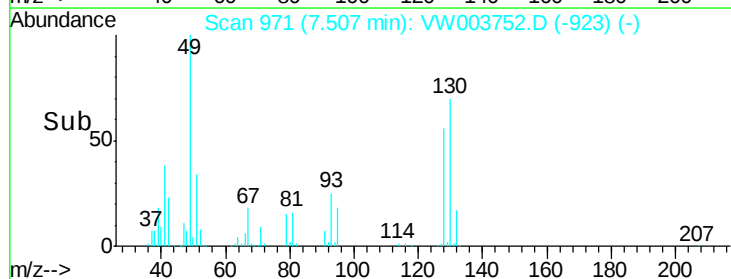
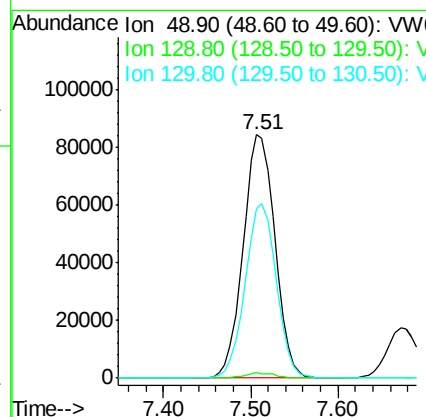
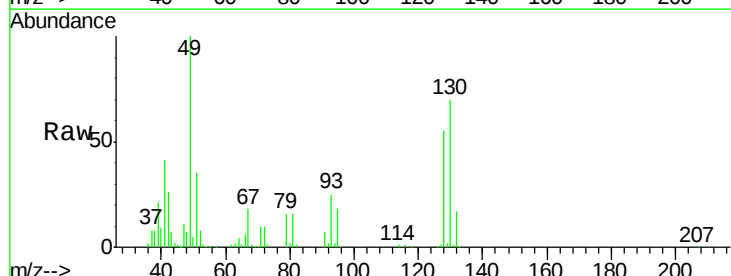
apatel
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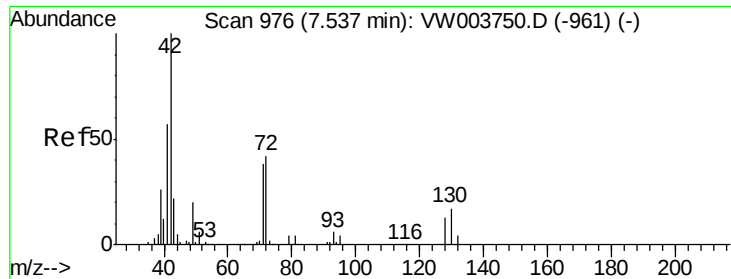


#28

Bromochloromethane
Concen: 105.05 ug/l
RT: 7.51 min Scan# 971
Delta R.T. -0.01 min
Lab File: VW003752.D
Acq: 07 Jul 2018 00:58

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.4
130	70.3	56.9	85.3





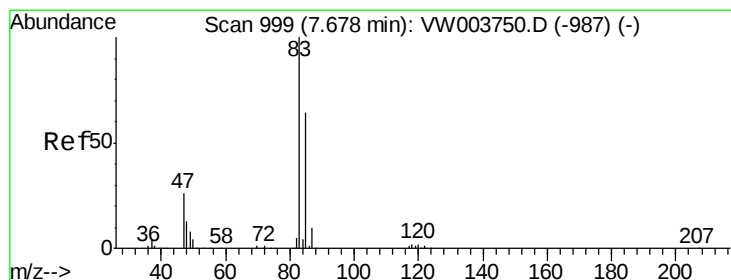
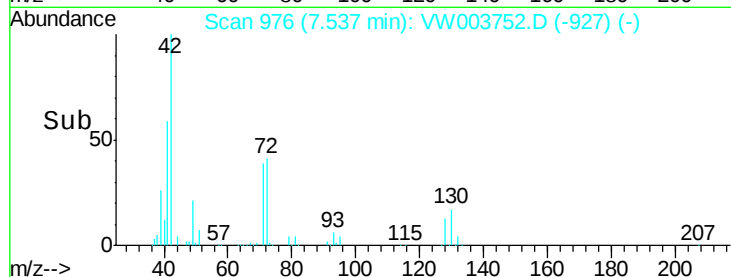
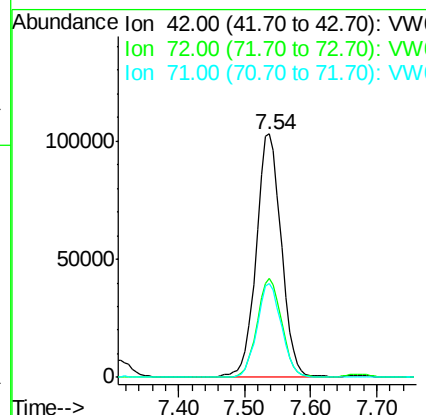
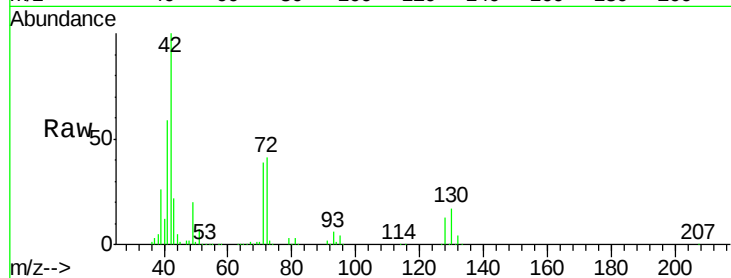
#29
Tetrahydrofuran
Concen: 533.22 ug/l
RT: 7.54 min Scan# 976
Delta R.T. -0.00 min
Lab File: VW003752.D
Acq: 07 Jul 2018 00:58

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.9	31.8	47.8
71	37.4	30.3	45.5

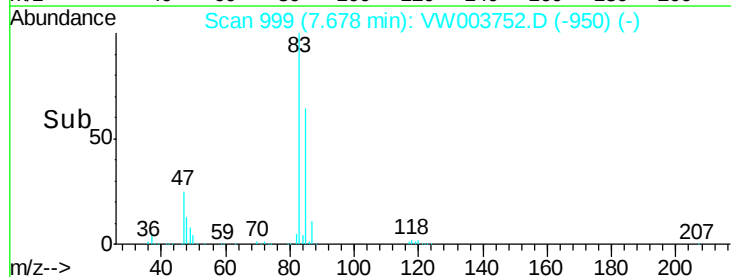
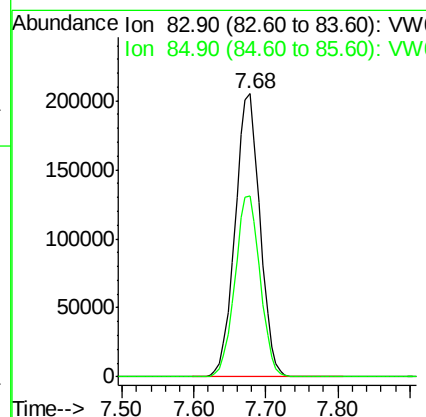
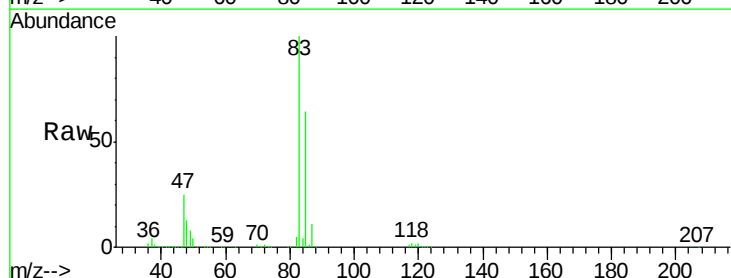
Manual Integrations
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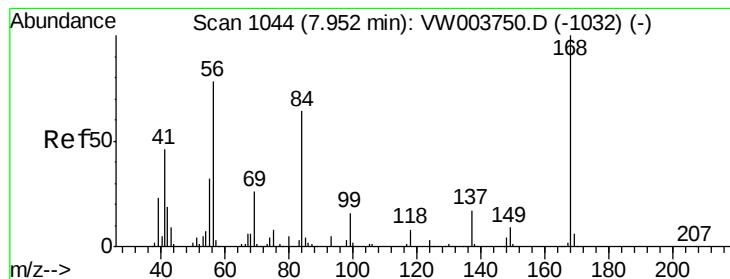
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#30
Chloroform
Concen: 104.64 ug/l
RT: 7.68 min Scan# 999
Delta R.T. -0.00 min
Lab File: VW003752.D
Acq: 07 Jul 2018 00:58

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.9	51.5	77.3





#31

Cyclohexane

Concen: 97.64 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003752.D

Acq: 07 Jul 2018 00:58

Instrument :

MSVOA_W

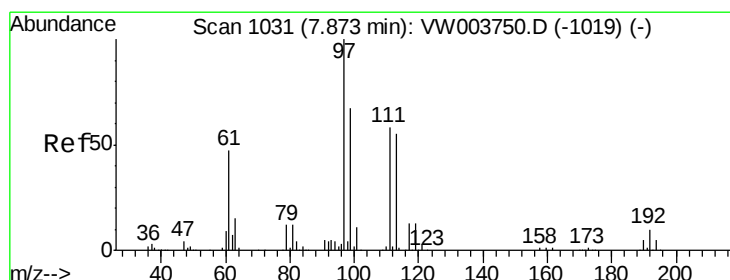
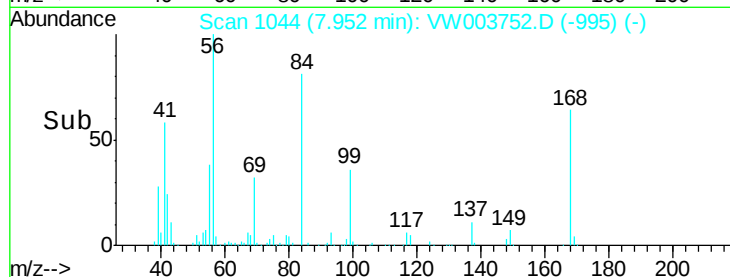
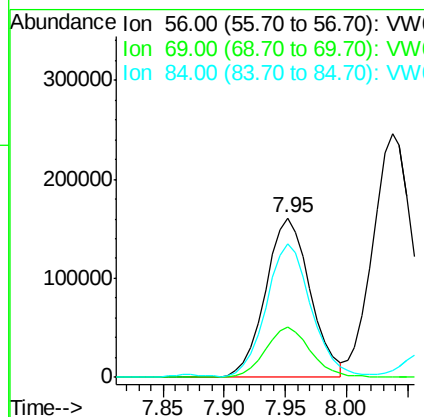
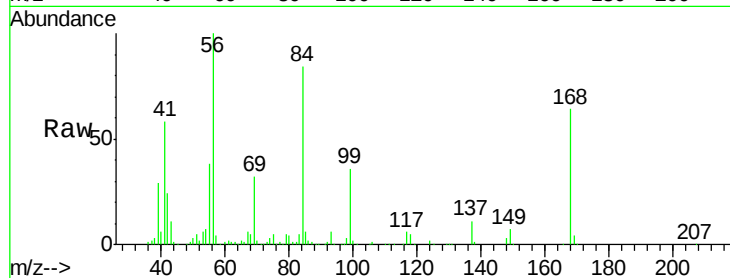
ClientSampled :

VSTDIC100

Tot Ion:	56	Resp:	409537
Ion Ratio	Lower	Upper	
56	100		
69	31.8	26.2	39.4
84	82.0	65.5	98.3

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 101.16 ug/l

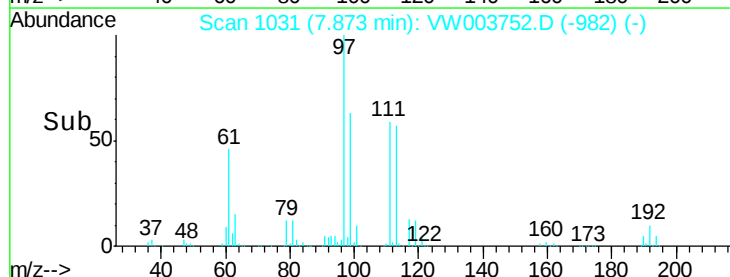
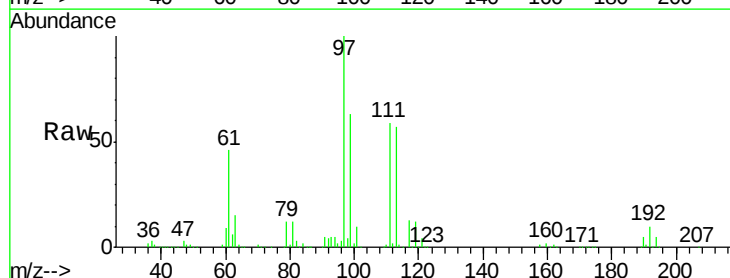
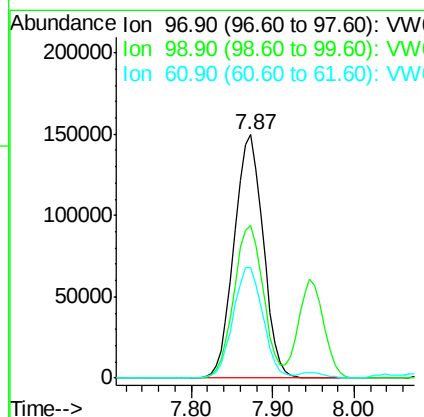
RT: 7.87 min Scan# 1031

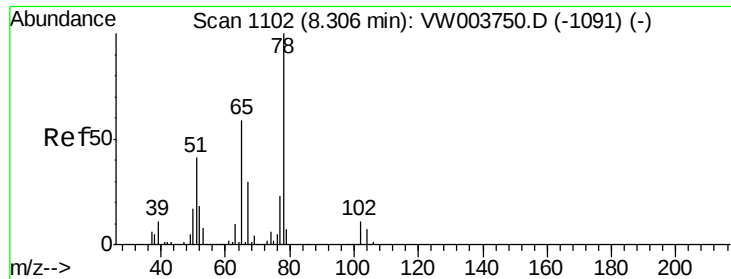
Delta R.T. -0.00 min

Lab File: VW003752.D

Acq: 07 Jul 2018 00:58

Tgt Ion:	97	Resp:	368570
Ion Ratio	Lower	Upper	
97	100		
99	63.2	51.2	76.8
61	46.4	37.6	56.4





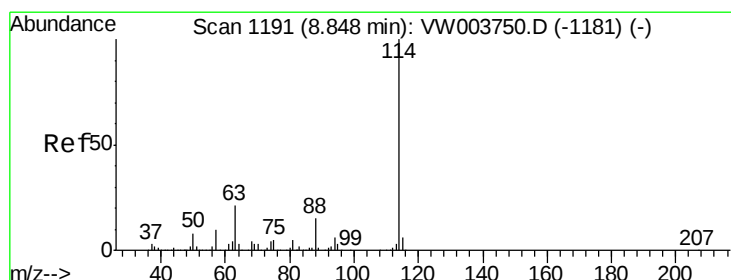
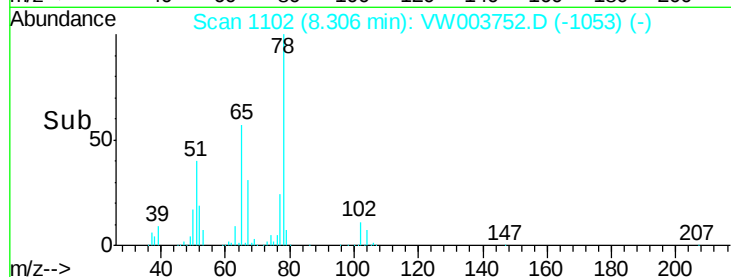
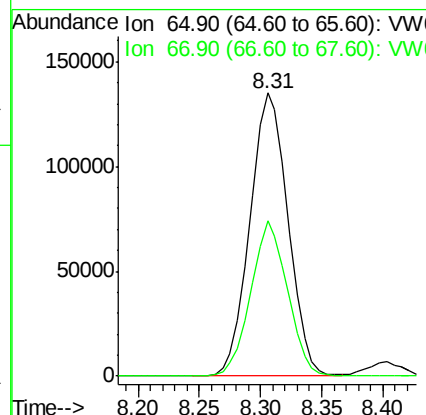
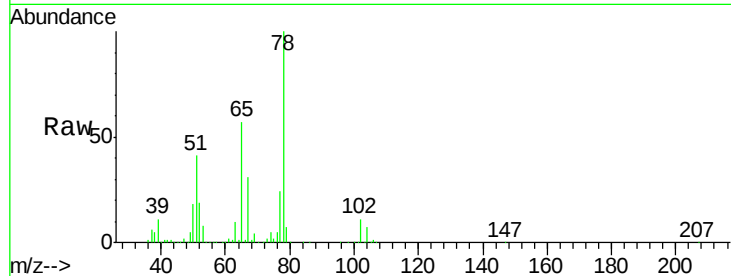
#33
 1,2-Dichloroethane-d4
 Concen: 105.77 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: VW003752.D
 Acq: 07 Jul 2018 00:58

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
65	100	293316		
67	52.8	0.0	103.8	

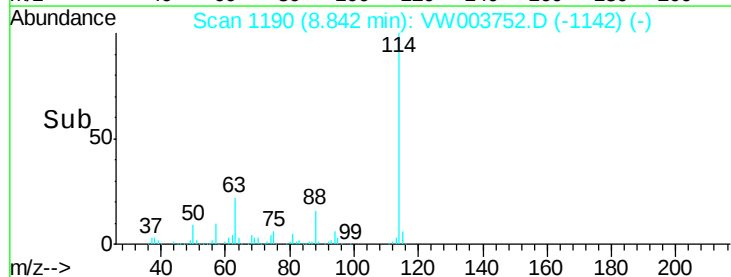
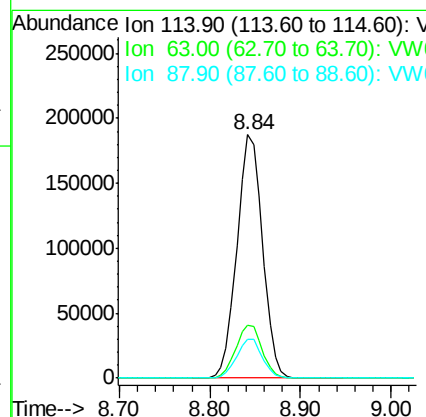
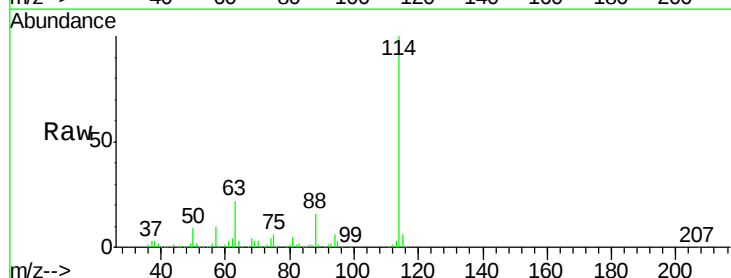
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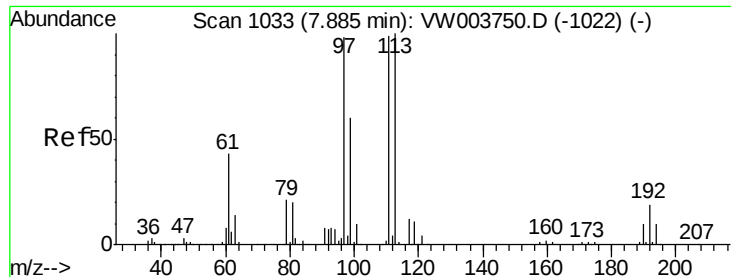
apatel
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.84 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: VW003752.D
 Acq: 07 Jul 2018 00:58

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	367194		
63	21.9	0.0	41.8	
88	15.8	0.0	30.2	





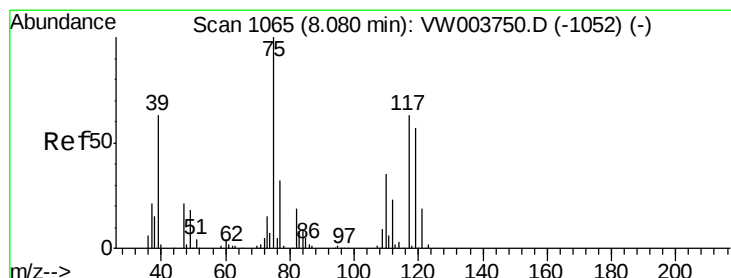
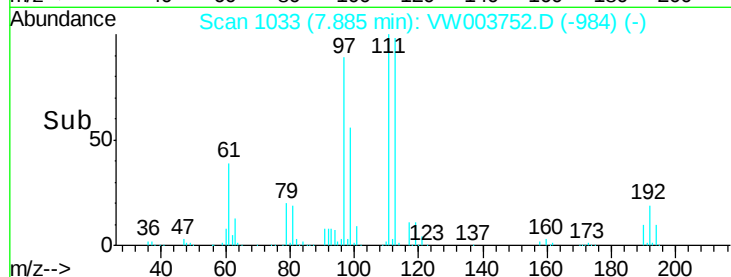
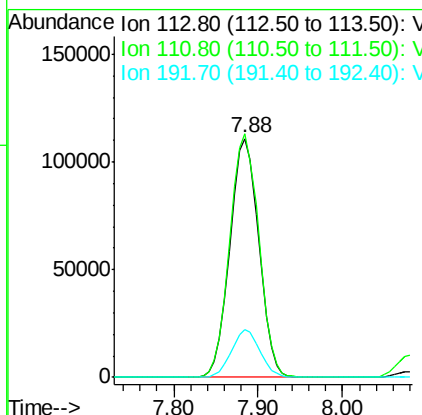
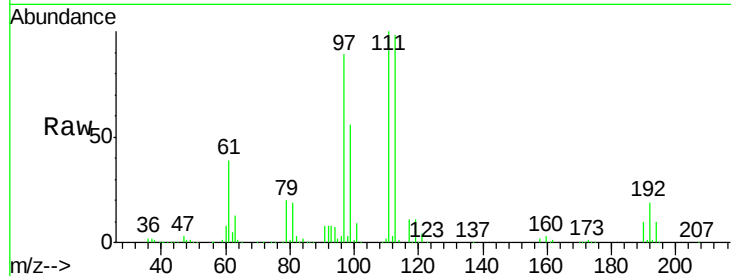
#35
 Dibromofluoromethane
 Concen: 106.76 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW003752.D
 Acq: 07 Jul 2018 00:58

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.7	122.5
192	19.8	15.8	23.8

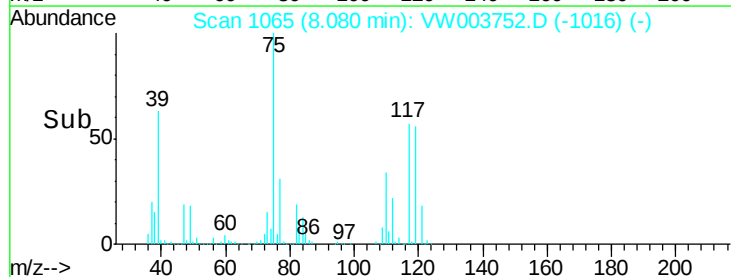
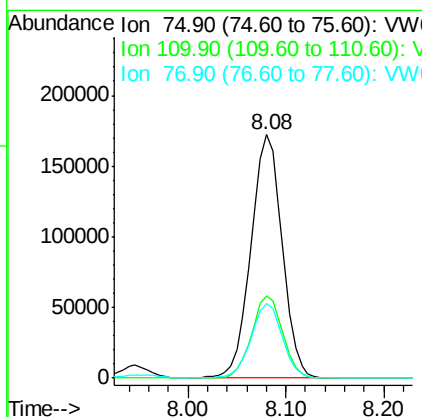
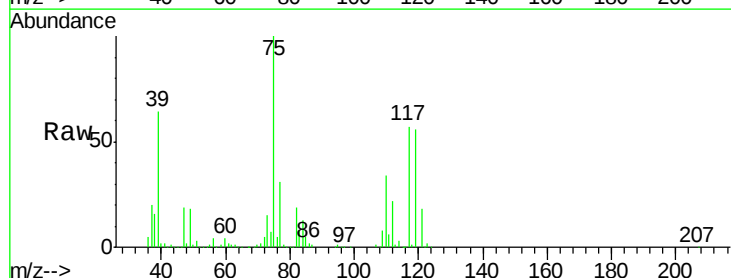
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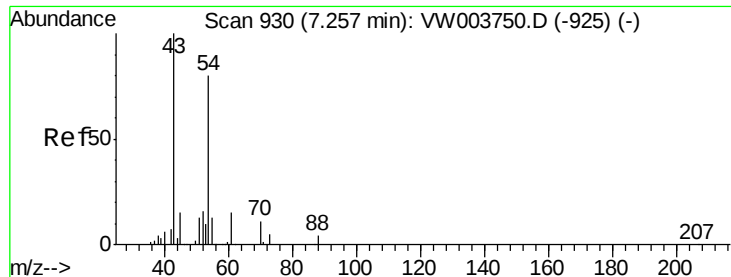
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#36
 1,1-Dichloropropene
 Concen: 103.09 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: VW003752.D
 Acq: 07 Jul 2018 00:58

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.6	16.9	50.6
77	30.8	24.8	37.2





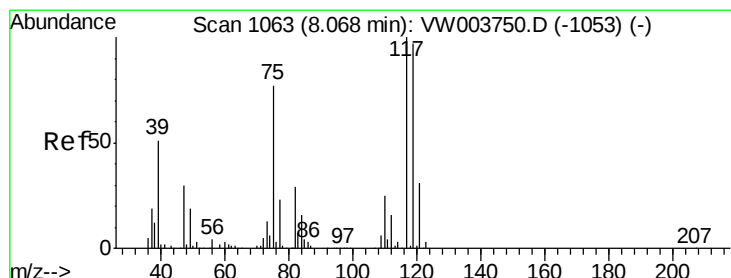
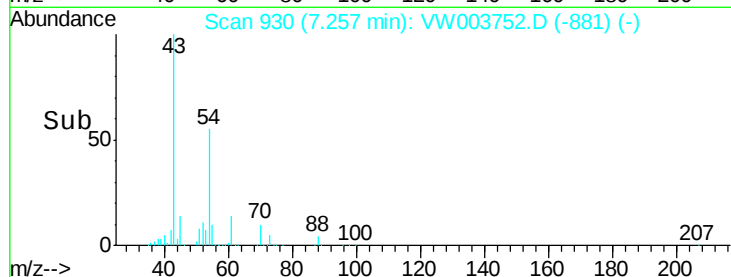
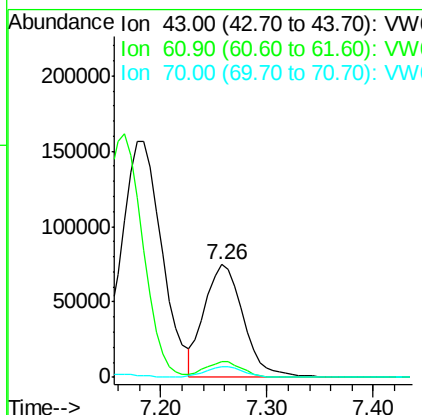
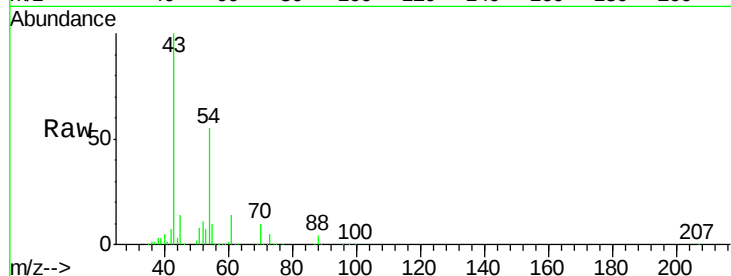
#37
Ethyl Acetate
Concen: 103.03 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.00 min
Lab File: VW003752.D
Acq: 07 Jul 2018 00:58

Instrument :
MSVOA_W
ClientSampled :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.9	10.6	15.8
70	9.4	7.5	11.3

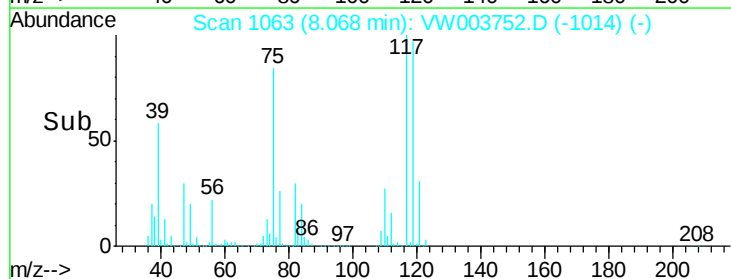
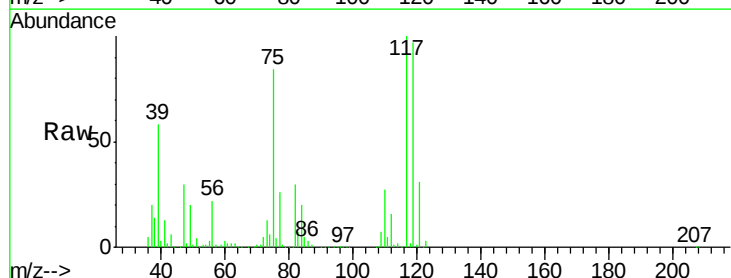
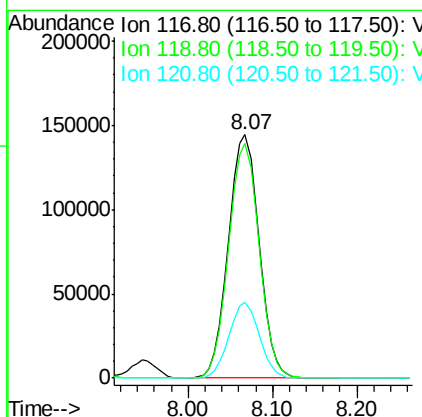
Manual Integrations
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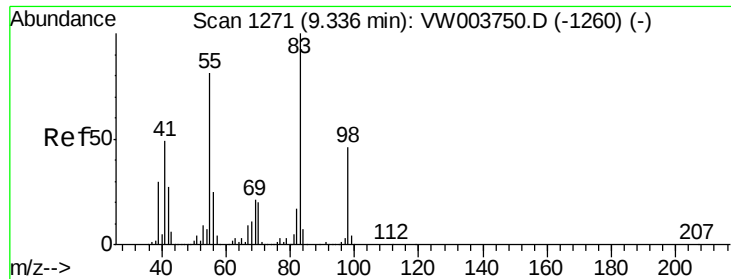
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#38
Carbon Tetrachloride
Concen: 100.97 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VW003752.D
Acq: 07 Jul 2018 00:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.6	77.4	116.2
121	30.9	24.6	37.0





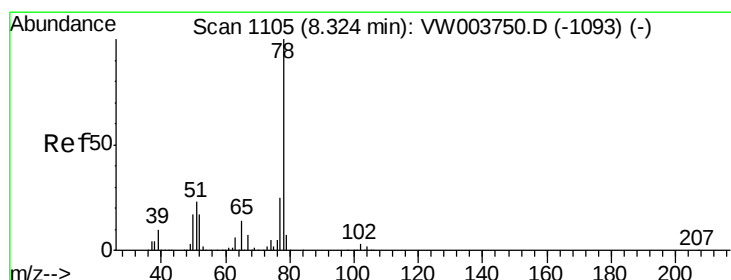
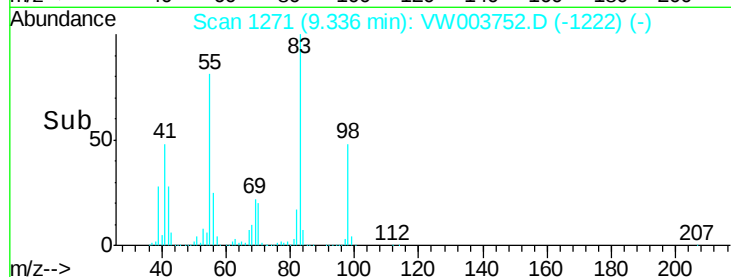
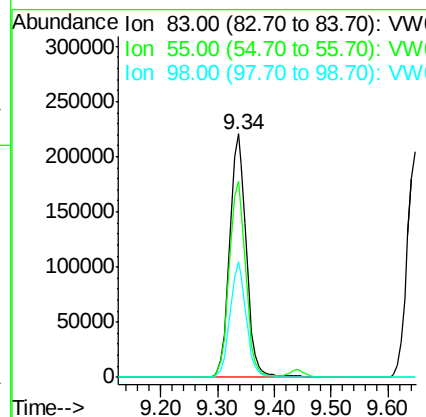
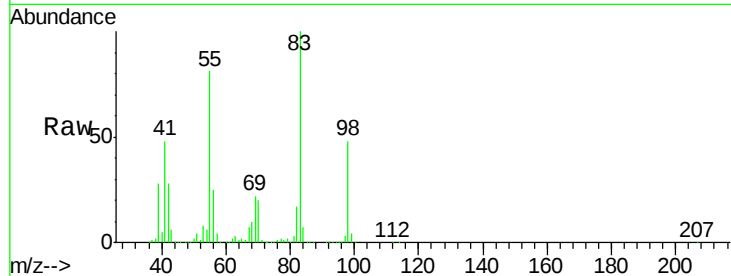
#39
Methvlcvclohexane
Concen: 104.93 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VW003752.D
Acq: 07 Jul 2018 00:58

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.7	65.1	97.7
98	47.5	36.7	55.1

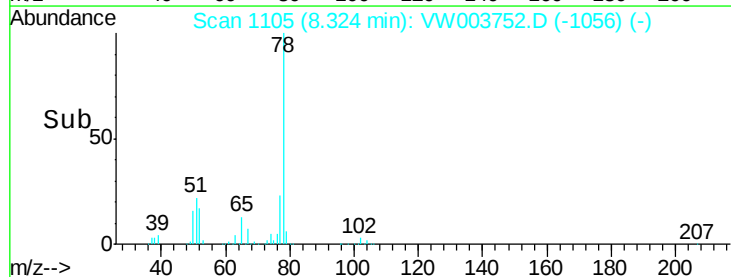
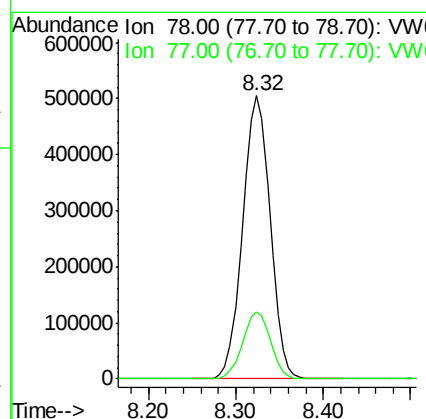
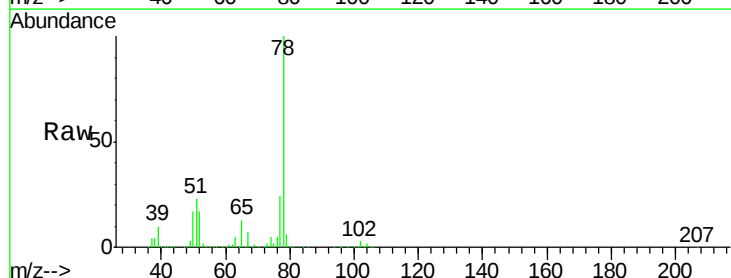
Manual Integrations
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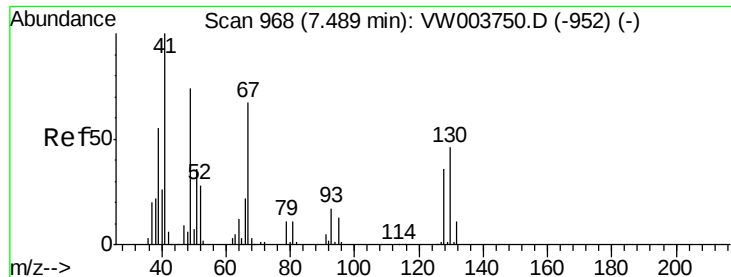
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#40
Benzene
Concen: 105.18 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VW003752.D
Acq: 07 Jul 2018 00:58

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.7	29.5





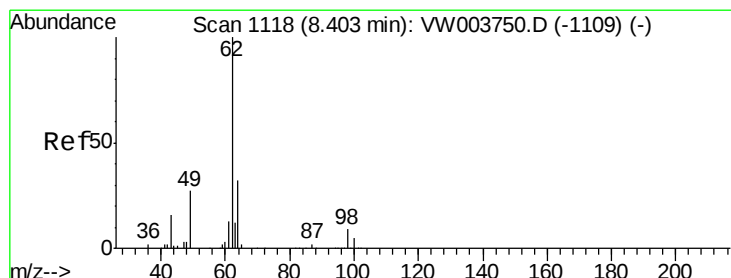
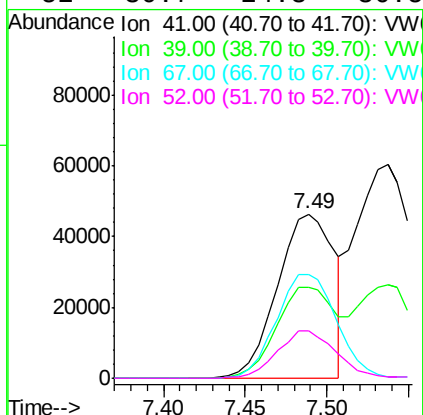
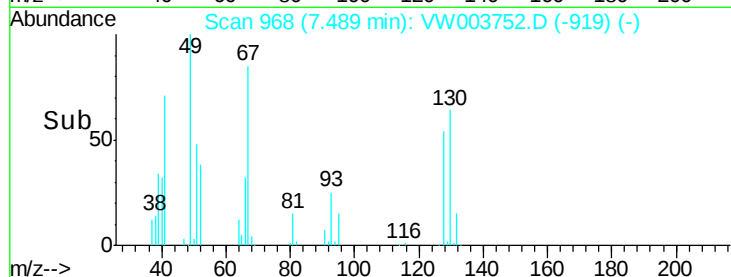
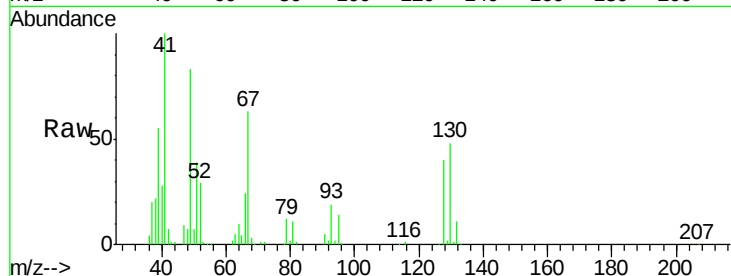
#41
Methacrylonitrile
Concen: 107.10 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.00 min
Lab File: VW003752.D
Acq: 07 Jul 2018 00:58

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	41	Resp	111512
Ion Ratio	Lower	Upper	
41	100		
39	61.4	49.5	74.3
67	67.8	53.8	80.8
52	30.7	24.3	36.5

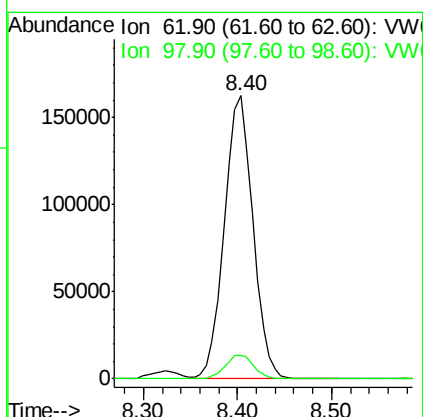
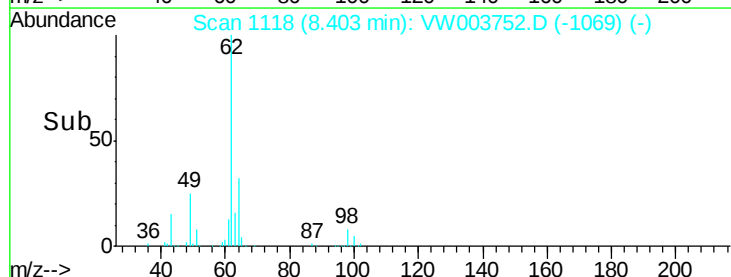
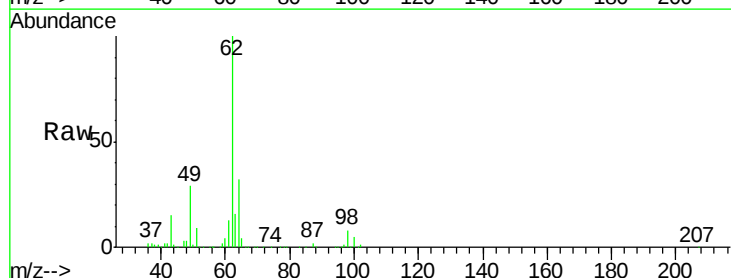
Manual Integrations
APPROVED

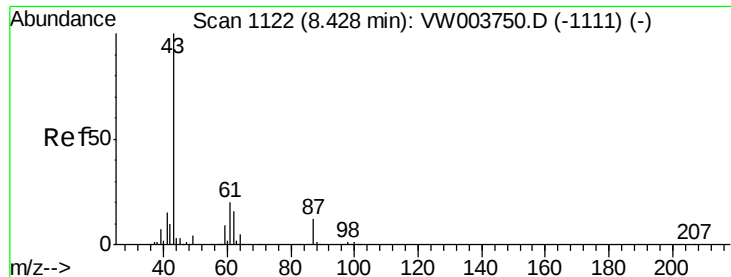
apatel
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#42
1,2-Dichloroethane
Concen: 102.99 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. -0.00 min
Lab File: VW003752.D
Acq: 07 Jul 2018 00:58

Tgt Ion	62	Resp	342296
Ion Ratio	Lower	Upper	
62	100		
98	8.5	0.0	16.4





#43

Isopropyl Acetate

Concen: 107.75 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.01 min

Lab File: VW003752.D

Acq: 07 Jul 2018 00:58

Instrument :

MSVOA_W

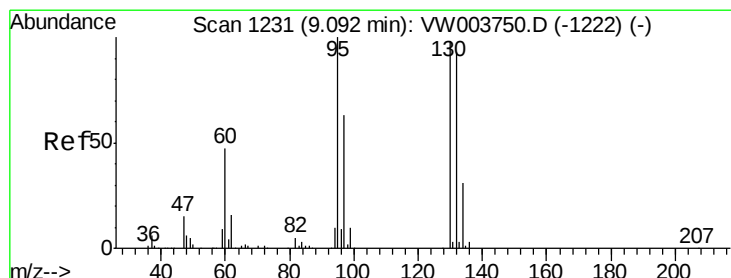
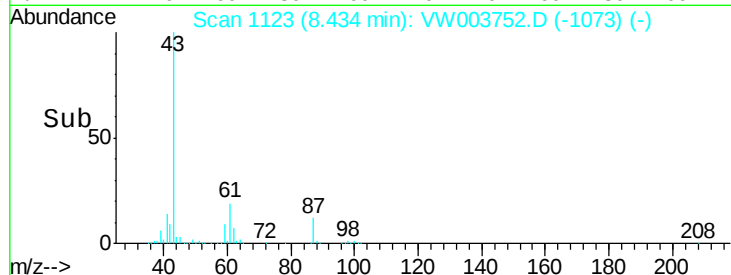
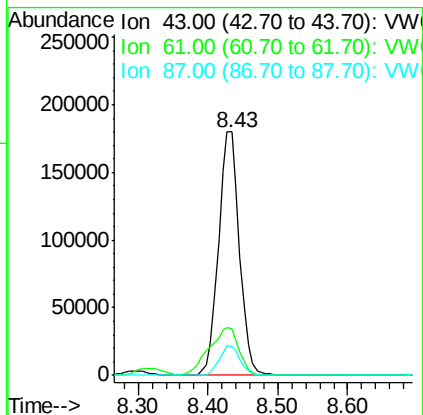
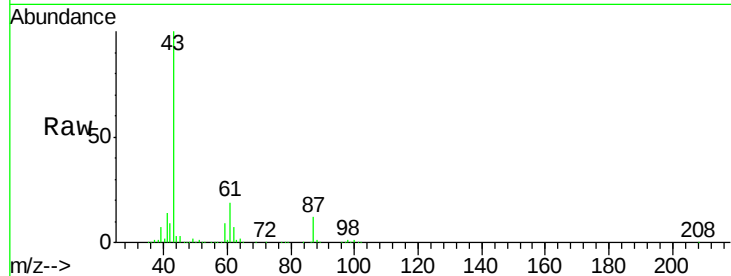
ClientSampleId :

VSTDIC100

Tot Ion:	43	Resp:	371997
Ion	Ratio	Lower	Upper
43	100		
61	28.1	22.8	34.2
87	12.0	9.5	14.3

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#44

Trichloroethene

Concen: 101.96 ug/l

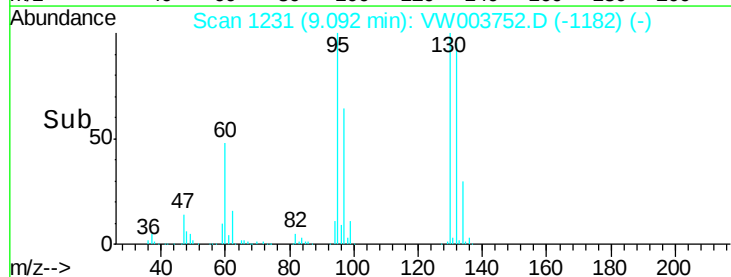
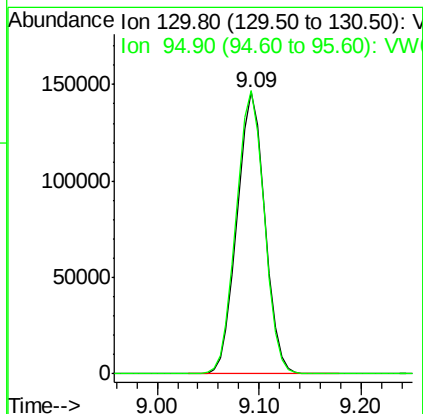
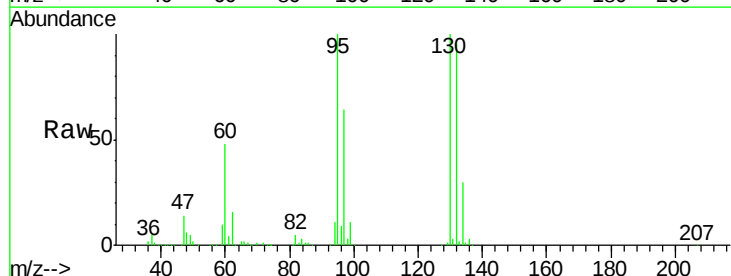
RT: 9.09 min Scan# 1231

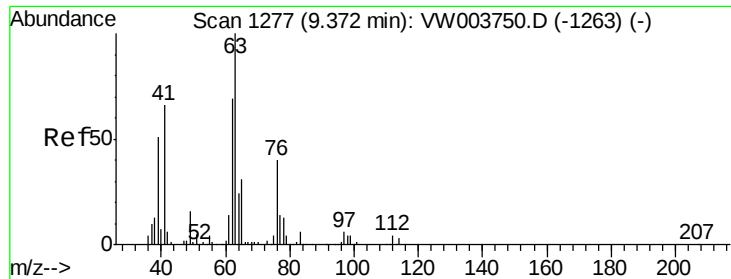
Delta R.T. -0.00 min

Lab File: VW003752.D

Acq: 07 Jul 2018 00:58

Tgt Ion:	130	Resp:	275842
Ion	Ratio	Lower	Upper
130	100		
95	100.4	0.0	203.8





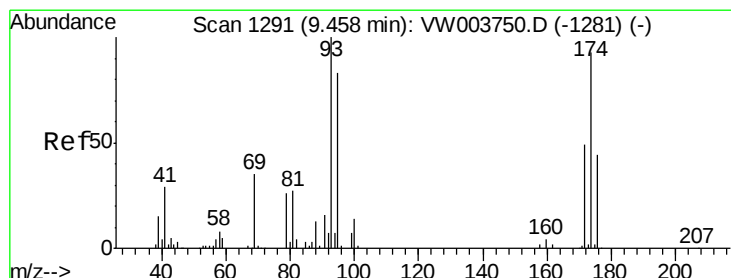
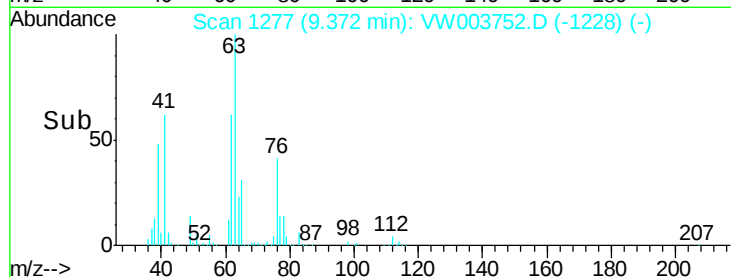
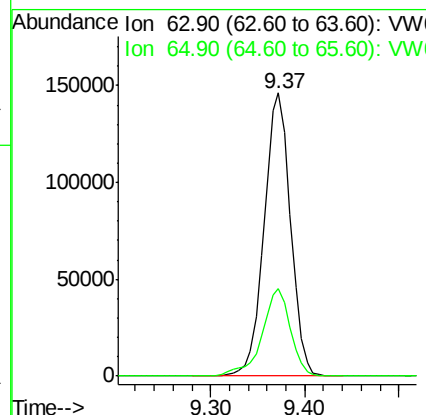
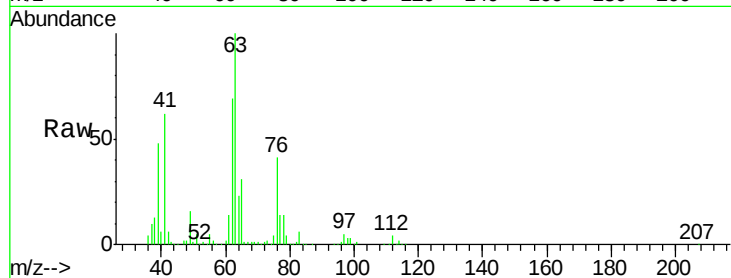
#45
 1,2-Dichloropropane
 Concen: 105.81 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VW003752.D
 Acq: 07 Jul 2018 00:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.1	24.9	37.3

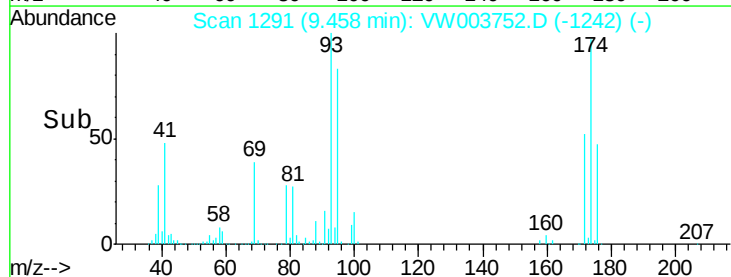
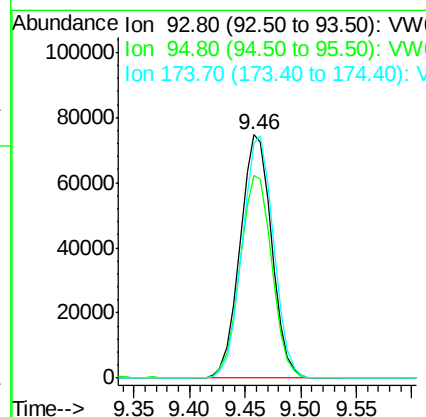
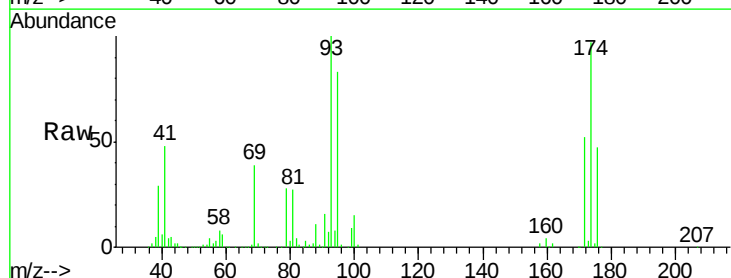
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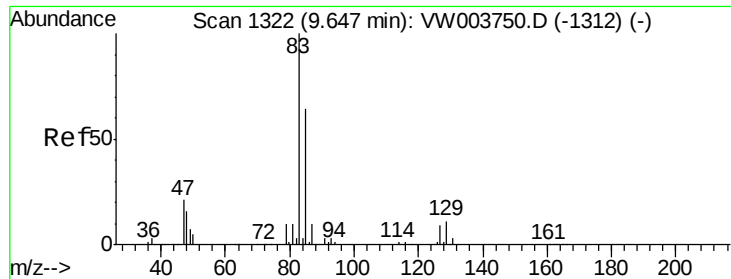
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#46
 Dibromomethane
 Concen: 103.11 ug/l
 RT: 9.46 min Scan# 1291
 Delta R.T. -0.00 min
 Lab File: VW003752.D
 Acq: 07 Jul 2018 00:58

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.2	67.2	100.8
174	99.1	78.1	117.1





#47

Bromodichloromethane

Concen: 106.18 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VW003752.D

Acq: 07 Jul 2018 00:58

Instrument :

MSVOA_W

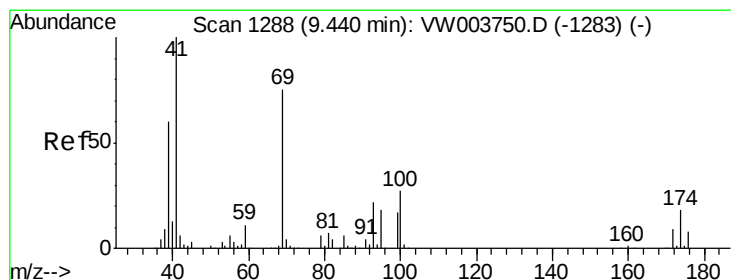
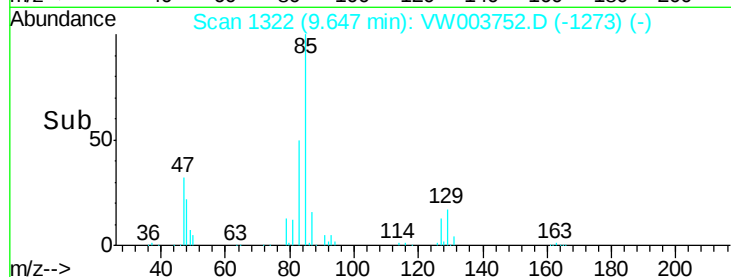
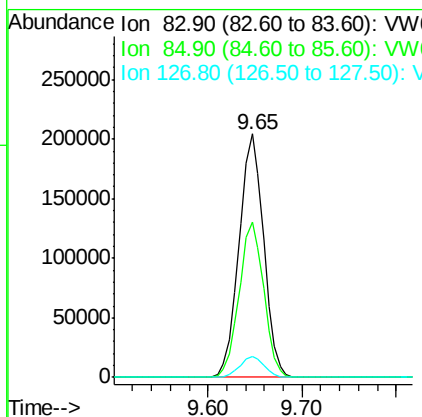
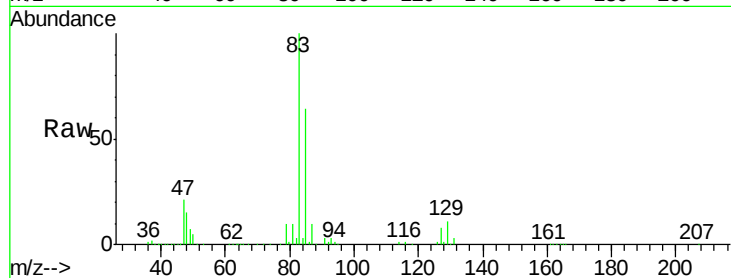
ClientSampled :

VSTDICC100

Tot Ion:	83	Resp:	371801
Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.4	77.0
127	8.5	6.8	10.2

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#48

Methyl methacrylate

Concen: 110.80 ug/l

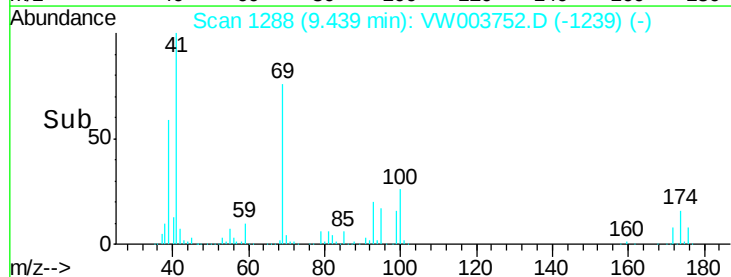
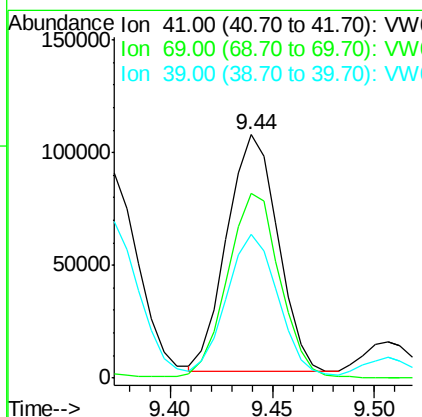
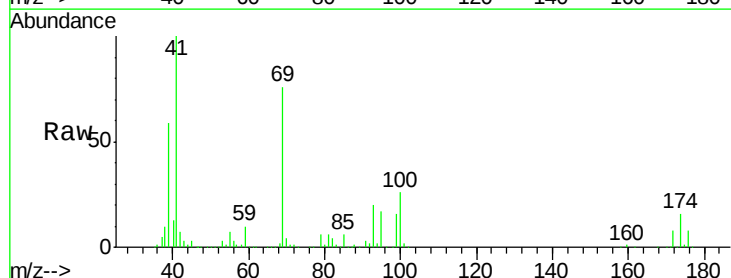
RT: 9.44 min Scan# 1288

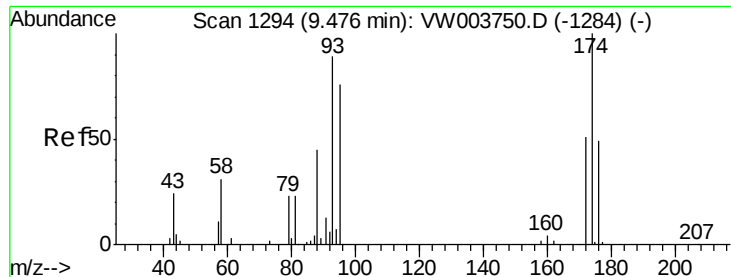
Delta R.T. -0.00 min

Lab File: VW003752.D

Acq: 07 Jul 2018 00:58

Tgt Ion:	41	Resp:	181854
Ion	Ratio	Lower	Upper
41	100		
69	80.9	63.8	95.8
39	62.3	50.2	75.2





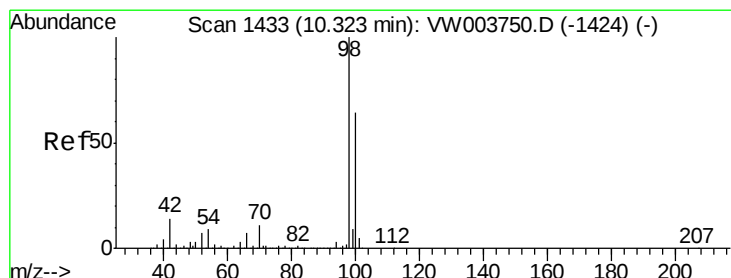
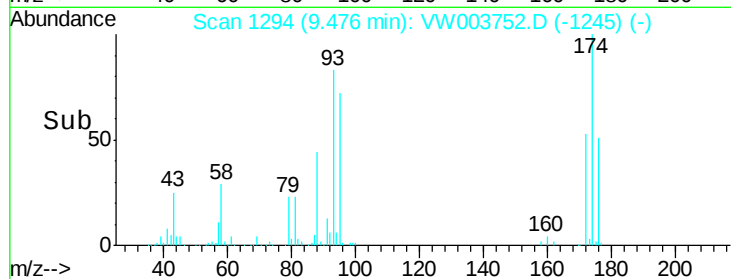
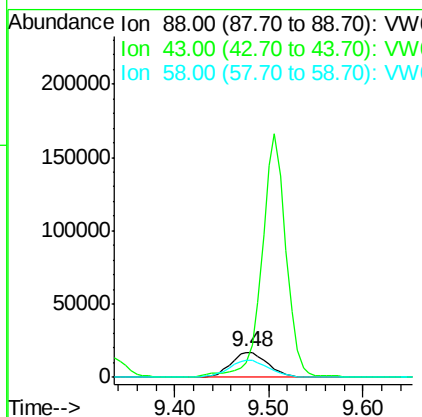
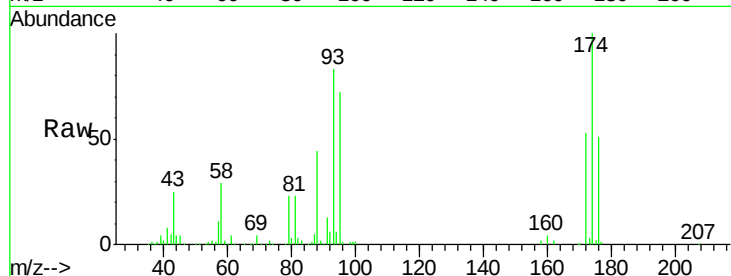
#49
 1,4-Dioxane
 Concen: 2128.70 ug/l
 RT: 9.48 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VW003752.D
 Acq: 07 Jul 2018 00:58

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC100

Tot Ion	88	Resp	47175
Ion Ratio	100	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	74.4	59.7	89.5

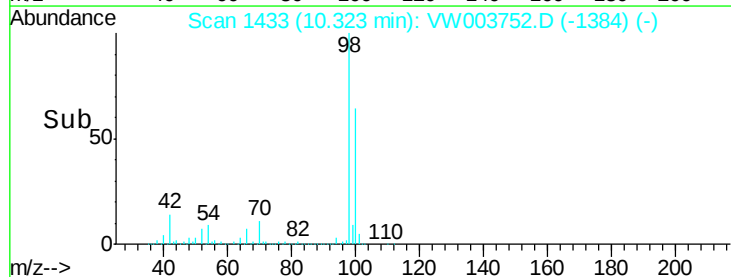
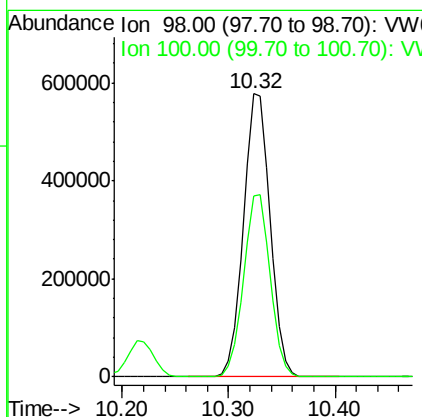
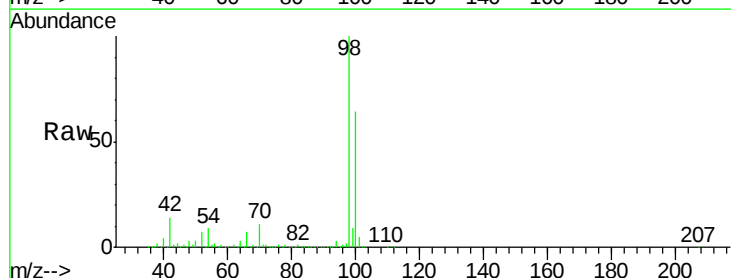
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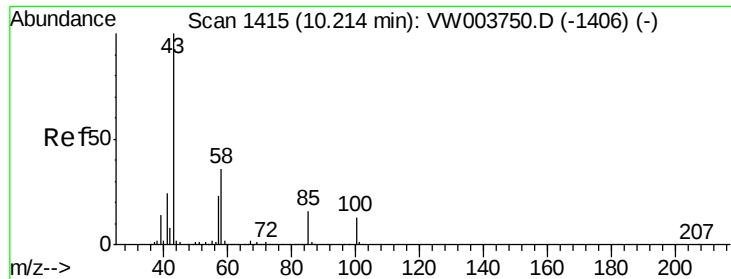
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#50
 Toluene-d8
 Concen: 107.45 ug/l
 RT: 10.32 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: VW003752.D
 Acq: 07 Jul 2018 00:58

Tgt Ion	98	Resp	1017395
Ion Ratio	100	Lower	Upper
98	100		
100	64.1	50.8	76.2





#51

4-Methyl-2-Pentanone

Concen: 534.97 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. -0.00 min

Lab File: VW003752.D

Acq: 07 Jul 2018 00:58

Instrument :

MSVOA_W

ClientSampled :

VSTDIC100

Tot Ion: 43 Resp: 976155

Ion Ratio Lower Upper

43 100

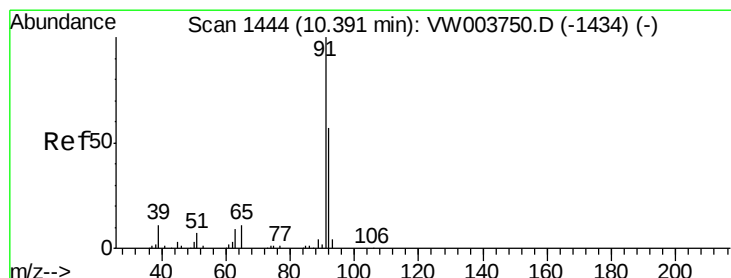
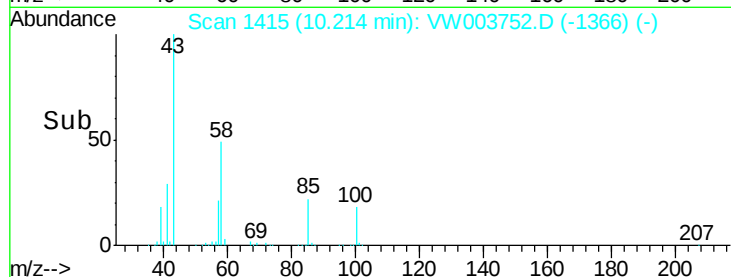
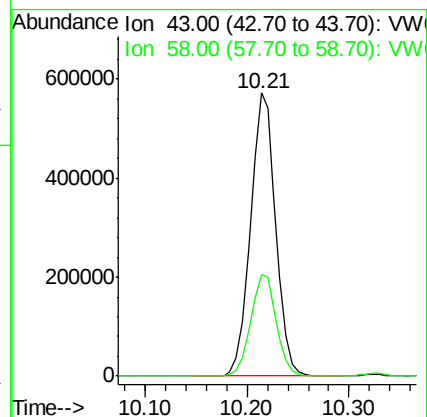
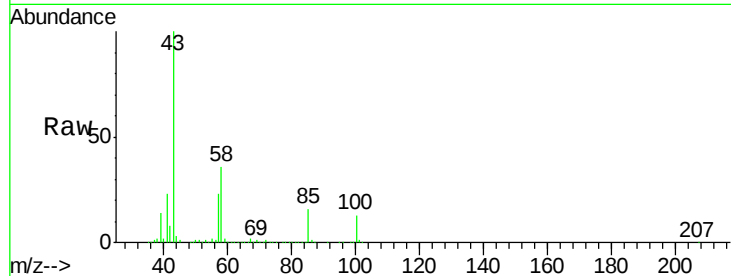
58 36.6 29.3 43.9

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#52

Toluene

Concen: 106.54 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.00 min

Lab File: VW003752.D

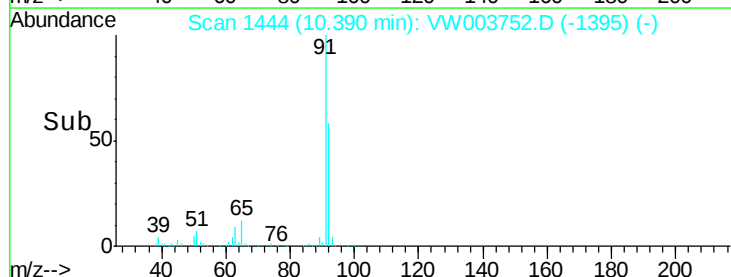
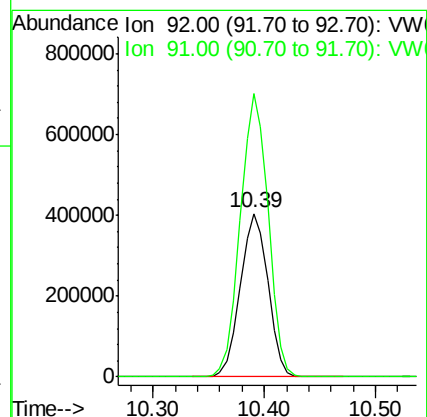
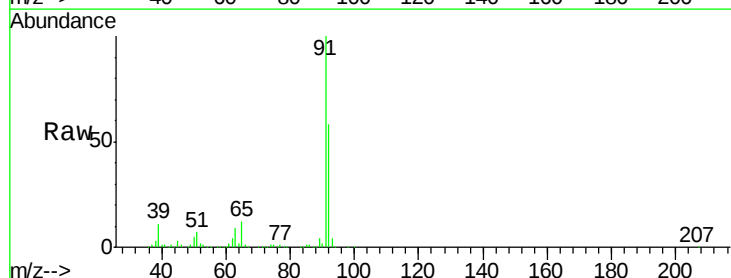
Acq: 07 Jul 2018 00:58

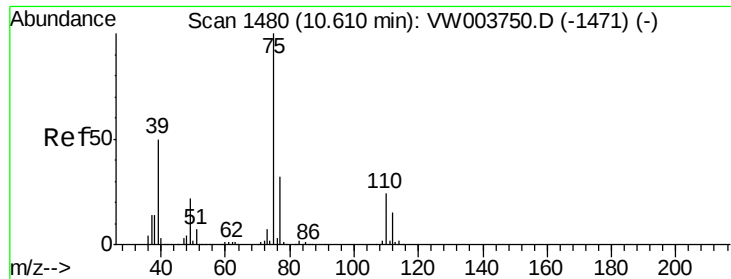
Tgt Ion: 92 Resp: 696080

Ion Ratio Lower Upper

92 100

91 174.0 140.6 211.0





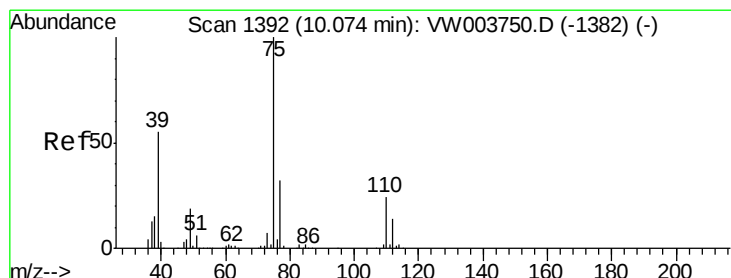
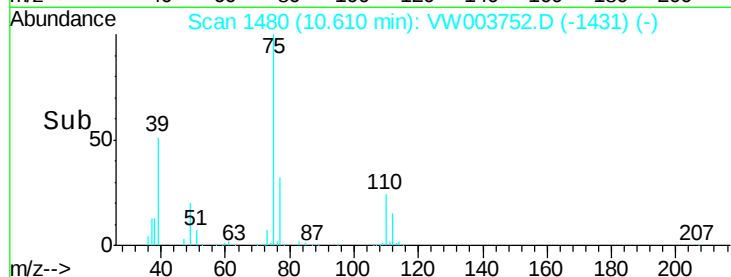
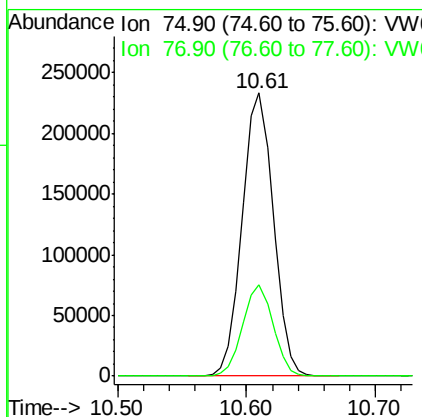
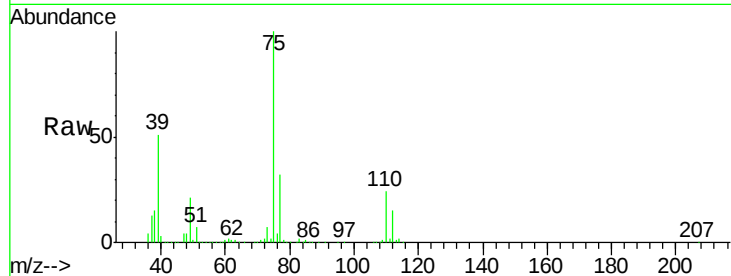
#53
t-1,3-Dichloropropene
Concen: 107.73 ug/l
RT: 10.61 min Scan# 1480
Delta R.T. -0.00 min
Lab File: VW003752.D
Acq: 07 Jul 2018 00:58

Instrument :
MSVOA_W
ClientSampled :
VSTDIC100

Tot Ion: 75 Resp: 390223
Ion Ratio Lower Upper
75 100
77 32.1 25.5 38.3

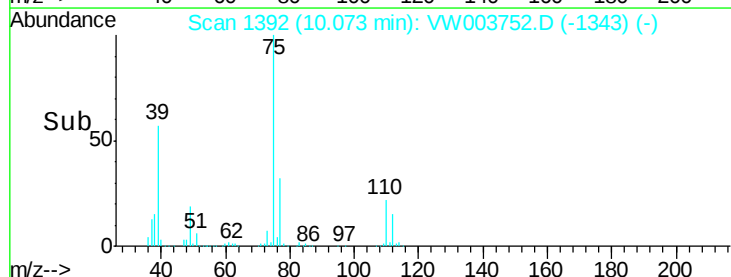
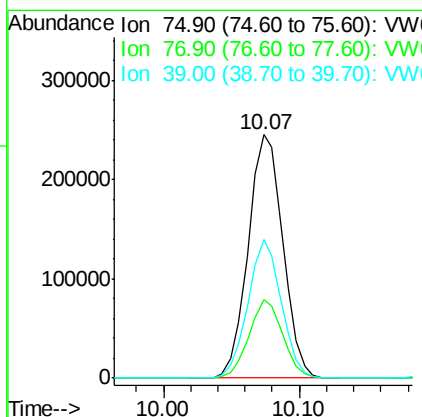
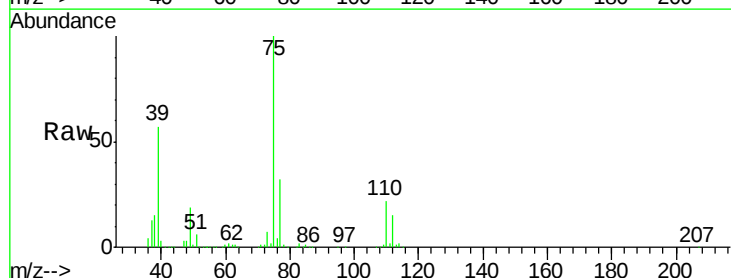
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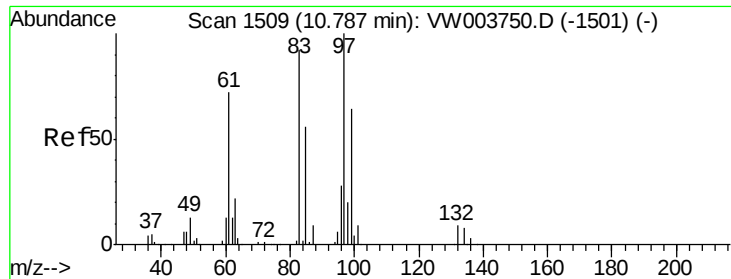
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#54
cis-1,3-Dichloropropene
Concen: 107.34 ug/l
RT: 10.07 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW003752.D
Acq: 07 Jul 2018 00:58

Tgt Ion: 75 Resp: 439518
Ion Ratio Lower Upper
75 100
77 32.1 25.6 38.4
39 56.7 43.6 65.4





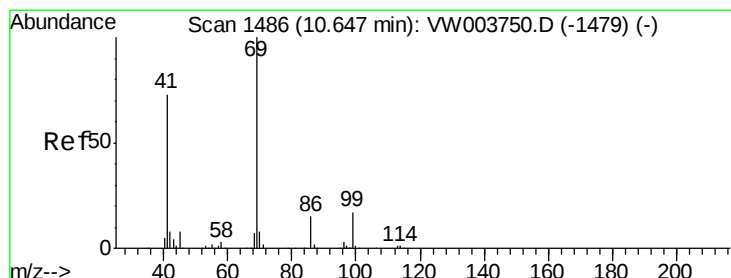
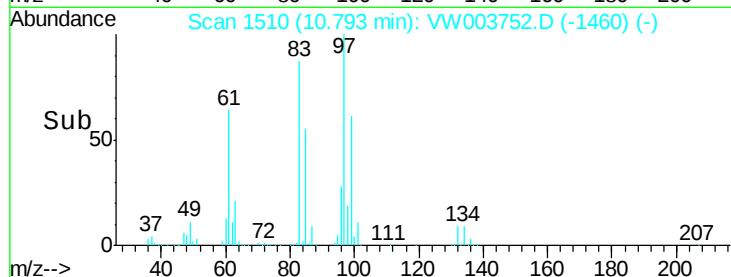
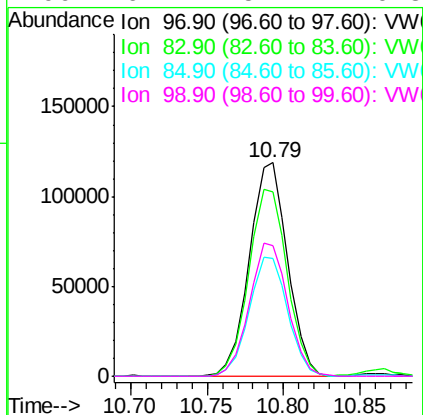
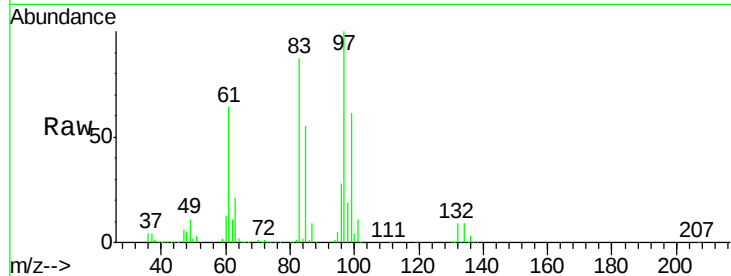
#55
 1,1,2-Trichloroethane
 Concen: 103.46 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.01 min
 Lab File: VW003752.D
 Acq: 07 Jul 2018 00:58

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC100

Tot Ion:	97	Resp:	206915
Ion	Ratio	Lower	Upper
97	100		
83	86.5	73.8	110.6
85	55.0	45.0	67.4
99	61.1	51.2	76.8

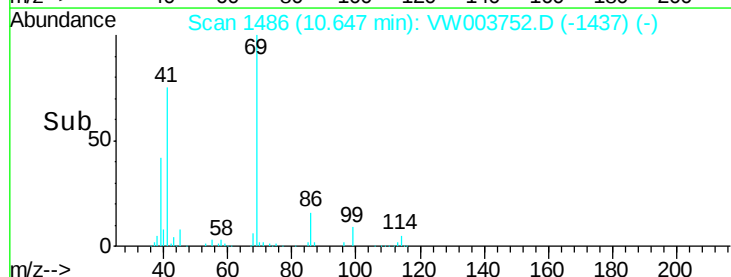
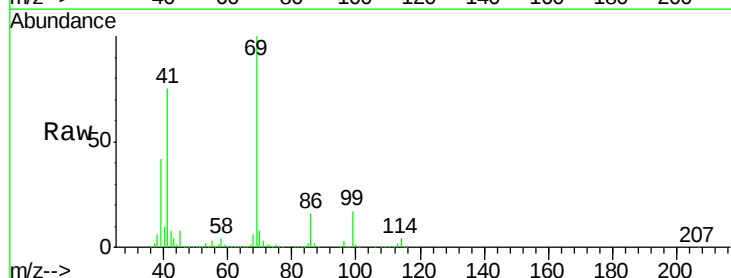
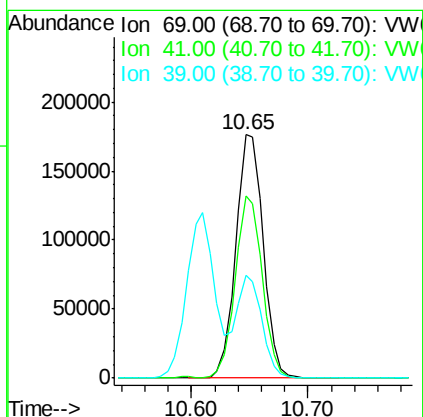
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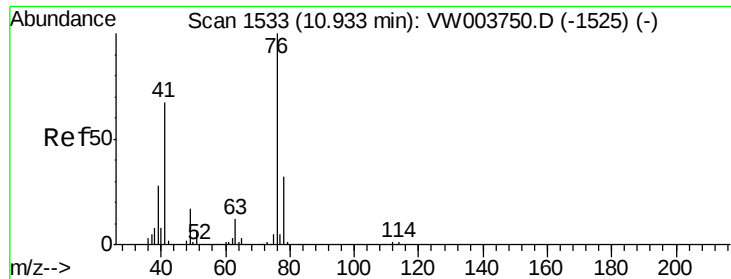
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#56
 Ethyl methacrylate
 Concen: 114.72 ug/l
 RT: 10.65 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VW003752.D
 Acq: 07 Jul 2018 00:58

Tgt Ion:	69	Resp:	288982
Ion	Ratio	Lower	Upper
69	100		
41	73.0	59.0	88.4
39	40.2	32.8	49.2





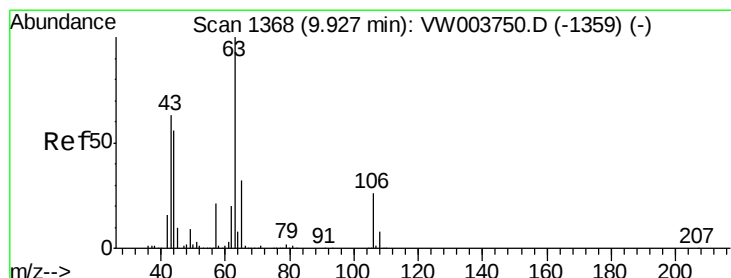
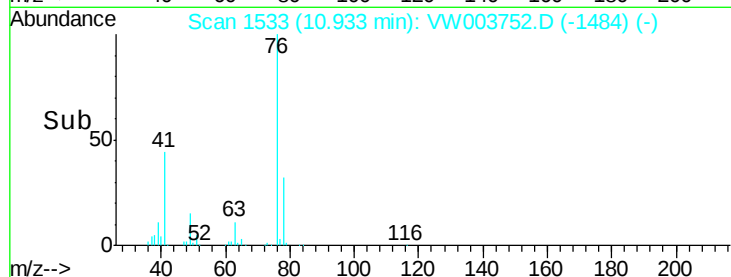
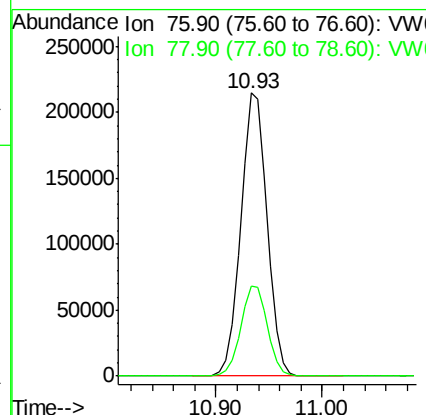
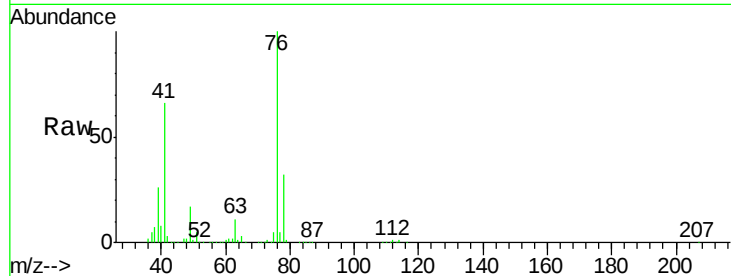
#57
 1,3-Dichloropropane
 Concen: 106.58 ug/l
 RT: 10.93 min Scan# 1533
 Delta R.T. -0.00 min
 Lab File: VW003752.D
 Acq: 07 Jul 2018 00:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tot Ion: 76 Resp: 370933
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.6 38.4

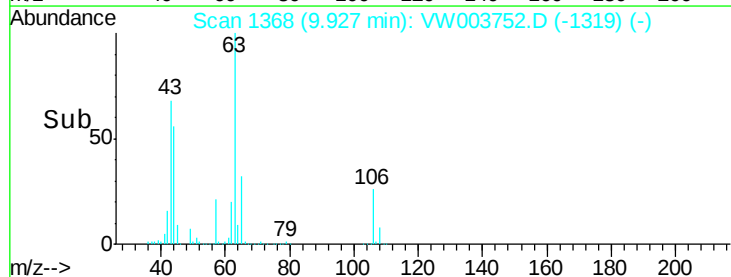
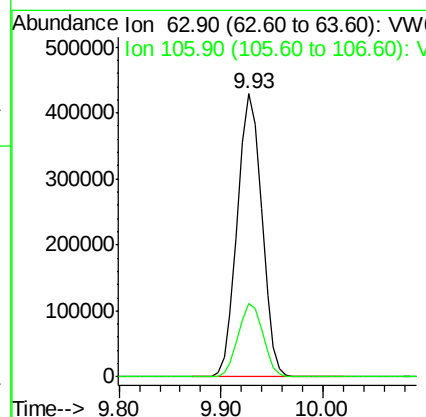
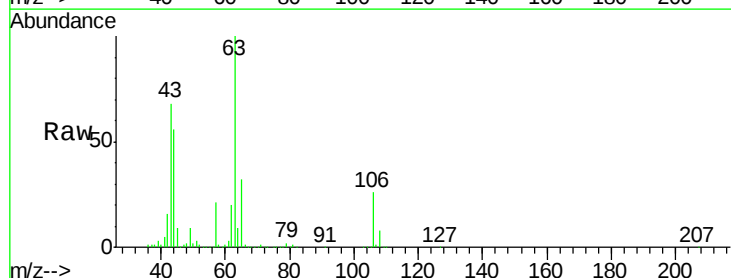
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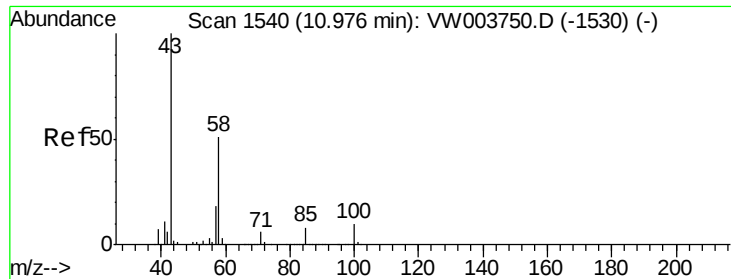
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#58
 2-Chloroethyl Vinyl ether
 Concen: 637.80 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. -0.00 min
 Lab File: VW003752.D
 Acq: 07 Jul 2018 00:58

Tgt Ion: 63 Resp: 713779
 Ion Ratio Lower Upper
 63 100
 106 26.0 20.9 31.3





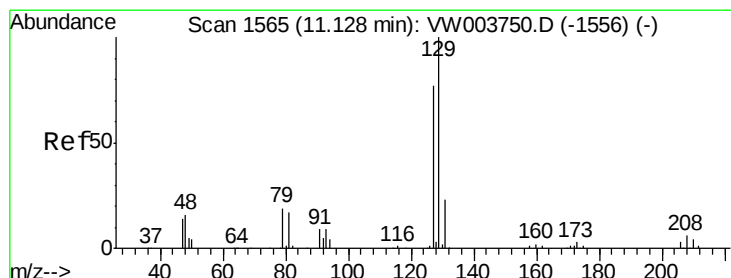
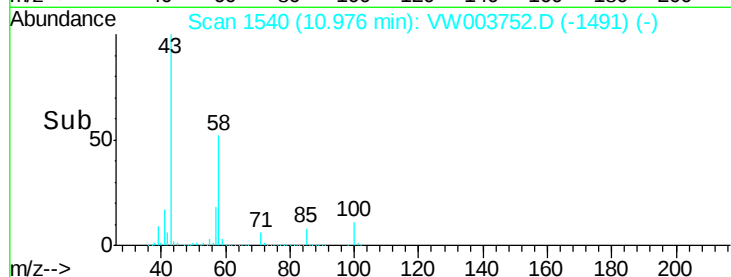
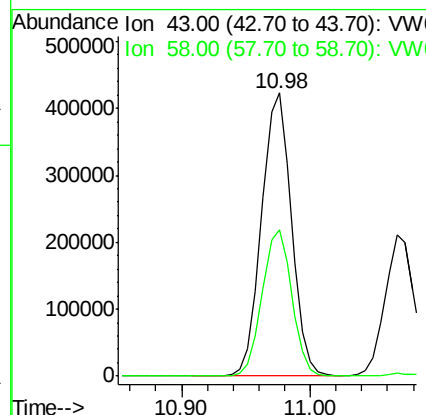
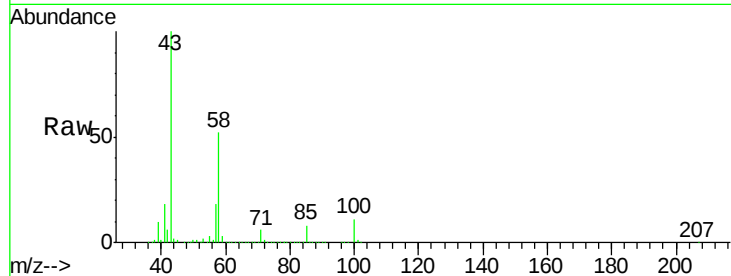
#59
2-Hexanone
Concen: 521.05 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW003752.D
Acq: 07 Jul 2018 00:58

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion: 43 Resp: 676693
Ion Ratio Lower Upper
43 100
58 51.3 25.4 76.2

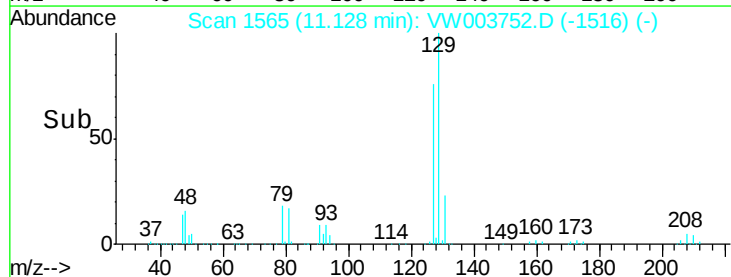
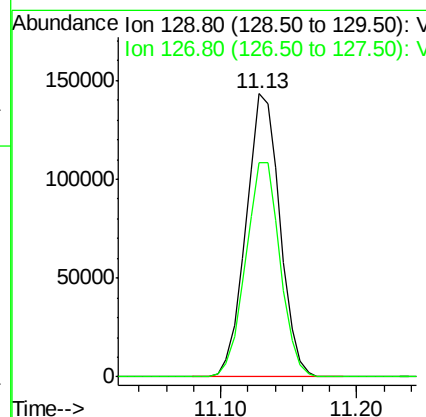
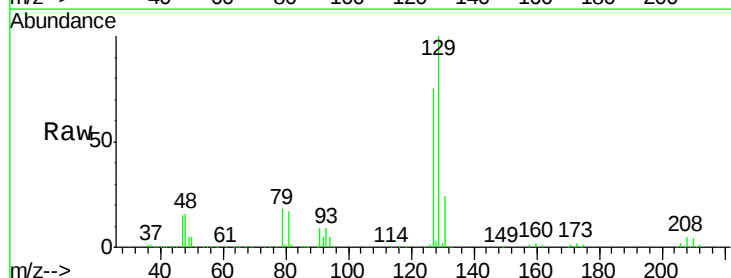
Manual Integrations
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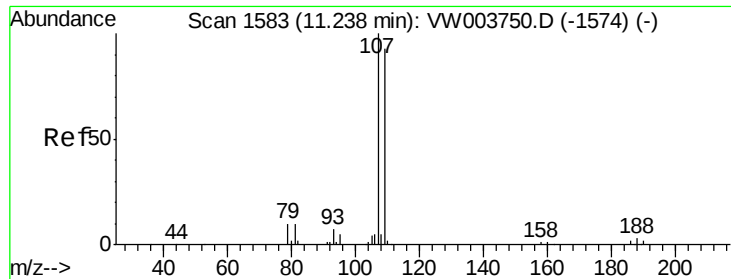
apatel
7/9/2018 10:26:12 AM



#60
Dibromochloromethane
Concen: 106.33 ug/l
RT: 11.13 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VW003752.D
Acq: 07 Jul 2018 00:58

Tgt Ion: 129 Resp: 249152
Ion Ratio Lower Upper
129 100
127 76.9 38.9 116.6





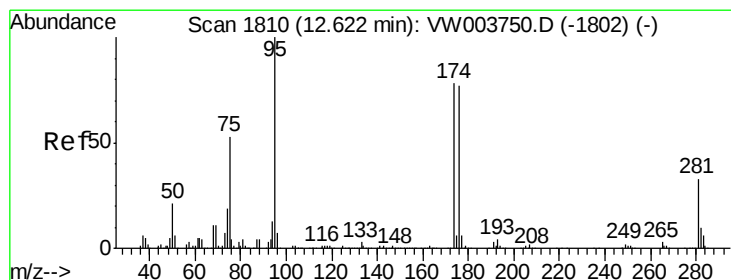
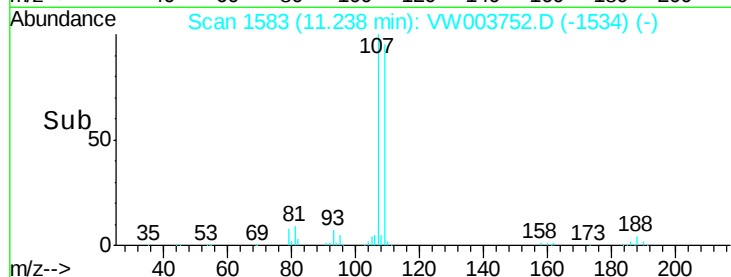
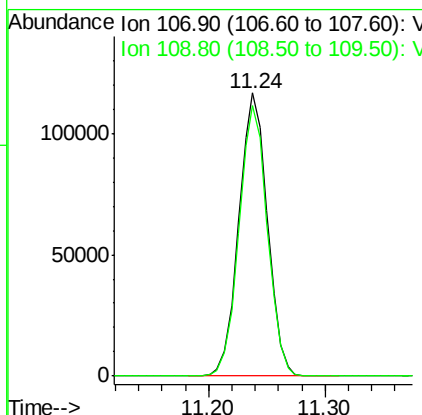
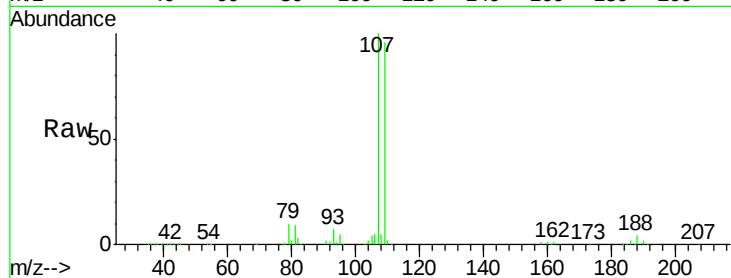
#61
 1,2-Dibromoethane
 Concen: 103.53 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VW003752.D
 Acq: 07 Jul 2018 00:58

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC100

Tot Ion: 107 Resp: 198926
 Ion Ratio Lower Upper
 107 100
 109 95.1 75.1 112.7

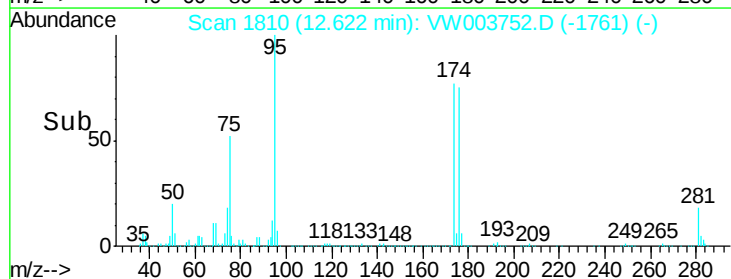
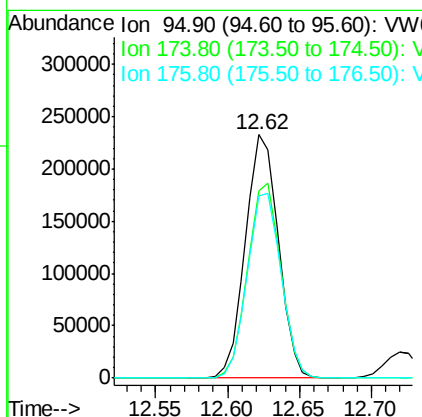
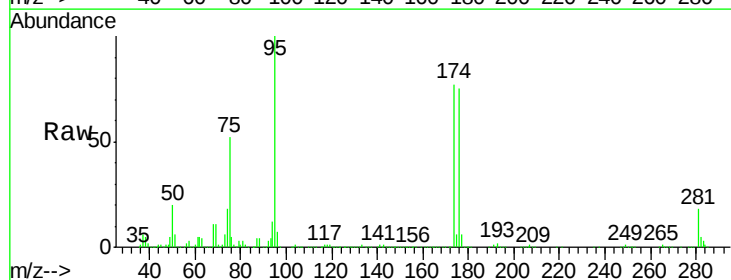
Manual Integrations
 APPROVED

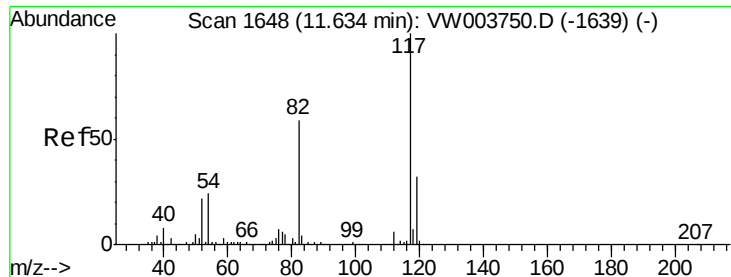
apatel
 7/9/2018 10:26:12 AM



#62
 4-Bromofluorobenzene
 Concen: 108.24 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VW003752.D
 Acq: 07 Jul 2018 00:58

Tgt Ion: 95 Resp: 368331
 Ion Ratio Lower Upper
 95 100
 174 80.7 0.0 163.4
 176 78.1 0.0 156.8





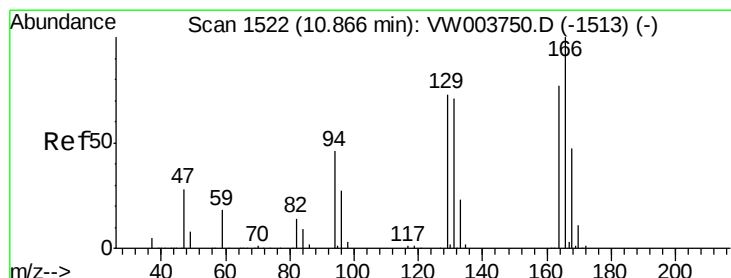
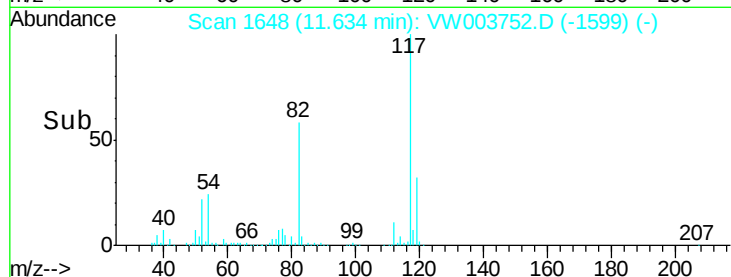
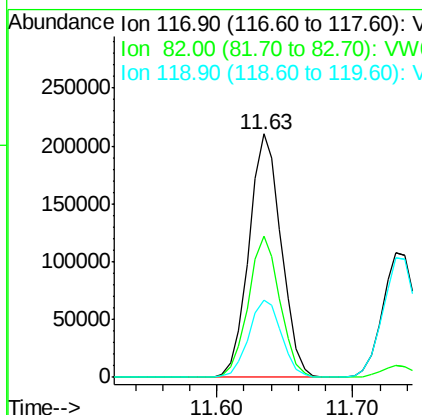
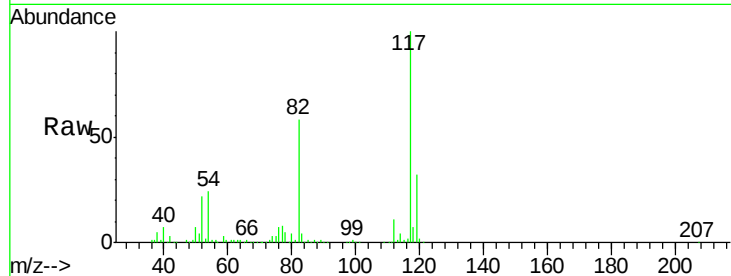
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003752.D
Acq: 07 Jul 2018 00:58

Instrument :
MSVOA_W
ClientSampled :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
117	100	349287		
82	57.9	46.9	70.3	
119	31.8	25.5	38.3	

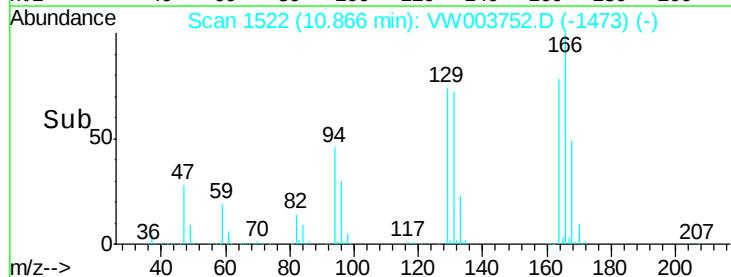
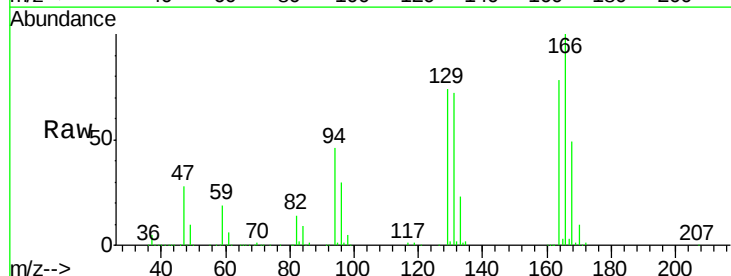
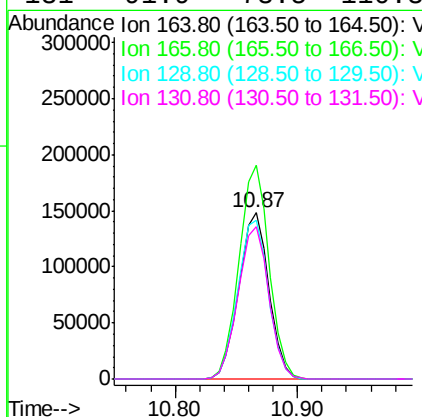
Manual Integrations
APPROVED

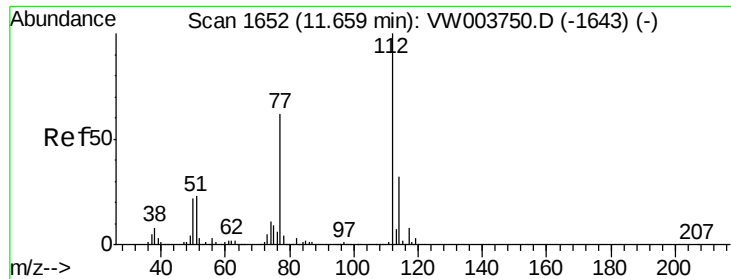
apatel
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#64
Tetrachloroethene
Concen: 104.96 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW003752.D
Acq: 07 Jul 2018 00:58

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	252336		
166	128.6	104.2	156.4	
129	95.5	75.8	113.8	
131	91.9	73.5	110.3	





#65

Chlorobenzene

Concen: 102.41 ug/l

RT: 11.66 min Scan# 1652

Delta R.T. -0.00 min

Lab File: VW003752.D

Acq: 07 Jul 2018 00:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tot Ion:112 Resp: 758880

Ion Ratio Lower Upper

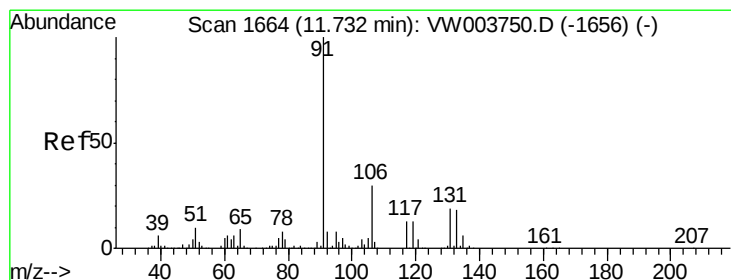
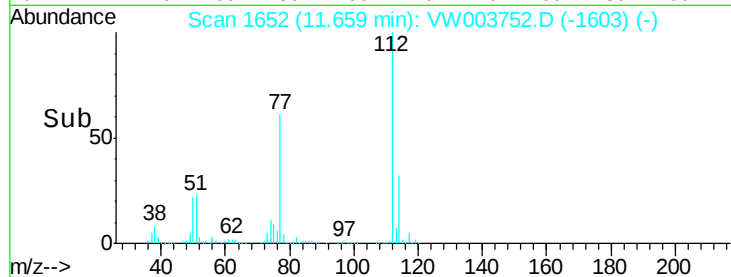
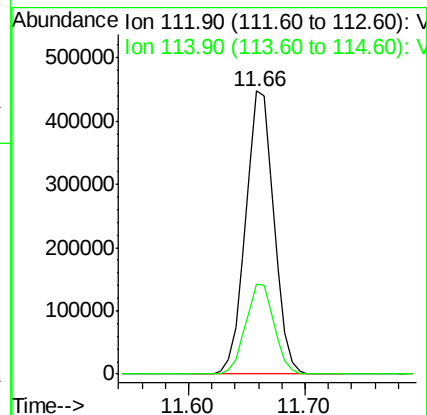
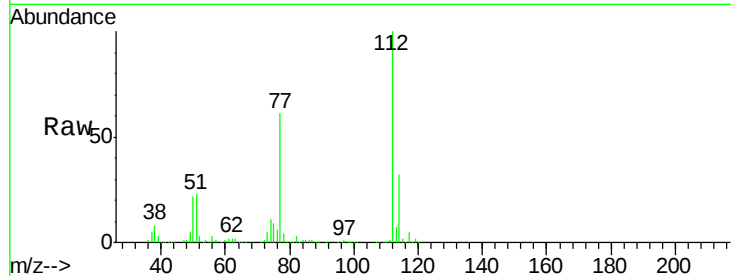
112 100

114 32.0 26.0 39.0

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 104.44 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. 0.01 min

Lab File: VW003752.D

Acq: 07 Jul 2018 00:58

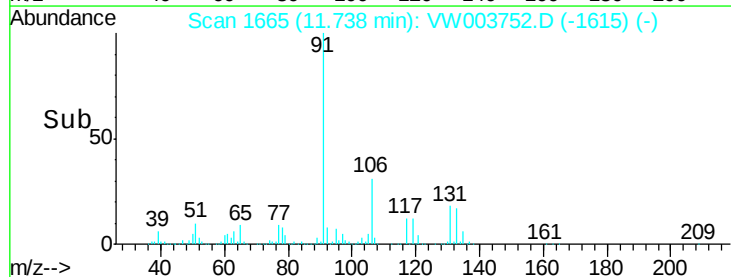
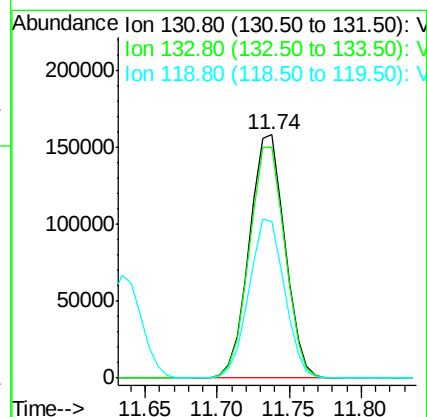
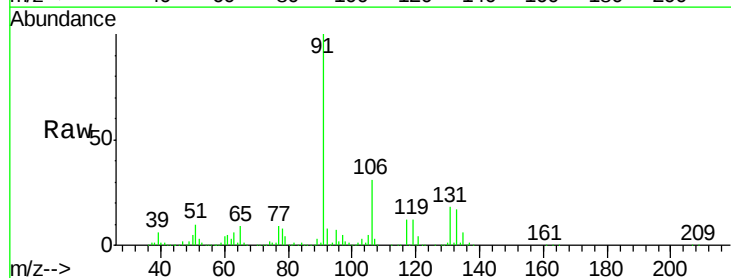
Tgt Ion:131 Resp: 270119

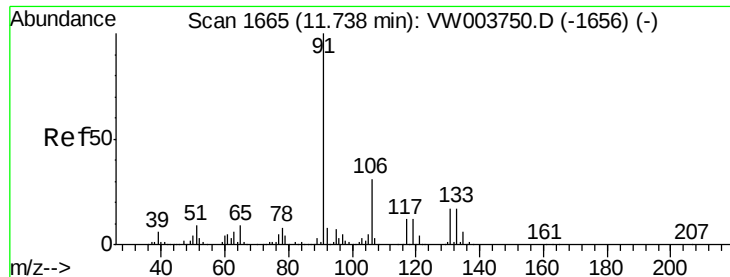
Ion Ratio Lower Upper

131 100

133 95.6 48.0 144.2

119 65.3 33.2 99.6





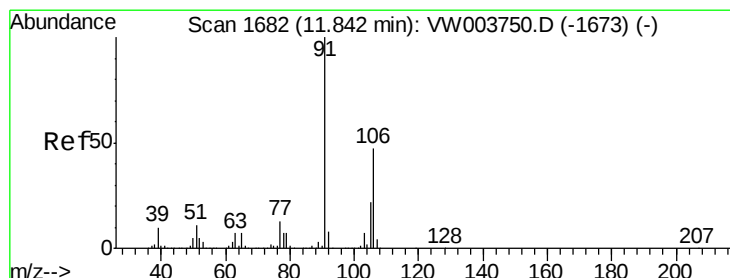
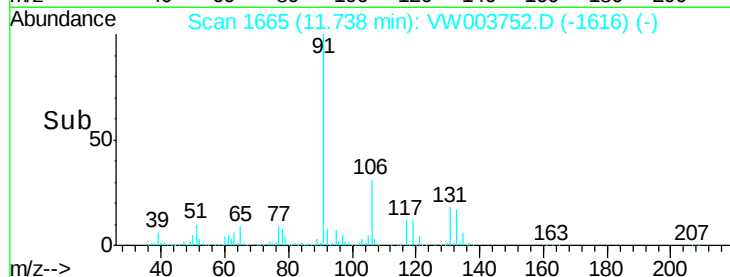
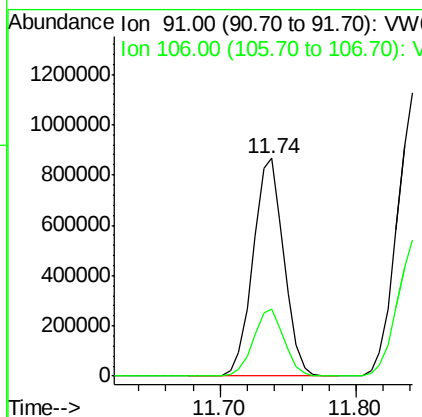
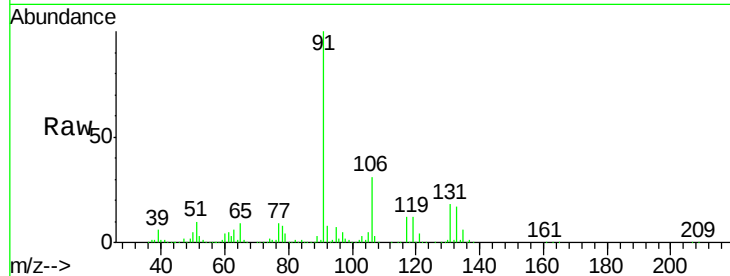
#67
Ethyl Benzene
Concen: 106.38 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW003752.D
Acq: 07 Jul 2018 00:58

Instrument :
MSVOA_W
ClientSampled :
VSTDIC100

Tot Ion: 91 Resp: 1376295
Ion Ratio Lower Upper
91 100
106 30.9 24.6 37.0

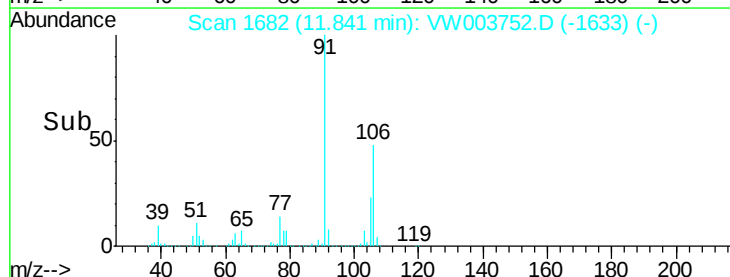
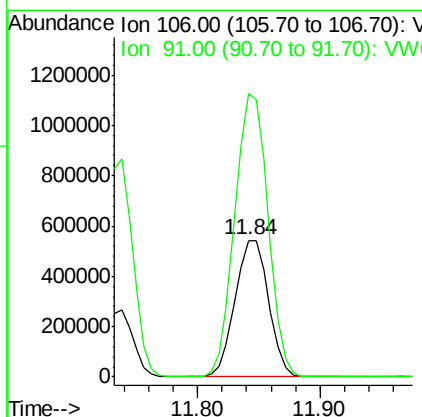
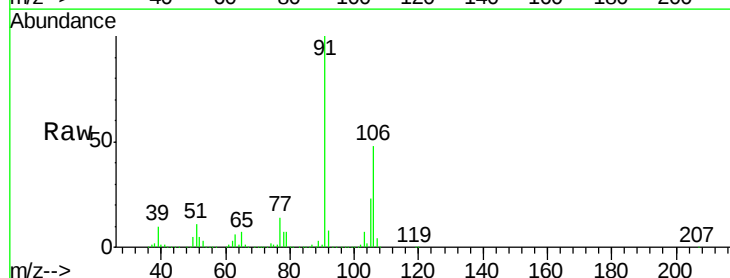
Manual Integrations
APPROVED

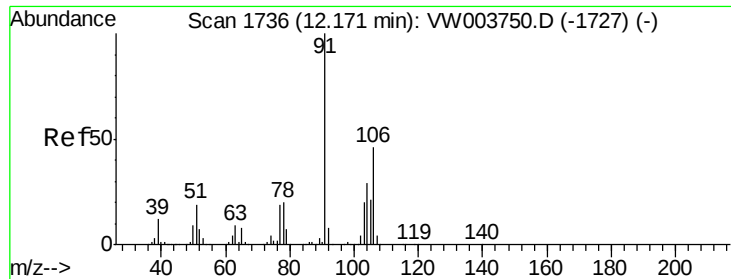
apatel
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#68
m/p-Xylenes
Concen: 209.28 ug/l
RT: 11.84 min Scan# 1682
Delta R.T. -0.00 min
Lab File: VW003752.D
Acq: 07 Jul 2018 00:58

Tgt Ion: 106 Resp: 1031739
Ion Ratio Lower Upper
106 100
91 206.1 164.3 246.5





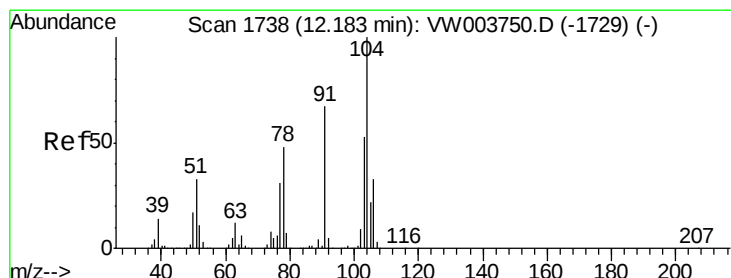
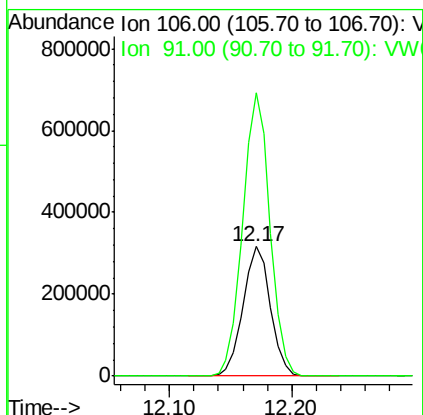
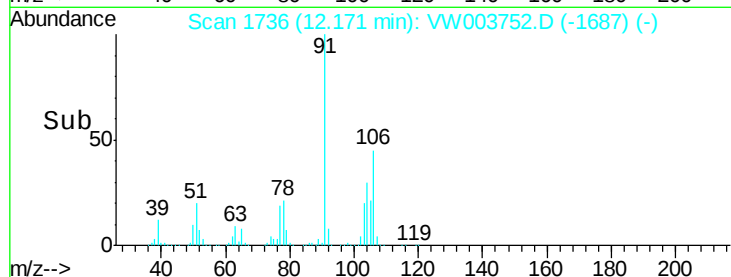
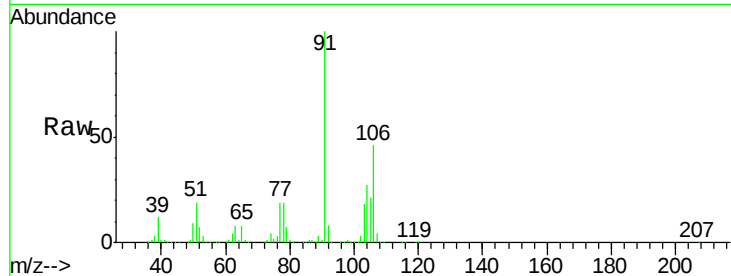
#69
o-Xylene
Concen: 107.45 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW003752.D
Acq: 07 Jul 2018 00:58

Instrument :
MSVOA_W
ClientSampled :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
106	100		
91	217.5	109.1	327.2

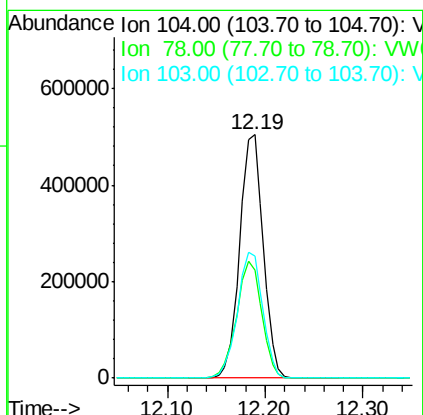
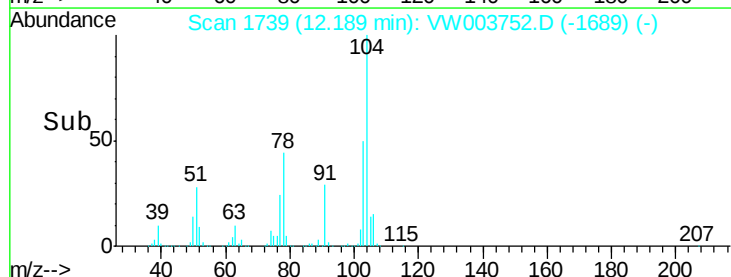
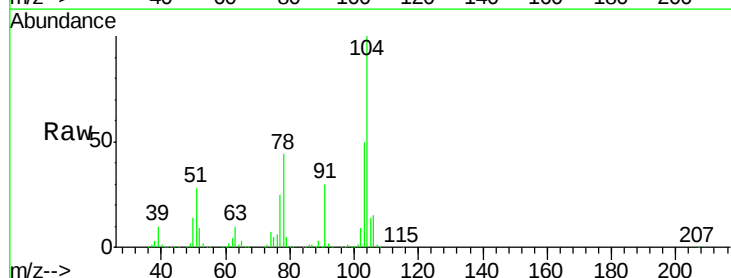
Manual Integrations
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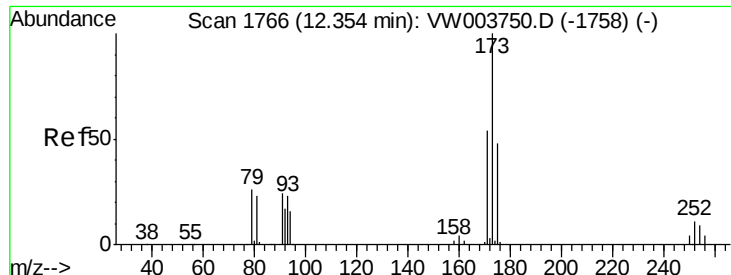
apatel
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#70
Styrene
Concen: 109.68 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.01 min
Lab File: VW003752.D
Acq: 07 Jul 2018 00:58

Tgt Ion	Ratio	Lower	Upper
104	100		
78	51.6	41.1	61.7
103	55.5	44.6	67.0





#71

Bromoform

Concen: 104.52 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. -0.00 min

Lab File: VW003752.D

Acq: 07 Jul 2018 00:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tot Ion:173 Resp: 151422

Ion Ratio Lower Upper

173 100

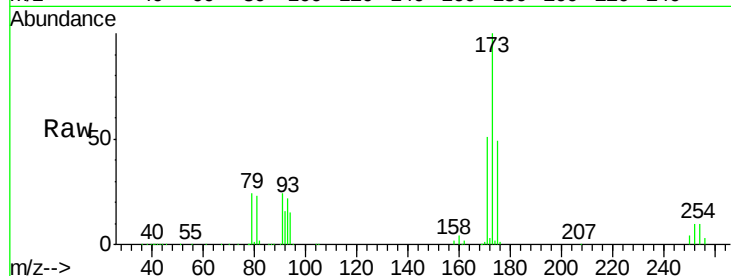
175 48.8 24.1 72.4

254 0.1 0.0 0.0#

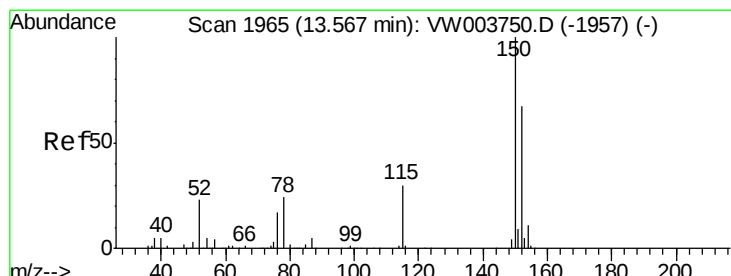
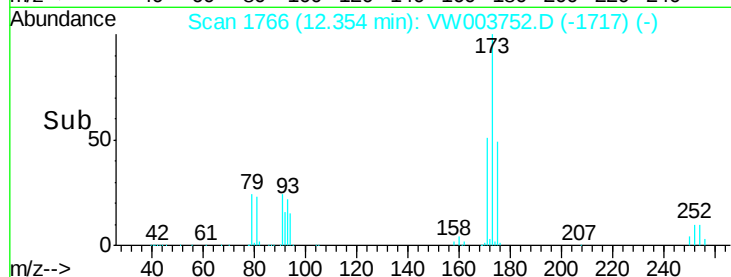
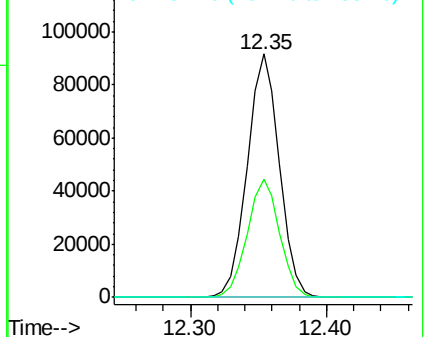
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VW003752.D

Acq: 07 Jul 2018 00:58

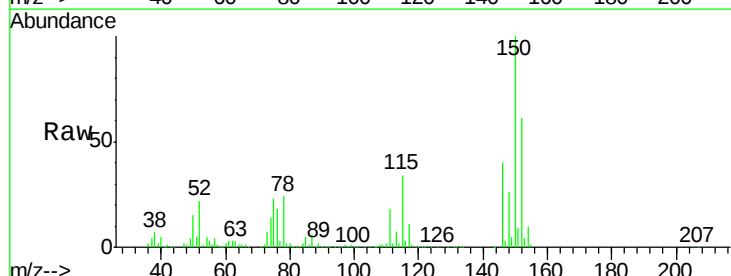
Tgt Ion:152 Resp: 181656

Ion Ratio Lower Upper

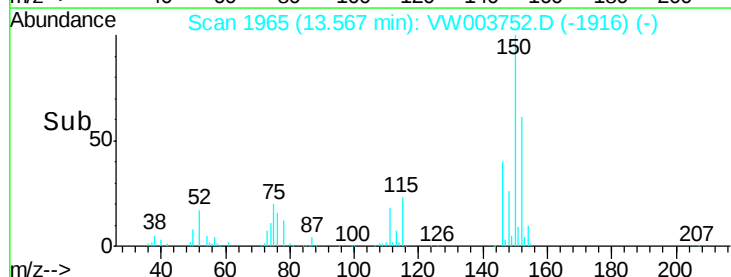
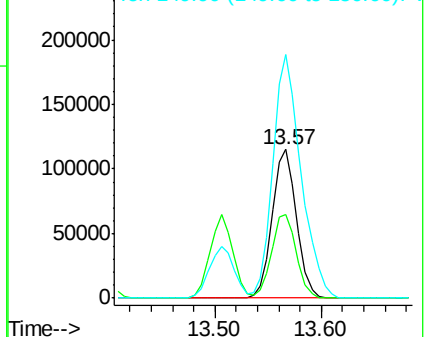
152 100

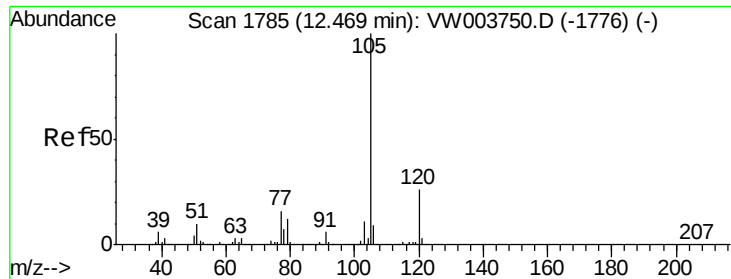
115 57.5 28.9 86.8

150 191.0 0.0 342.4



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





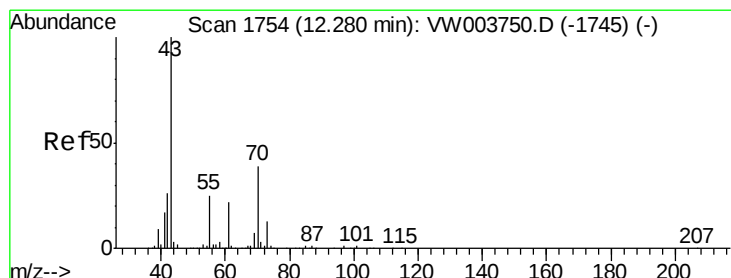
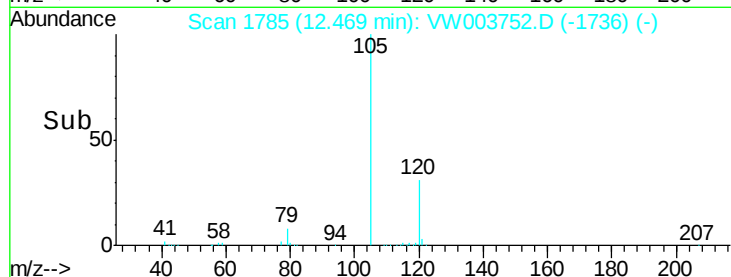
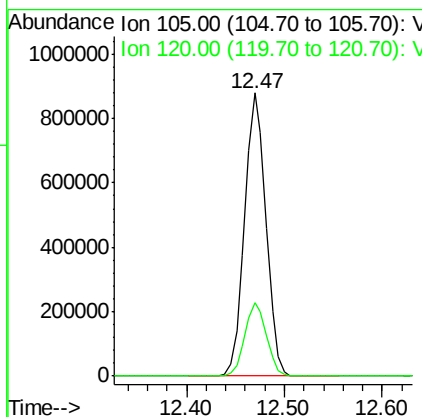
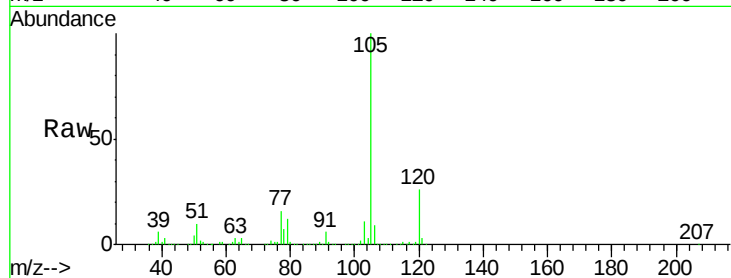
#73
Isopropylbenzene
Concen: 107.66 ug/l
RT: 12.47 min Scan# 1785
Delta R.T. -0.00 min
Lab File: VW003752.D
Acq: 07 Jul 2018 00:58

Instrument :
MSVOA_W
ClientSampled :
VSTDIC100

Tot Ion:105 Resp: 1333053
Ion Ratio Lower Upper
105 100
120 26.1 13.1 39.3

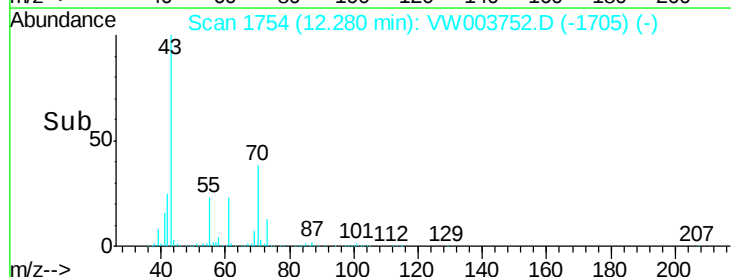
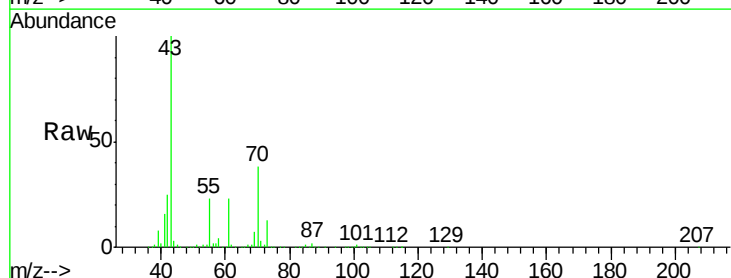
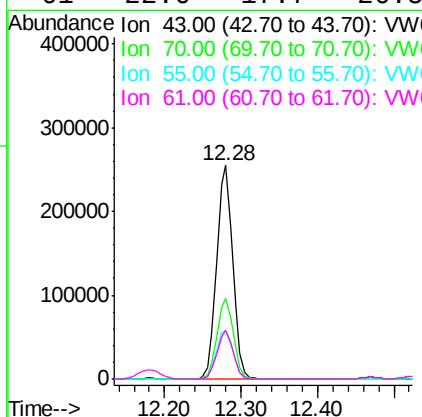
Manual Integrations
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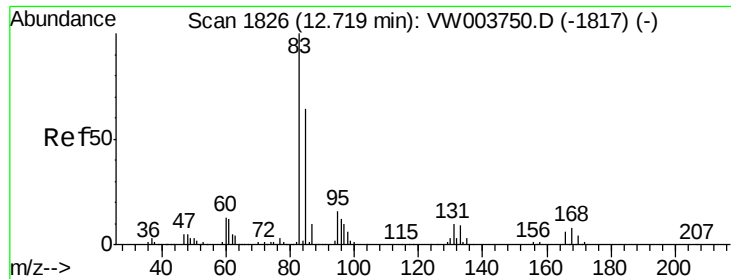
apatel
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#74
N-ethyl acetate
Concen: 111.66 ug/l
RT: 12.28 min Scan# 1754
Delta R.T. -0.00 min
Lab File: VW003752.D
Acq: 07 Jul 2018 00:58

Tgt Ion: 43 Resp: 369096
Ion Ratio Lower Upper
43 100
70 38.3 31.3 46.9
55 24.0 20.1 30.1
61 22.6 17.7 26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 100.77 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VW003752.D

Acq: 07 Jul 2018 00:58

Instrument :

MSVOA_W

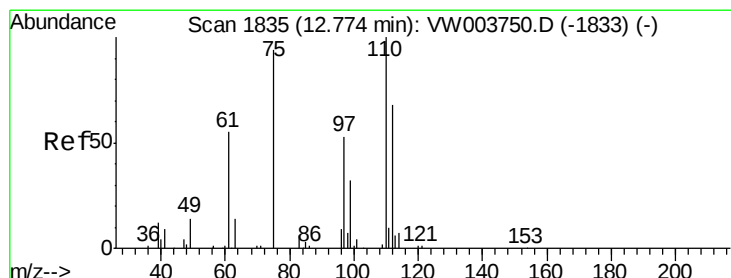
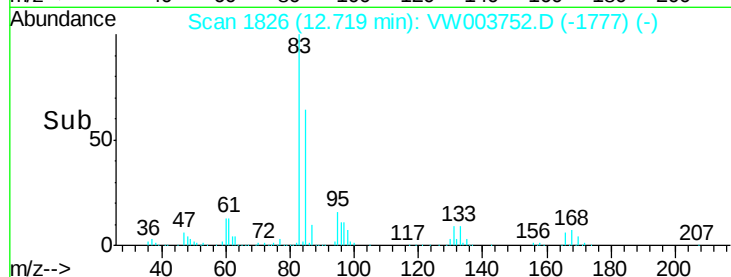
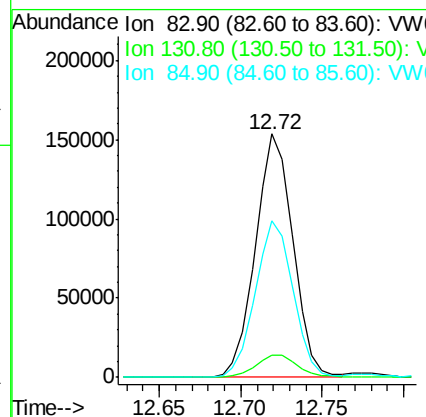
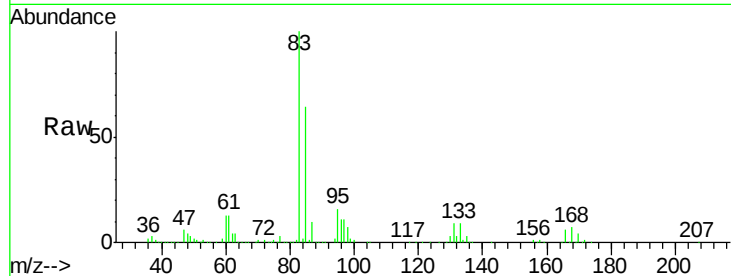
ClientSampled :

VSTDIC100

Tot Ion:	83	Resp:	246946
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.1	15.4
85	64.6	32.1	96.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 100.09 ug/l m

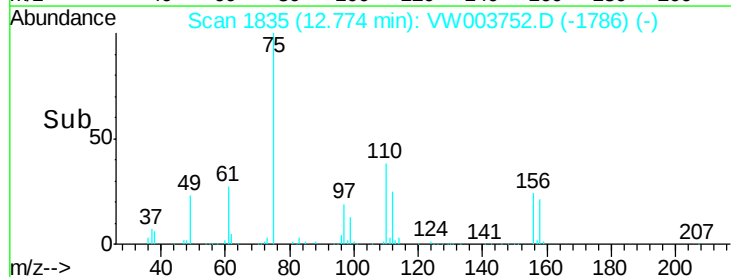
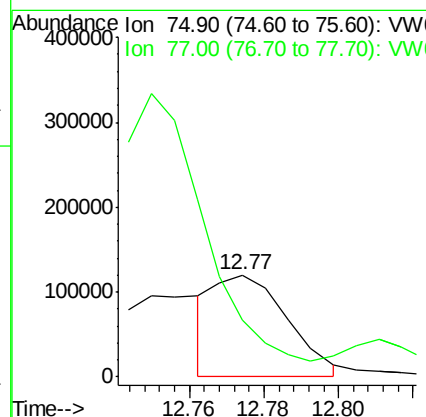
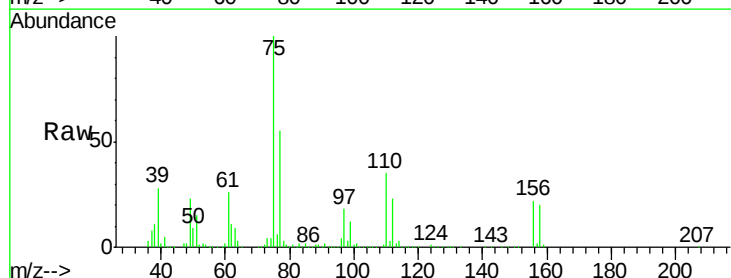
RT: 12.77 min Scan# 1835

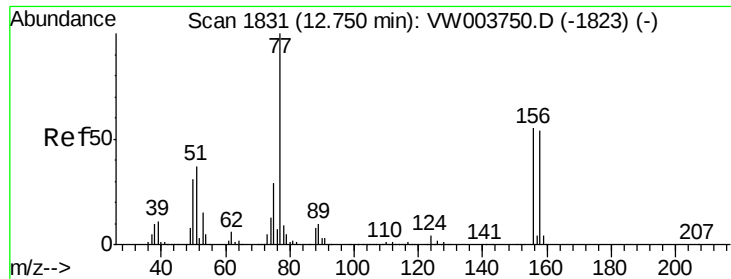
Delta R.T. -0.00 min

Lab File: VW003752.D

Acq: 07 Jul 2018 00:58

Tgt Ion:	75	Resp:	164536
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 105.27 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VW003752.D

Acq: 07 Jul 2018 00:58

Instrument :

MSVOA_W

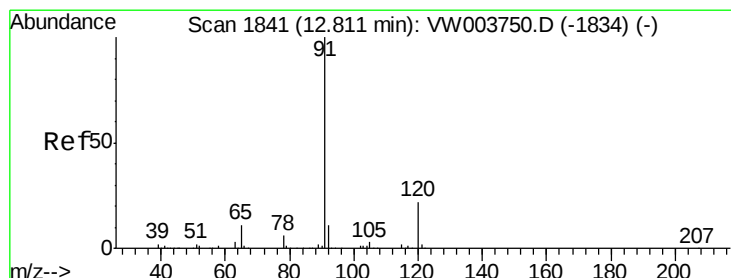
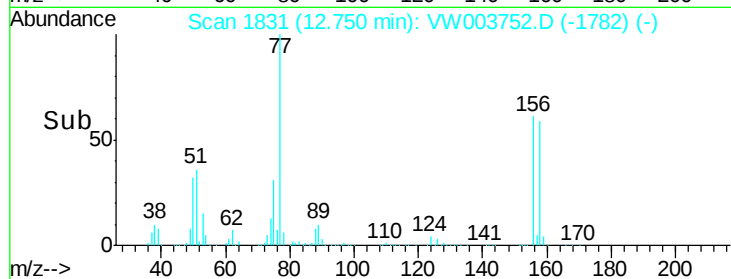
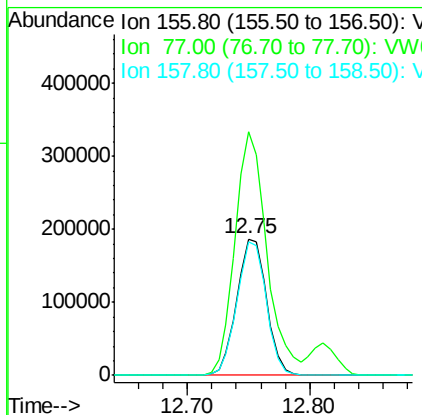
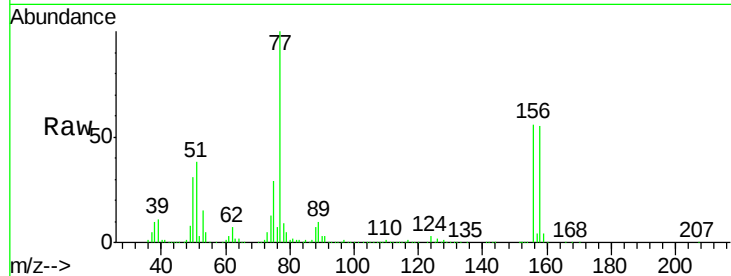
ClientSampled :

VSTDIC100

Tot Ion	Ratio	Lower	Upper
156	100		
77	192.4	98.7	296.0
158	96.7	49.0	147.0

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#78

n-propylbenzene

Concen: 106.63 ug/l

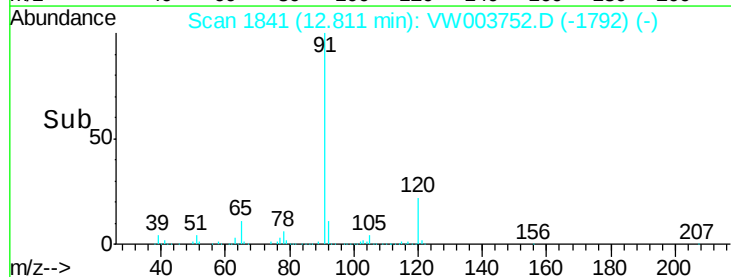
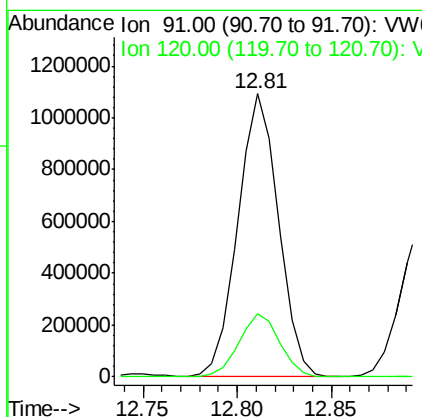
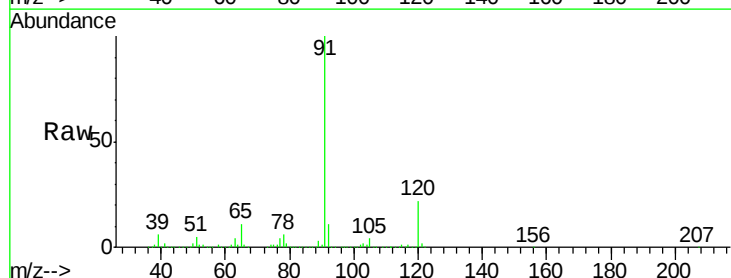
RT: 12.81 min Scan# 1841

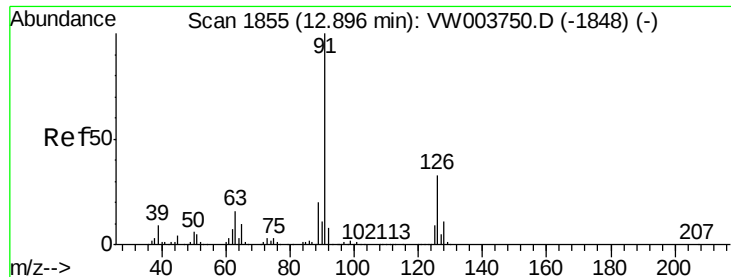
Delta R.T. -0.00 min

Lab File: VW003752.D

Acq: 07 Jul 2018 00:58

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.3	11.2	33.6





#79

2-Chlorotoluene

Concen: 106.27 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW003752.D

Acq: 07 Jul 2018 00:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tot Ion: 91 Resp: 925215

Ion Ratio Lower Upper

91 100

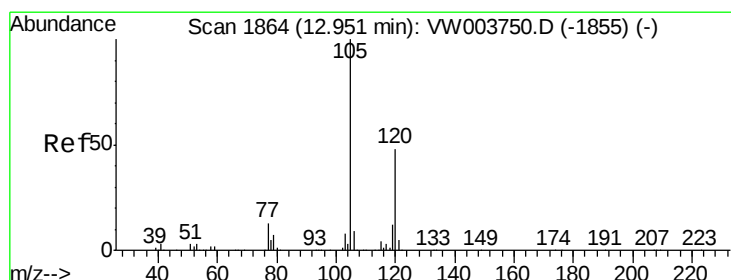
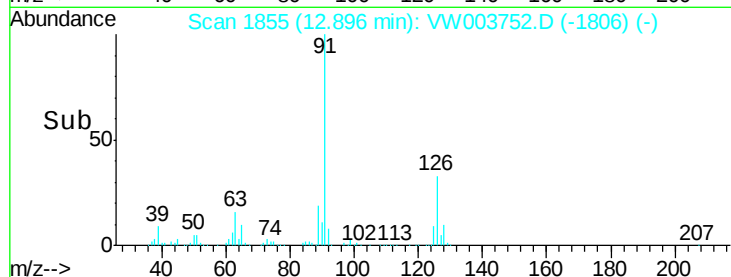
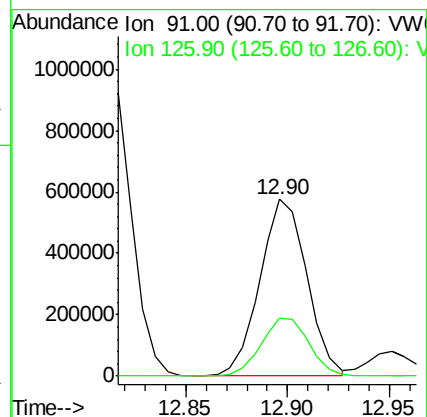
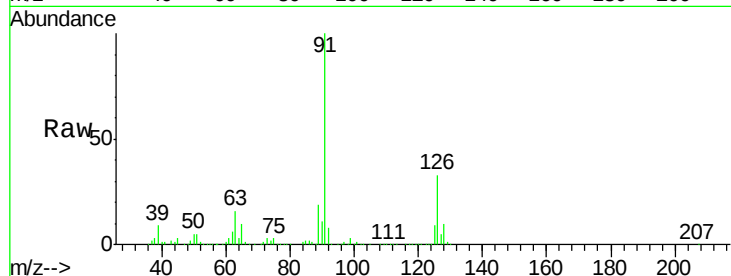
126 33.5 17.0 51.0

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#80

1,3,5-Trimethylbenzene

Concen: 106.98 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VW003752.D

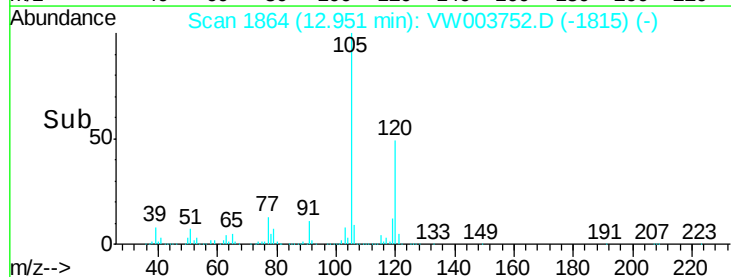
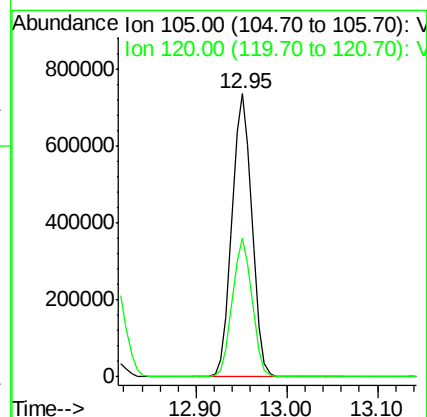
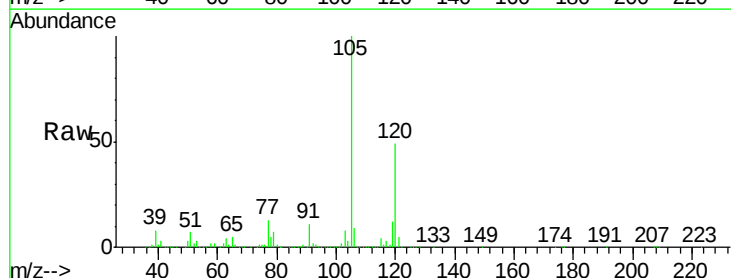
Acq: 07 Jul 2018 00:58

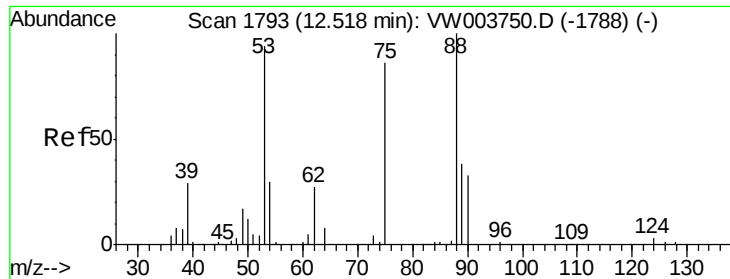
Tgt Ion:105 Resp: 1123306

Ion Ratio Lower Upper

105 100

120 48.4 24.2 72.6





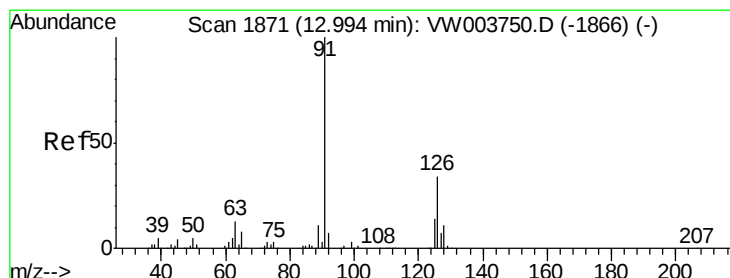
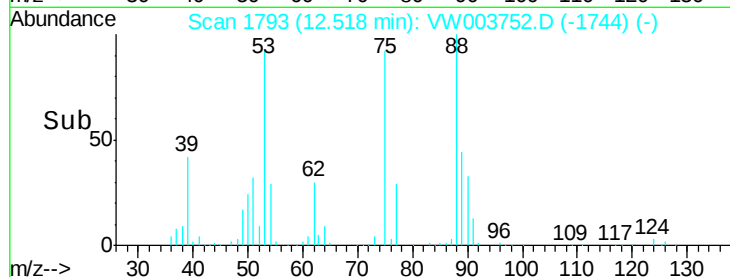
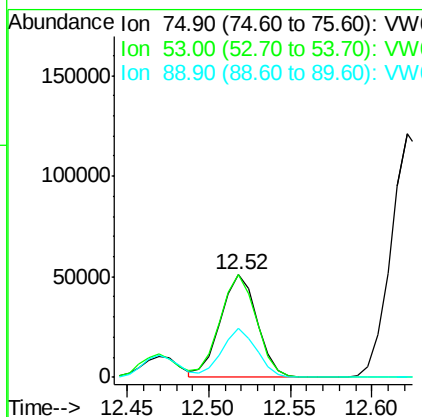
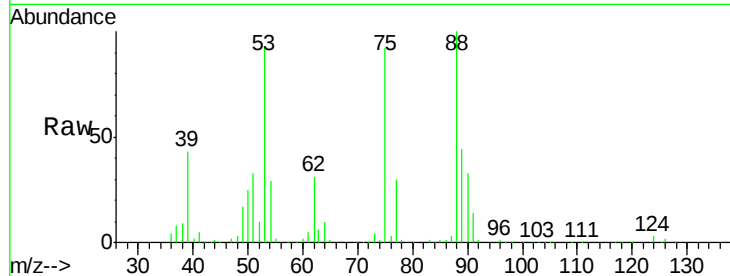
#81
trans-1,4-Dichloro-2-butene
Concen: 102.49 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VW003752.D
Acq: 07 Jul 2018 00:58

Instrument :
MSVOA_W
ClientSampled :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
75	100		
53	100.6	85.0	127.6
89	45.1	36.3	54.5

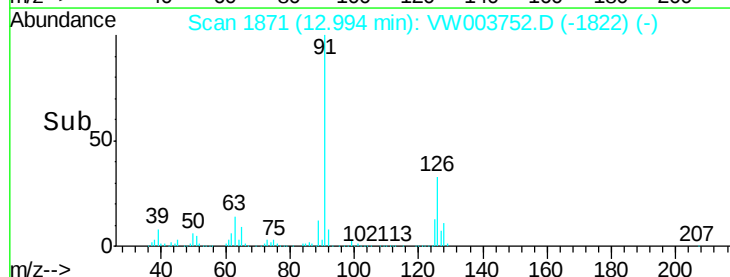
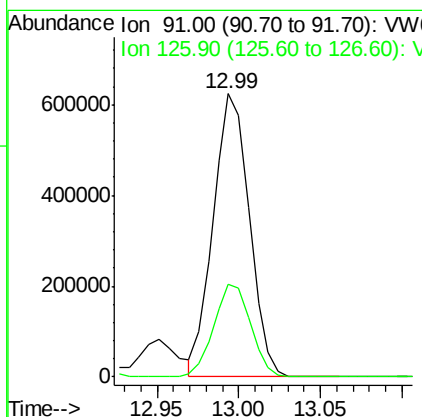
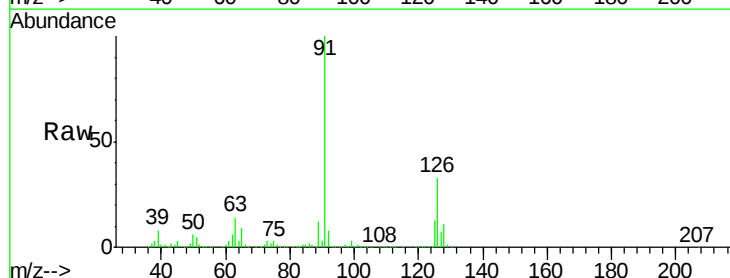
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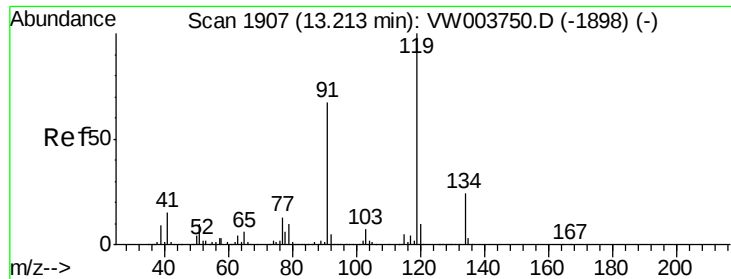
apatel
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#82
4-Chlorotoluene
Concen: 104.09 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. -0.00 min
Lab File: VW003752.D
Acq: 07 Jul 2018 00:58

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.6	16.5	49.5





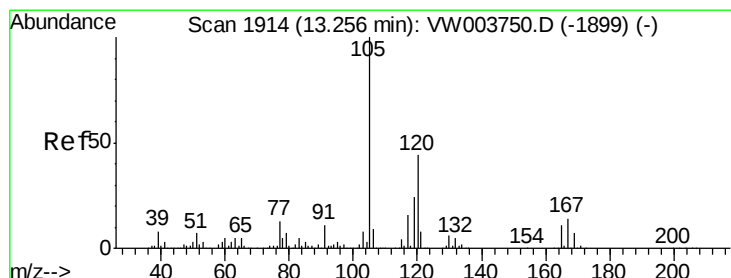
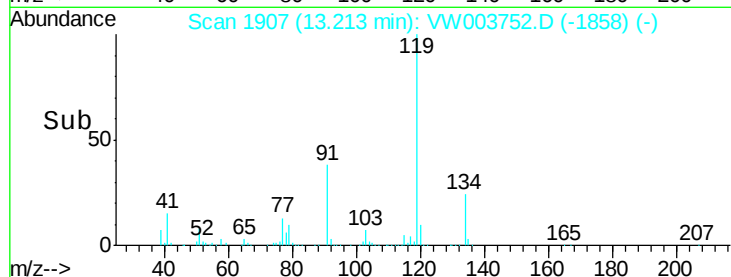
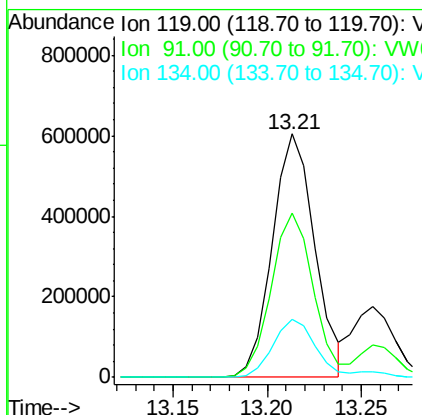
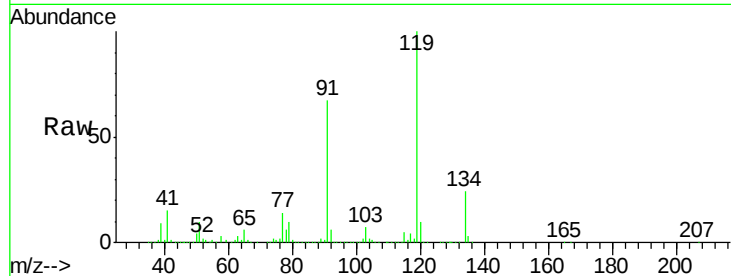
#83
tert-Butylbenzene
Concen: 106.77 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. -0.00 min
Lab File: VW003752.D
Acq: 07 Jul 2018 00:58

Instrument :
MSVOA_W
ClientSampled :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
119	100		
91	67.7	33.0	98.9
134	25.6	12.8	38.4

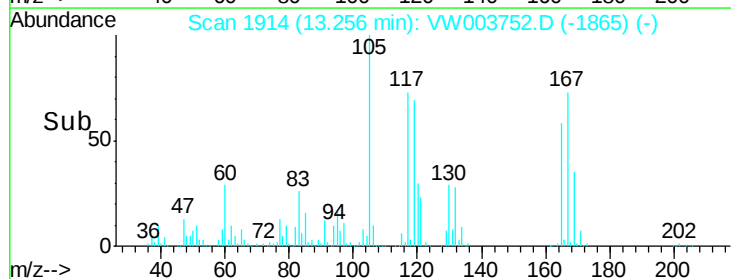
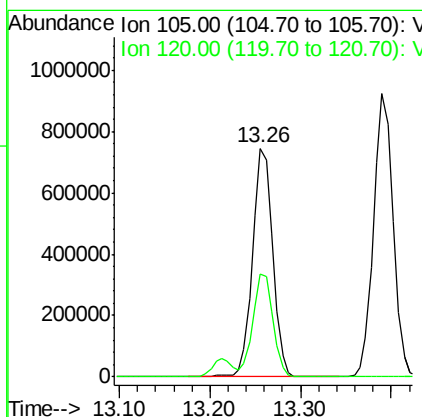
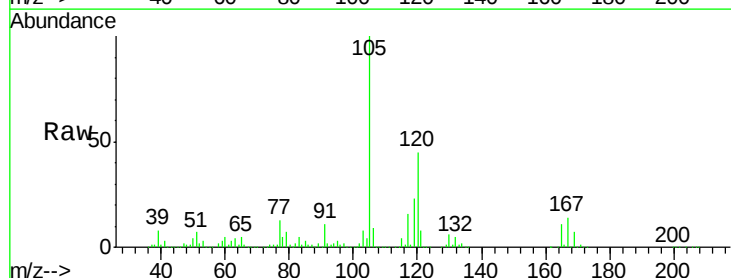
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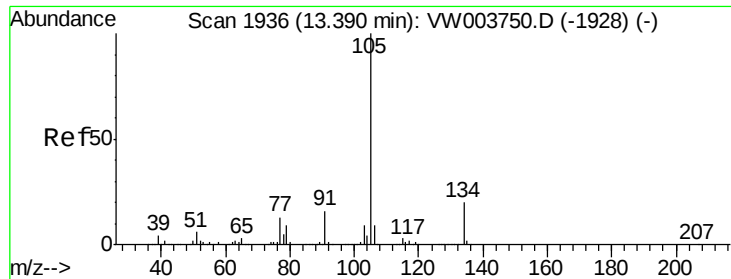
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#84
1,2,4-Trimethylbenzene
Concen: 106.48 ug/l
RT: 13.26 min Scan# 1914
Delta R.T. -0.00 min
Lab File: VW003752.D
Acq: 07 Jul 2018 00:58

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.8	22.0	66.0





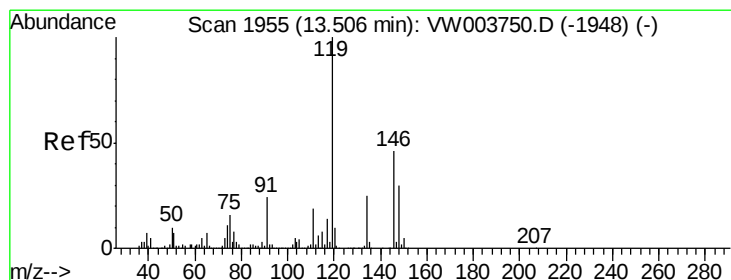
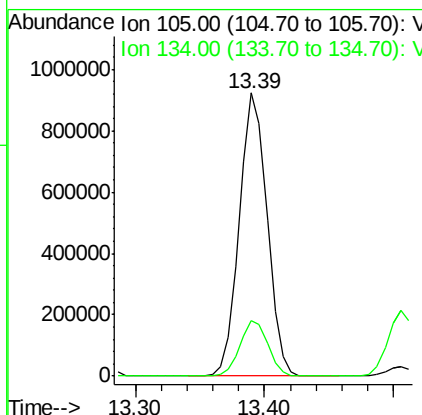
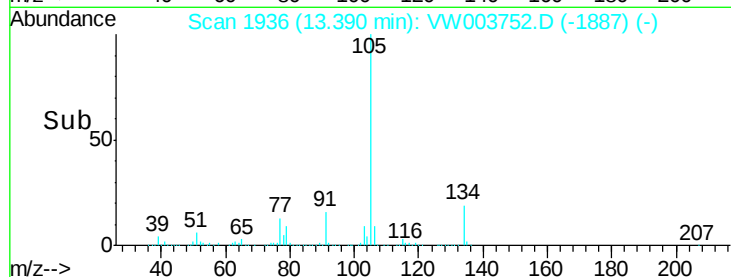
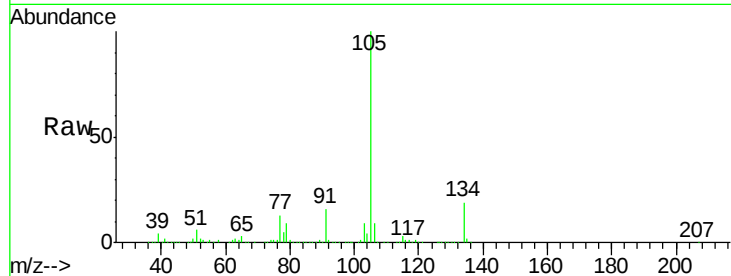
#85
 sec-Butylbenzene
 Concen: 104.99 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VW003752.D
 Acq: 07 Jul 2018 00:58

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC100

Tot Ion:105 Resp: 1378540
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.4

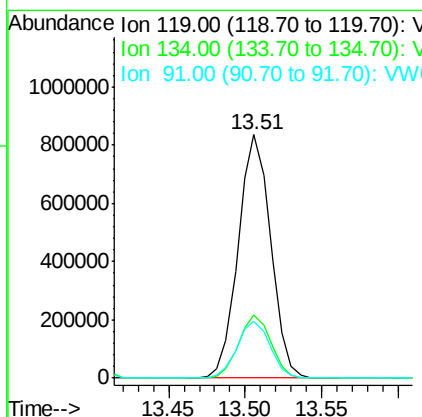
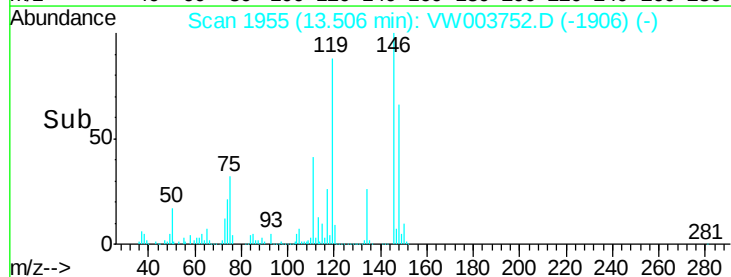
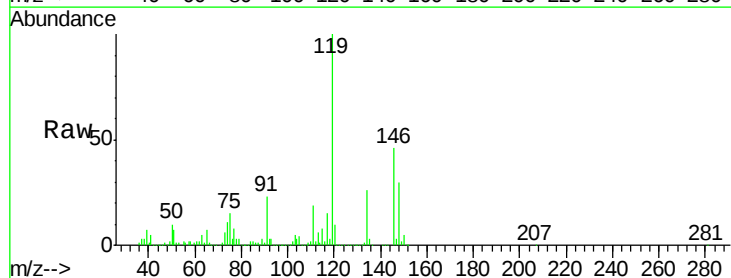
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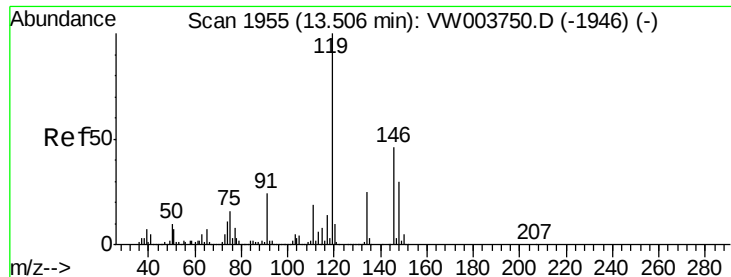
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#86
 p-Isopropyltoluene
 Concen: 106.69 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW003752.D
 Acq: 07 Jul 2018 00:58

Tgt Ion:119 Resp: 1227060
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.1 39.1
 91 23.7 11.9 35.9





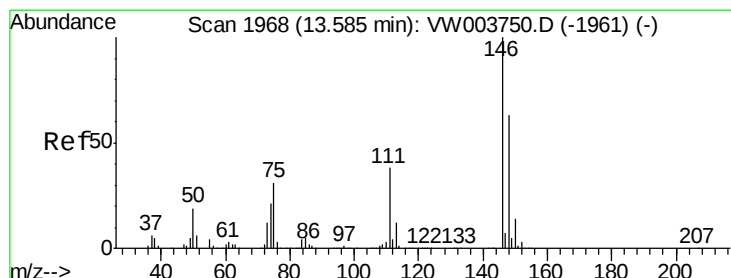
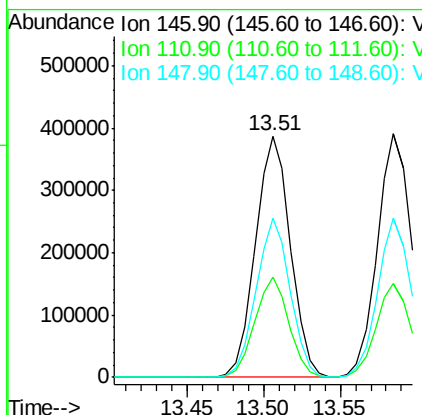
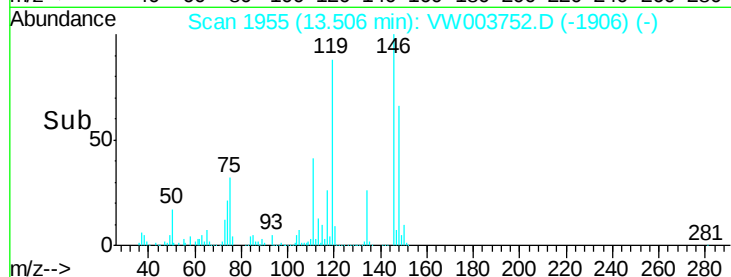
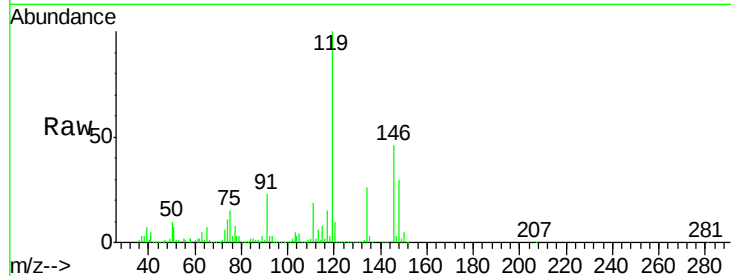
#87
 1,3-Dichlorobenzene
 Concen: 101.60 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW003752.D
 Acq: 07 Jul 2018 00:58

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.2	60.5
148	64.4	31.9	95.7

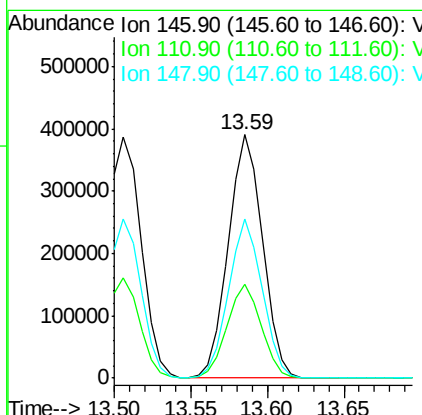
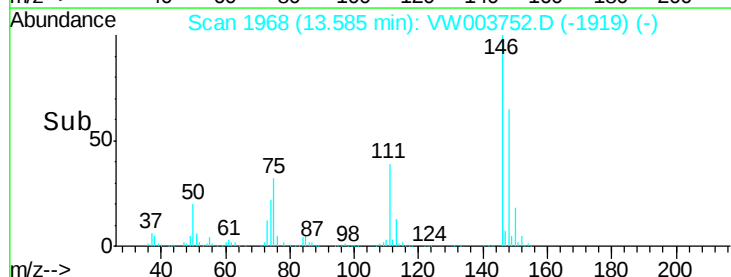
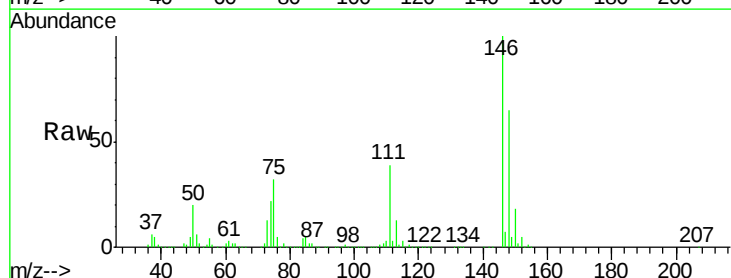
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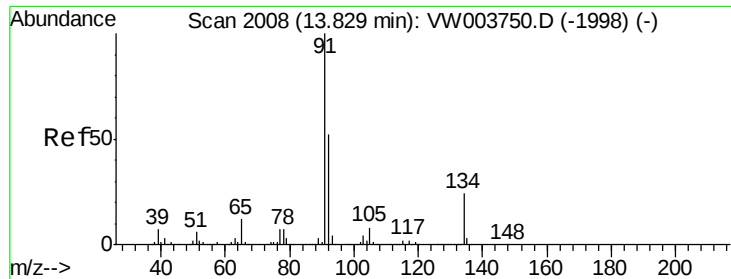
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#88
 1,4-Dichlorobenzene
 Concen: 100.28 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VW003752.D
 Acq: 07 Jul 2018 00:58

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.4	58.4
148	64.2	31.9	95.7





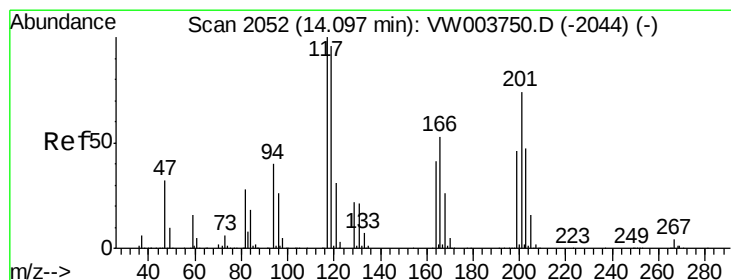
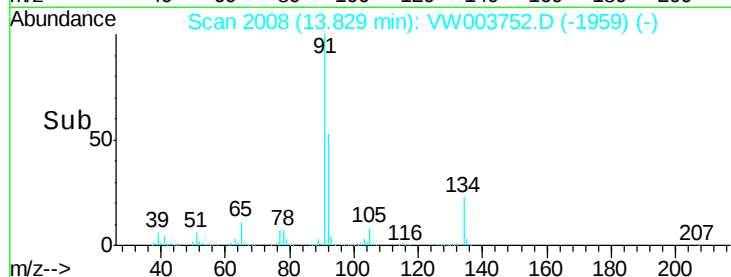
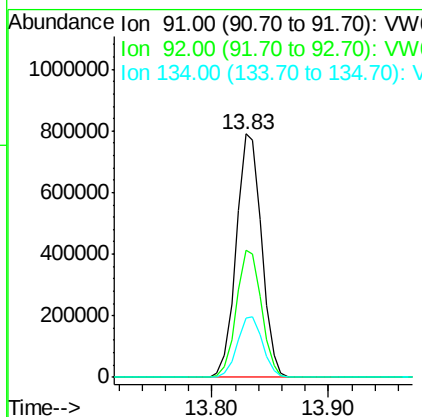
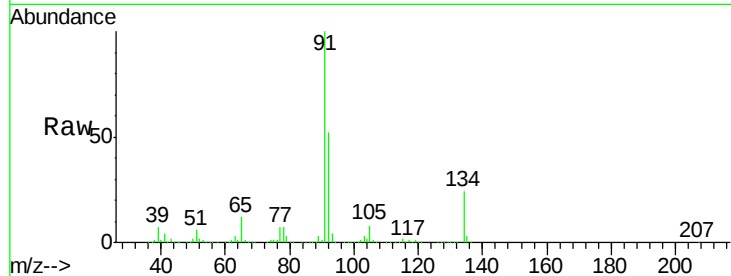
#89
n-Butylbenzene
Concen: 105.12 ug/l
RT: 13.83 min Scan# 2008
Delta R.T. -0.00 min
Lab File: VW003752.D
Acq: 07 Jul 2018 00:58

Instrument :
MSVOA_W
ClientSampled :
VSTDIC100

Tot Ion: 91 Resp: 1192707
Ion Ratio Lower Upper
91 100
92 52.0 26.1 78.3
134 24.9 12.4 37.4

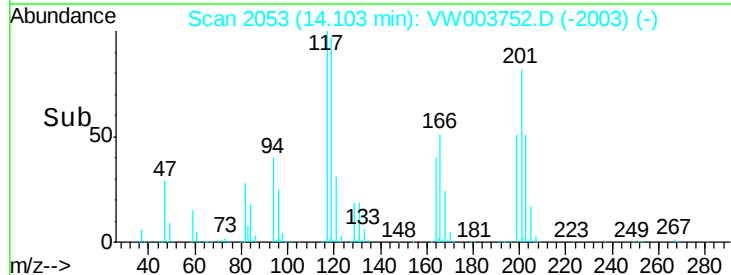
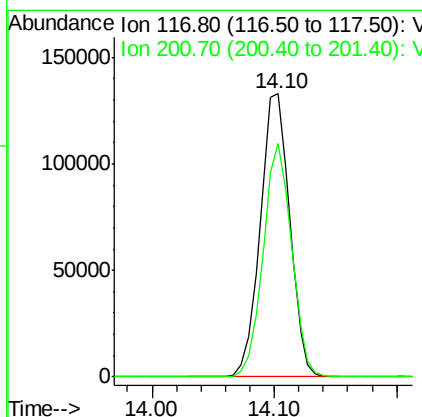
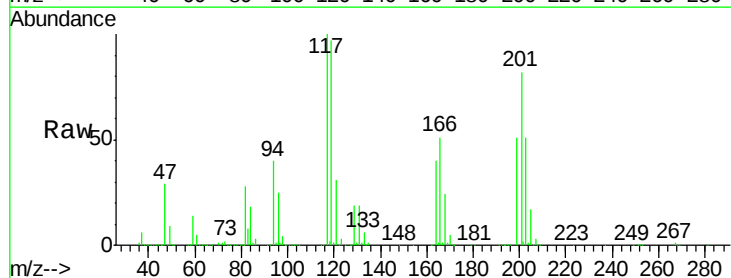
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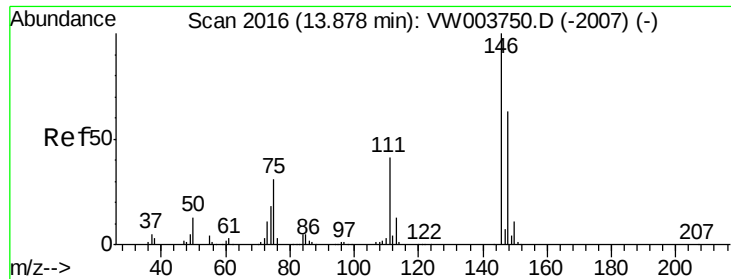
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#90
Hexachloroethane
Concen: 104.83 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.01 min
Lab File: VW003752.D
Acq: 07 Jul 2018 00:58

Tgt Ion: 117 Resp: 224294
Ion Ratio Lower Upper
117 100
201 78.9 39.2 117.6





#91

1,2-Dichlorobenzene

Concen: 102.07 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. -0.00 min

Lab File: VW003752.D

Acq: 07 Jul 2018 00:58

Instrument :

MSVOA_W

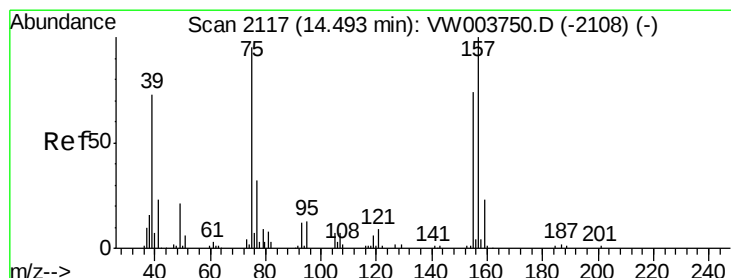
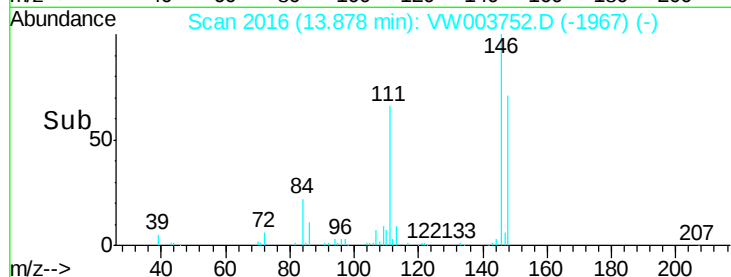
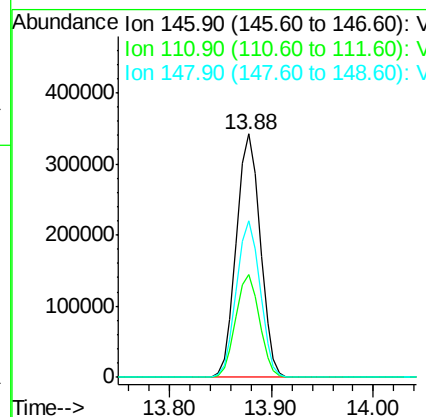
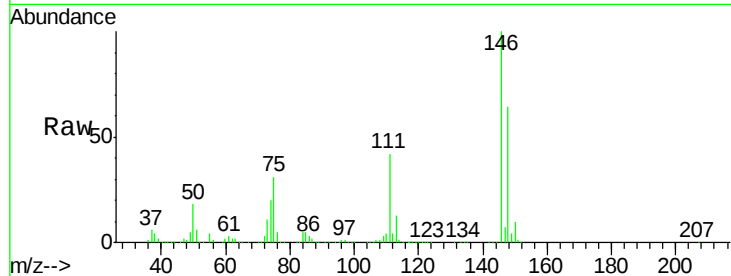
ClientSampled :

VSTDIC100

Tot Ion:	146	Resp:	553227
Ion Ratio		Lower	Upper
146	100		
111	41.9	20.7	62.1
148	63.8	31.9	95.9

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#92

1,2-Dibromo-3-Chloropropane

Concen: 101.19 ug/l

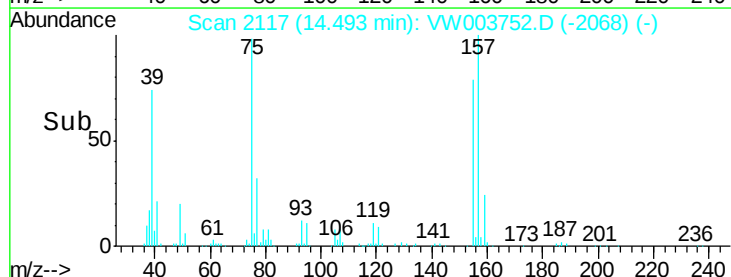
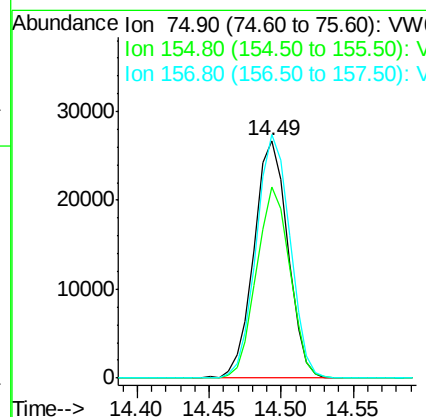
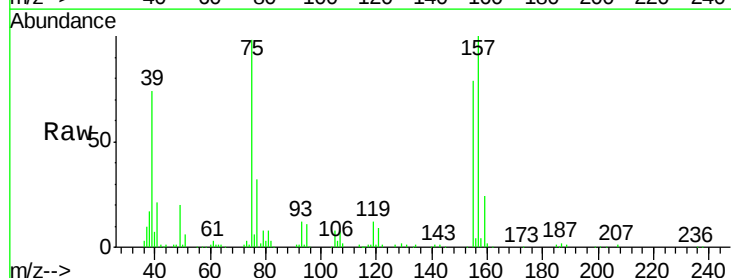
RT: 14.49 min Scan# 2117

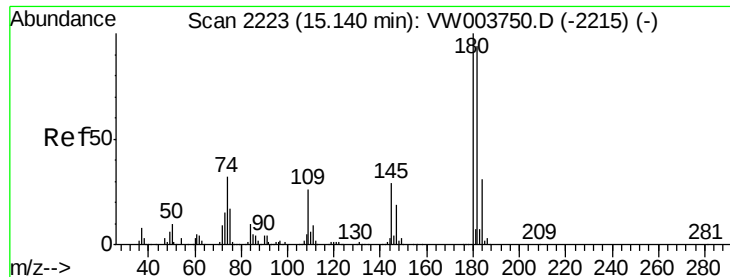
Delta R.T. -0.00 min

Lab File: VW003752.D

Acq: 07 Jul 2018 00:58

Tgt Ion:	75	Resp:	43334
Ion Ratio		Lower	Upper
75	100		
155	79.8	39.2	117.6
157	102.2	50.7	152.1





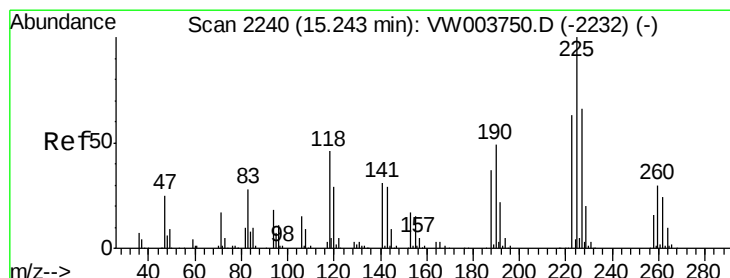
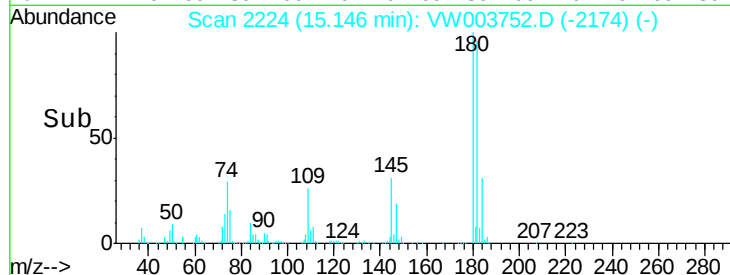
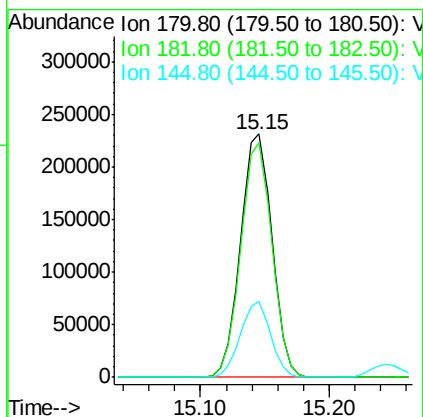
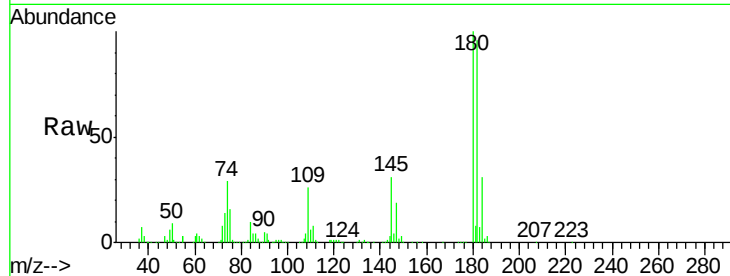
#93
 1,2,4-Trichlorobenzene
 Concen: 102.56 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.01 min
 Lab File: VW003752.D
 Acq: 07 Jul 2018 00:58

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
180	100	390773		
182	95.3	47.4	142.2	
145	30.1	15.0	45.0	

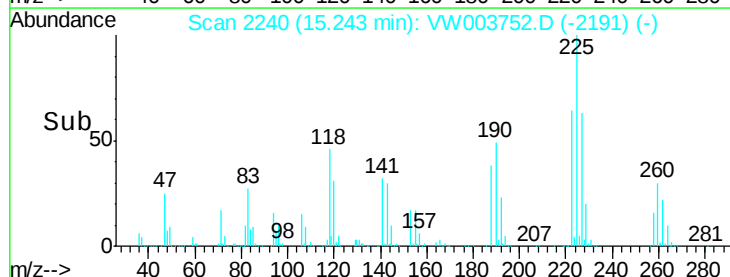
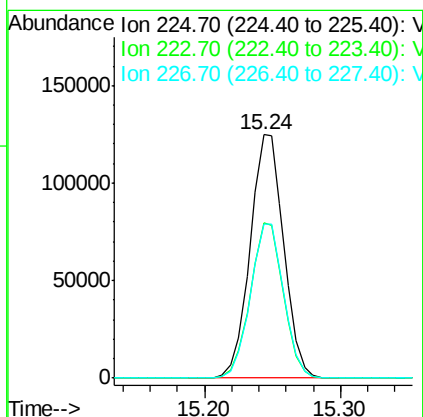
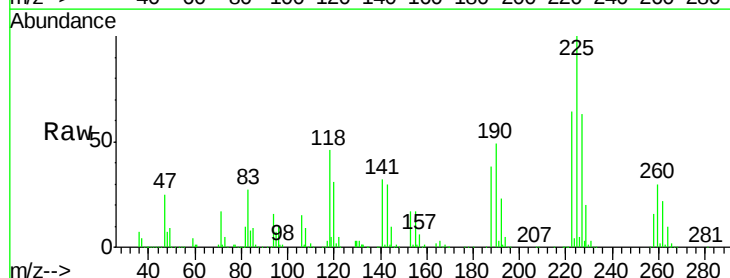
Manual Integrations
 APPROVED

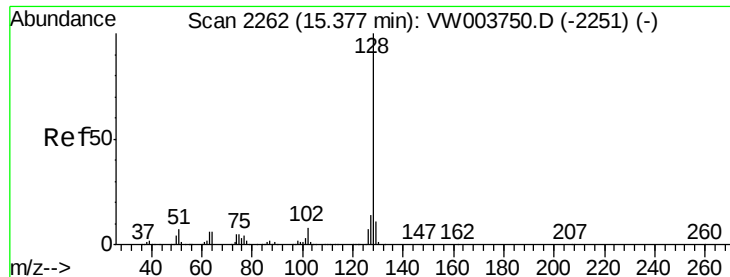
apatel
 7/9/2018 10:26:12 AM



#94
 Hexachlorobutadiene
 Concen: 98.65 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. -0.00 min
 Lab File: VW003752.D
 Acq: 07 Jul 2018 00:58

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	215637		
223	62.7	32.6	97.7	
227	63.0	32.5	97.5	





#95

Naphthalene

Concen: 109.25 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. -0.00 min

Lab File: VW003752.D

Acq: 07 Jul 2018 00:58

Instrument :

MSVOA_W

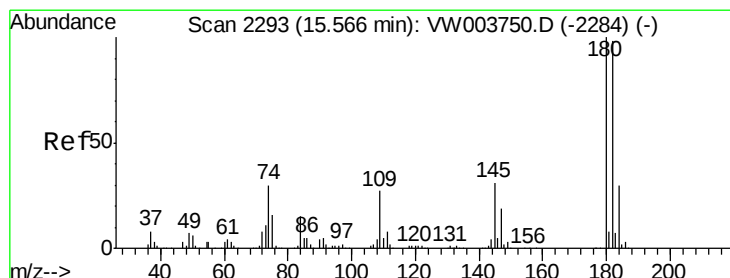
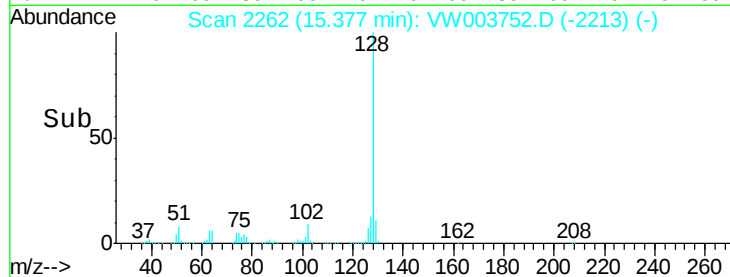
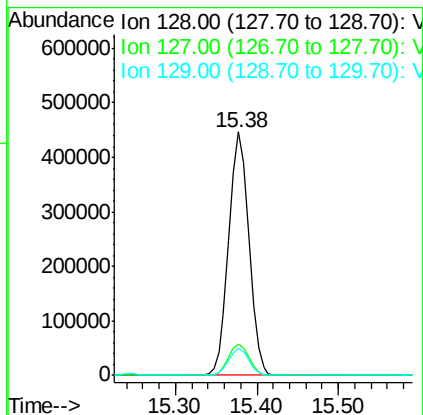
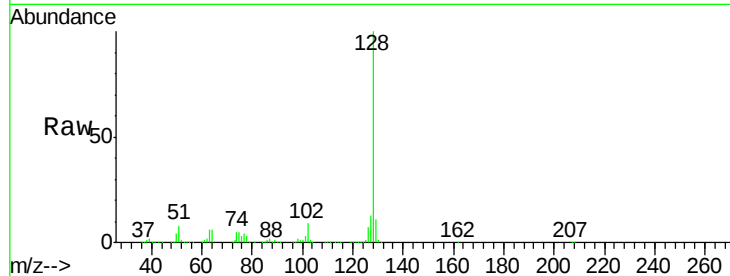
ClientSampleId :

VSTDIC100

Tot Ion:	128	Resp:	760606
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.8	16.2
129	10.8	8.6	13.0

Manual Integrations
APPROVED

apatel
7/9/2018 10:26:12 AM



#96

1,2,3-Trichlorobenzene

Concen: 102.12 ug/l

RT: 15.57 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VW003752.D

Acq: 07 Jul 2018 00:58

Tgt Ion:	180	Resp:	347974
Ion Ratio	Lower	Upper	
180	100		
182	94.9	47.4	142.3
145	31.8	15.8	47.4

