

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062718\
 Data File : VW003578.D
 Acq On : 26 Jun 2018 18:56
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 6/27/2018 11:46:48 AM

Quant Time: Jun 27 07:54:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 05:18:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	210298	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	318073	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	300897	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	164286	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	121931	53.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.06%	
35) Dibromofluoromethane	7.88	113	109967	55.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.28%	
50) Toluene-d8	10.33	98	435927	55.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.24%	
62) 4-Bromofluorobenzene	12.63	95	156010	56.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	38125	59.97	ug/l	89
3) Chloromethane	2.21	50	72666	45.24	ug/l	95
4) Vinyl Chloride	2.36	62	105924	45.23	ug/l	100
5) Bromomethane	2.78	94	69050	44.36	ug/l	99
6) Chloroethane	2.92	64	70253	43.10	ug/l	95
7) Trichlorofluoromethane	3.25	101	67442	48.07	ug/l	100
8) Diethyl Ether	3.68	74	48414	46.98	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	95862	49.21	ug/l	100
10) Methyl Iodide	4.26	142	139841	47.47	ug/l	99
11) Tert butyl alcohol	5.23	59	26100	213.65	ug/l	97
12) 1,1-Dichloroethene	4.03	96	90113	47.34	ug/l	98
13) Acrolein	3.89	56	38656	221.32	ug/l	95
14) Allyl chloride	4.66	41	157472	47.75	ug/l	99
15) Acrylonitrile	5.38	53	102517	241.78	ug/l	99
16) Acetone	4.14	43	101355	212.16	ug/l	100
17) Carbon Disulfide	4.37	76	262993	46.73	ug/l	99
18) Methyl Acetate	4.67	43	57353	50.61	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	173983	48.80	ug/l	100
20) Methylene Chloride	4.91	84	107380	53.14	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	98330	47.46	ug/l	98
22) Diisopropyl ether	6.31	45	334761	50.44	ug/l	98
23) Vinyl Acetate	6.26	43	932323	243.78	ug/l	100
24) 1,1-Dichloroethane	6.21	63	195310	49.57	ug/l	97
25) 2-Butanone	7.18	43	139453	234.75	ug/l	98
26) 2,2-Dichloropropane	7.17	77	118762	45.17	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	111666	49.06	ug/l	99
28) Bromochloromethane	7.51	49	94317	57.53	ug/l	97
29) Tetrahydrofuran	7.54	42	87814	241.87	ug/l	98
30) Chloroform	7.68	83	201857	50.29	ug/l	100
31) Cyclohexane	7.95	56	167424	45.49	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	163199	49.26	ug/l	100
36) 1,1-Dichloropropene	8.09	75	155760	50.71	ug/l	99
37) Ethyl Acetate	7.26	43	63497	49.90	ug/l	98
38) Carbon Tetrachloride	8.07	117	154811	51.38	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	178802	50.31	ug/l	98
40) Benzene	8.32	78	434728	51.34	ug/l	100
41) Methacrylonitrile	7.49	41	35469	45.42	ug/l	92
42) 1,2-Dichloroethane	8.40	62	137390	51.79	ug/l	98
43) Isopropyl Acetate	8.43	43	123001	48.68	ug/l	98
44) Trichloroethene	9.09	130	112330	50.07	ug/l	99
45) 1,2-Dichloropropane	9.37	63	112327	52.10	ug/l	98
46) Dibromomethane	9.46	93	55681	50.45	ug/l	98
47) Bromodichloromethane	9.65	83	146757	51.87	ug/l	99
48) Methyl methacrylate	9.44	41	60207	50.70	ug/l	96
49) 1,4-Dioxane	9.48	88	16036	962.24	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	326991	253.96	ug/l	100
52) Toluene	10.39	92	277499	51.11	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	145190	50.24	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	166385	50.58	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	79239	50.95	ug/l	97
56) Ethyl methacrylate	10.65	69	94929	50.26	ug/l	97
57) 1,3-Dichloropropane	10.94	76	137724	51.34	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	215853	254.95	ug/l	98
59) 2-Hexanone	10.98	43	229071	254.67	ug/l	100
60) Dibromochloromethane	11.13	129	96436	52.14	ug/l	99
61) 1,2-Dibromoethane	11.24	107	73725	50.11	ug/l	99
64) Tetrachloroethene	10.87	164	97625	48.51	ug/l	98
65) Chlorobenzene	11.66	112	304650	48.62	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	109283	49.63	ug/l	99
67) Ethyl Benzene	11.74	91	551139	49.62	ug/l	100
68) m/p-Xylenes	11.85	106	425840	100.86	ug/l	100
69) o-Xylene	12.17	106	198756	50.79	ug/l	99
70) Styrene	12.19	104	338172	51.92	ug/l	99
71) Bromoform	12.35	173	54682	47.92	ug/l #	99
73) Isopropylbenzene	12.47	105	558844	48.91	ug/l	100
74) N-amyl acetate	12.28	43	123960	47.66	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	94103	48.68	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	65327m	46.51	ug/l	
77) Bromobenzene	12.76	156	128686	48.36	ug/l	99
78) n-propylbenzene	12.81	91	699871	50.02	ug/l	99
79) 2-Chlorotoluene	12.90	91	391073	49.46	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	479741	50.02	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	28553	46.78	ug/l	97
82) 4-Chlorotoluene	12.99	91	410603	48.95	ug/l	99
83) tert-Butylbenzene	13.21	119	404012	49.43	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	496835	50.36	ug/l	99
85) sec-Butylbenzene	13.39	105	607290	49.98	ug/l	100
86) p-Isopropyltoluene	13.51	119	536699	50.08	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	266877	48.82	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	262456	48.29	ug/l	100
89) n-Butylbenzene	13.83	91	523010	50.07	ug/l	99
90) Hexachloroethane	14.10	117	95822	49.43	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	235209	49.12	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	15429	47.43	ug/l	98

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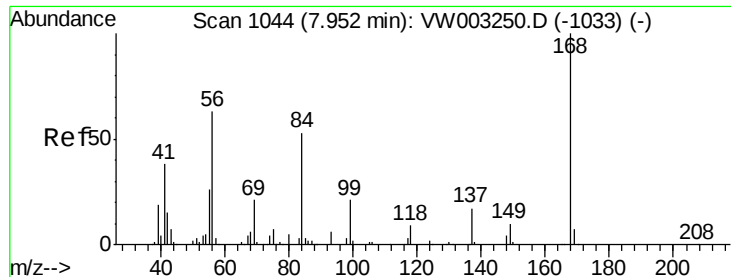
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	163874	48.75	ug/l	98
94) Hexachlorobutadiene	15.25	225	98301	48.61	ug/l	99
95) Naphthalene	15.38	128	279812	49.07	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	144308	48.77	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: VW003578.D

Acq: 26 Jun 2018 18:56

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion:168 Resp: 210298

Ion Ratio Lower Upper

168 100

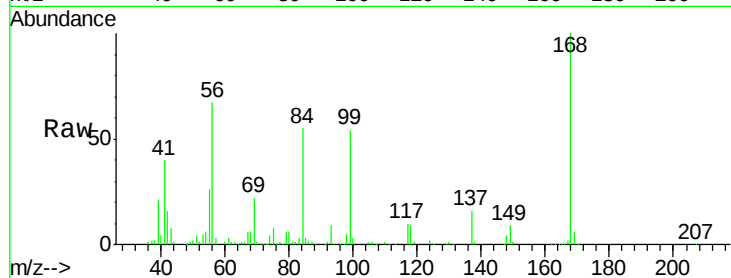
99 53.7 45.5 68.3

Manual Integrations

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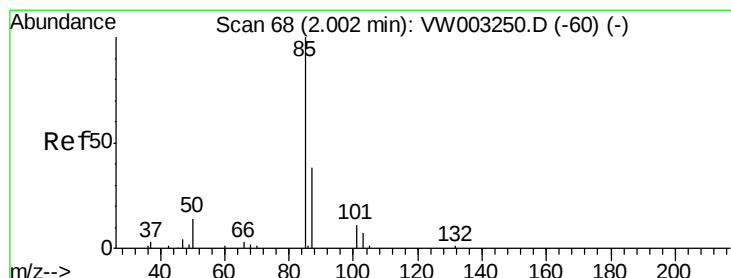
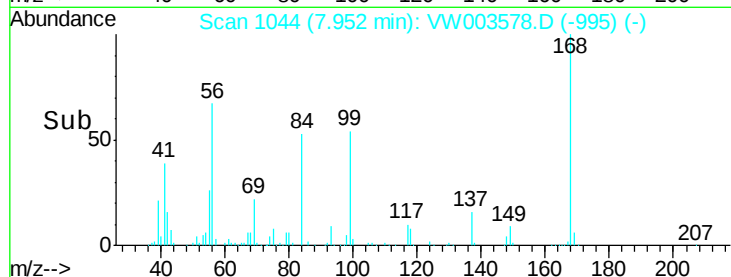
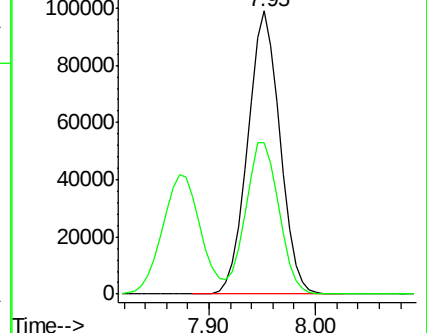
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 59.97 ug/l

RT: 2.01 min Scan# 69

Delta R.T. 0.01 min

Lab File: VW003578.D

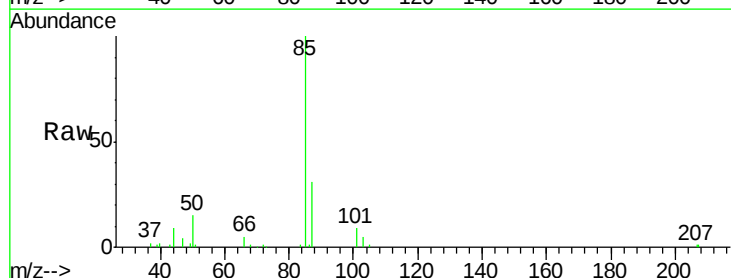
Acq: 26 Jun 2018 18:56

Tgt Ion: 85 Resp: 38125

Ion Ratio Lower Upper

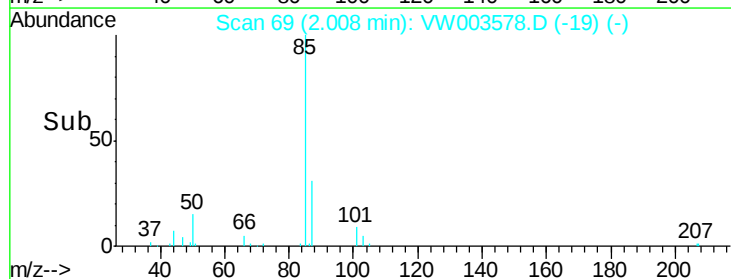
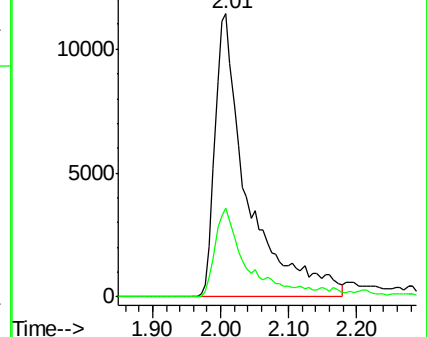
85 100

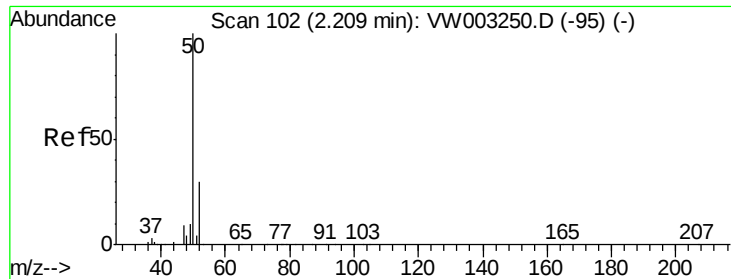
87 31.2 18.9 56.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 45.24 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW003578.D

Acq: 26 Jun 2018 18:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 72666

Ion Ratio Lower Upper

50 100

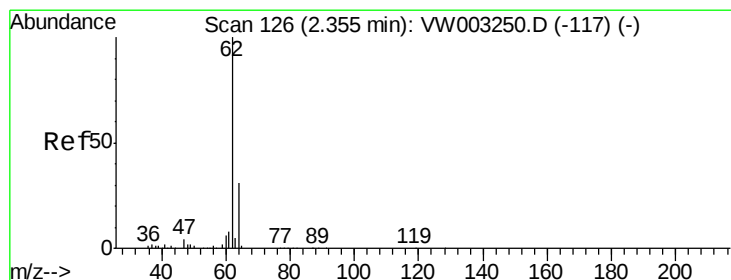
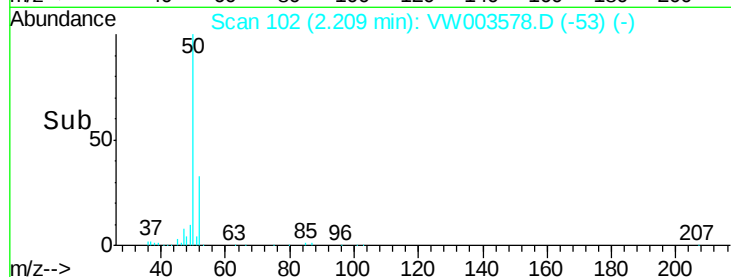
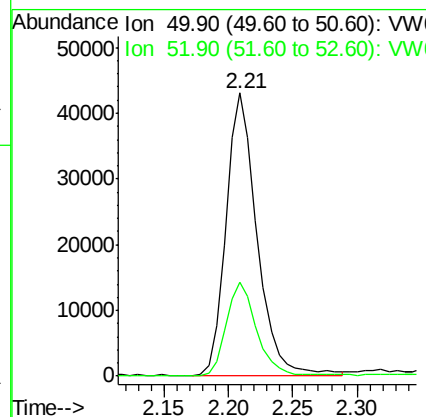
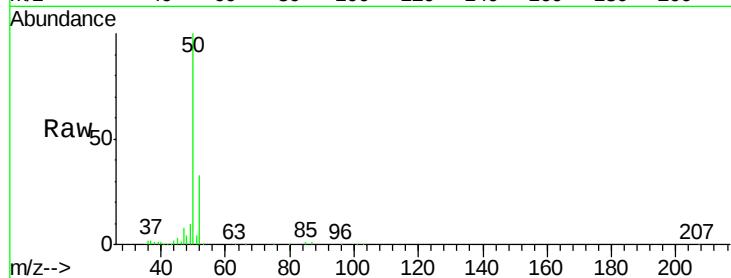
52 33.1 24.2 36.2

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#4

Vinyl Chloride

Concen: 45.23 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW003578.D

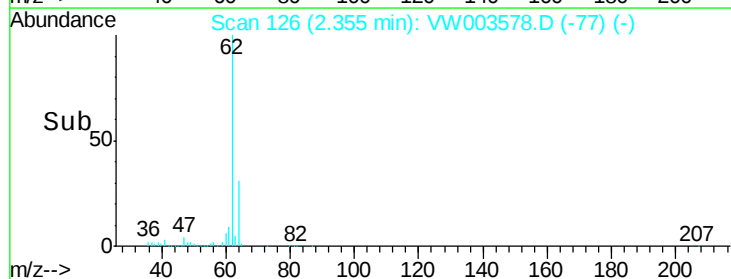
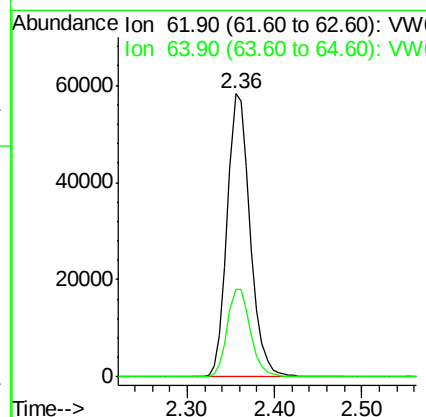
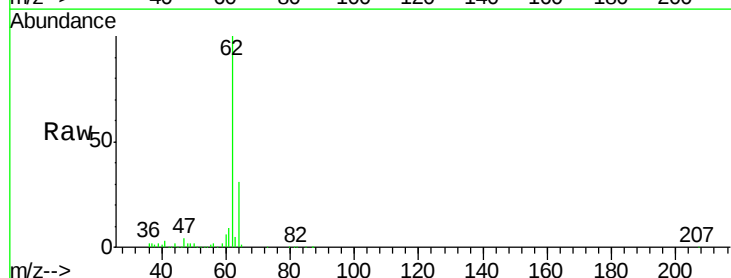
Acq: 26 Jun 2018 18:56

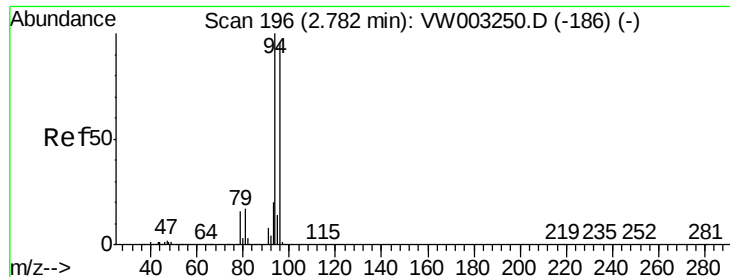
Tgt Ion: 62 Resp: 105924

Ion Ratio Lower Upper

62 100

64 30.9 24.9 37.3





#5

Bromomethane

Concen: 44.36 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.00 min

Lab File: VW003578.D

Acq: 26 Jun 2018 18:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 69050

Ion Ratio Lower Upper

94 100

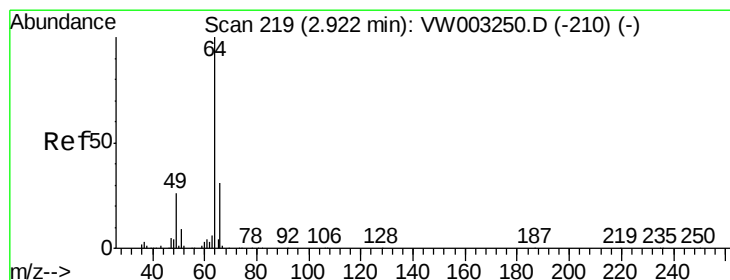
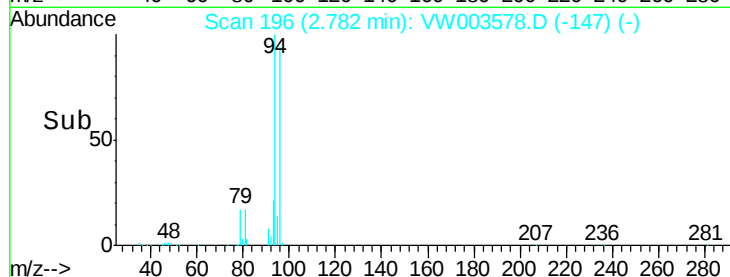
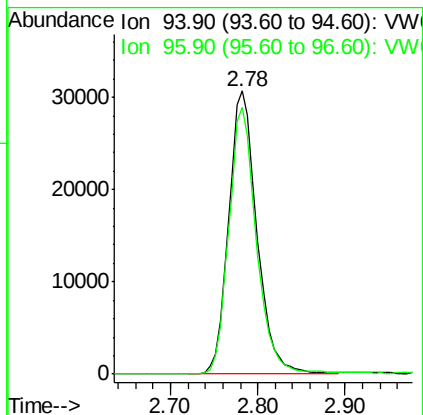
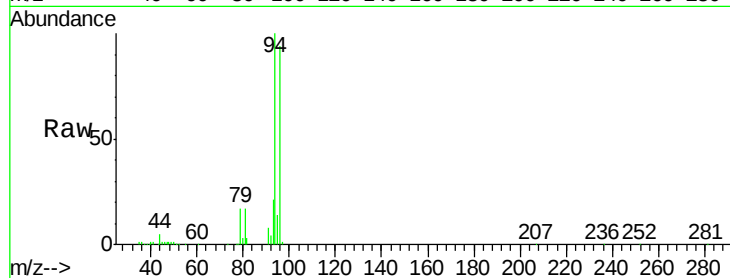
96 94.2 76.5 114.7

Manual Integrations

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#6

Chloroethane

Concen: 43.10 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.00 min

Lab File: VW003578.D

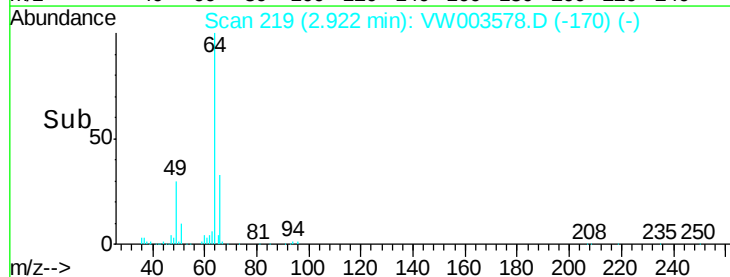
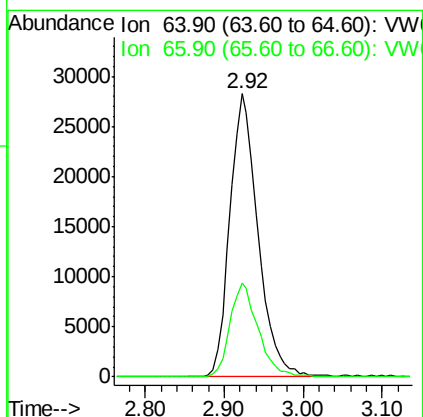
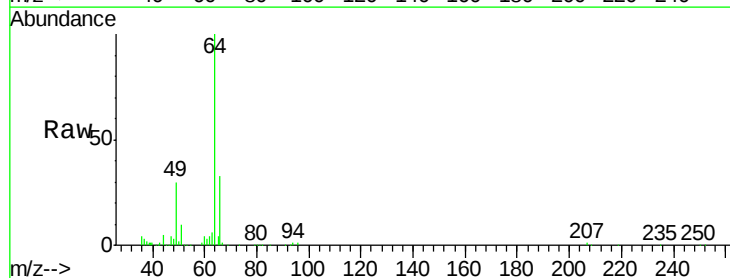
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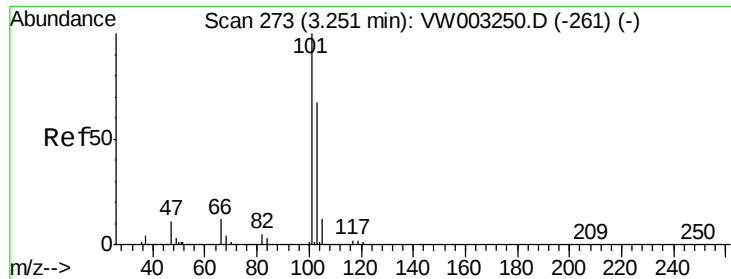
Tgt Ion: 64 Resp: 70253

Ion Ratio Lower Upper

64 100

66 33.2 24.4 36.6





#7

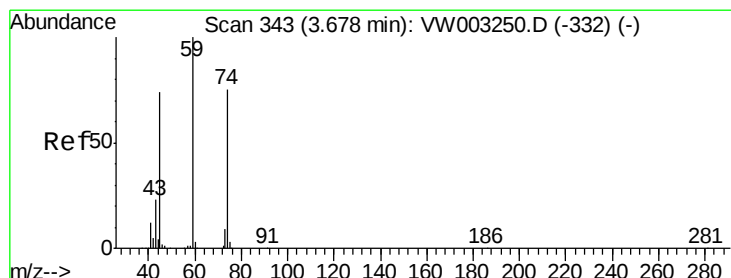
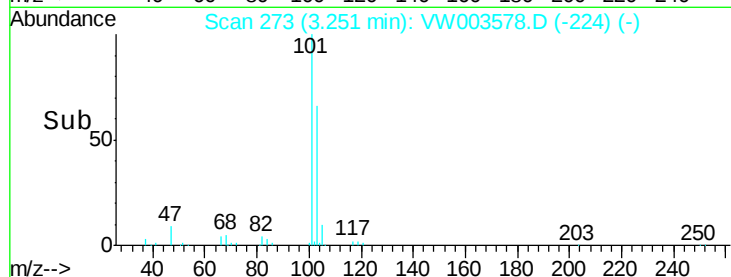
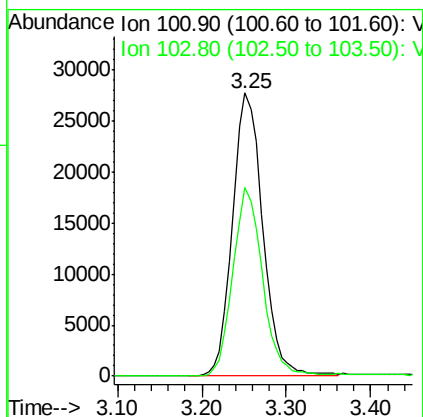
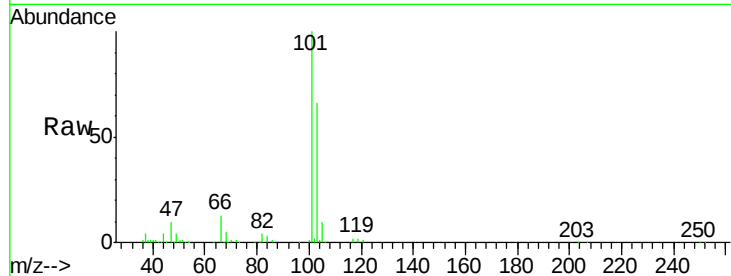
Trichlorofluoromethane
Concen: 48.07 ug/l
RT: 3.25 min Scan# 273
Delta R.T. 0.00 min
Lab File: VW003578.D
Acq: 26 Jun 2018 18:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.5	53.4	80.0

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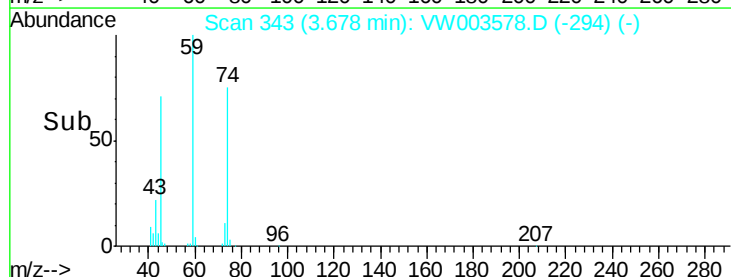
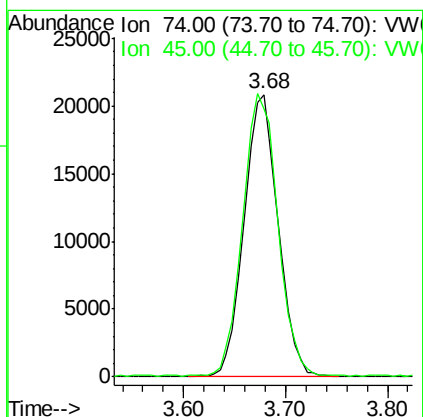
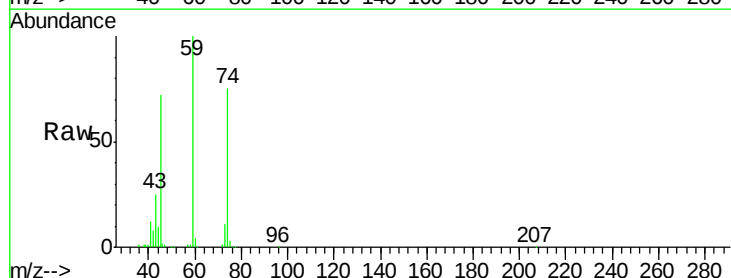
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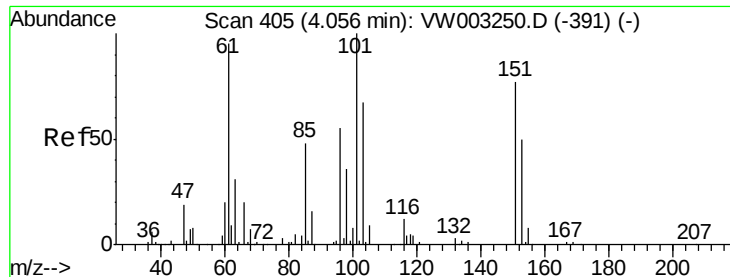


#8

Diethyl Ether
Concen: 46.98 ug/l
RT: 3.68 min Scan# 343
Delta R.T. 0.00 min
Lab File: VW003578.D
Acq: 26 Jun 2018 18:56

Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.6	51.4	154.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.21 ug/l

RT: 4.06 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW003578.D

Acq: 26 Jun 2018 18:56

Instrument :

MSVOA_W

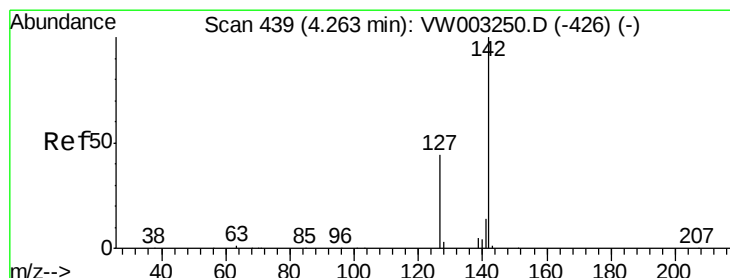
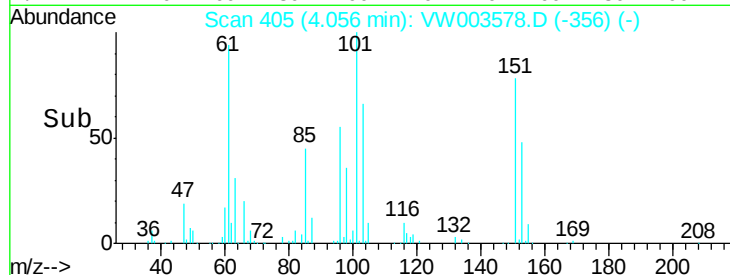
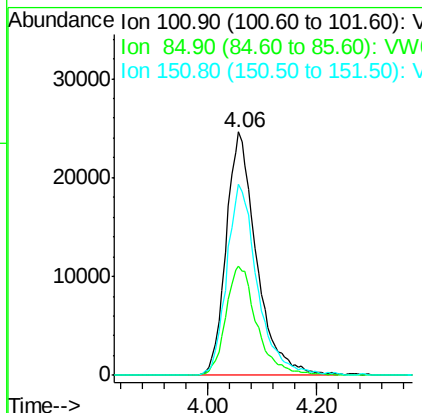
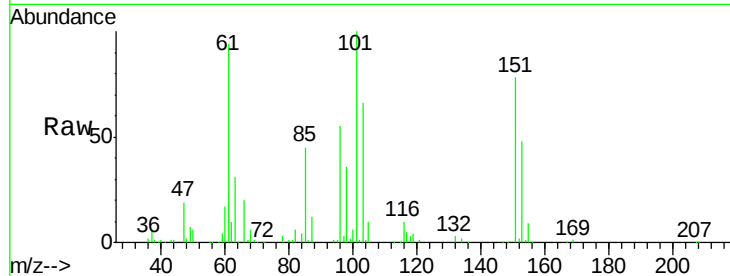
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	95862
Ion Ratio	Lower	Upper	
101	100		
85	45.9	37.0	55.6
151	79.1	63.3	94.9

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#10

Methyl Iodide

Concen: 47.47 ug/l

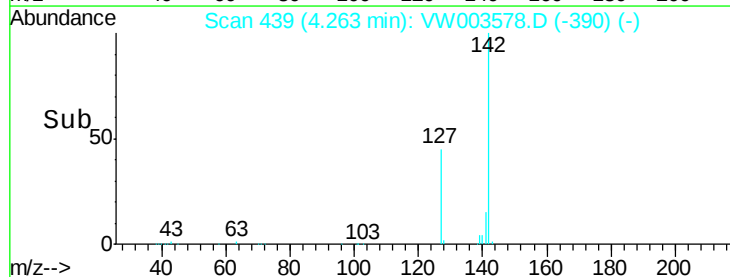
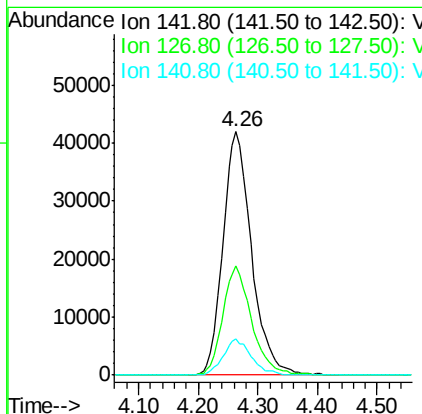
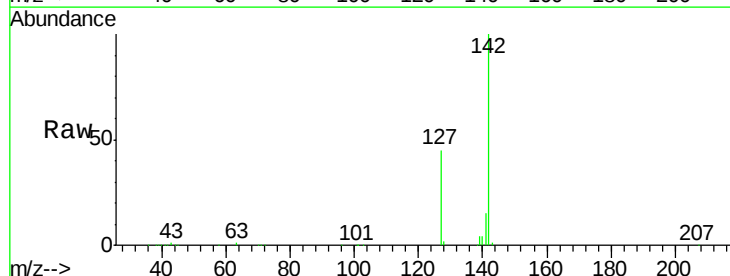
RT: 4.26 min Scan# 439

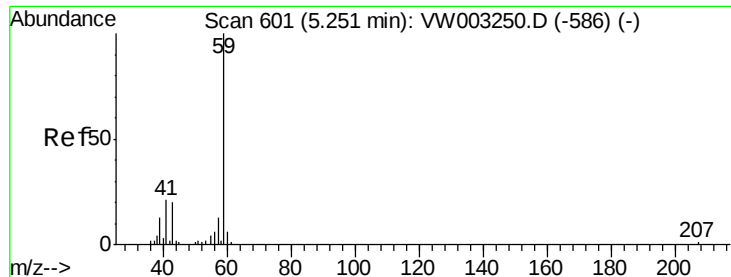
Delta R.T. 0.00 min

Lab File: VW003578.D

Acq: 26 Jun 2018 18:56

Tgt Ion:	142	Resp:	139841
Ion Ratio	Lower	Upper	
142	100		
127	45.1	36.5	54.7
141	14.8	12.1	18.1





#11

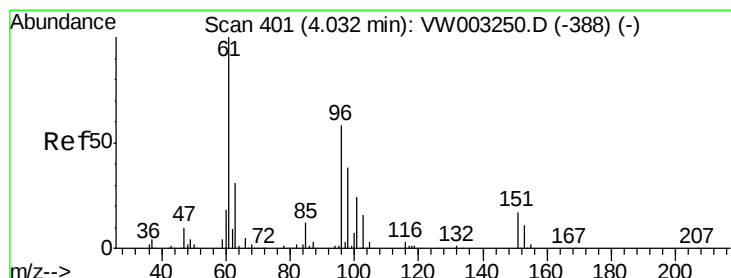
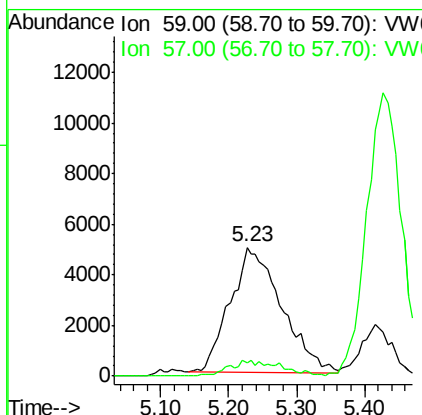
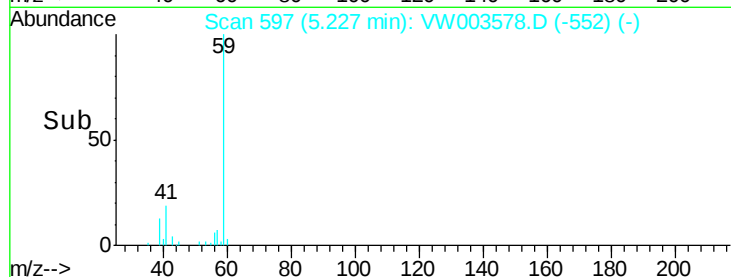
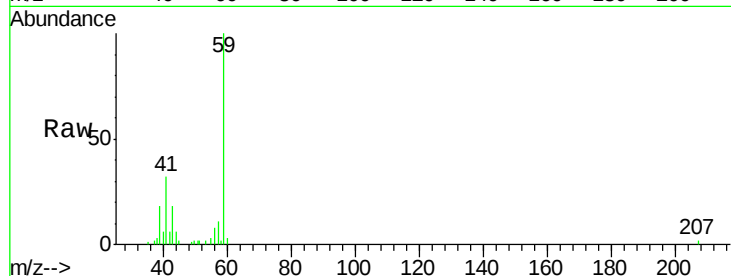
Tert butyl alcohol
Concen: 213.65 ug/l
RT: 5.23 min Scan# 597
Delta R.T. -0.02 min
Lab File: VW003578.D
Acq: 26 Jun 2018 18:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	6.0	4.2	6.2

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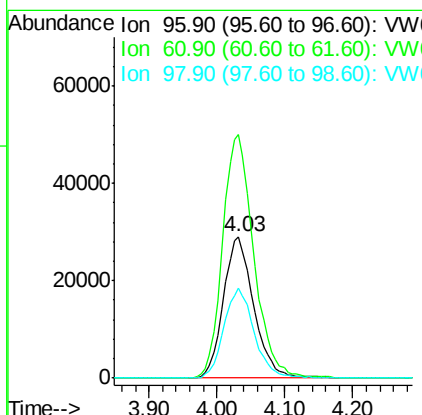
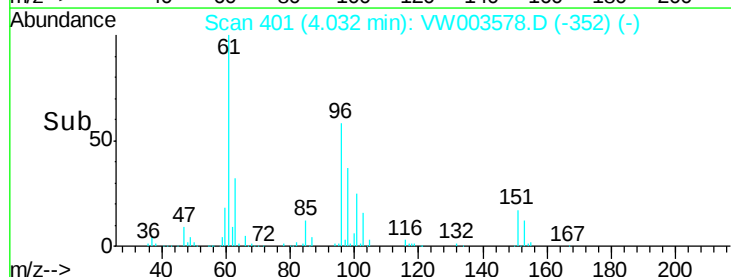
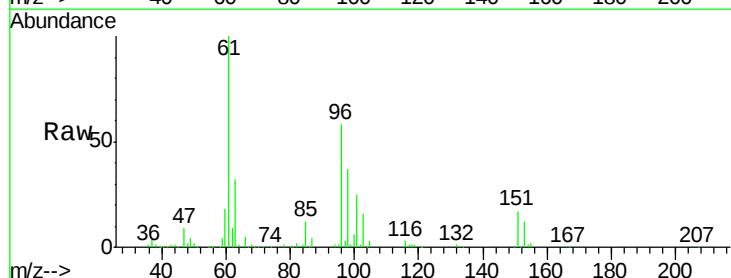
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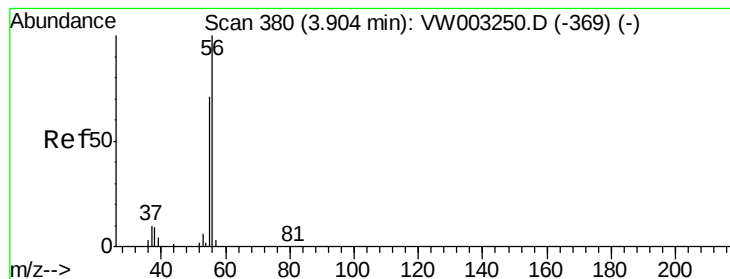


#12

1,1-Dichloroethene
Concen: 47.34 ug/l
RT: 4.03 min Scan# 401
Delta R.T. 0.00 min
Lab File: VW003578.D
Acq: 26 Jun 2018 18:56

Tgt Ion	Ratio	Lower	Upper
96	100		
61	172.4	139.0	208.4
98	63.7	53.3	79.9





#13

Acrolein

Concen: 221.32 ug/l

RT: 3.89 min Scan# 378

Delta R.T. -0.01 min

Lab File: VW003578.D

Acq: 26 Jun 2018 18:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 38656

Ion Ratio Lower Upper

56 100

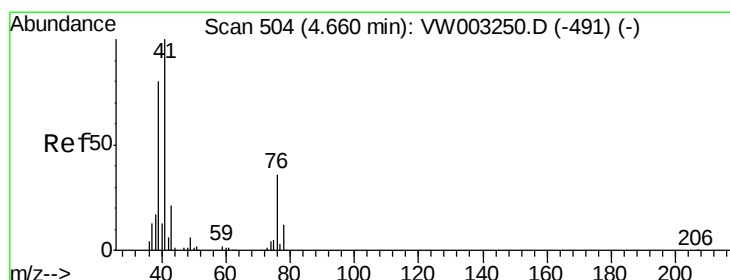
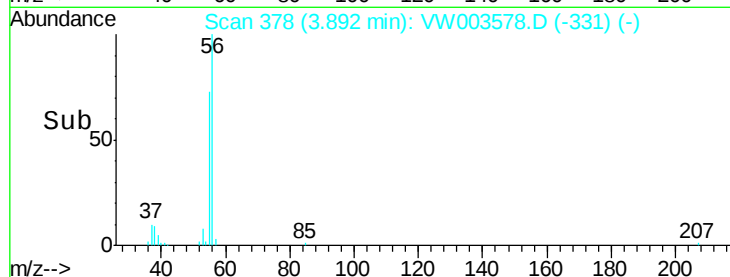
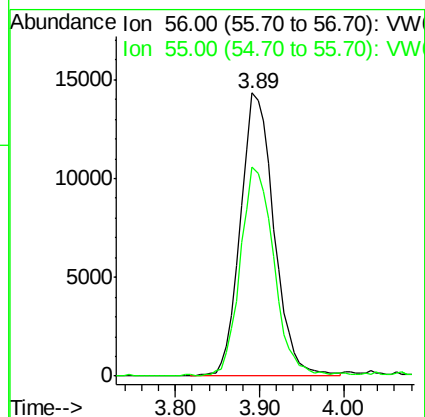
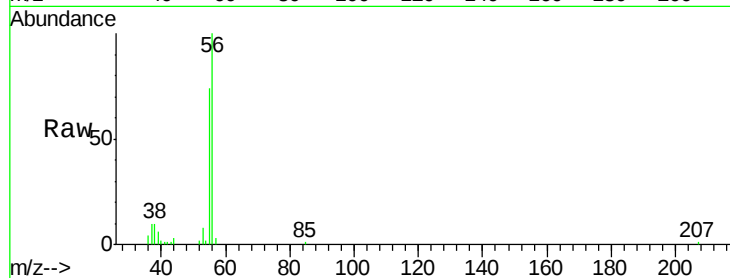
55 73.7 55.4 83.2

Manual Integrations

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#14

Allyl chloride

Concen: 47.75 ug/l

RT: 4.66 min Scan# 504

Delta R.T. 0.00 min

Lab File: VW003578.D

Acq: 26 Jun 2018 18:56

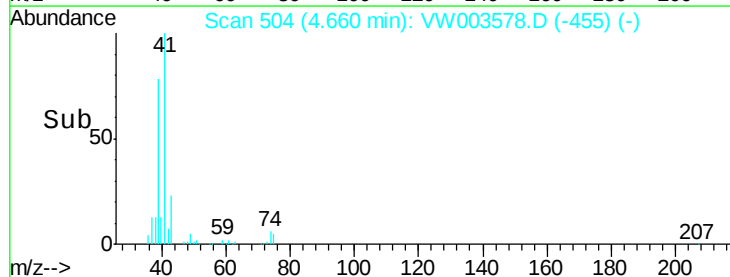
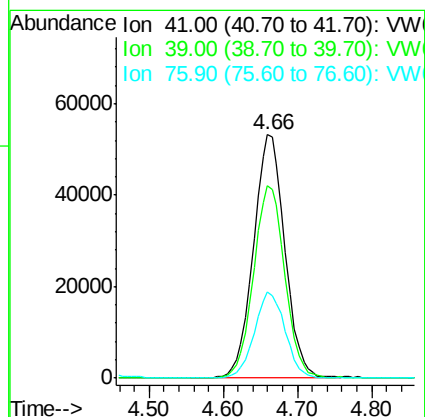
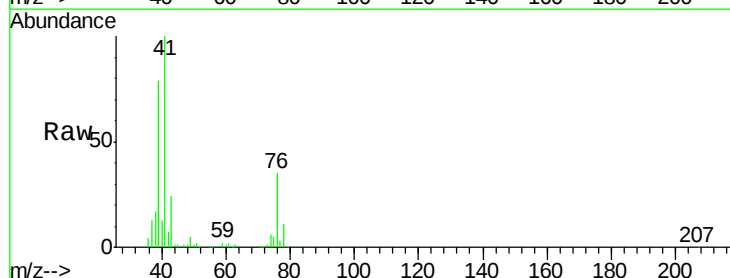
Tgt Ion: 41 Resp: 157472

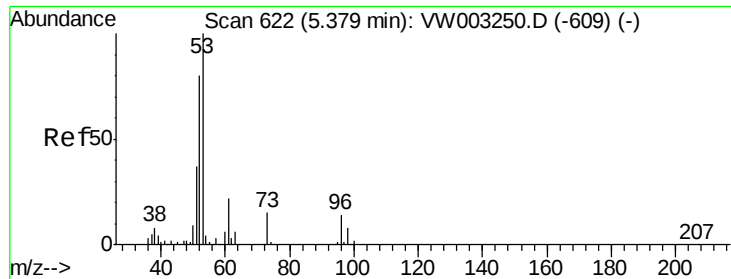
Ion Ratio Lower Upper

41 100

39 78.5 63.2 94.8

76 34.5 28.0 42.0





#15

Acrylonitrile

Concen: 241.78 ug/l

RT: 5.38 min Scan# 622

Delta R.T. 0.00 min

Lab File: VW003578.D

Acq: 26 Jun 2018 18:56

Instrument :

MSVOA_W

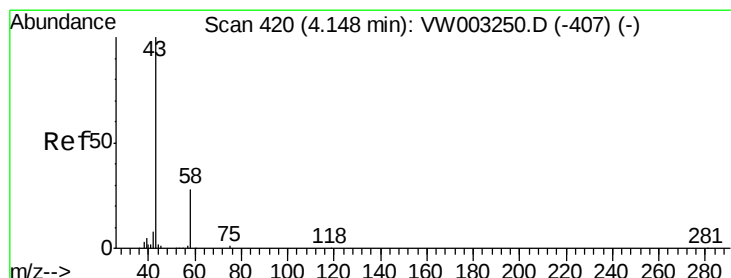
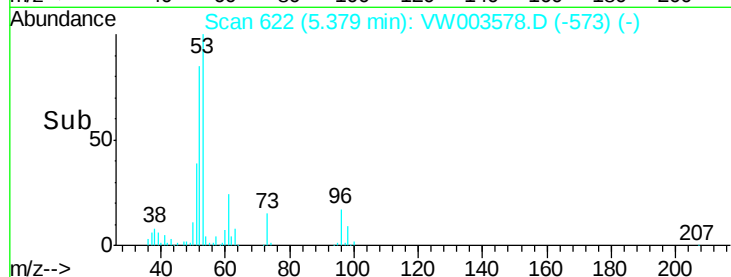
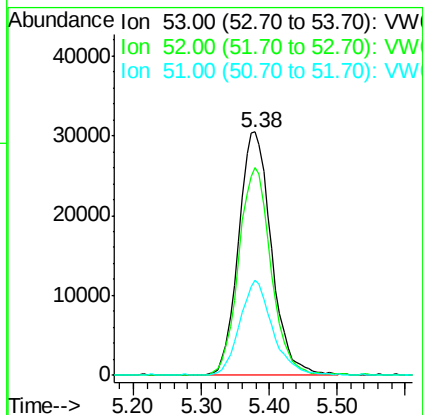
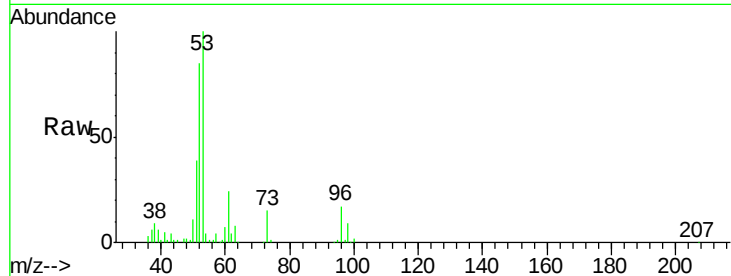
ClientSampled :

VSTDCCC050

Tot Ion:	53	Resp:	102517
Ion Ratio	Lower	Upper	
53	100		
52	83.9	66.6	100.0
51	39.1	30.6	46.0

Manual Integrations
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#16

Acetone

Concen: 212.16 ug/l

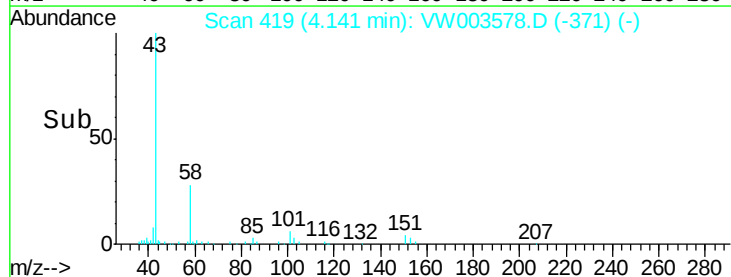
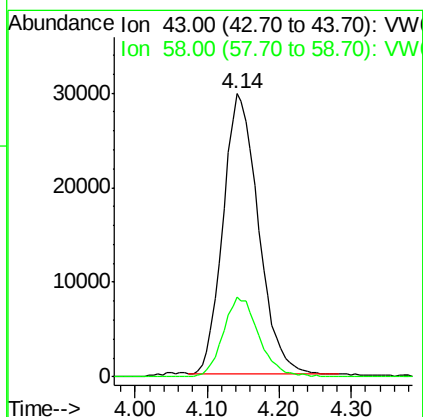
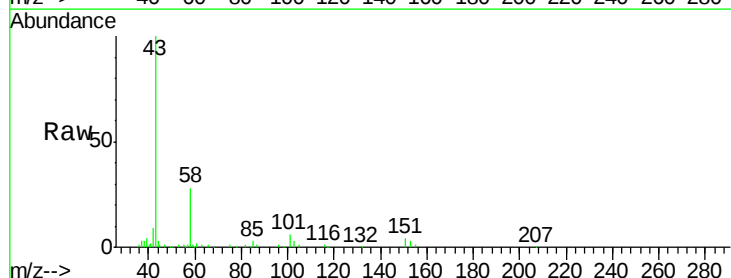
RT: 4.14 min Scan# 419

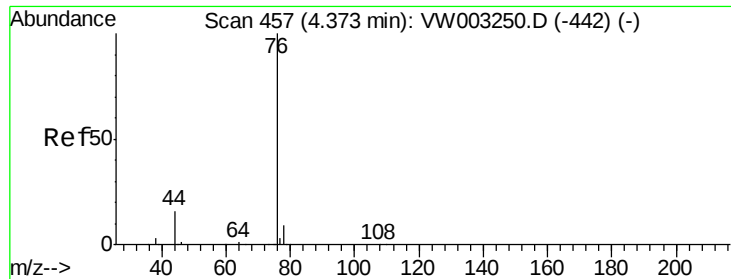
Delta R.T. -0.01 min

Lab File: VW003578.D

Acq: 26 Jun 2018 18:56

Tgt Ion:	43	Resp:	101355
Ion Ratio	Lower	Upper	
43	100		
58	28.1	22.6	34.0





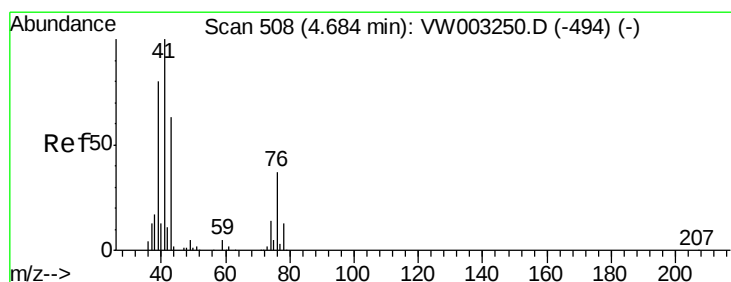
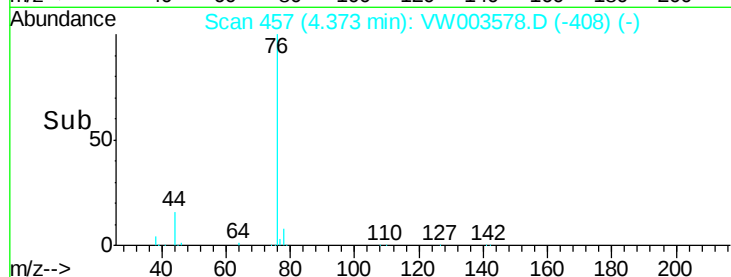
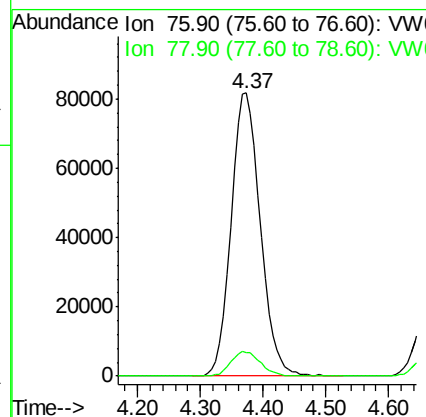
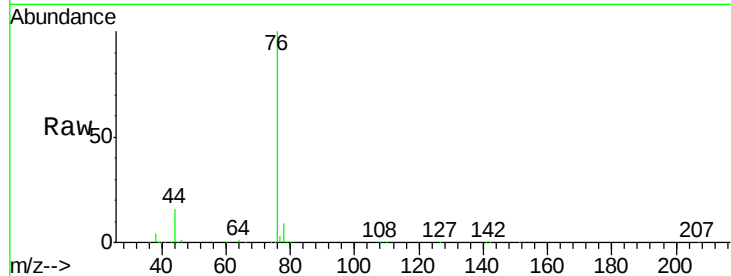
#17
Carbon Disulfide
Concen: 46.73 ug/l
RT: 4.37 min Scan# 457
Delta R.T. 0.00 min
Lab File: VW003578.D
Acq: 26 Jun 2018 18:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.5	7.1	10.7

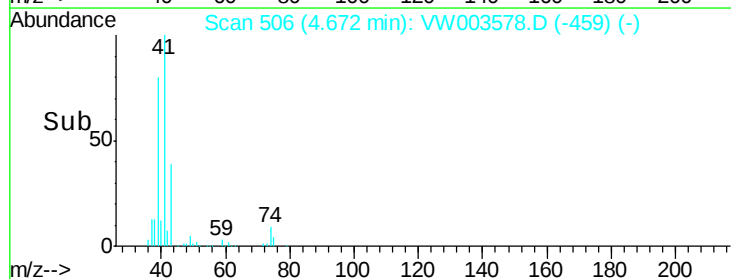
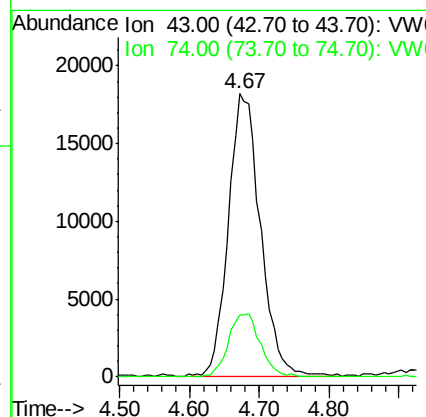
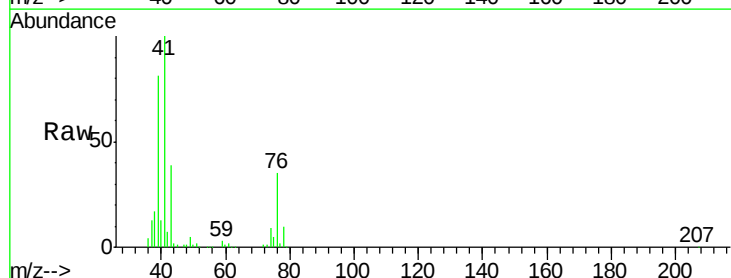
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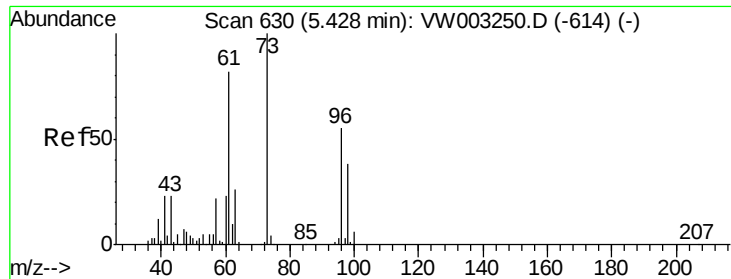
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#18
Methyl Acetate
Concen: 50.61 ug/l
RT: 4.67 min Scan# 506
Delta R.T. -0.01 min
Lab File: VW003578.D
Acq: 26 Jun 2018 18:56

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.5	18.7	28.1





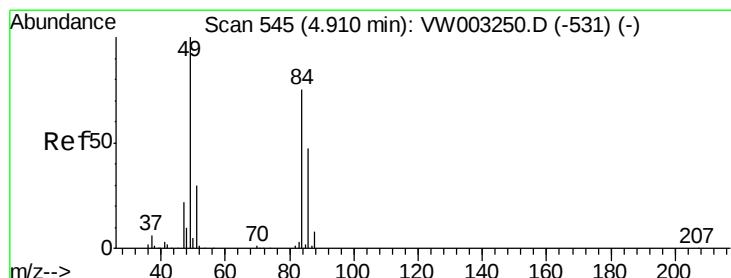
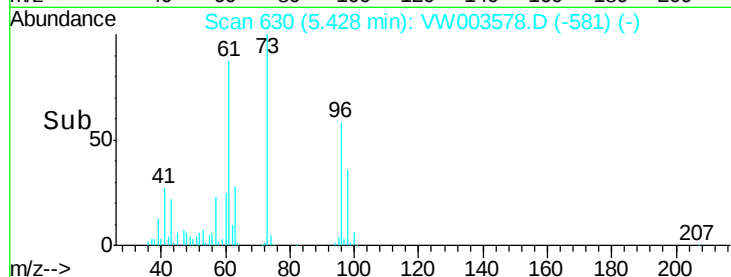
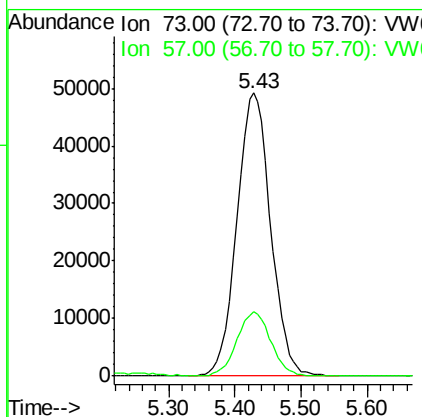
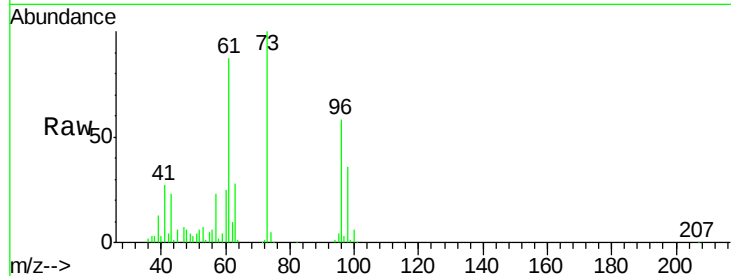
#19
Methyl tert-butyl Ether
Concen: 48.80 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.00 min
Lab File: VW003578.D
Acq: 26 Jun 2018 18:56

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion: 73 Resp: 173983
Ion Ratio Lower Upper
73 100
57 22.7 18.0 27.0

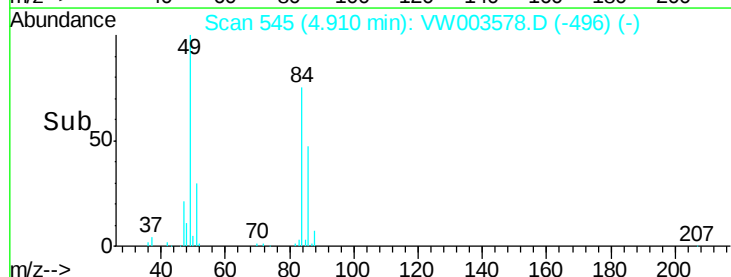
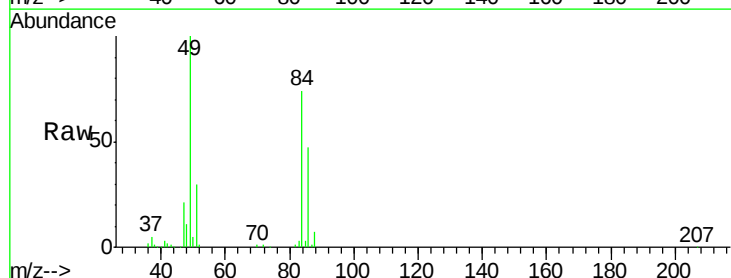
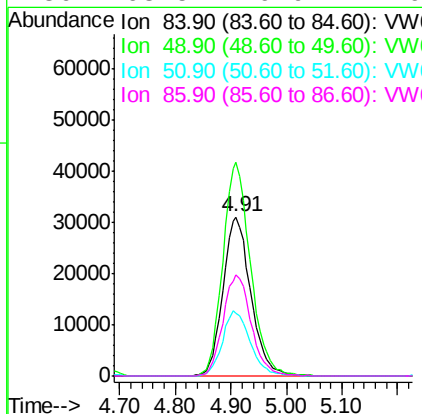
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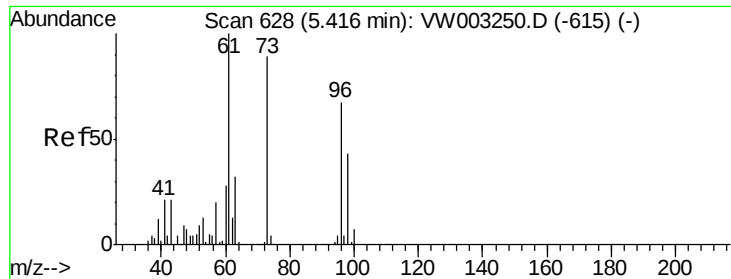
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#20
Methylene Chloride
Concen: 53.14 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003578.D
Acq: 26 Jun 2018 18:56

Tgt Ion: 84 Resp: 107380
Ion Ratio Lower Upper
84 100
49 134.3 106.3 159.5
51 39.8 32.0 48.0
86 63.5 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 47.46 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.00 min

Lab File: VW003578.D

Acq: 26 Jun 2018 18:56

Instrument :

MSVOA_W

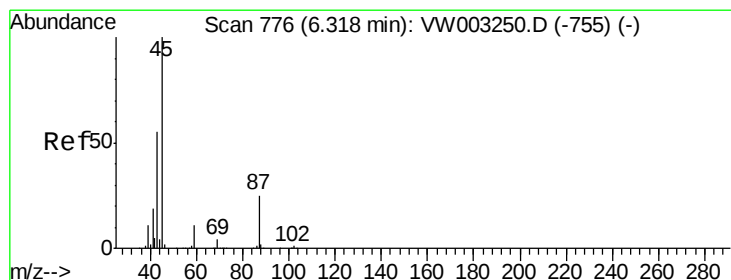
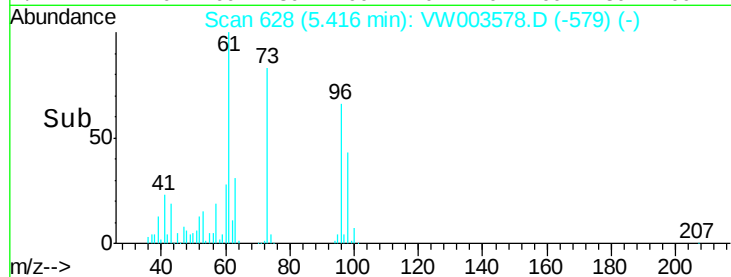
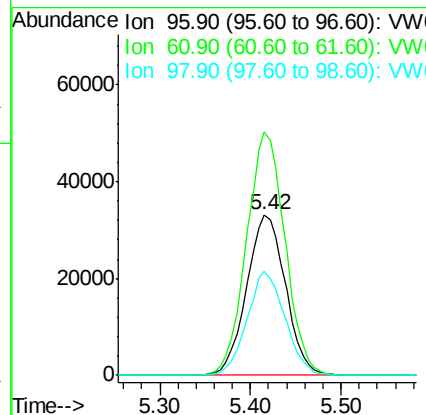
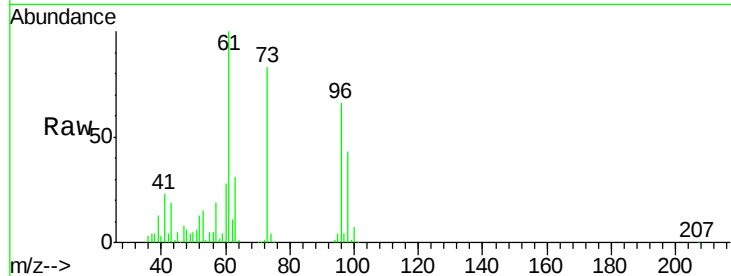
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	98330
Ion	Ratio	Lower	Upper
96	100		
61	151.7	118.7	178.1
98	65.2	51.0	76.6

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#22

Diisopropyl ether

Concen: 50.44 ug/l

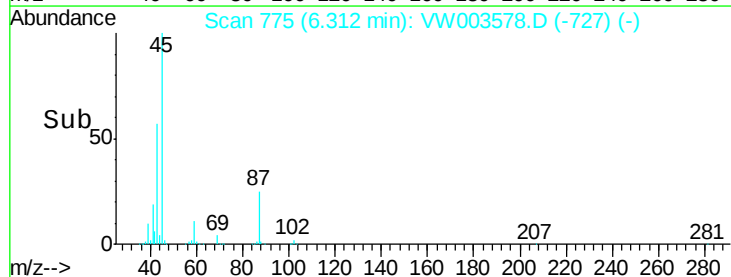
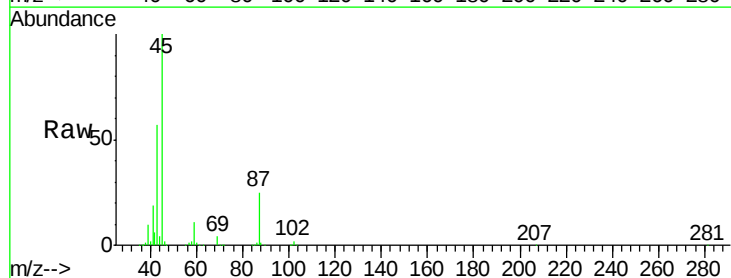
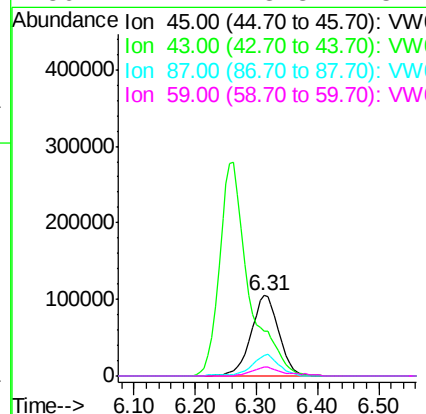
RT: 6.31 min Scan# 775

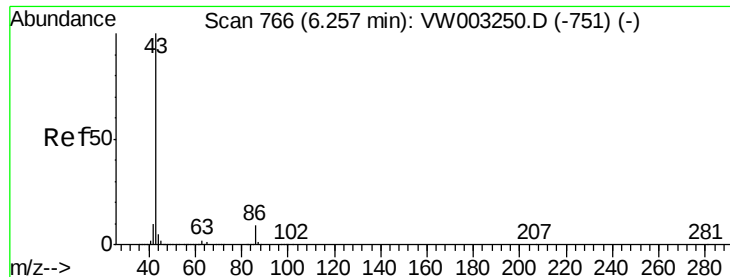
Delta R.T. -0.01 min

Lab File: VW003578.D

Acq: 26 Jun 2018 18:56

Tgt Ion:	45	Resp:	334761
Ion	Ratio	Lower	Upper
45	100		
43	56.4	44.0	66.0
87	25.2	20.6	31.0
59	11.2	8.8	13.2





#23

Vinyl Acetate

Concen: 243.78 ug/l

RT: 6.26 min Scan# 767

Delta R.T. 0.01 min

Lab File: VW003578.D

Acq: 26 Jun 2018 18:56

Tot Ion: 43 Resp: 932323

Ion Ratio Lower Upper

43 100

86 9.4 7.5 11.3

Instrument :

MSVOA_W

ClientSampleId :

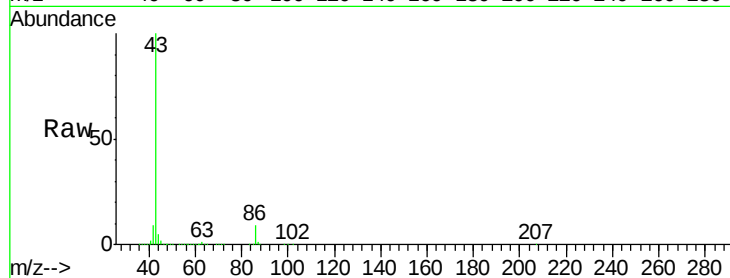
VSTDCCC050

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

300000

250000

200000

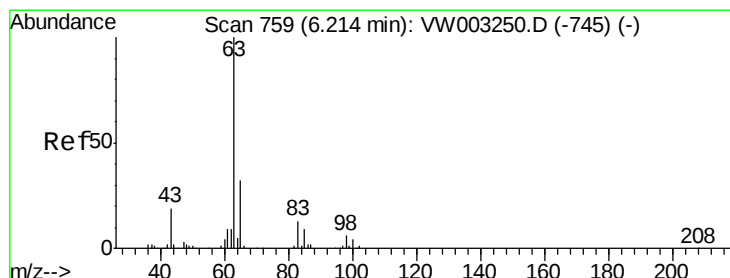
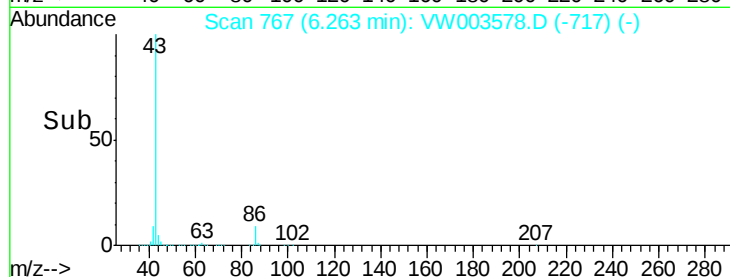
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 49.57 ug/l

RT: 6.21 min Scan# 759

Delta R.T. 0.00 min

Lab File: VW003578.D

Acq: 26 Jun 2018 18:56

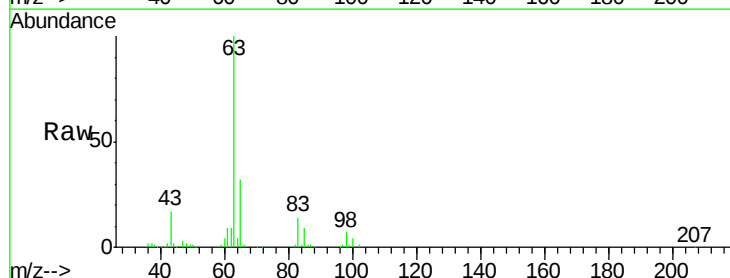
Tgt Ion: 63 Resp: 195310

Ion Ratio Lower Upper

63 100

98 6.7 2.8 8.3

100 3.6 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

6.21

80000

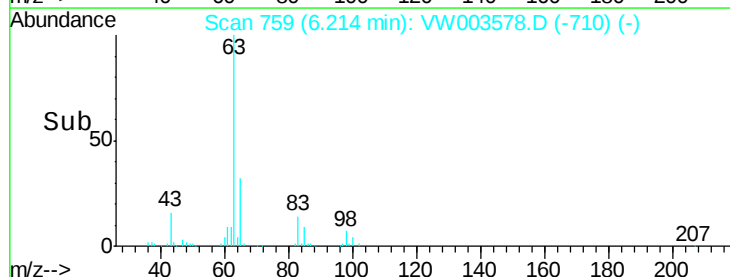
60000

40000

20000

0

Time-->





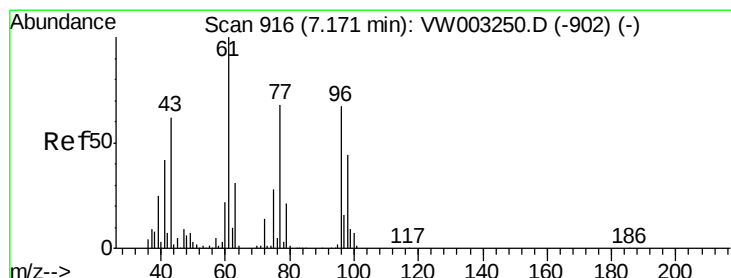
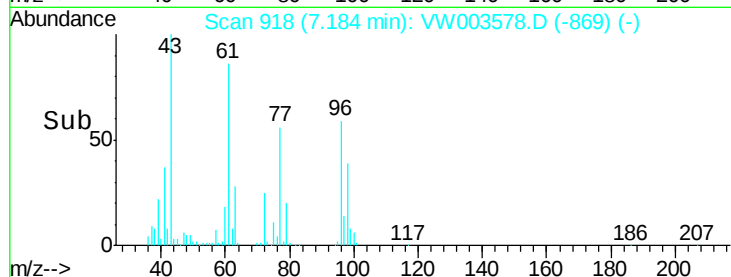
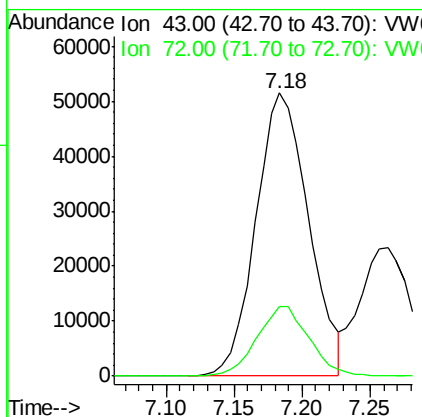
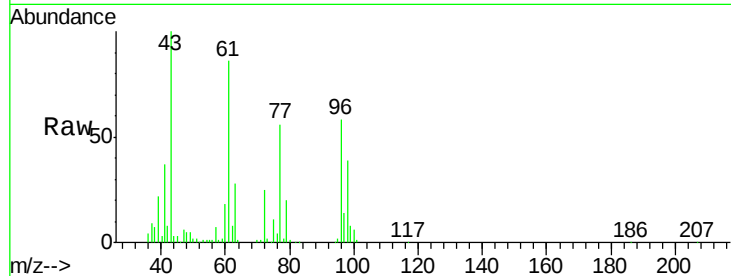
#25
2-Butanone
Concen: 234.75 ug/l
RT: 7.18 min Scan# 918
Delta R.T. 0.00 min
Lab File: VW003578.D
Acq: 26 Jun 2018 18:56

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion: 43 Resp: 139453
Ion Ratio Lower Upper
43 100
72 24.5 20.3 30.5

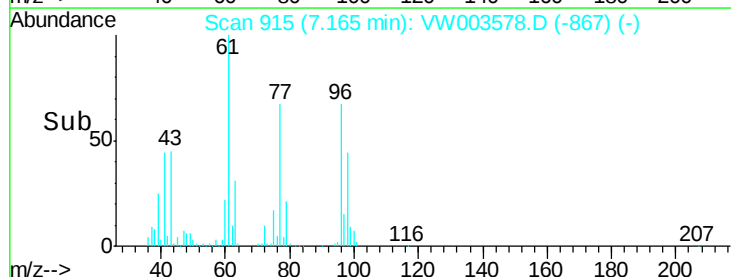
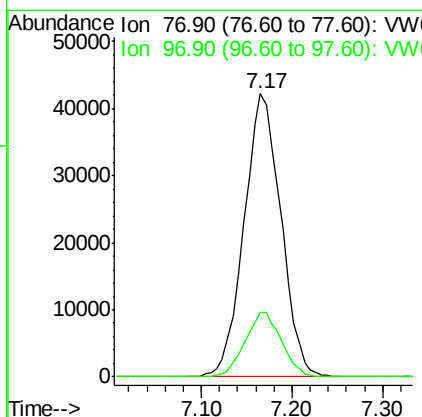
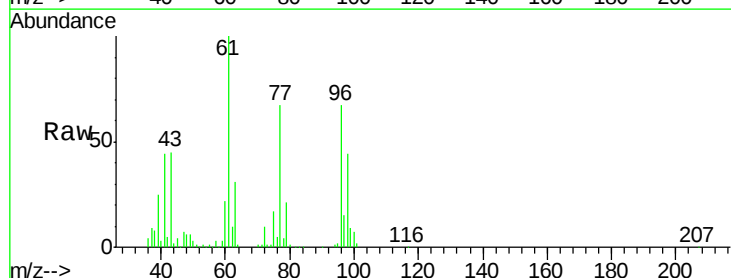
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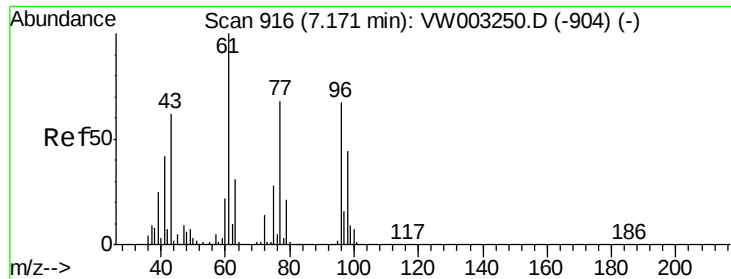
apatel
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#26
2,2-Dichloropropane
Concen: 45.17 ug/l
RT: 7.17 min Scan# 915
Delta R.T. -0.01 min
Lab File: VW003578.D
Acq: 26 Jun 2018 18:56

Tgt Ion: 77 Resp: 118762
Ion Ratio Lower Upper
77 100
97 22.5 11.3 33.9





#27

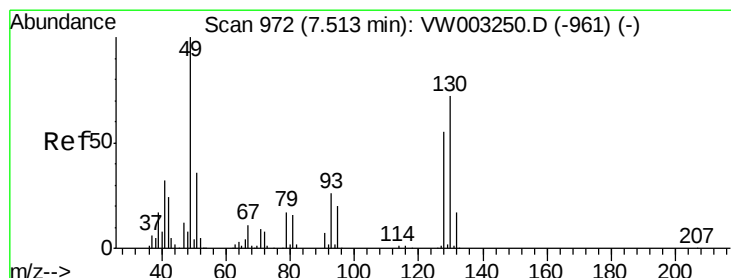
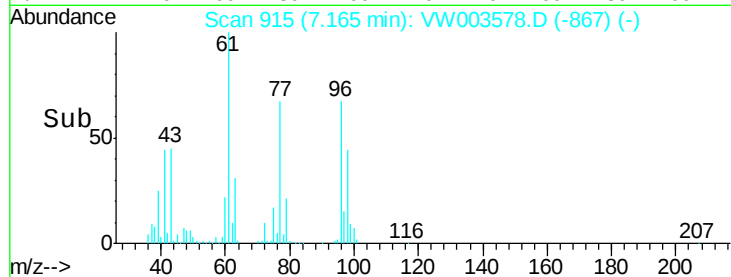
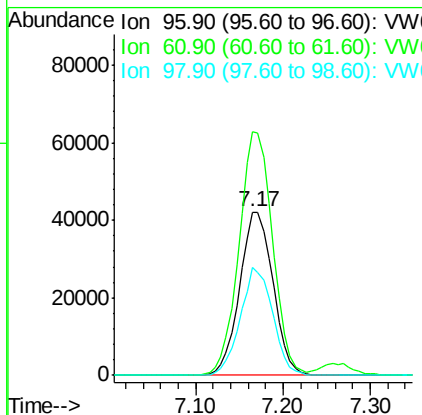
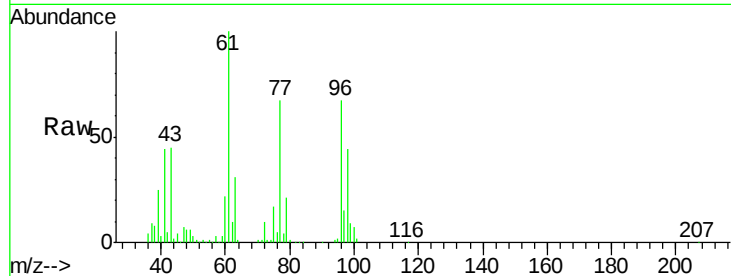
cis-1,2-Dichloroethene
 Concen: 49.06 ug/l
 RT: 7.17 min Scan# 915
 Delta R.T. -0.01 min
 Lab File: VW003578.D
 Acq: 26 Jun 2018 18:56

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	149.6	0.0	298.8	
98	63.9	0.0	130.4	

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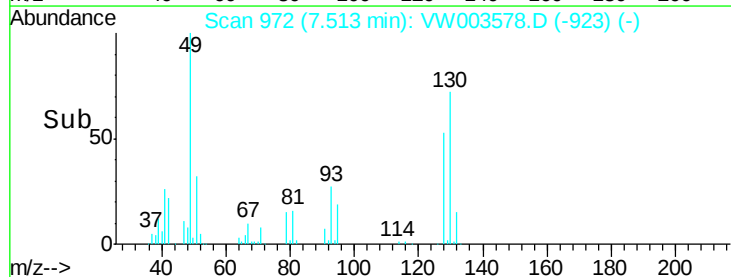
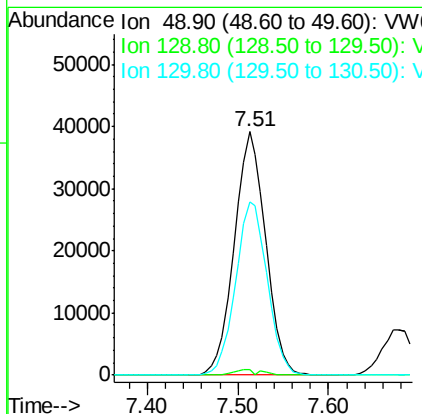
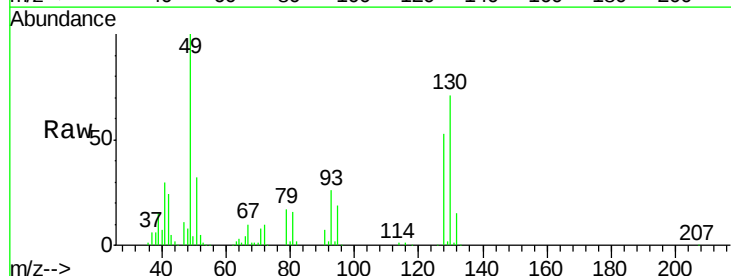
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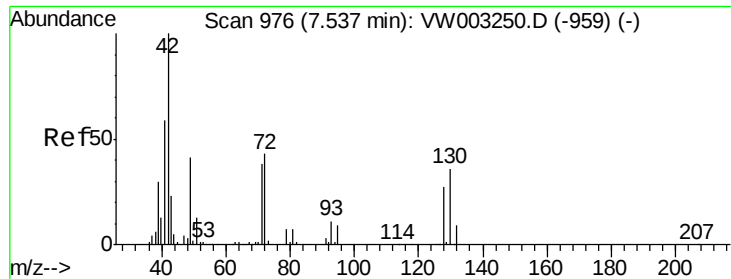


#28

Bromochloromethane
 Concen: 57.53 ug/l
 RT: 7.51 min Scan# 972
 Delta R.T. 0.00 min
 Lab File: VW003578.D
 Acq: 26 Jun 2018 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.3	0.0	4.6	
130	71.9	59.4	89.2	





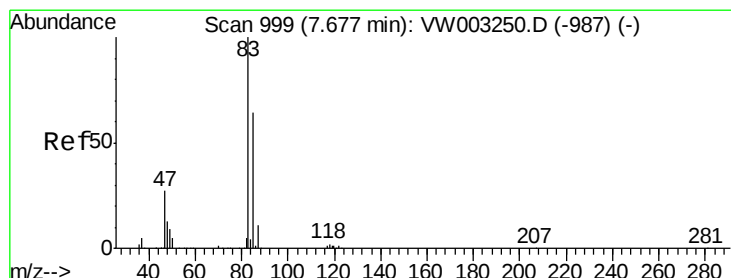
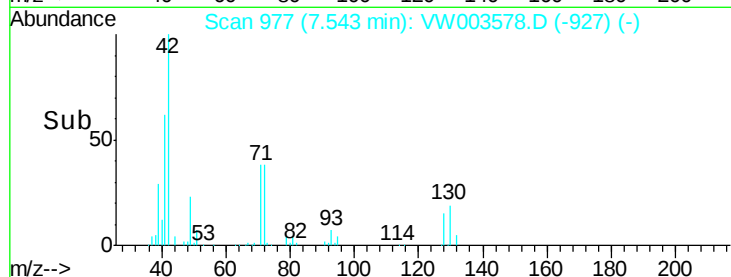
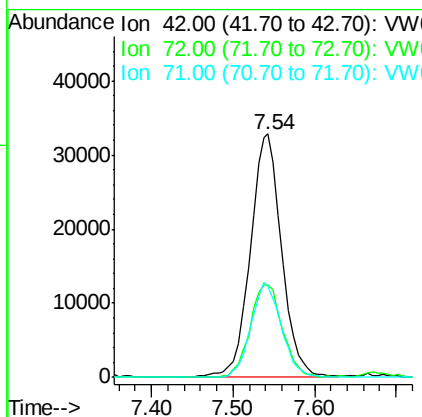
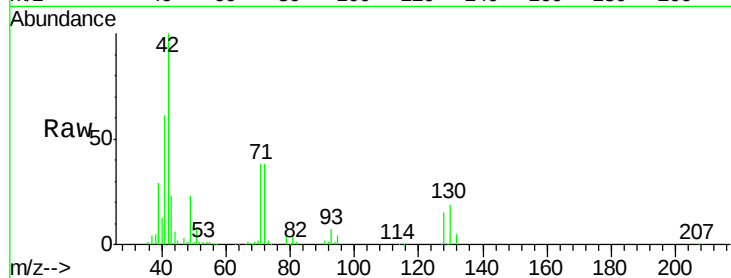
#29
Tetrahydrofuran
Concen: 241.87 ug/l
RT: 7.54 min Scan# 977
Delta R.T. 0.01 min
Lab File: VW003578.D
Acq: 26 Jun 2018 18:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.5	32.4	48.6
71	37.9	31.2	46.8

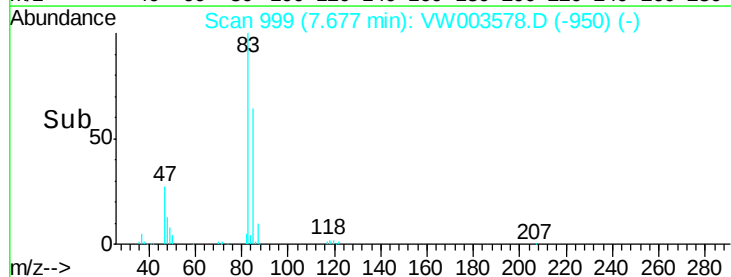
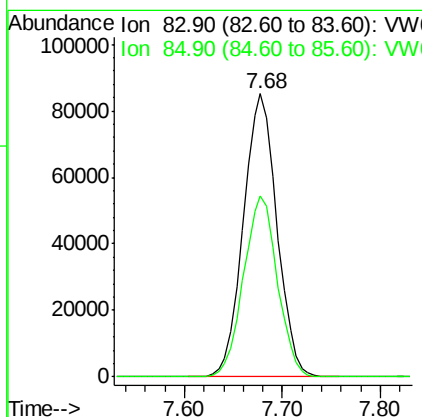
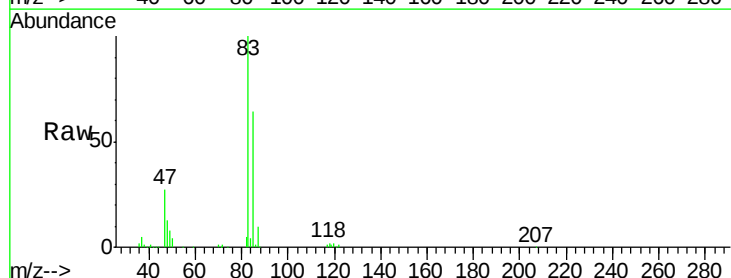
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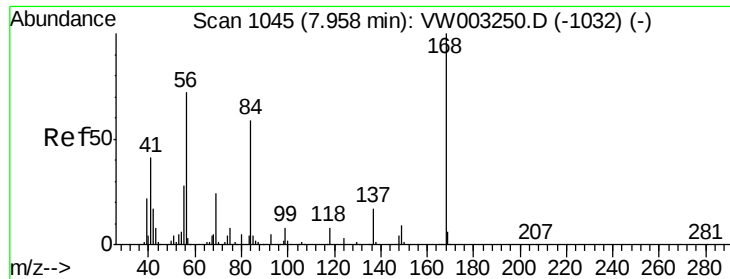
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#30
Chloroform
Concen: 50.29 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW003578.D
Acq: 26 Jun 2018 18:56

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.3	76.9





#31

Cyclohexane

Concen: 45.49 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.01 min

Lab File: VW003578.D

Acq: 26 Jun 2018 18:56

Instrument :

MSVOA_W

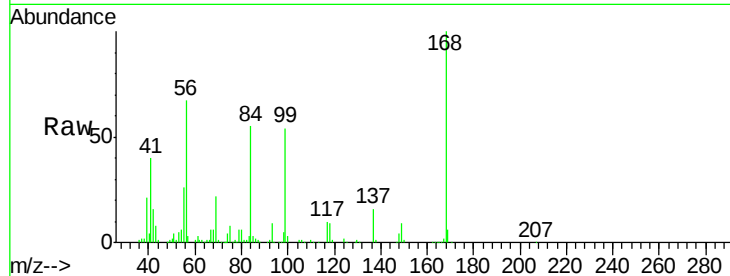
ClientSampleID :

VSTDCCC050

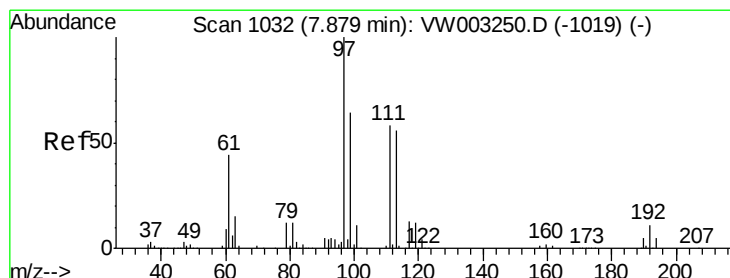
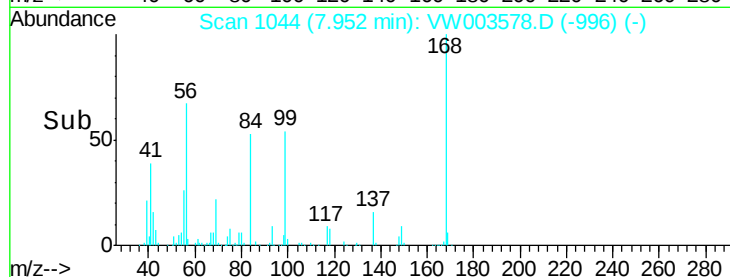
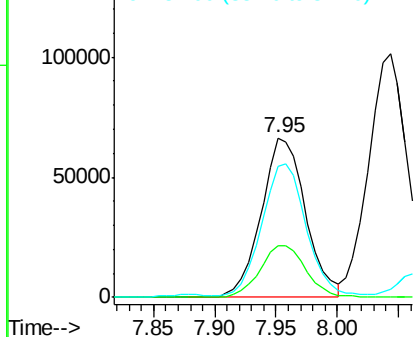
Tot Ion:	56	Resp:	167424
Ion Ratio	Lower	Upper	
56	100		
69	32.6	26.3	39.5
84	79.7	65.7	98.5

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



#32

1,1,1-Trichloroethane

Concen: 49.26 ug/l

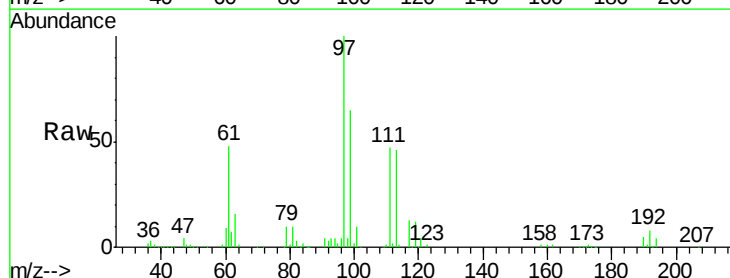
RT: 7.87 min Scan# 1031

Delta R.T. -0.01 min

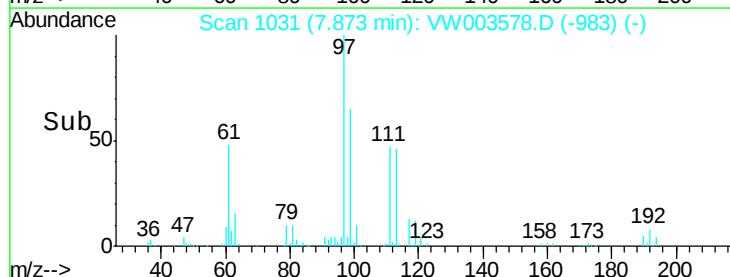
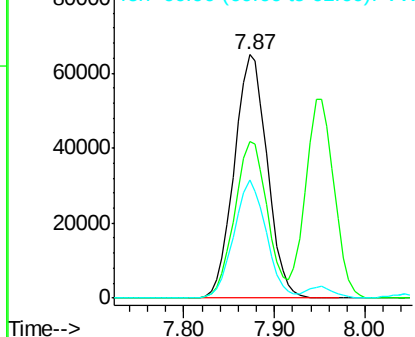
Lab File: VW003578.D

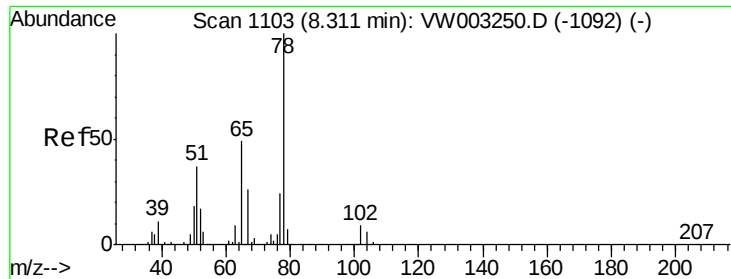
Acq: 26 Jun 2018 18:56

Tgt Ion:	97	Resp:	163199
Ion Ratio	Lower	Upper	
97	100		
99	64.6	51.7	77.5
61	47.3	37.6	56.4



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





#33

1,2-Dichloroethane-d4

Concen: 53.53 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW003578.D

Acq: 26 Jun 2018 18:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 121931

Ion Ratio Lower Upper

65 100

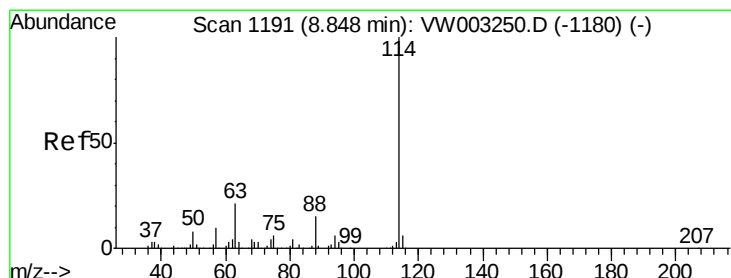
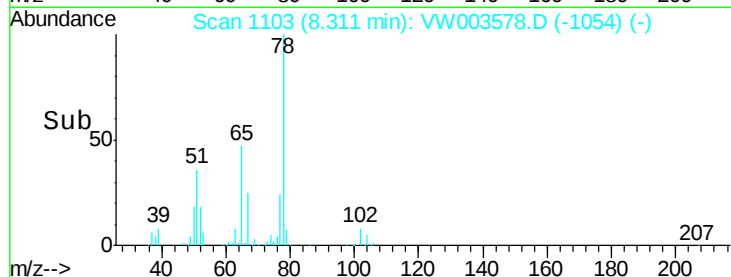
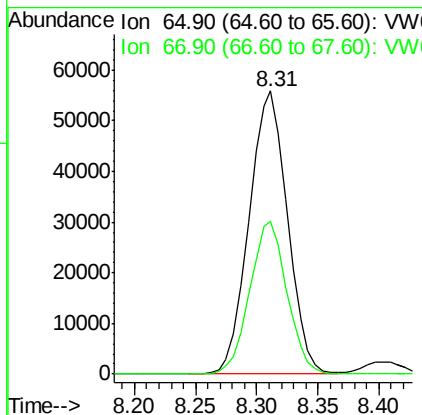
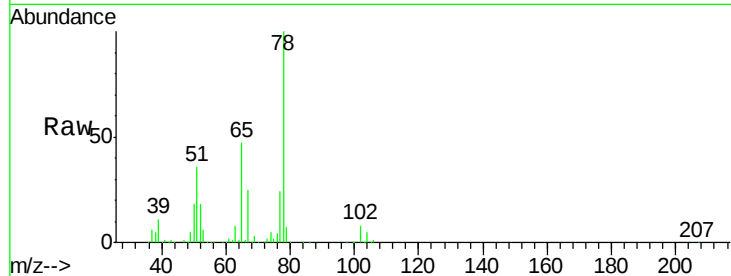
67 52.5 0.0 104.2

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#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.00 min

Lab File: VW003578.D

Acq: 26 Jun 2018 18:56

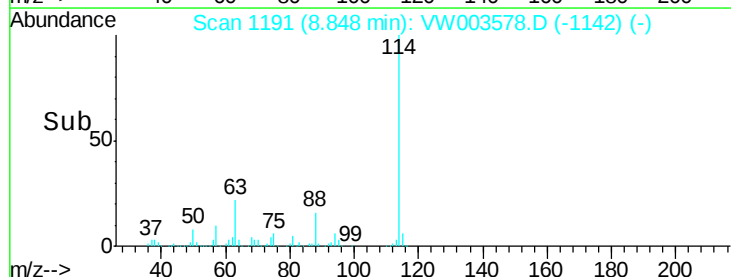
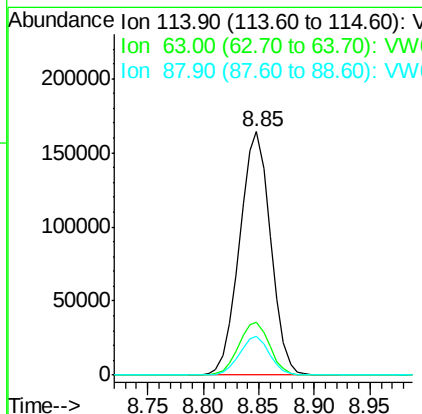
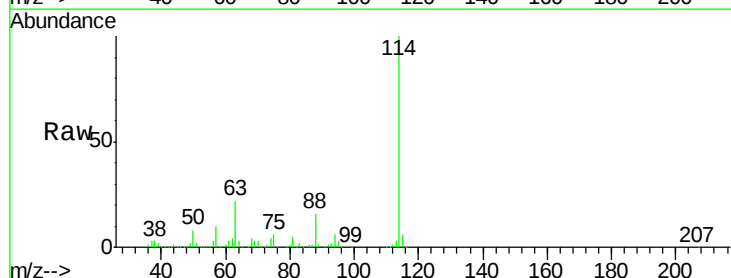
Tgt Ion: 114 Resp: 318073

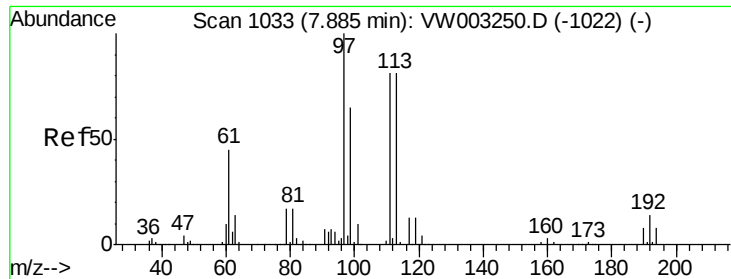
Ion Ratio Lower Upper

114 100

63 21.8 0.0 43.0

88 15.9 0.0 29.6





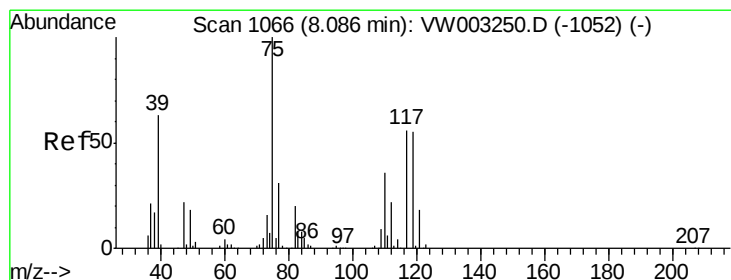
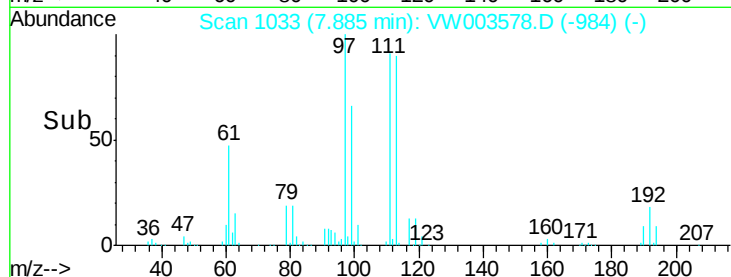
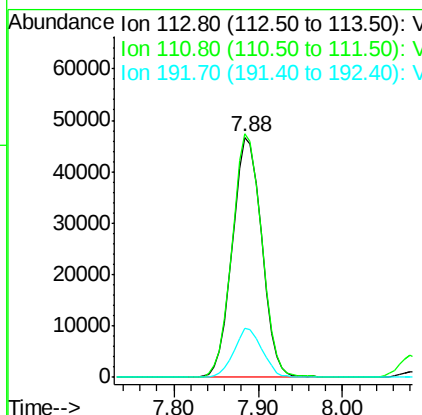
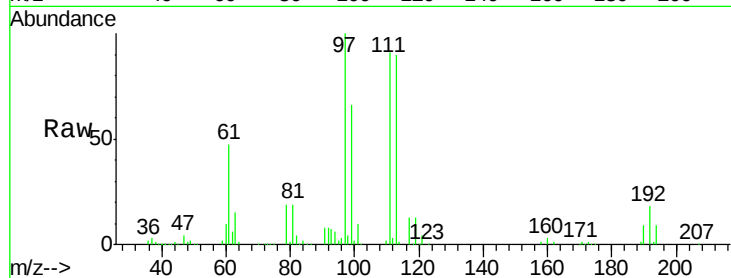
#35
 Dibromofluoromethane
 Concen: 55.64 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003578.D
 Acq: 26 Jun 2018 18:56

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	109967		
111	101.8	82.2	123.2	
192	19.5	16.2	24.2	

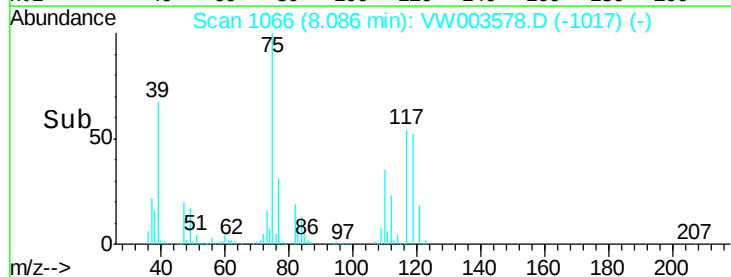
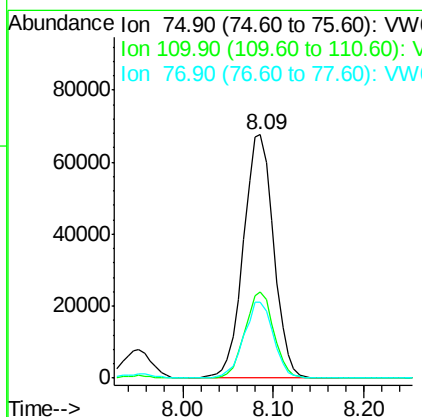
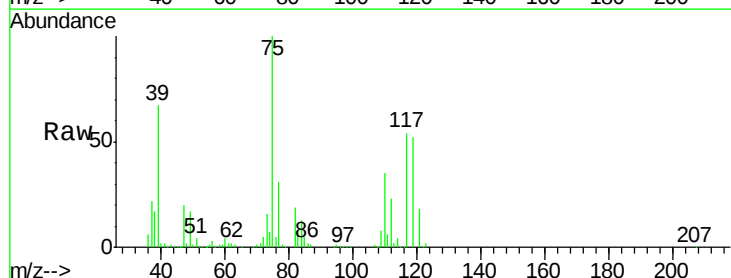
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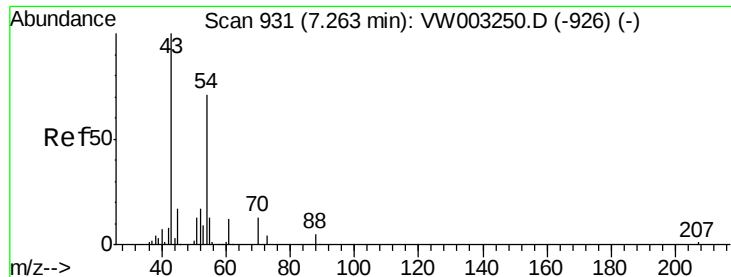
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#36
 1,1-Dichloropropene
 Concen: 50.71 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: VW003578.D
 Acq: 26 Jun 2018 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	155760		
110	33.6	17.1	51.3	
77	30.9	24.9	37.3	





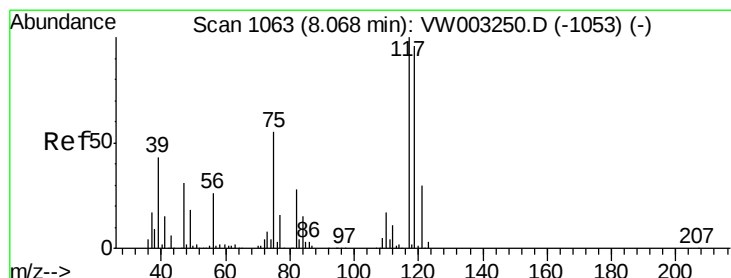
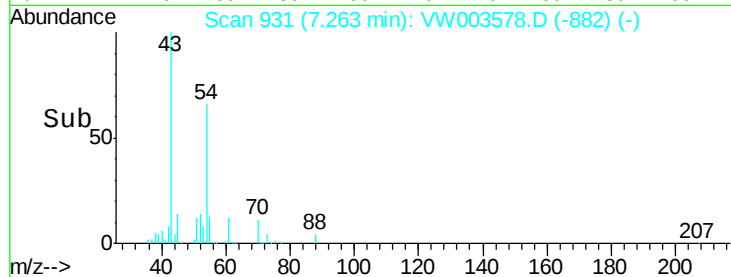
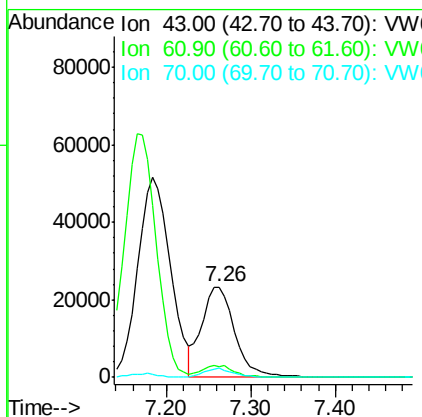
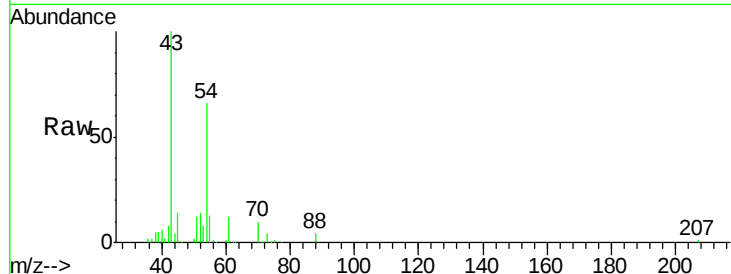
#37
Ethyl Acetate
Concen: 49.90 ug/l
RT: 7.26 min Scan# 931
Delta R.T. 0.00 min
Lab File: VW003578.D
Acq: 26 Jun 2018 18:56

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.2	10.8	16.2
70	8.5	7.8	11.6

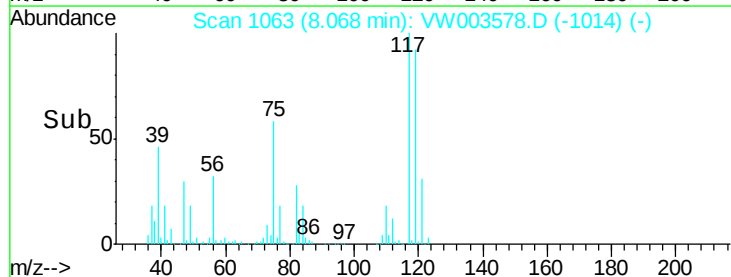
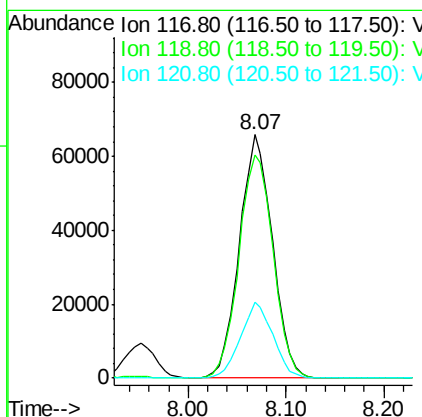
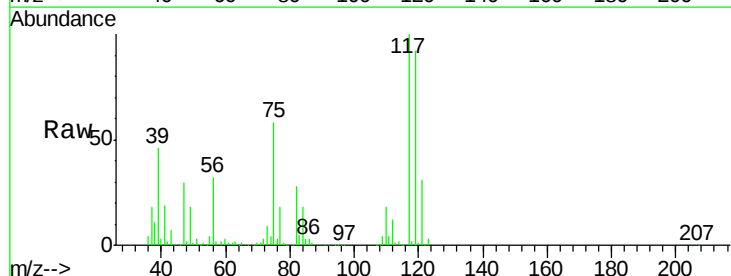
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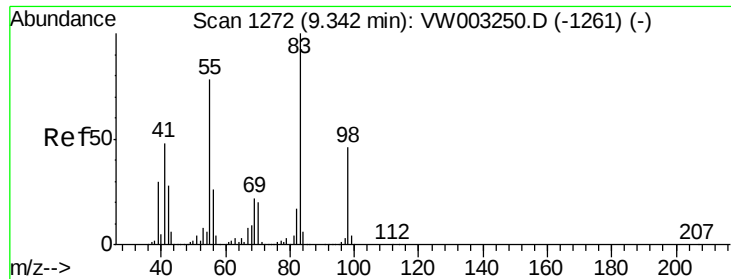
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#38
Carbon Tetrachloride
Concen: 51.38 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW003578.D
Acq: 26 Jun 2018 18:56

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.4	76.6	115.0
121	31.1	23.9	35.9





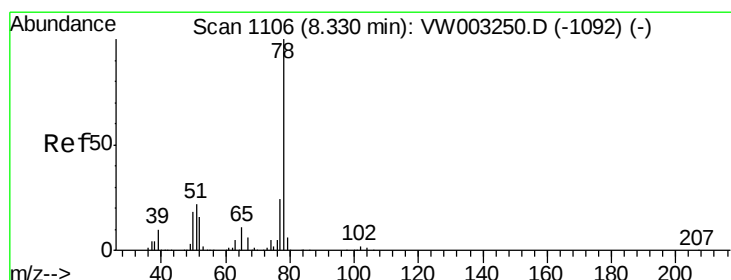
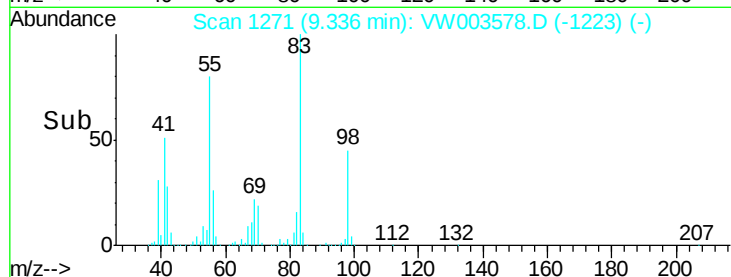
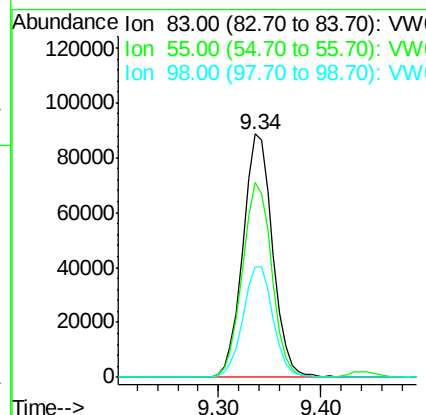
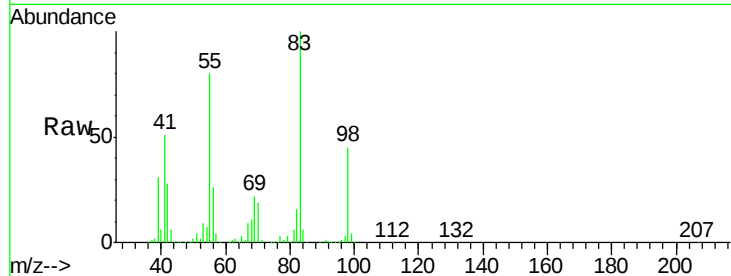
#39
Methvlcvclohexane
Concen: 50.31 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.01 min
Lab File: VW003578.D
Acq: 26 Jun 2018 18:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	178802		
55	80.0	62.6	93.8	
98	45.2	37.0	55.4	

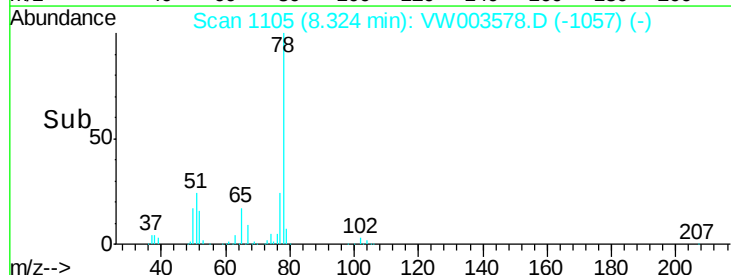
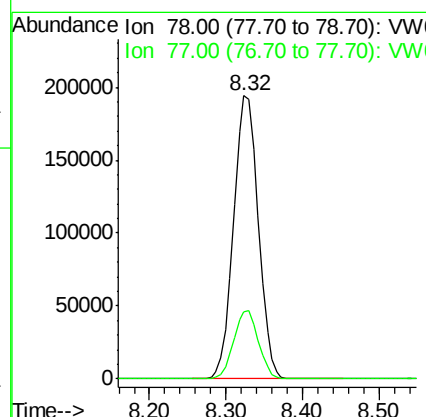
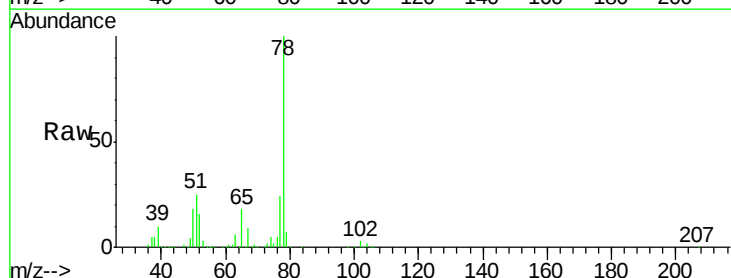
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#40
Benzene
Concen: 51.34 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.01 min
Lab File: VW003578.D
Acq: 26 Jun 2018 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	434728		
77	23.9	19.0	28.6	





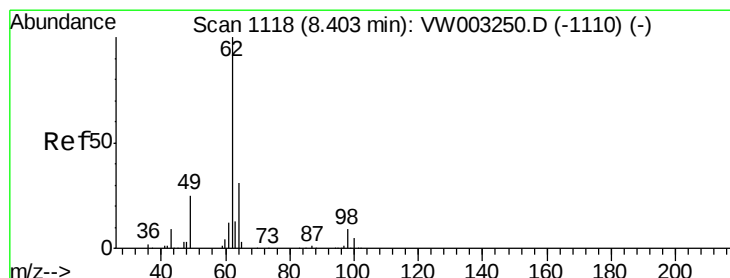
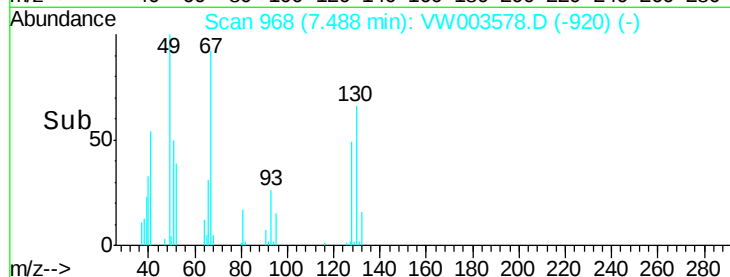
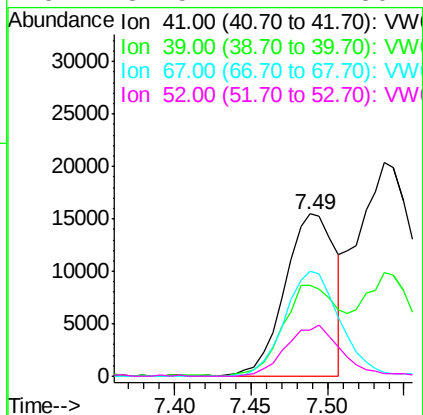
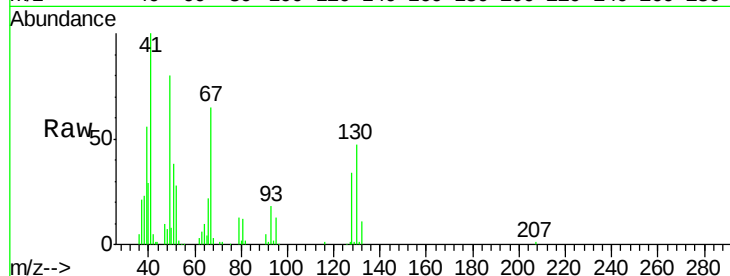
#41
Methacrylonitrile
Concen: 45.42 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.01 min
Lab File: VW003578.D
Acq: 26 Jun 2018 18:56

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion:	41	Resp:	35469
Ion	Ratio	Lower	Upper
41	100		
39	63.3	45.8	68.8
67	71.3	52.3	78.5
52	34.5	24.1	36.1

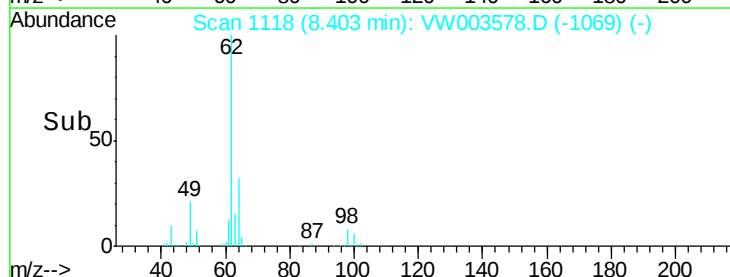
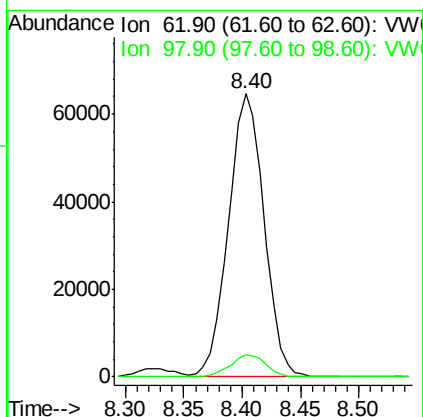
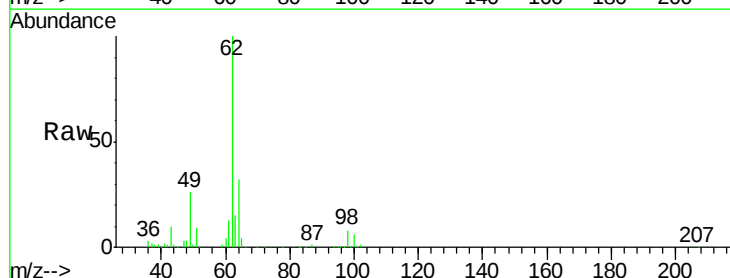
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#42
1,2-Dichloroethane
Concen: 51.79 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW003578.D
Acq: 26 Jun 2018 18:56

Tgt Ion:	62	Resp:	137390
Ion	Ratio	Lower	Upper
62	100		
98	7.9	0.0	17.2





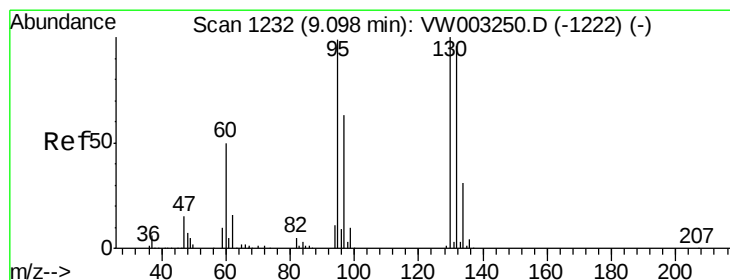
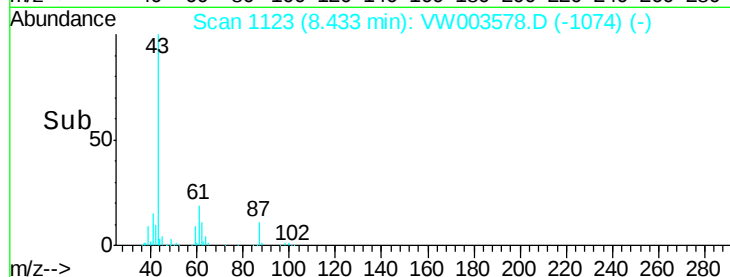
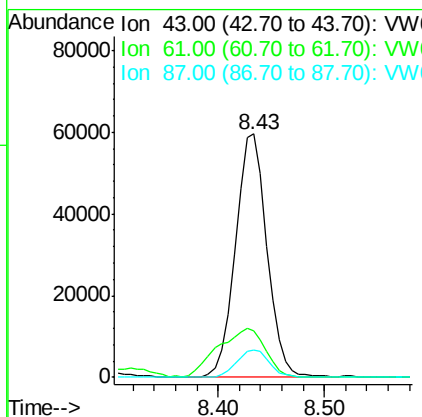
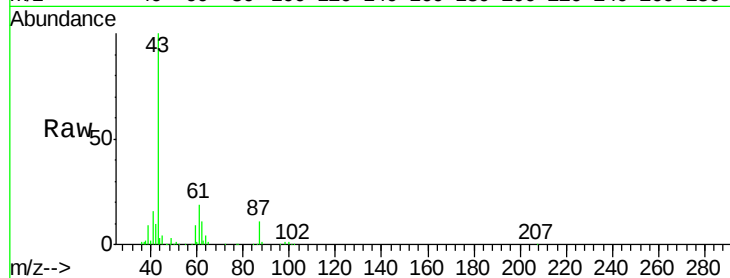
#43
Isopropyl Acetate
Concen: 48.68 ug/l
RT: 8.43 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VW003578.D
Acq: 26 Jun 2018 18:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	30.0	23.1	34.7
87	11.8	9.8	14.6

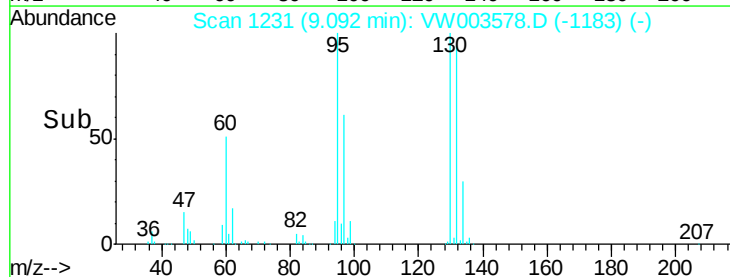
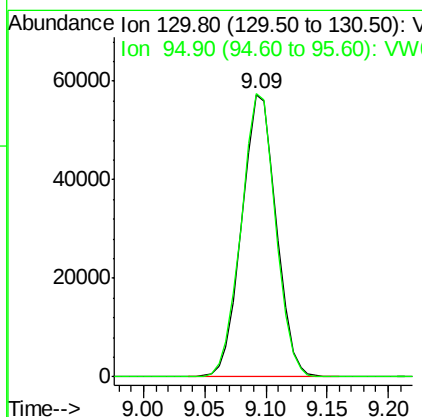
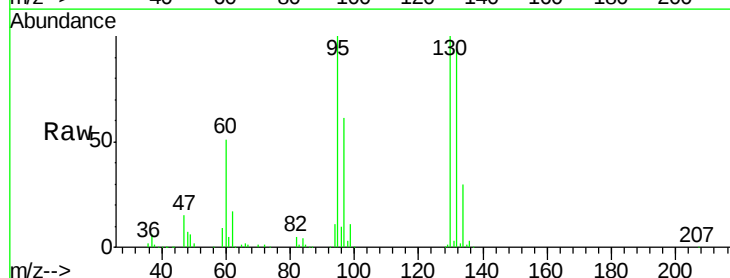
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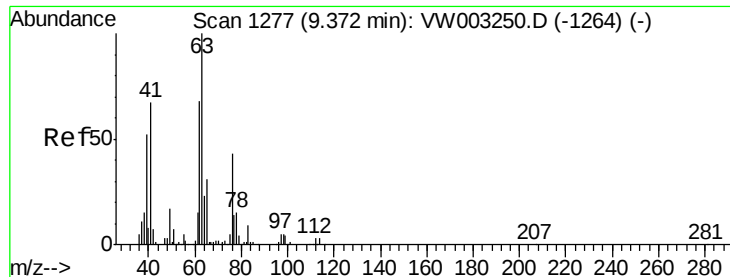
apatel
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#44
Trichloroethene
Concen: 50.07 ug/l
RT: 9.09 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VW003578.D
Acq: 26 Jun 2018 18:56

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.2	0.0	198.0





#45

1,2-Dichloropropane

Concen: 52.10 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VW003578.D

Acq: 26 Jun 2018 18:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 112327

Ion Ratio Lower Upper

63 100

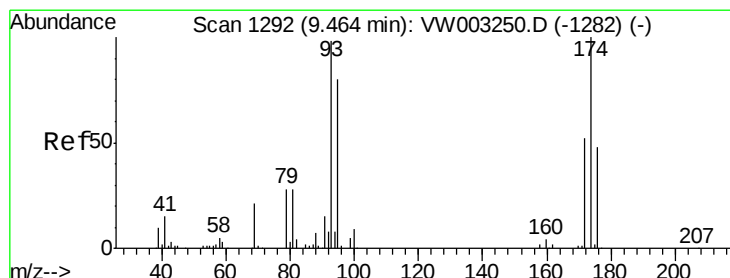
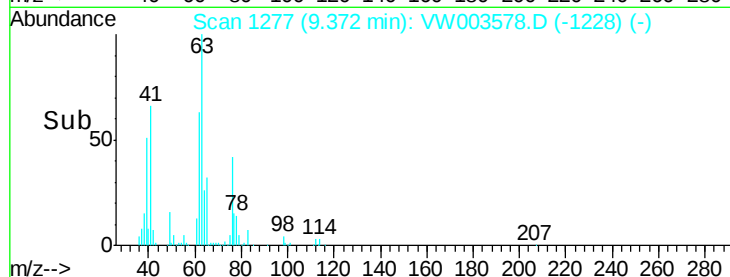
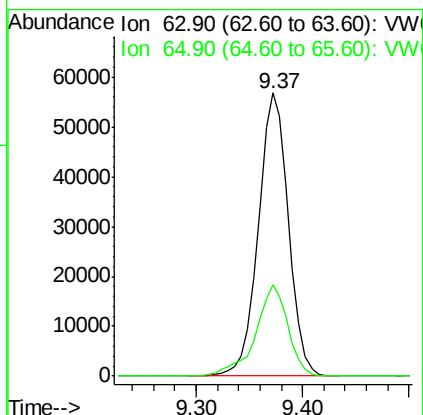
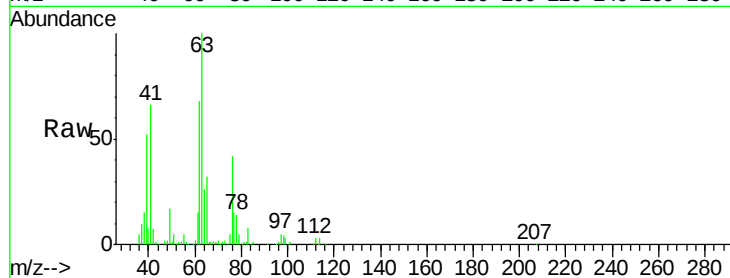
65 32.4 25.1 37.7

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#46

Dibromomethane

Concen: 50.45 ug/l

RT: 9.46 min Scan# 1292

Delta R.T. 0.00 min

Lab File: VW003578.D

Acq: 26 Jun 2018 18:56

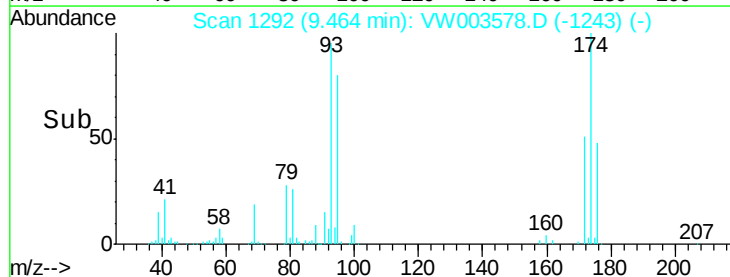
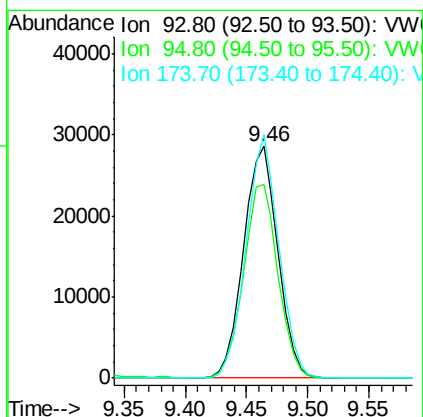
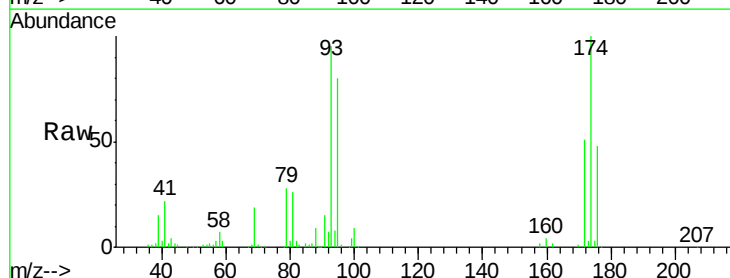
Tgt Ion: 93 Resp: 55681

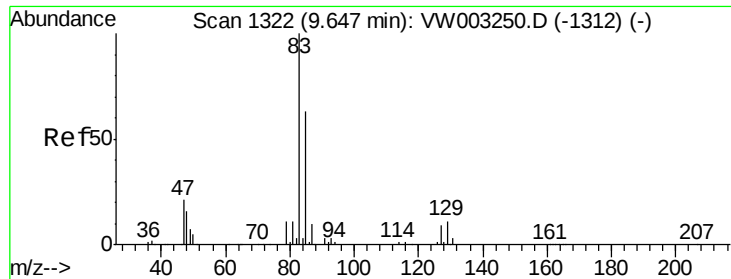
Ion Ratio Lower Upper

93 100

95 84.5 65.8 98.8

174 100.5 81.4 122.0





#47

Bromodichloromethane

Concen: 51.87 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW003578.D

Acq: 26 Jun 2018 18:56

Instrument :

MSVOA_W

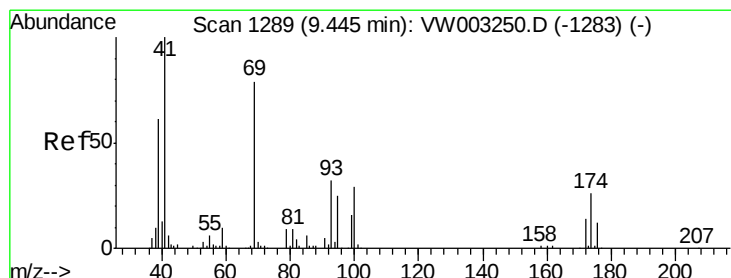
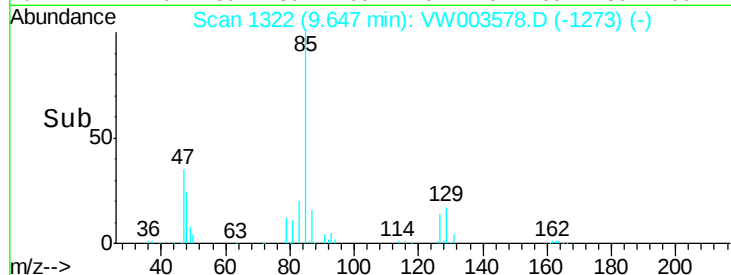
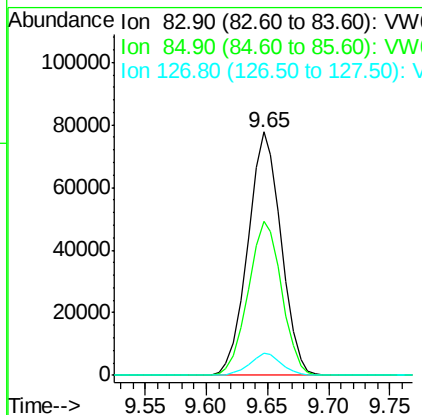
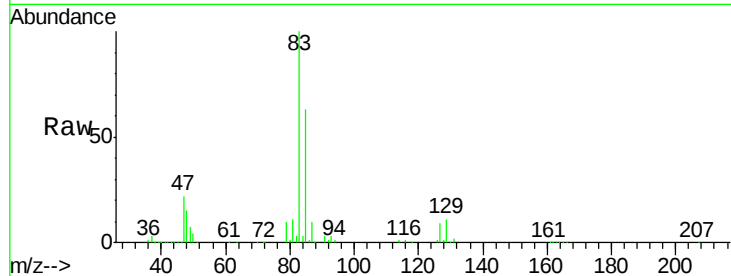
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	146757
Ion Ratio	Lower	Upper	
83	100		
85	63.5	50.6	75.8
127	9.1	6.8	10.2

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#48

Methyl methacrylate

Concen: 50.70 ug/l

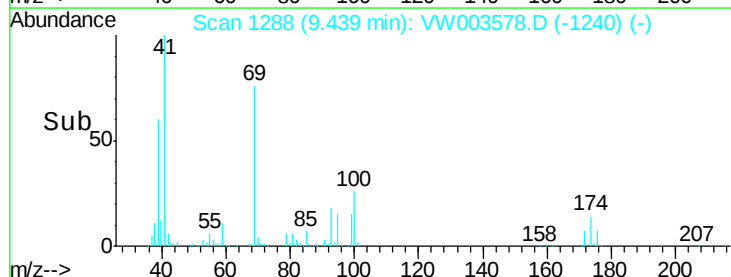
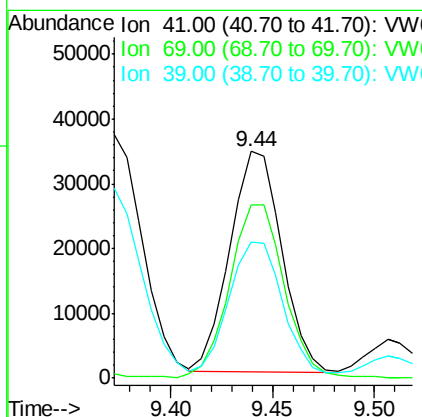
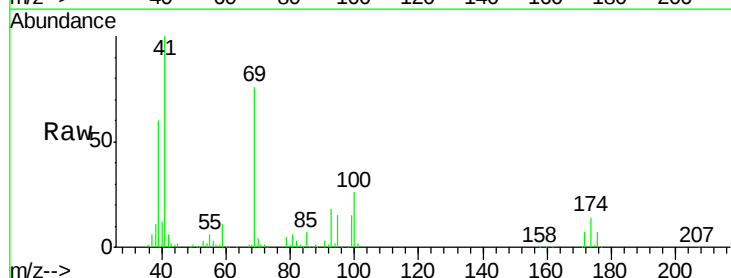
RT: 9.44 min Scan# 1288

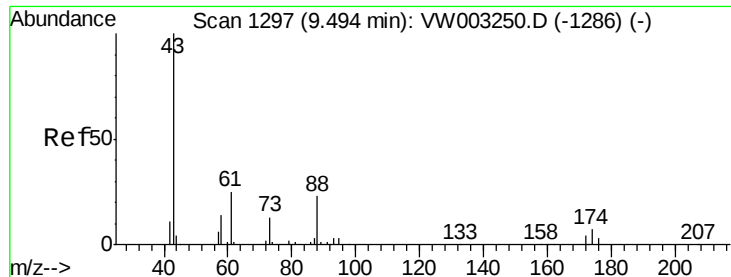
Delta R.T. -0.01 min

Lab File: VW003578.D

Acq: 26 Jun 2018 18:56

Tgt Ion:	41	Resp:	60207
Ion Ratio	Lower	Upper	
41	100		
69	82.9	65.4	98.2
39	60.9	54.2	81.2





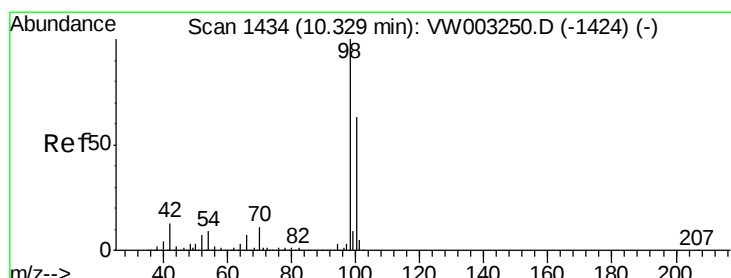
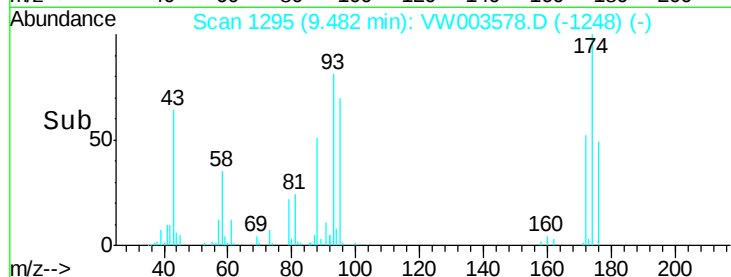
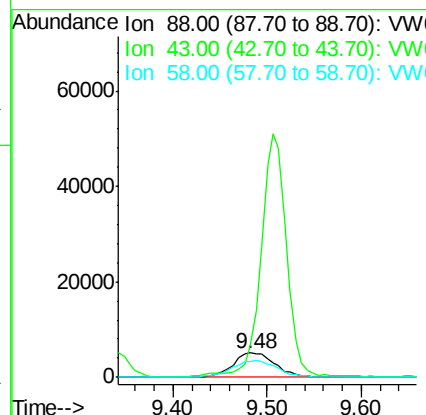
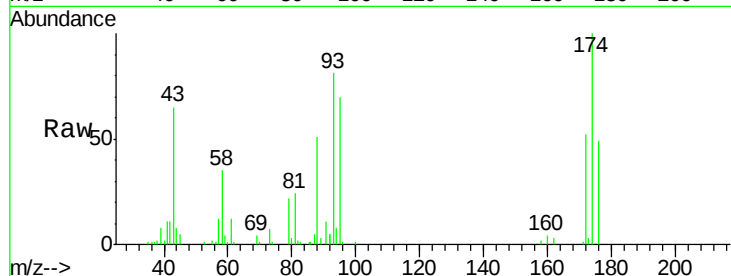
#49
 1,4-Dioxane
 Concen: 962.24 ug/l
 RT: 9.48 min Scan# 1295
 Delta R.T. -0.01 min
 Lab File: VW003578.D
 Acq: 26 Jun 2018 18:56

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	88	Resp	16036
Ion Ratio	Lower	Upper	
88	100		
43	0.0	454.7	682.1#
58	74.0	58.6	88.0

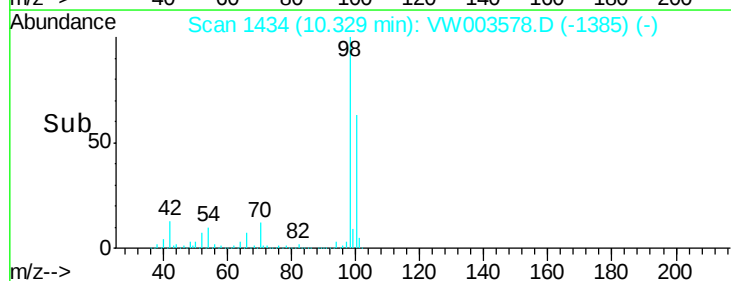
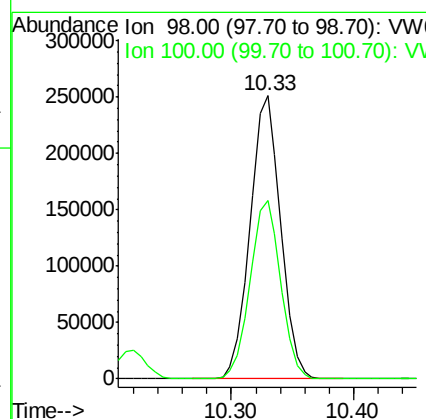
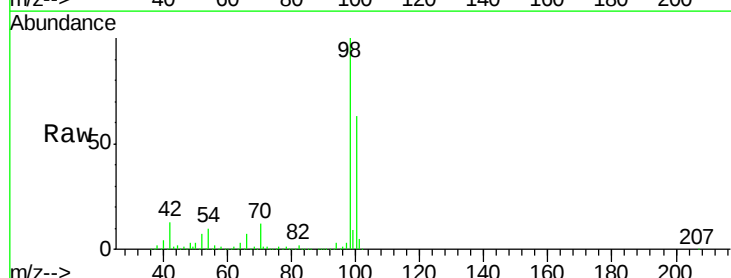
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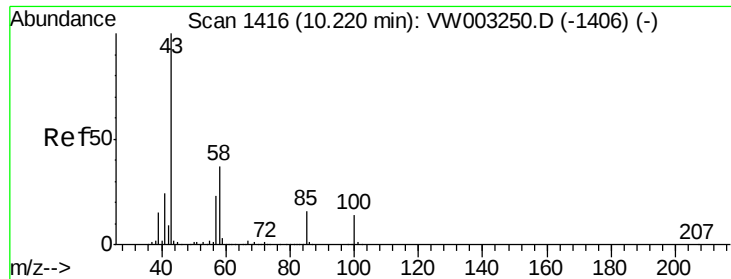
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#50
 Toluene-d8
 Concen: 55.62 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW003578.D
 Acq: 26 Jun 2018 18:56

Tgt Ion	98	Resp	435927
Ion Ratio	Lower	Upper	
98	100		
100	63.3	50.8	76.2





#51

4-Methyl-2-Pentanone

Concen: 253.96 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. -0.01 min

Lab File: VW003578.D

Acq: 26 Jun 2018 18:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 326991

Ion Ratio Lower Upper

43 100

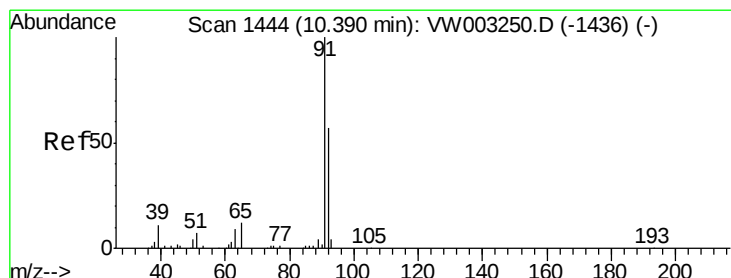
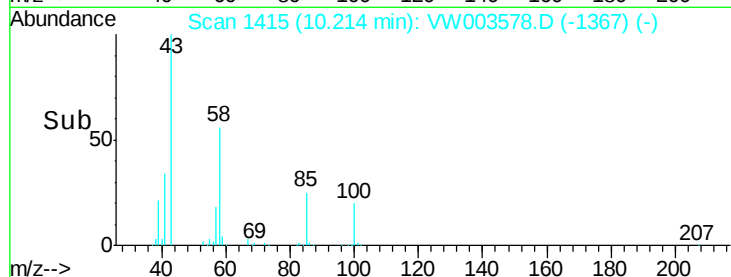
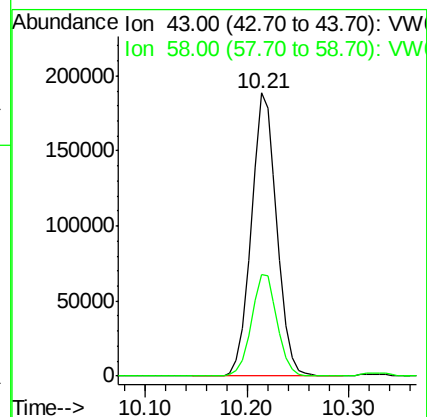
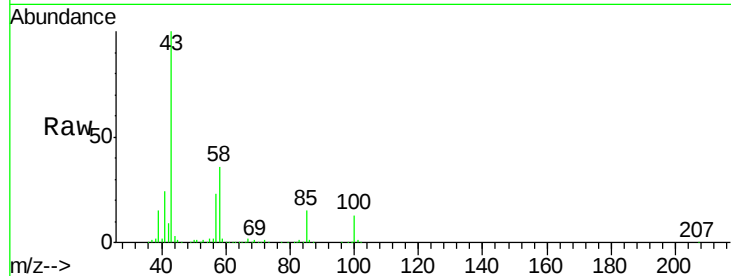
58 36.4 29.0 43.4

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#52

Toluene

Concen: 51.11 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW003578.D

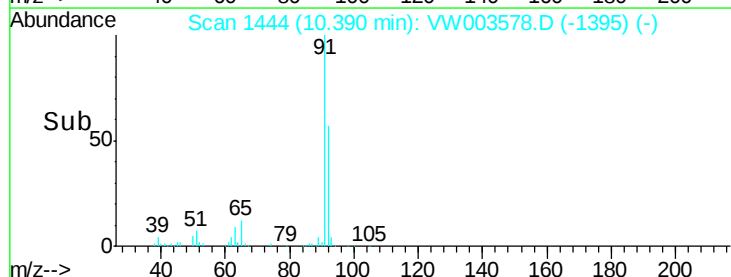
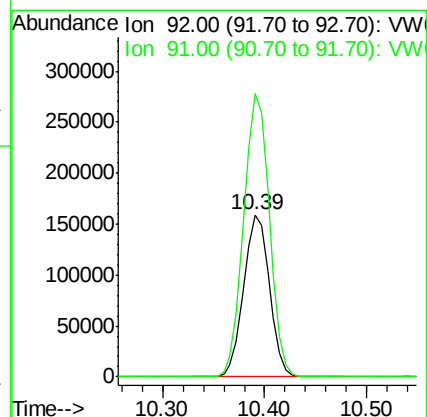
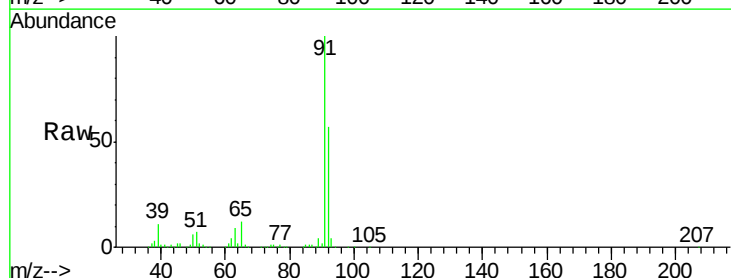
Acq: 26 Jun 2018 18:56

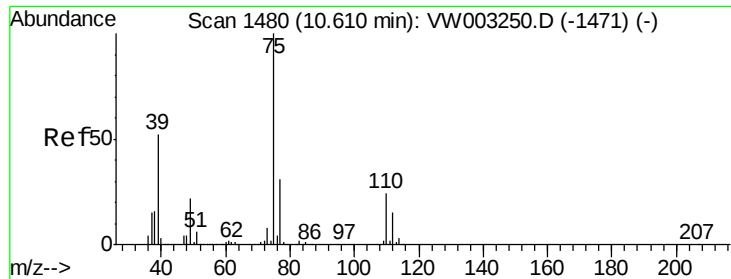
Tgt Ion: 92 Resp: 277499

Ion Ratio Lower Upper

92 100

91 175.2 141.1 211.7





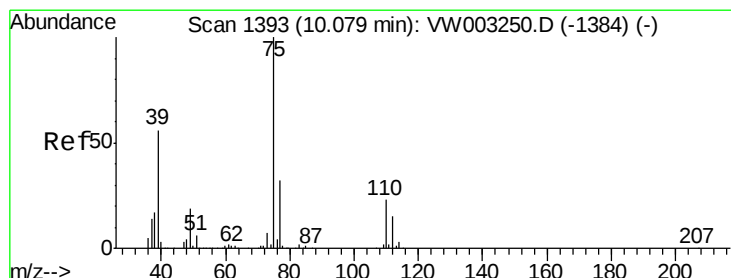
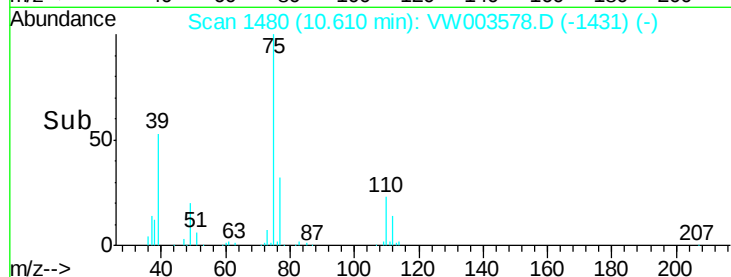
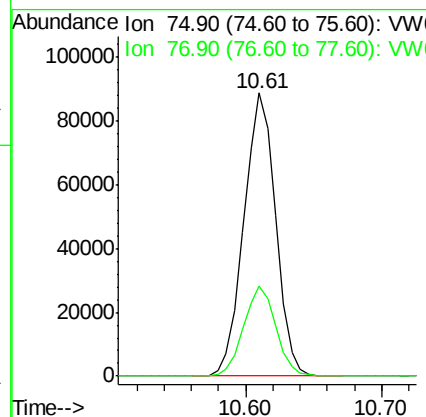
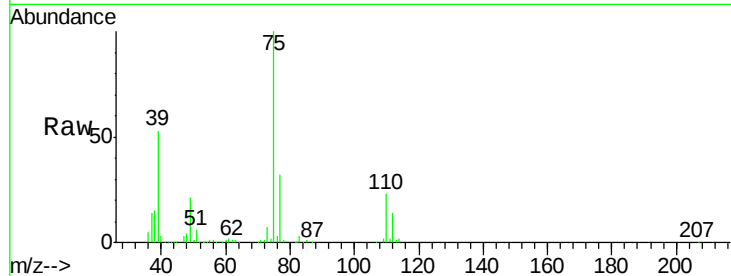
#53
t-1,3-Dichloropropene
Concen: 50.24 ug/l
RT: 10.61 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VW003578.D
Acq: 26 Jun 2018 18:56

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion: 75 Resp: 145190
Ion Ratio Lower Upper
75 100
77 31.8 24.9 37.3

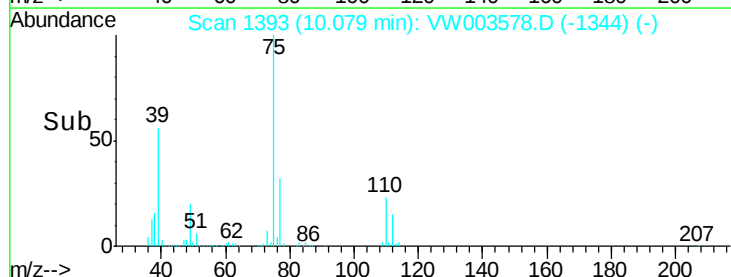
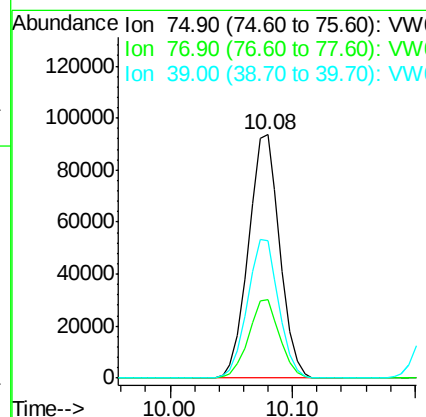
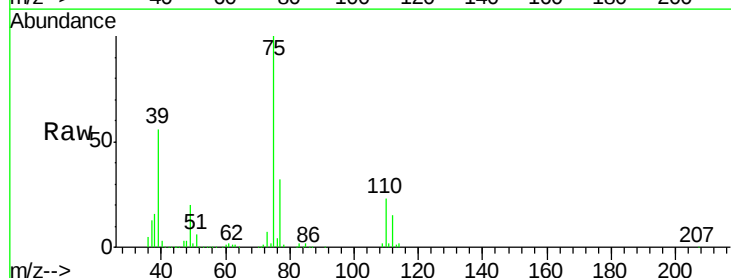
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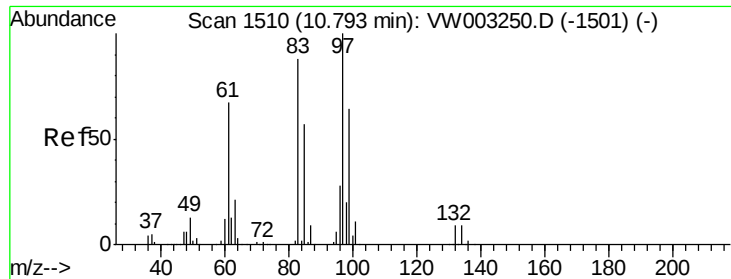
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#54
cis-1,3-Dichloropropene
Concen: 50.58 ug/l
RT: 10.08 min Scan# 1393
Delta R.T. 0.00 min
Lab File: VW003578.D
Acq: 26 Jun 2018 18:56

Tgt Ion: 75 Resp: 166385
Ion Ratio Lower Upper
75 100
77 32.3 25.8 38.6
39 56.2 45.2 67.8





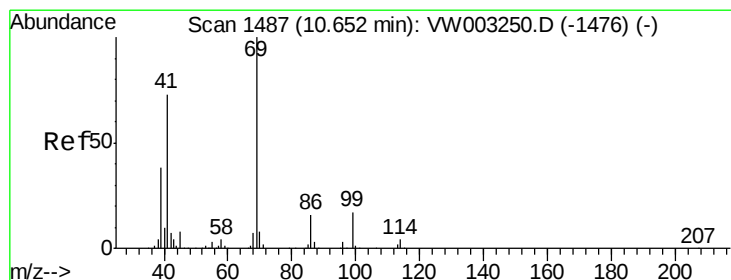
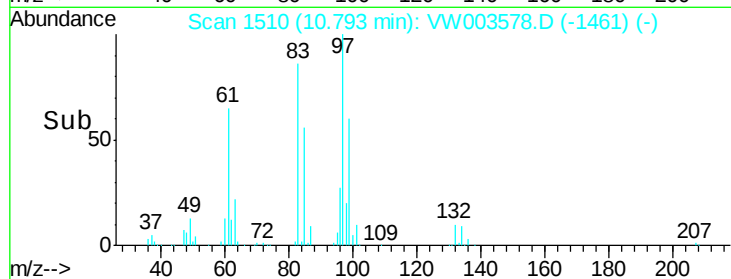
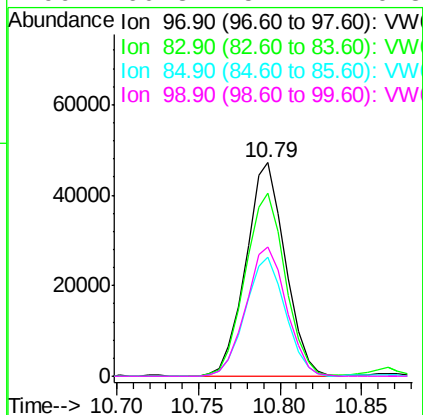
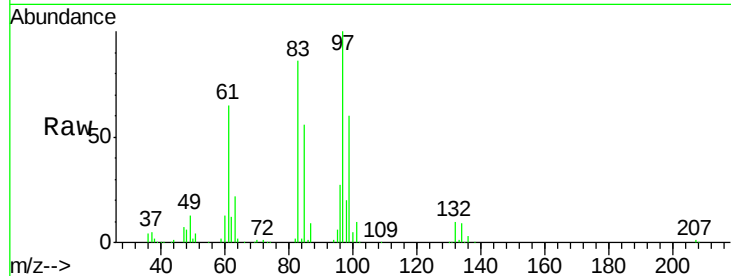
#55
 1,1,2-Trichloroethane
 Concen: 50.95 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW003578.D
 Acq: 26 Jun 2018 18:56

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
97	100		
83	85.6	70.2	105.2
85	55.9	45.6	68.4
99	60.3	51.2	76.8

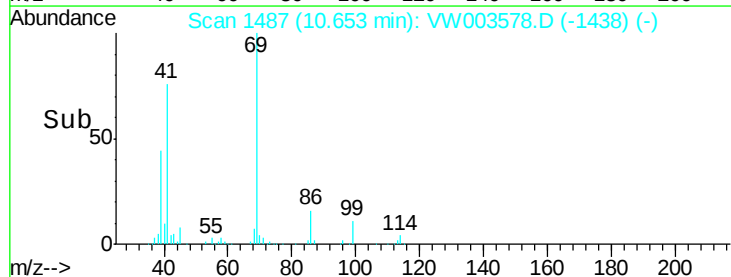
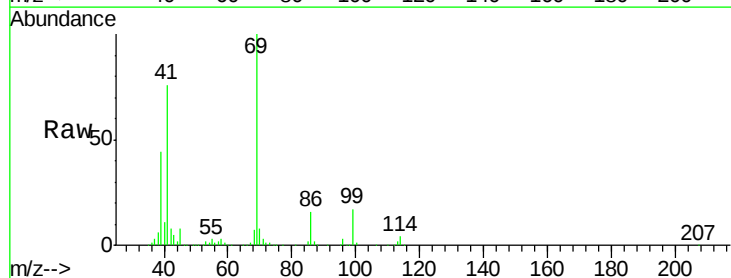
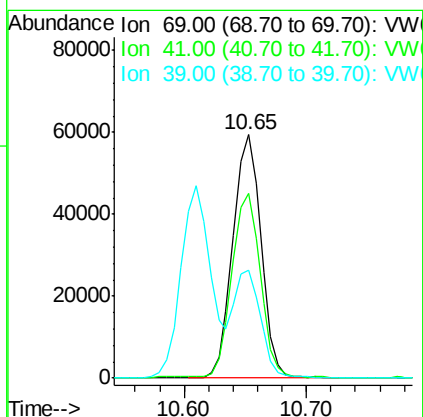
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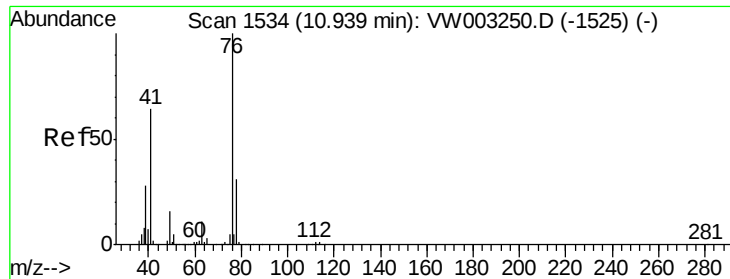
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#56
 Ethyl methacrylate
 Concen: 50.26 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW003578.D
 Acq: 26 Jun 2018 18:56

Tgt Ion	Ratio	Lower	Upper
69	100		
41	75.8	57.8	86.6
39	41.0	32.7	49.1





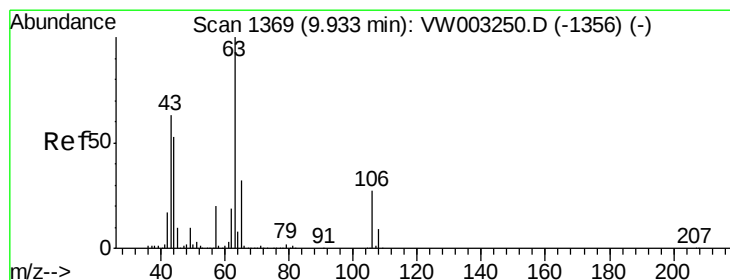
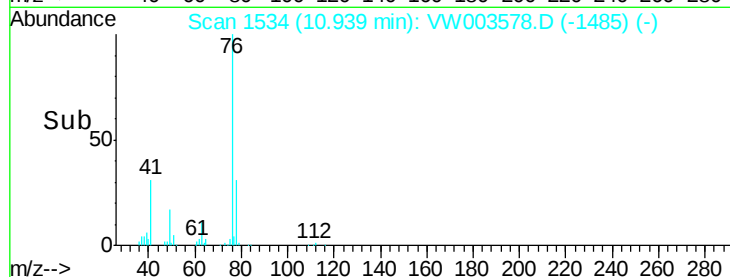
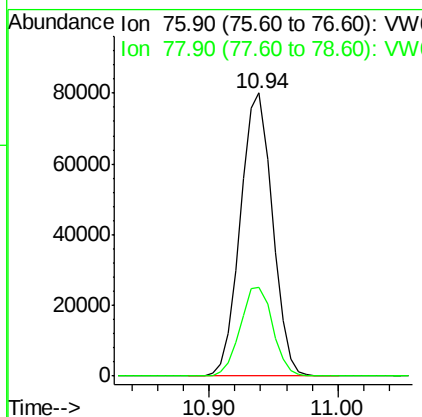
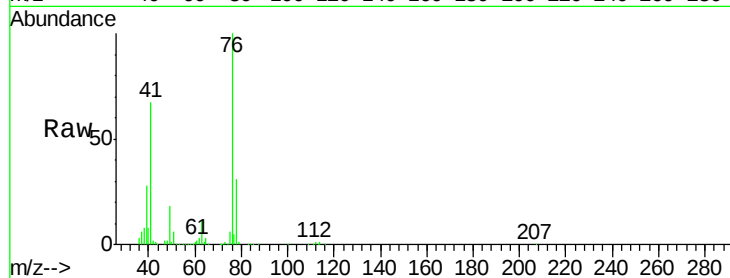
#57
 1,3-Dichloropropane
 Concen: 51.34 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VW003578.D
 Acq: 26 Jun 2018 18:56

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tot Ion: 76 Resp: 137724
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.7 38.5

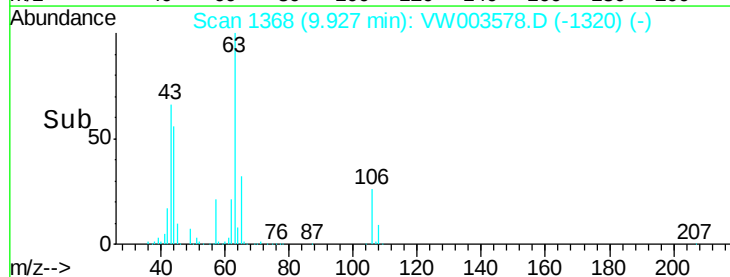
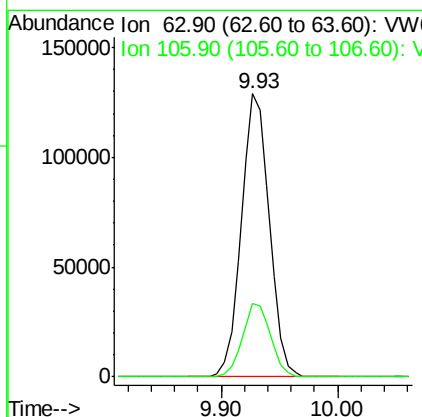
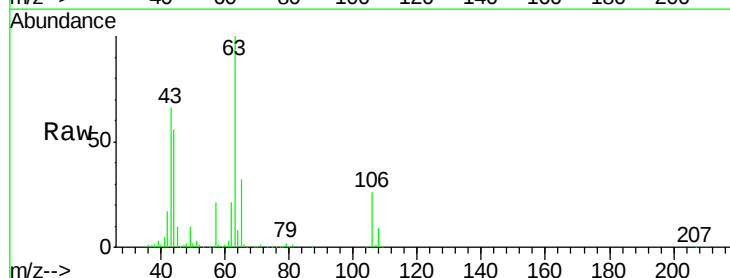
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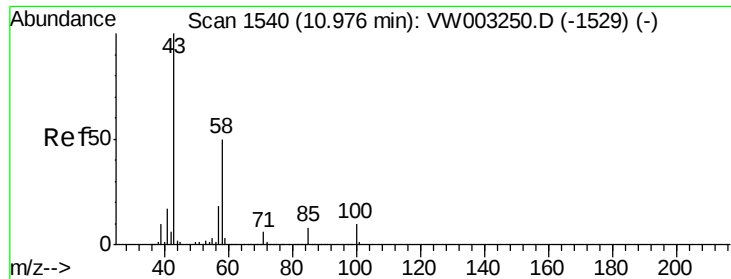
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#58
 2-Chloroethyl Vinyl ether
 Concen: 254.95 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: VW003578.D
 Acq: 26 Jun 2018 18:56

Tgt Ion: 63 Resp: 215853
 Ion Ratio Lower Upper
 63 100
 106 26.3 21.8 32.8





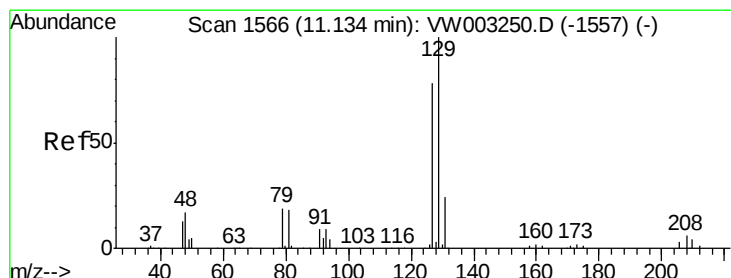
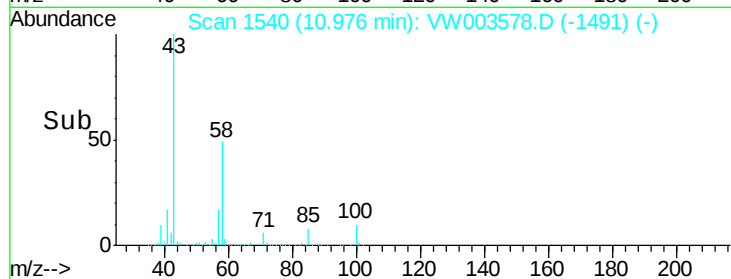
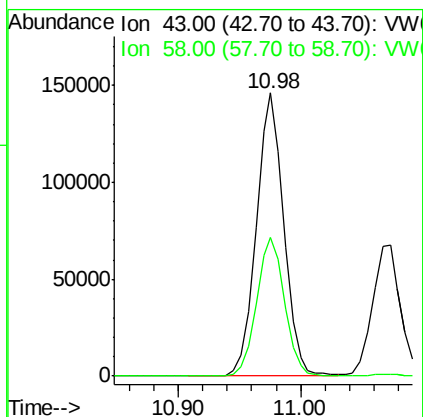
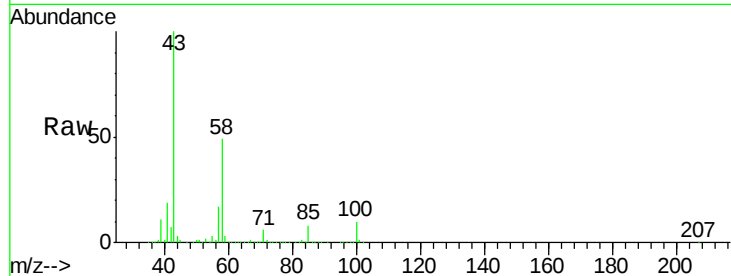
#59
2-Hexanone
Concen: 254.67 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW003578.D
Acq: 26 Jun 2018 18:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 229071
Ion Ratio Lower Upper
43 100
58 50.0 25.0 75.0

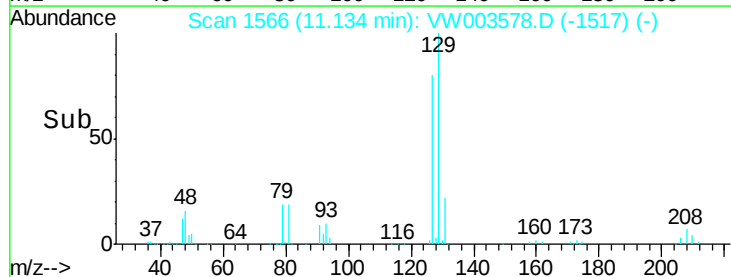
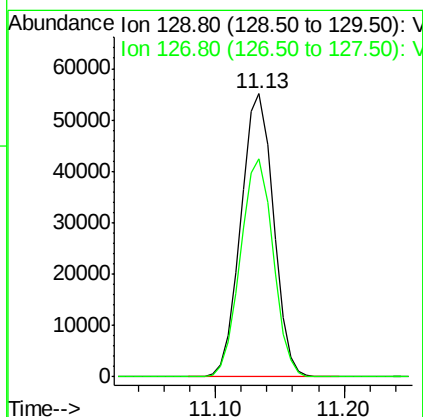
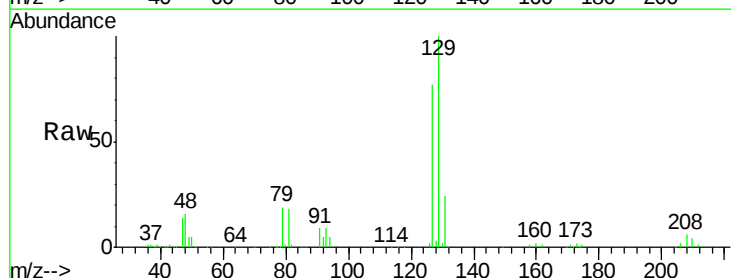
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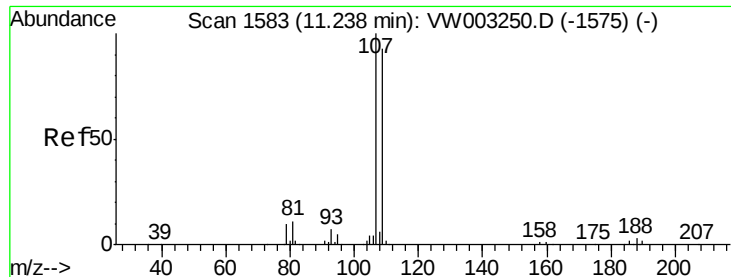
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#60
Dibromochloromethane
Concen: 52.14 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW003578.D
Acq: 26 Jun 2018 18:56

Tgt Ion: 129 Resp: 96436
Ion Ratio Lower Upper
129 100
127 77.2 39.1 117.5





#61

1,2-Dibromoethane

Concen: 50.11 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VW003578.D

Acq: 26 Jun 2018 18:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 73725

Ion Ratio Lower Upper

107 100

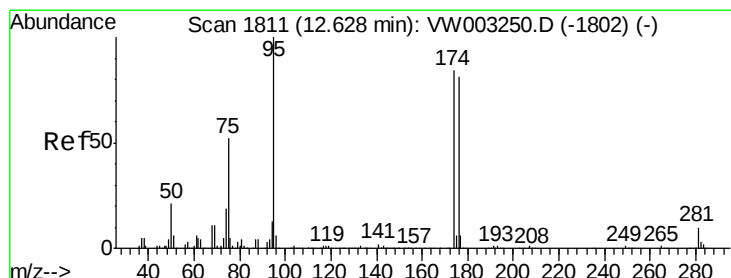
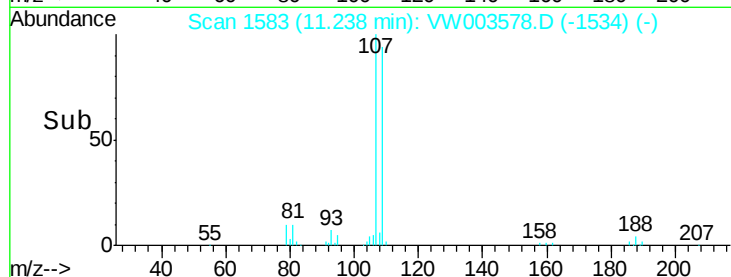
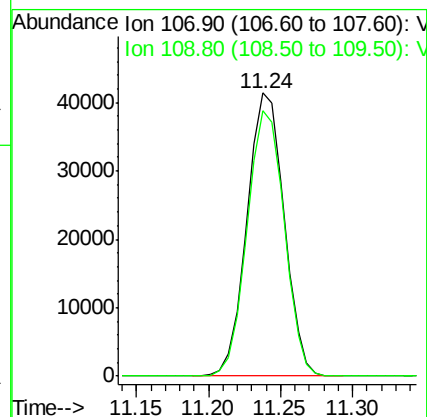
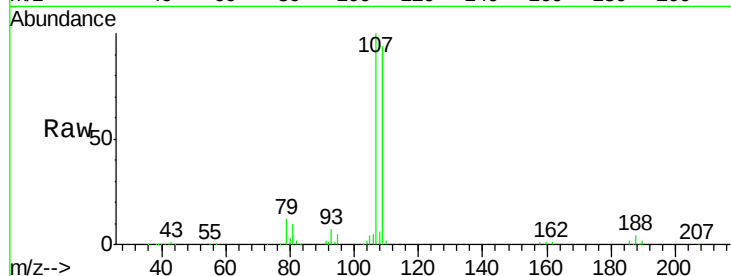
109 93.9 75.8 113.6

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#62

4-Bromofluorobenzene

Concen: 56.25 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW003578.D

Acq: 26 Jun 2018 18:56

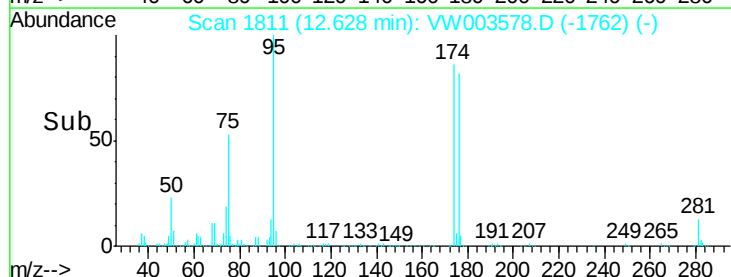
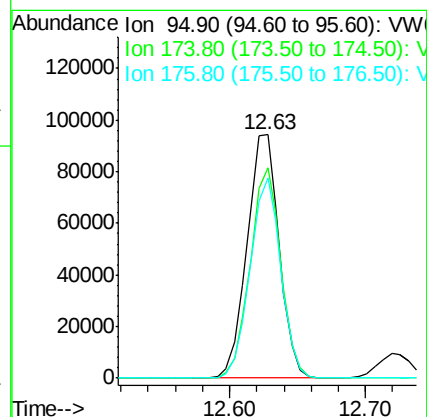
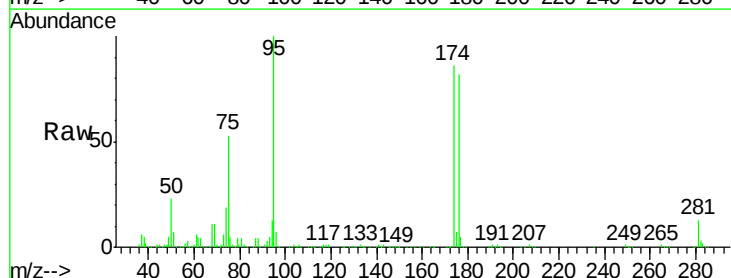
Tgt Ion: 95 Resp: 156010

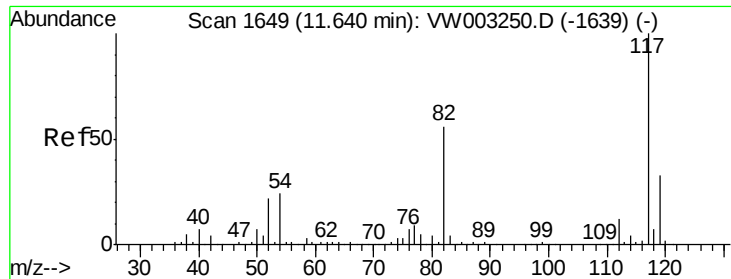
Ion Ratio Lower Upper

95 100

174 82.7 0.0 166.4

176 79.0 0.0 162.0





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.63 min Scan# 1648

Delta R.T. -0.01 min

Lab File: VW003578.D

Acq: 26 Jun 2018 18:56

Instrument :

MSVOA_W

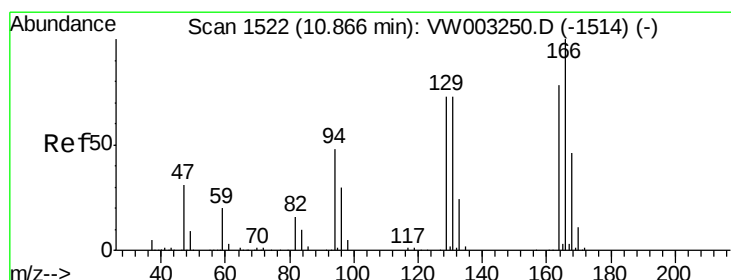
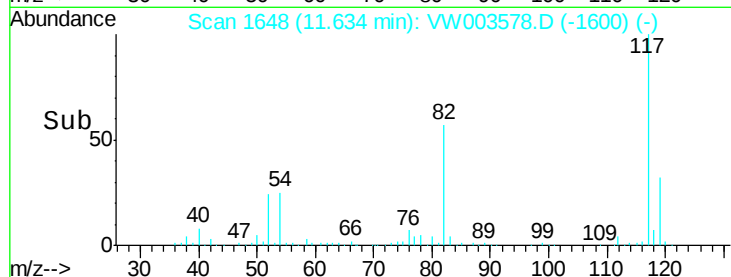
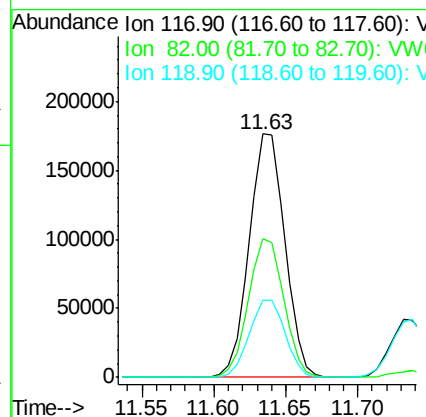
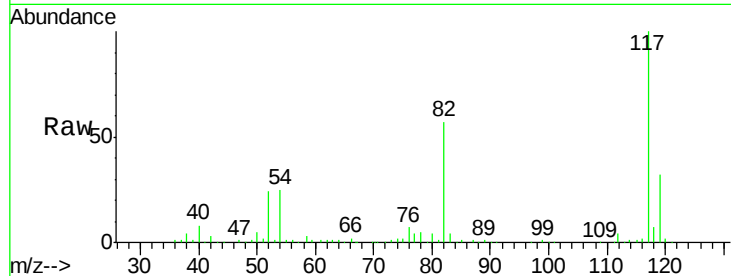
ClientSampleId :

VSTDCCC050

Tot Ion:	117	Resp:	300897
Ion Ratio	Lower	Upper	
117	100		
82	57.0	44.6	67.0
119	31.9	26.7	40.1

Manual Integrations
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#64

Tetrachloroethene

Concen: 48.51 ug/l

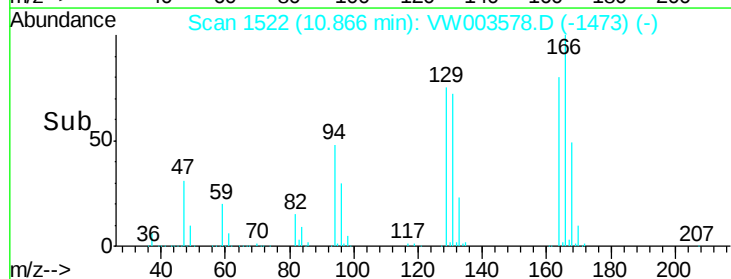
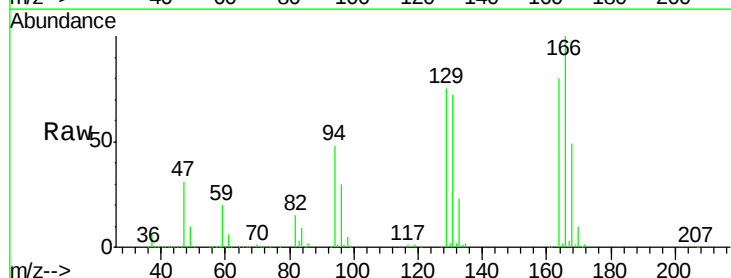
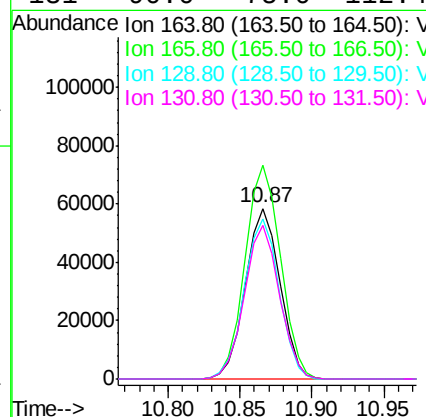
RT: 10.87 min Scan# 1522

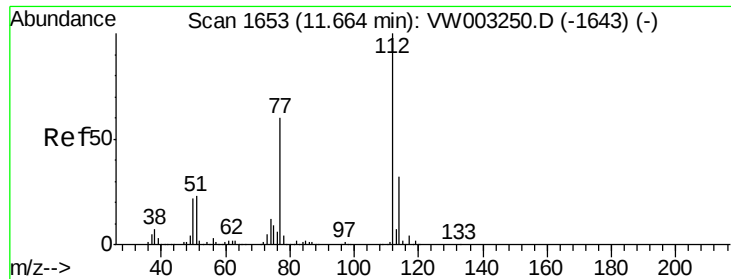
Delta R.T. 0.00 min

Lab File: VW003578.D

Acq: 26 Jun 2018 18:56

Tgt Ion:	164	Resp:	97625
Ion Ratio	Lower	Upper	
164	100		
166	125.1	102.6	154.0
129	93.6	75.2	112.8
131	90.0	75.0	112.4





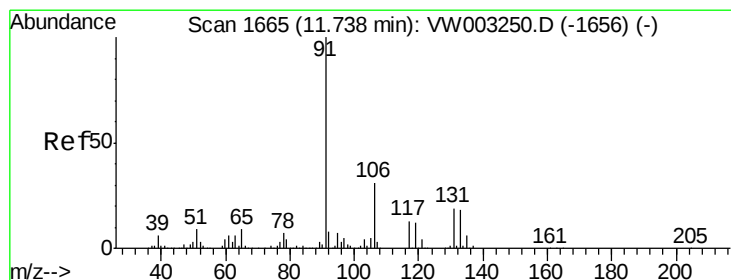
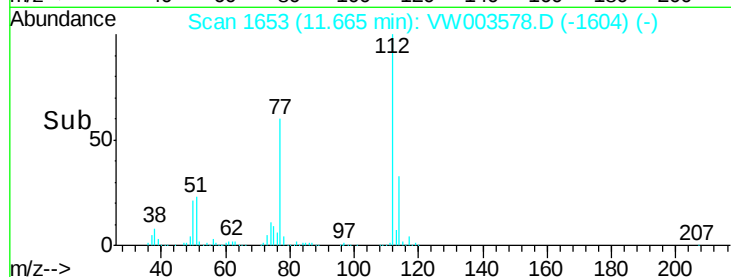
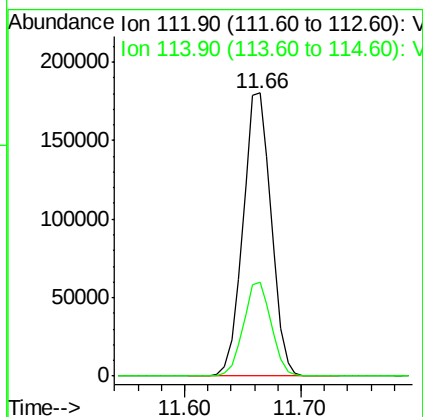
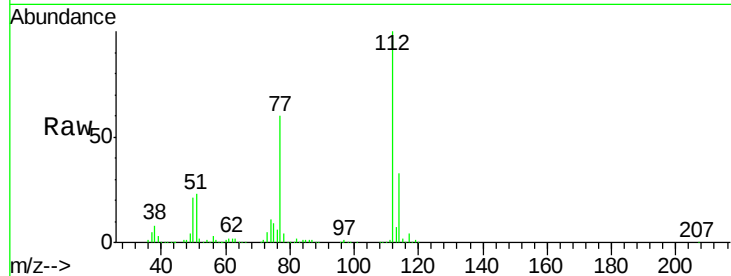
#65
Chlorobenzene
Concen: 48.62 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VW003578.D
Acq: 26 Jun 2018 18:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.4	25.9	38.9

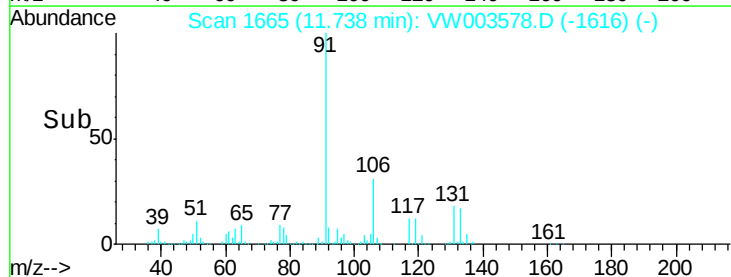
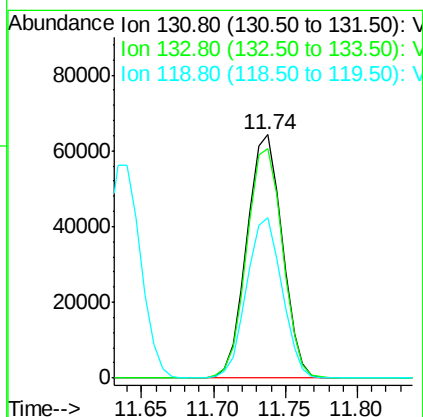
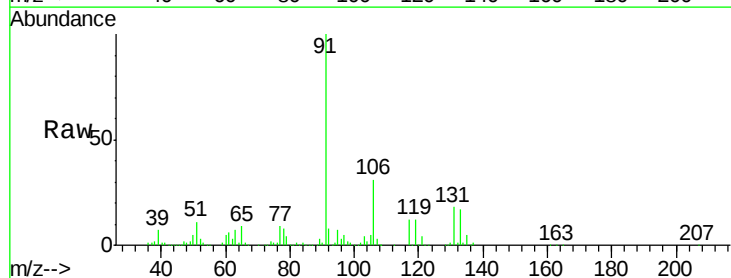
Manual Integrations
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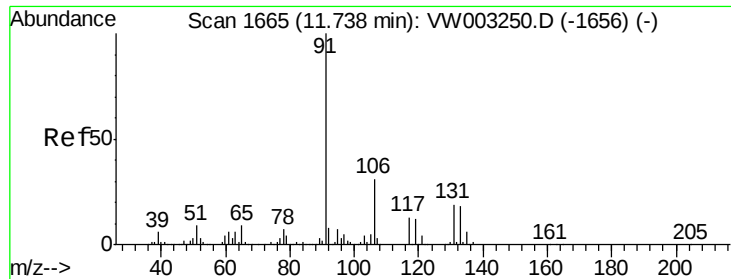
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.63 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003578.D
Acq: 26 Jun 2018 18:56

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.5	47.3	142.0
119	65.7	32.5	97.4





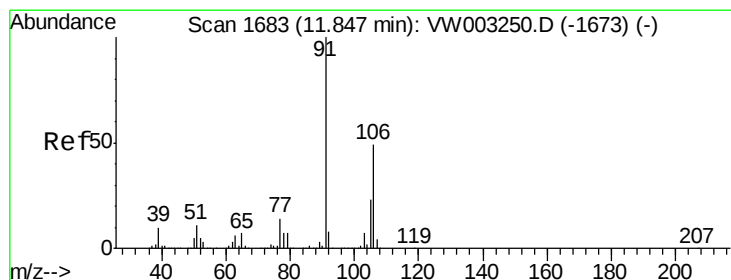
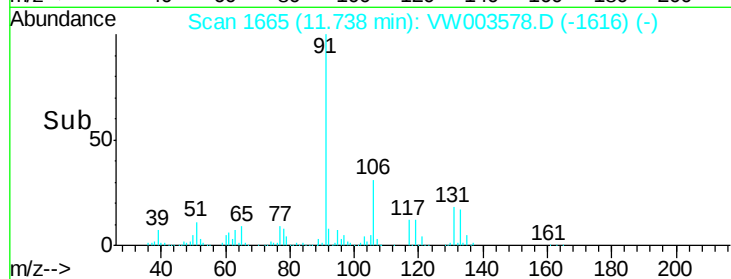
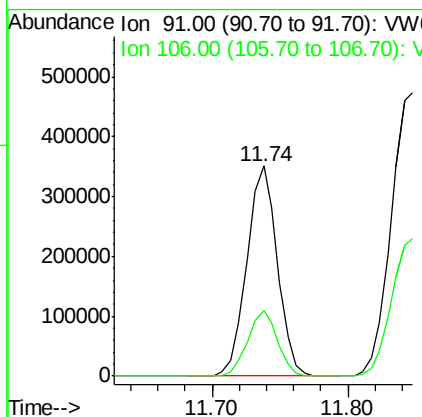
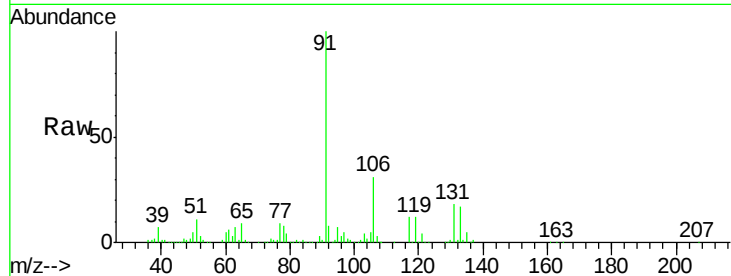
#67
Ethyl Benzene
Concen: 49.62 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003578.D
Acq: 26 Jun 2018 18:56

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 551139
Ion Ratio Lower Upper
91 100
106 31.1 24.7 37.1

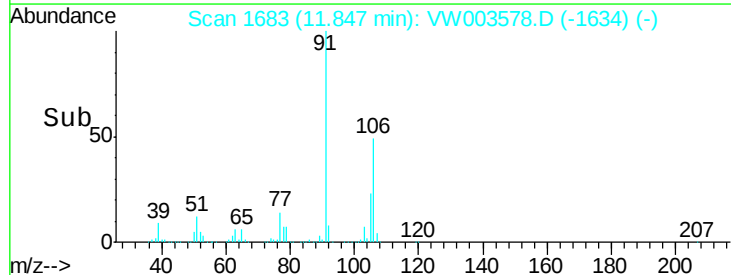
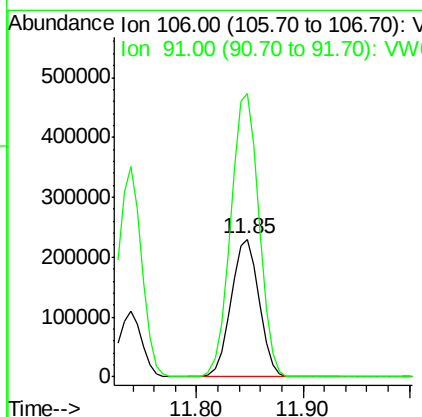
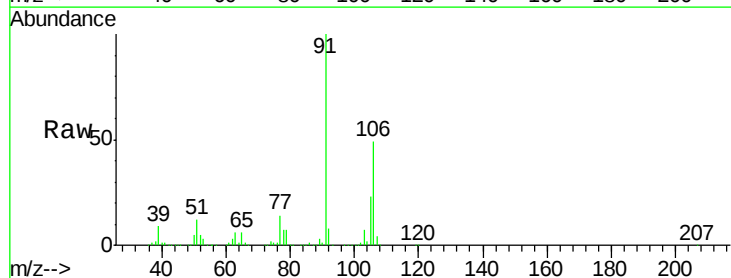
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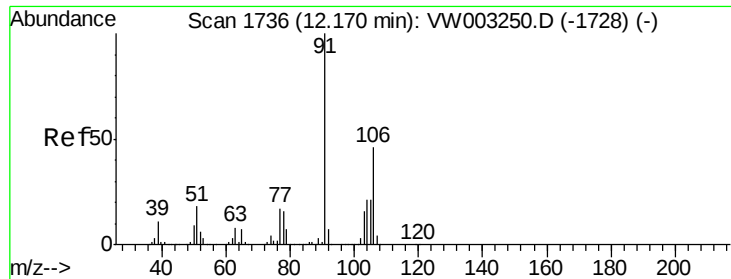
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6/27/2018 11:46:48 AM



#68
m/p-Xylenes
Concen: 100.86 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW003578.D
Acq: 26 Jun 2018 18:56

Tgt Ion: 106 Resp: 425840
Ion Ratio Lower Upper
106 100
91 206.8 165.4 248.0





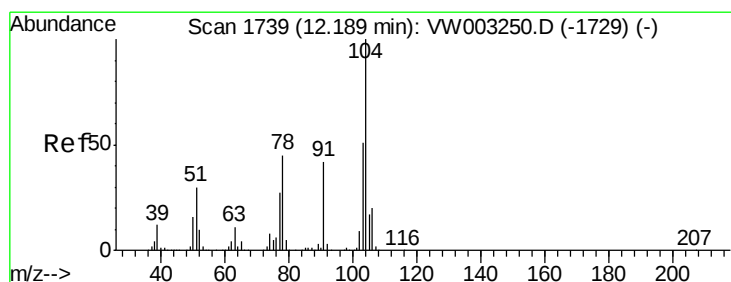
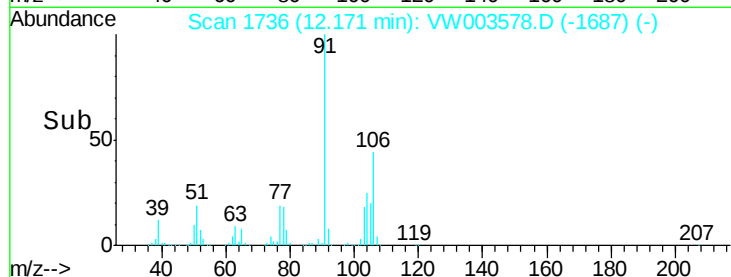
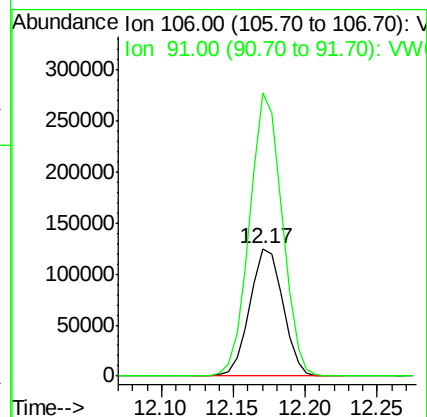
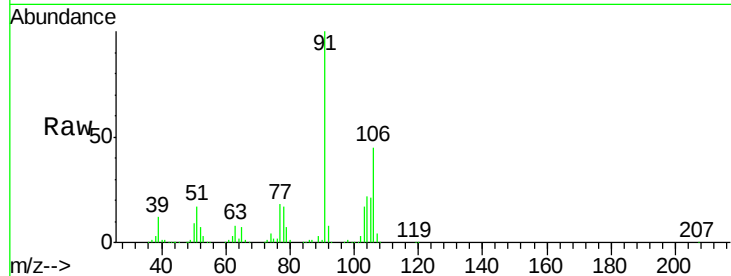
#69
o-Xylene
Concen: 50.79 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003578.D
Acq: 26 Jun 2018 18:56

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	218.2	108.6	325.6

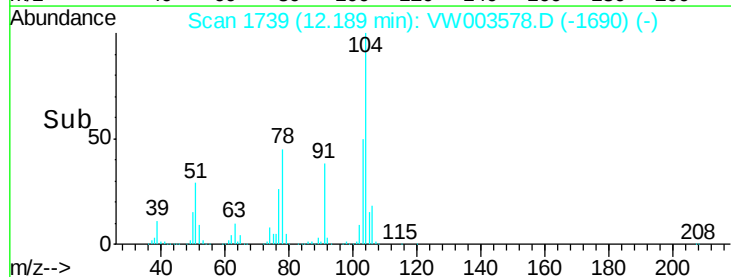
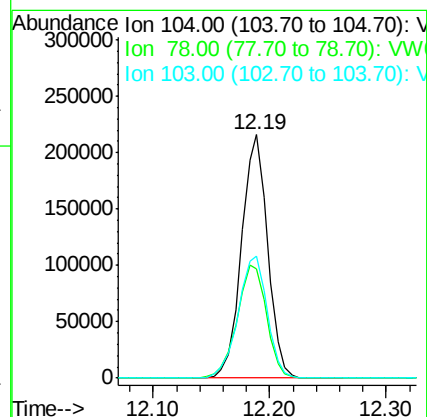
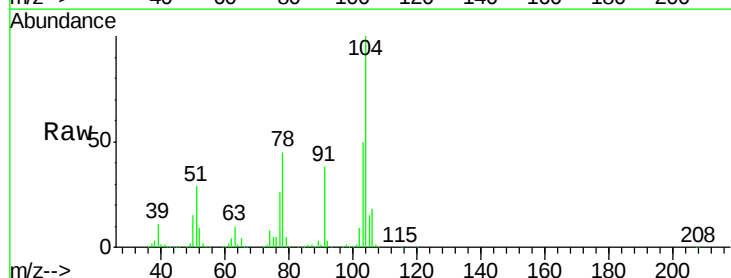
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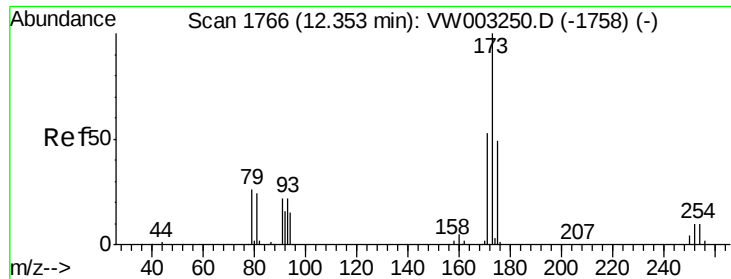
apatel
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#70
Styrene
Concen: 51.92 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW003578.D
Acq: 26 Jun 2018 18:56

Tgt Ion	Ratio	Lower	Upper
104	100		
78	52.2	41.3	61.9
103	55.5	45.0	67.4





#71

Bromoform

Concen: 47.92 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW003578.D

Acq: 26 Jun 2018 18:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 54682

Ion Ratio Lower Upper

173 100

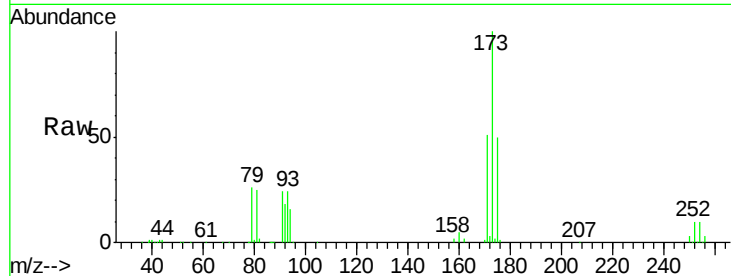
175 49.4 24.4 73.4

254 0.1 0.1 0.1#

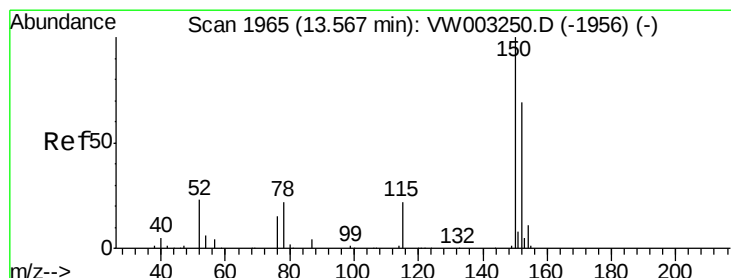
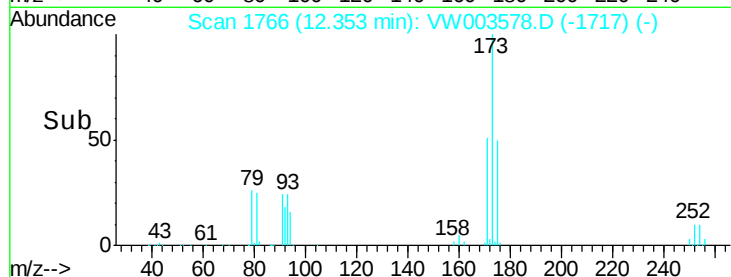
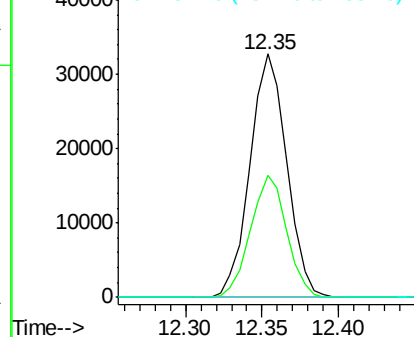
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW003578.D

Acq: 26 Jun 2018 18:56

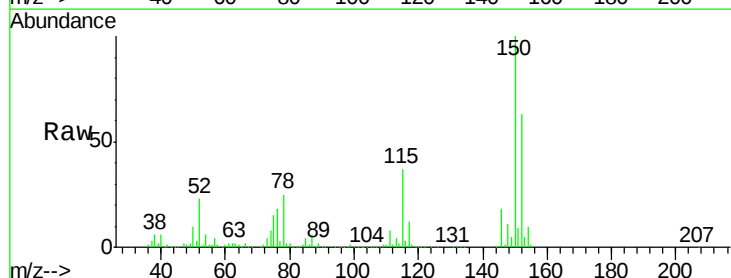
Tgt Ion:152 Resp: 164286

Ion Ratio Lower Upper

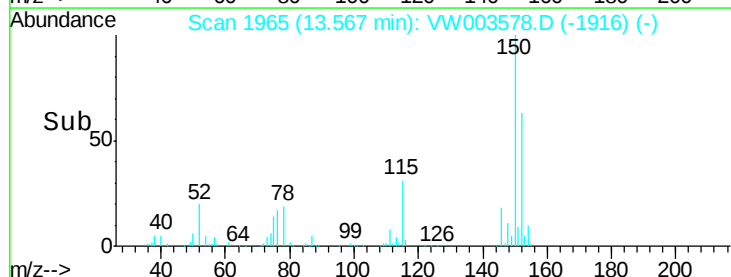
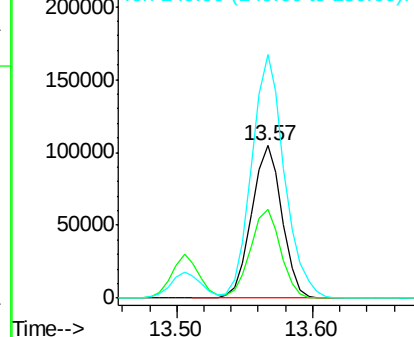
152 100

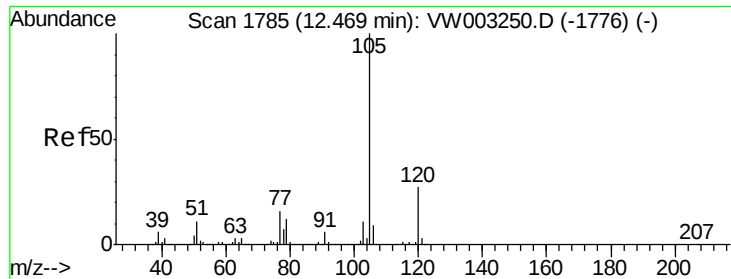
115 58.0 29.3 88.0

150 172.0 0.0 349.6



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





#73

Isopropylbenzene

Concen: 48.91 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW003578.D

Acq: 26 Jun 2018 18:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 558844

Ion Ratio Lower Upper

105 100

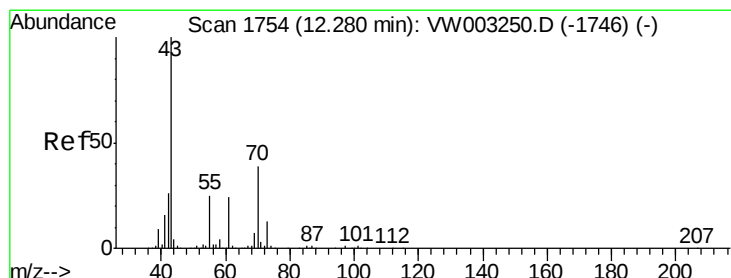
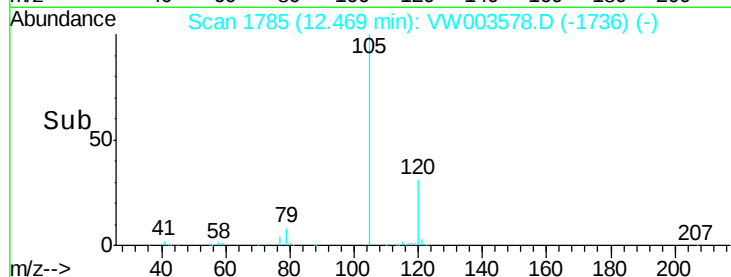
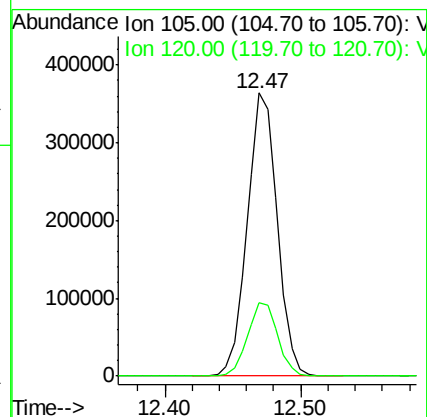
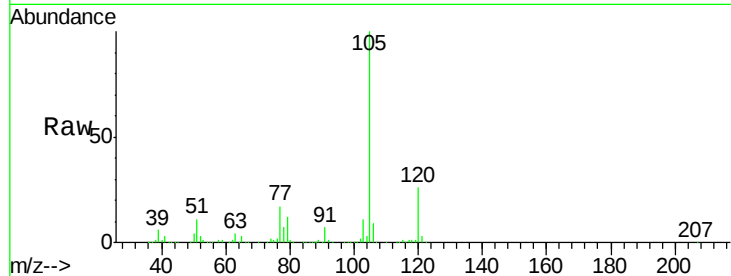
120 26.1 13.2 39.6

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#74

N-ethyl acetate

Concen: 47.66 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW003578.D

Acq: 26 Jun 2018 18:56

Tgt Ion: 43 Resp: 123960

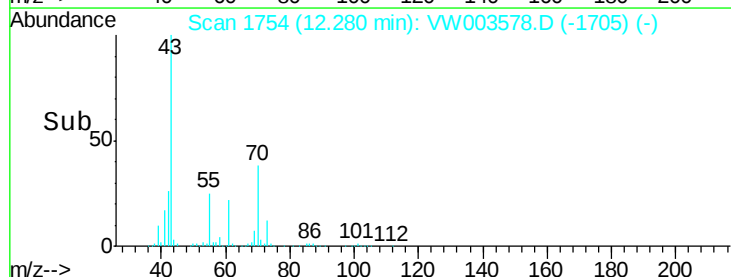
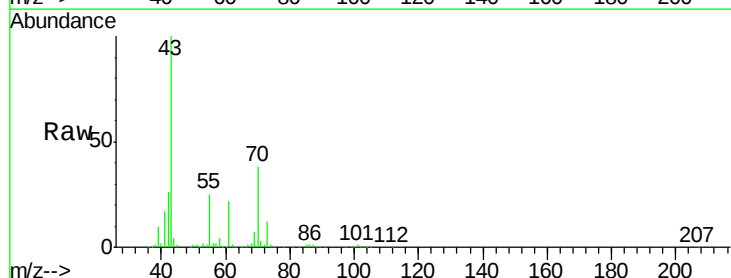
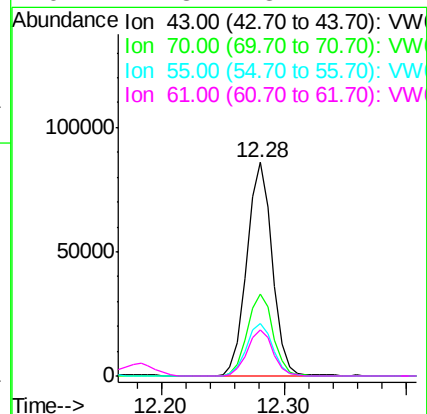
Ion Ratio Lower Upper

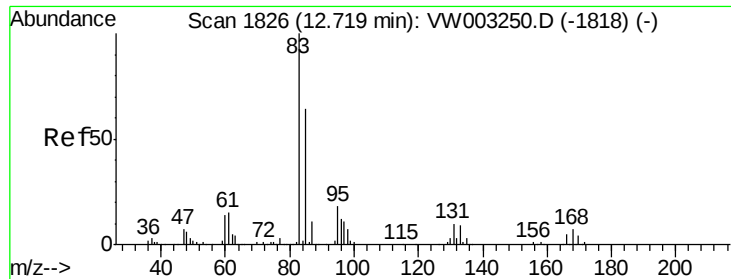
43 100

70 38.7 31.0 46.6

55 25.8 19.7 29.5

61 22.3 18.1 27.1





#75

1,1,2,2-Tetrachloroethane

Concen: 48.68 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW003578.D

Acq: 26 Jun 2018 18:56

Instrument :

MSVOA_W

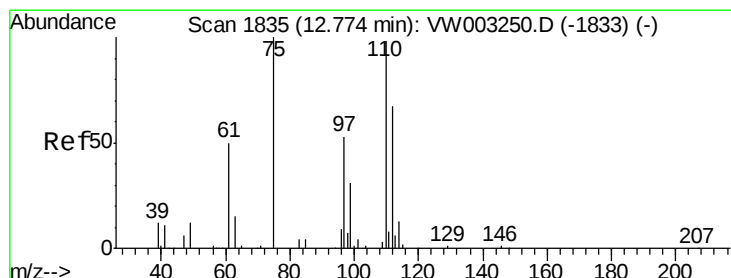
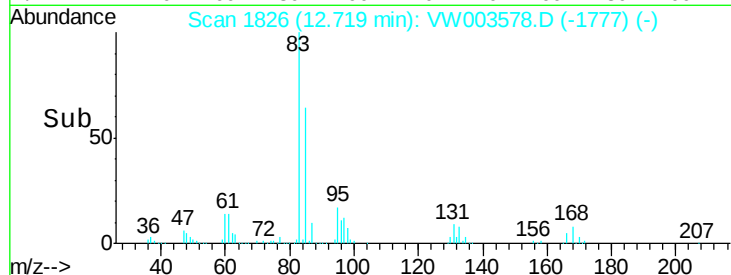
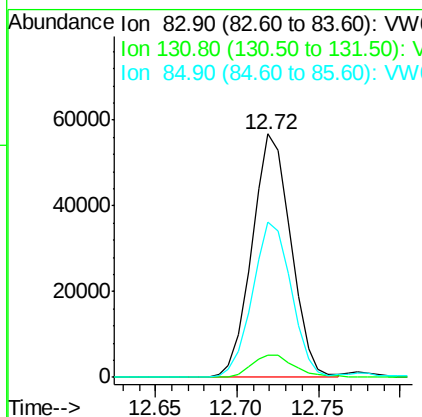
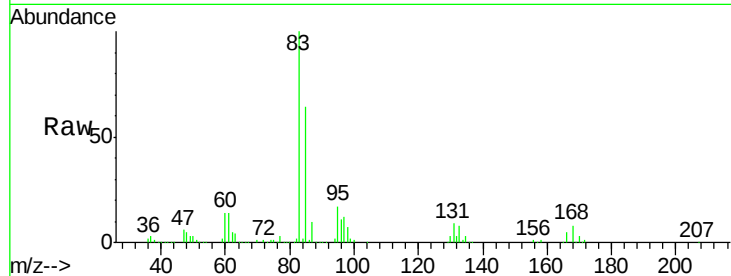
ClientSampled :

VSTDCCC050

Tot Ion:	83	Resp:	94103
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.4	16.2
85	64.0	31.9	95.7

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#76

1,2,3-Trichloropropane

Concen: 46.51 ug/l m

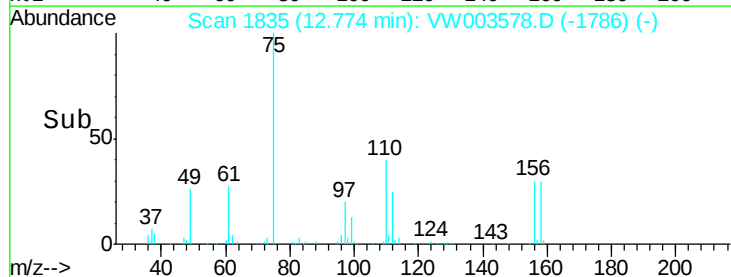
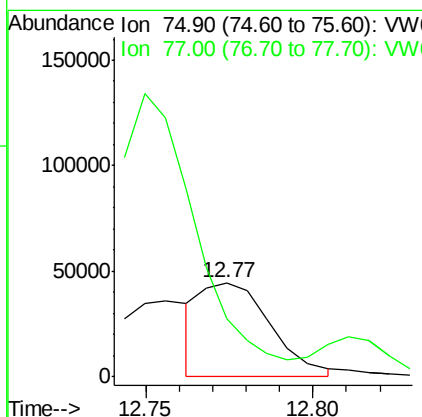
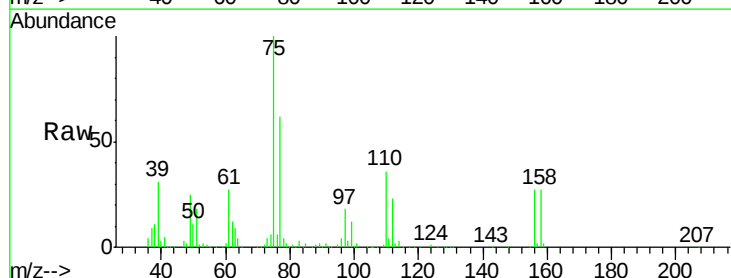
RT: 12.77 min Scan# 1835

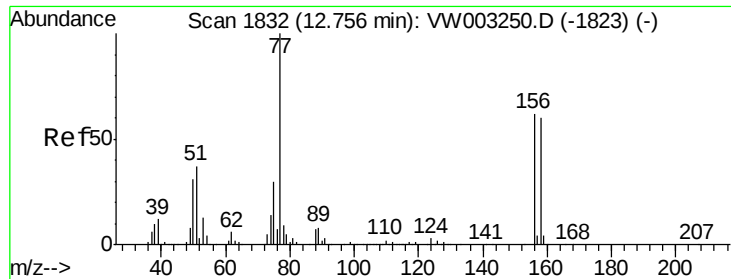
Delta R.T. 0.00 min

Lab File: VW003578.D

Acq: 26 Jun 2018 18:56

Tgt Ion:	75	Resp:	65327
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 48.36 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VW003578.D

Acq: 26 Jun 2018 18:56

Instrument :

MSVOA_W

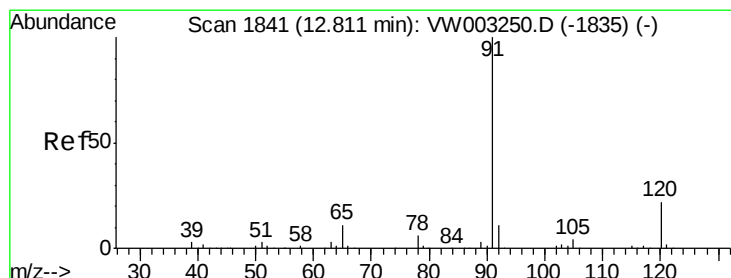
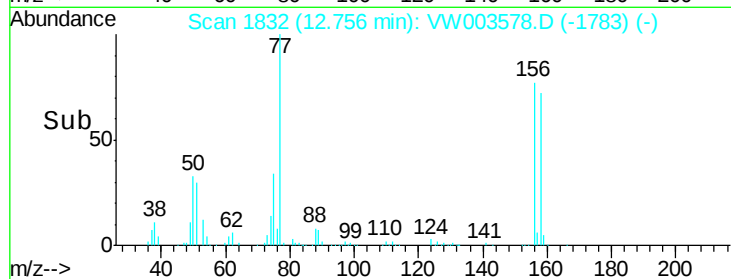
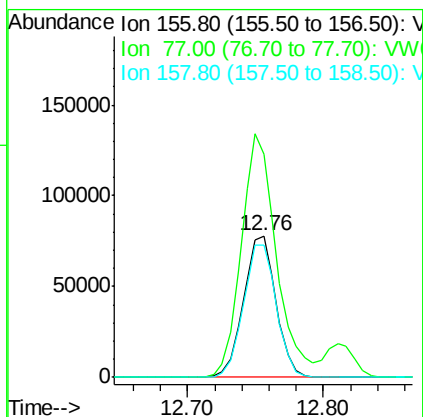
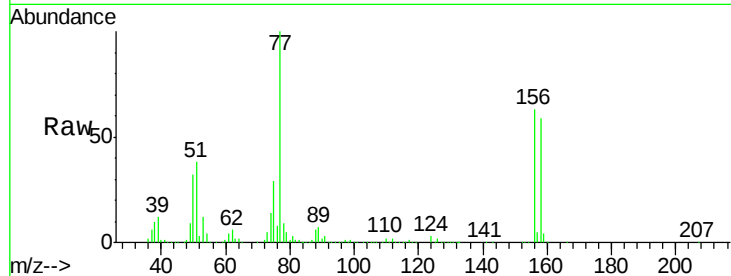
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	186.9	92.3	276.9
158	95.9	47.5	142.6

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#78

n-propylbenzene

Concen: 50.02 ug/l

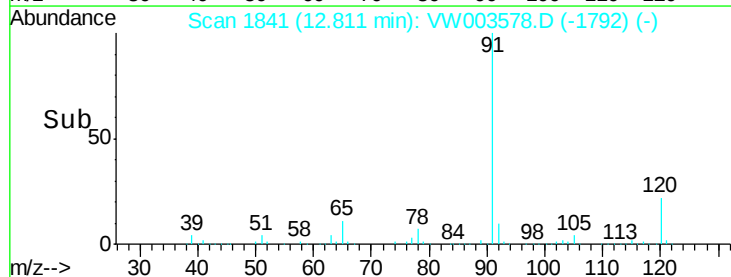
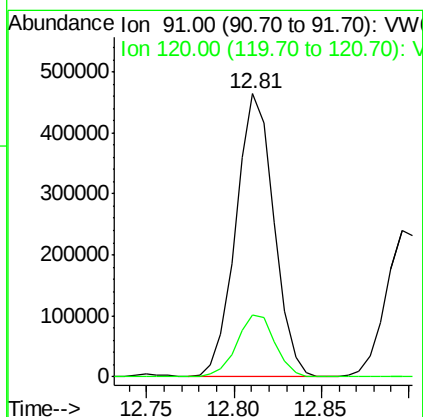
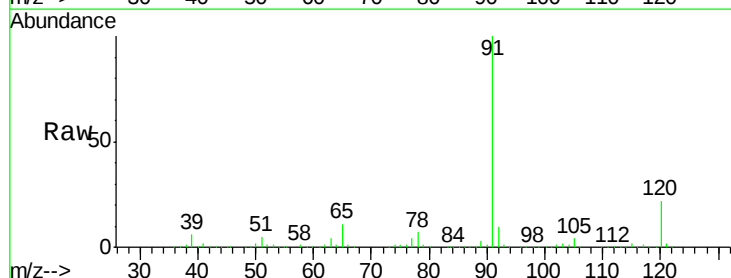
RT: 12.81 min Scan# 1841

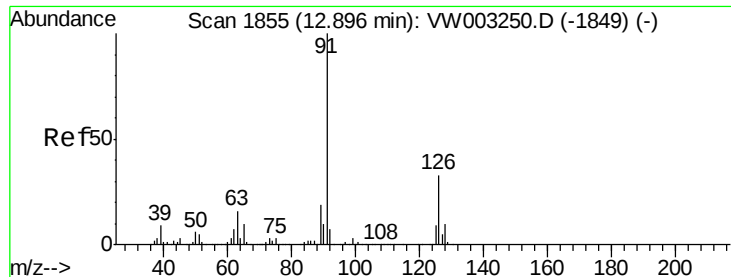
Delta R.T. 0.00 min

Lab File: VW003578.D

Acq: 26 Jun 2018 18:56

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.3	11.3	33.8





#79

2-Chlorotoluene

Concen: 49.46 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW003578.D

Acq: 26 Jun 2018 18:56

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 391073

Ion Ratio Lower Upper

91 100

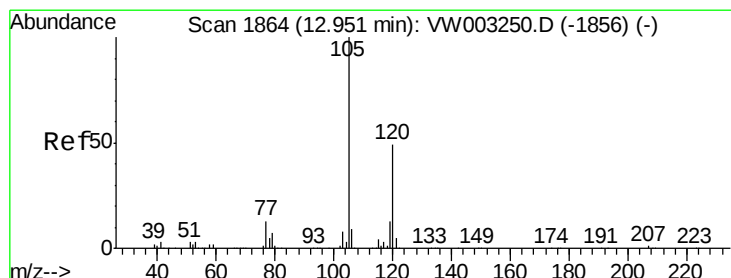
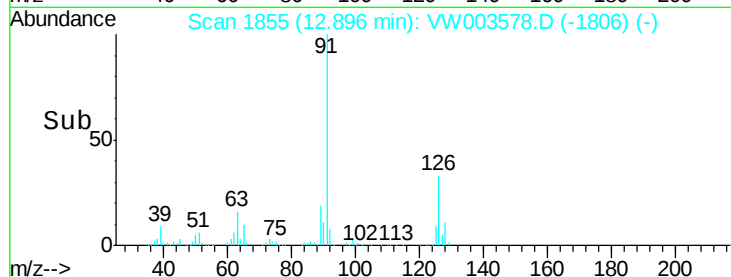
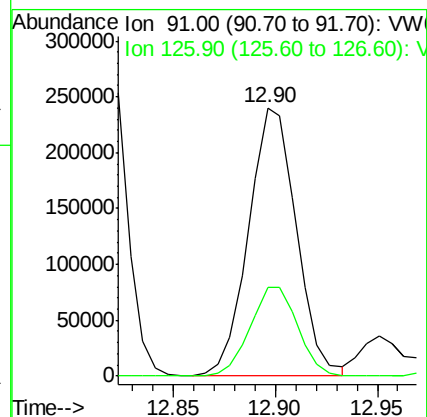
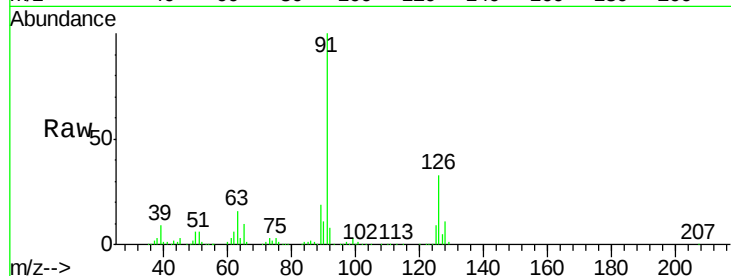
126 33.2 16.8 50.4

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#80

1,3,5-Trimethylbenzene

Concen: 50.02 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW003578.D

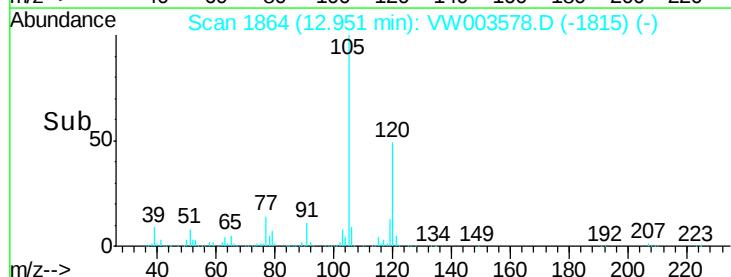
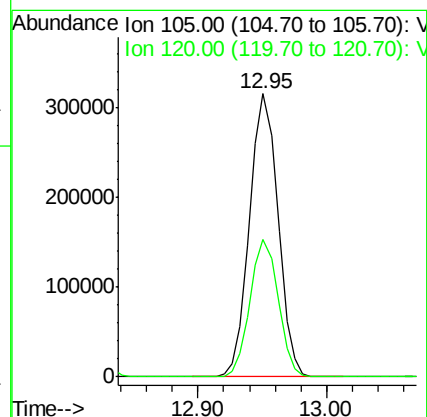
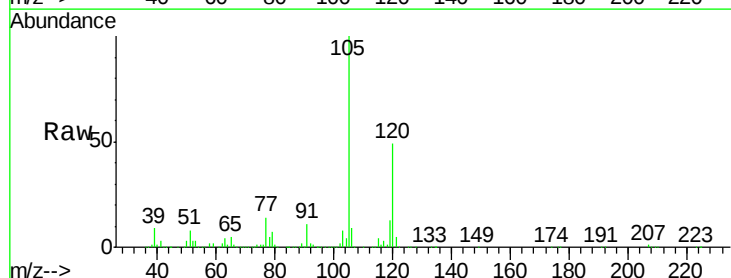
Acq: 26 Jun 2018 18:56

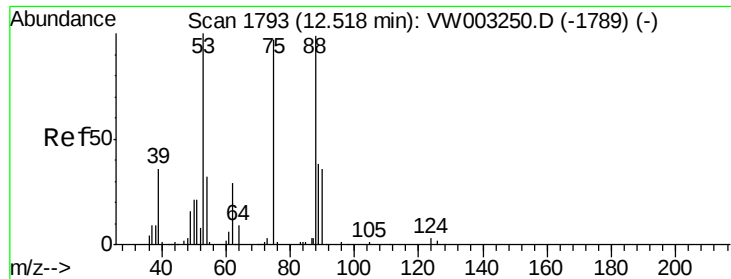
Tgt Ion: 105 Resp: 479741

Ion Ratio Lower Upper

105 100

120 48.3 24.3 72.9





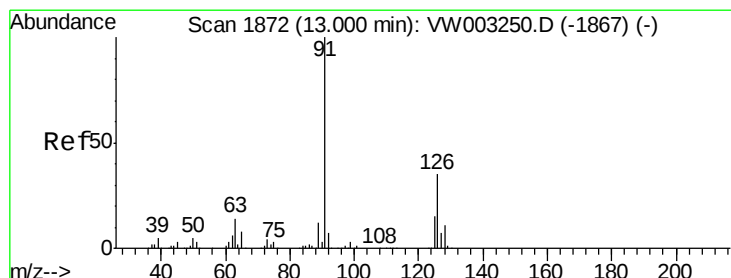
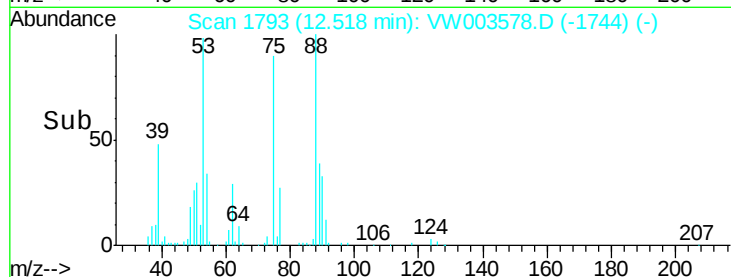
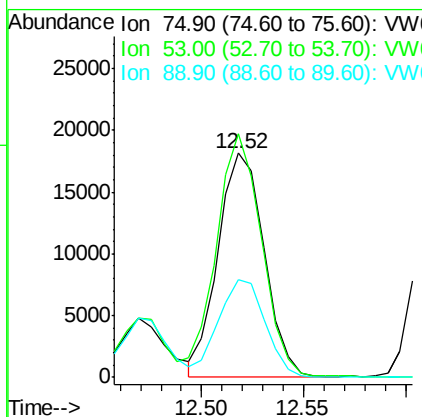
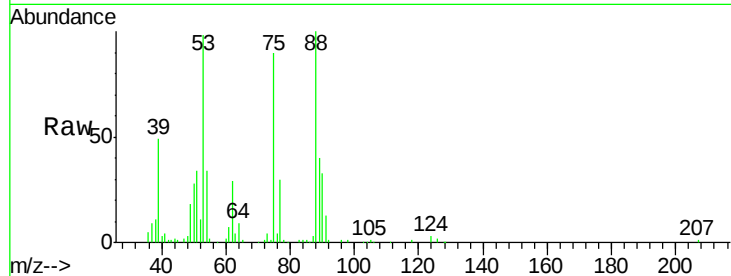
#81
trans-1,4-Dichloro-2-butene
Concen: 46.78 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VW003578.D
Acq: 26 Jun 2018 18:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	107.3	82.9	124.3
89	44.4	36.7	55.1

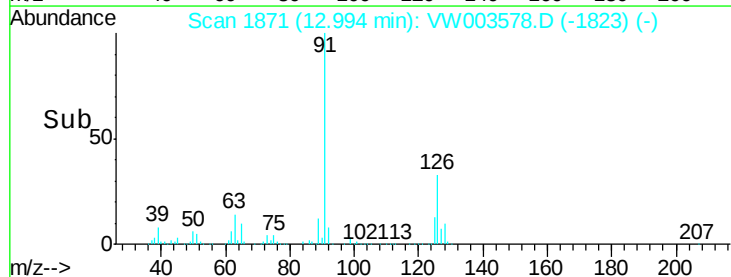
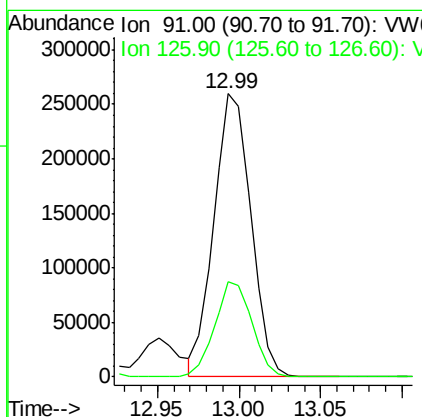
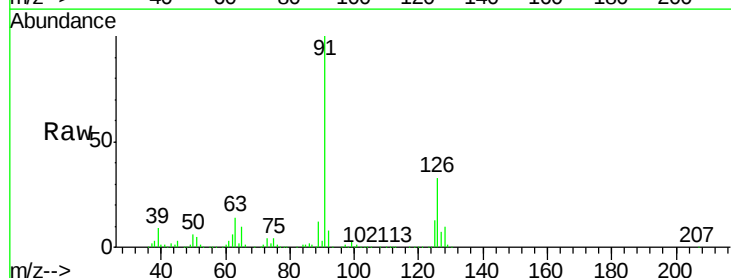
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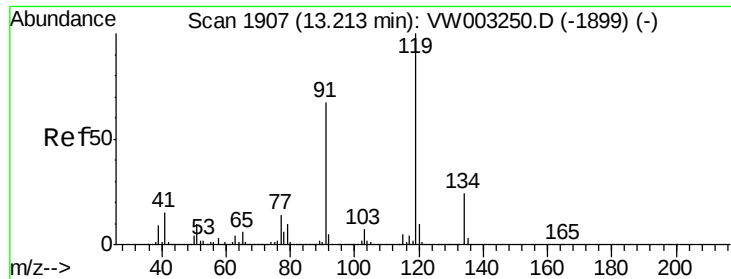
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#82
4-Chlorotoluene
Concen: 48.95 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. -0.01 min
Lab File: VW003578.D
Acq: 26 Jun 2018 18:56

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.8	16.8	50.3





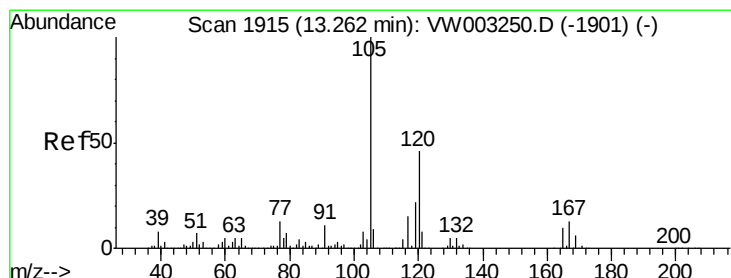
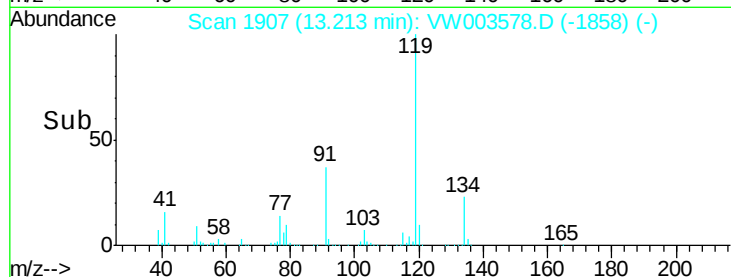
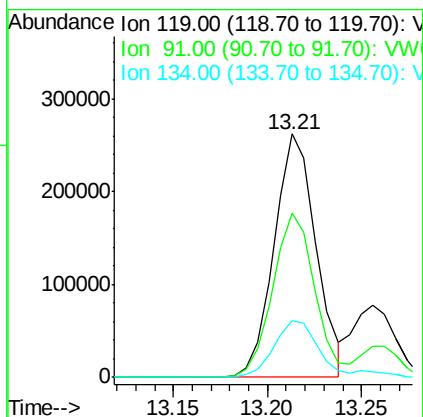
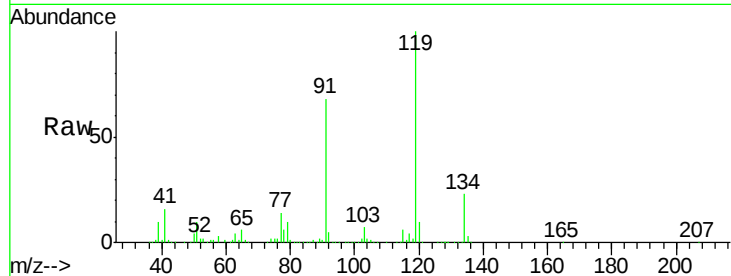
#83
tert-Butylbenzene
Concen: 49.43 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. 0.00 min
Lab File: VW003578.D
Acq: 26 Jun 2018 18:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	68.3	33.9	101.7
134	24.3	13.4	40.1

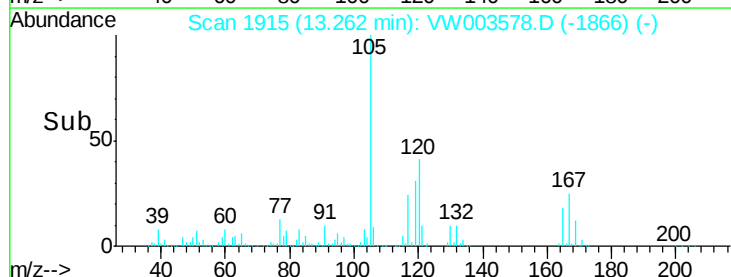
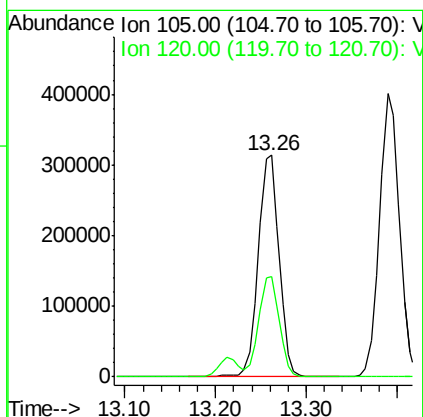
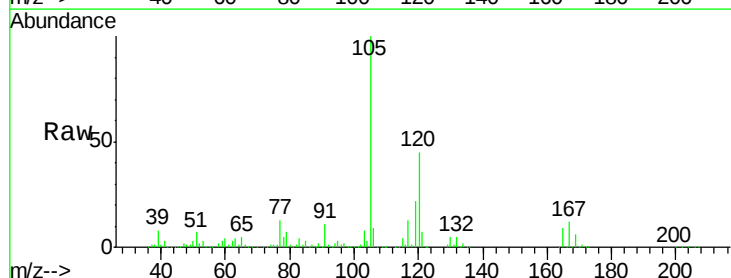
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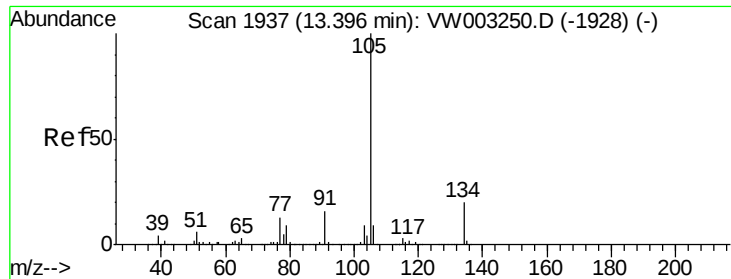
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#84
1,2,4-Trimethylbenzene
Concen: 50.36 ug/l
RT: 13.26 min Scan# 1915
Delta R.T. 0.00 min
Lab File: VW003578.D
Acq: 26 Jun 2018 18:56

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.6	22.5	67.5





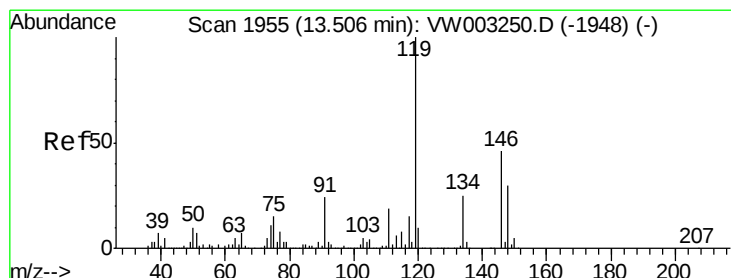
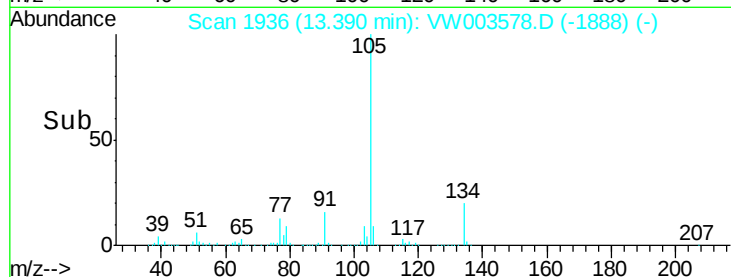
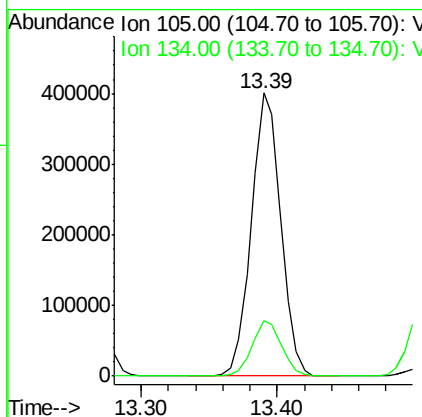
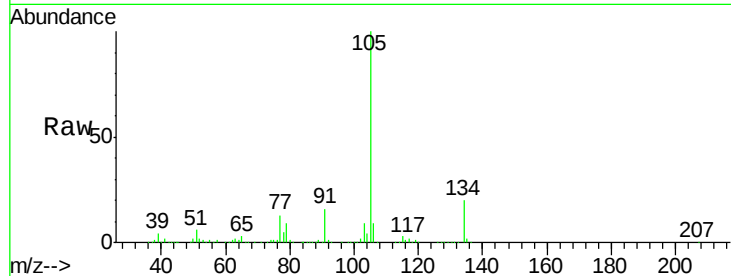
#85
 sec-Butylbenzene
 Concen: 49.98 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: VW003578.D
 Acq: 26 Jun 2018 18:56

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.6	9.8	29.5

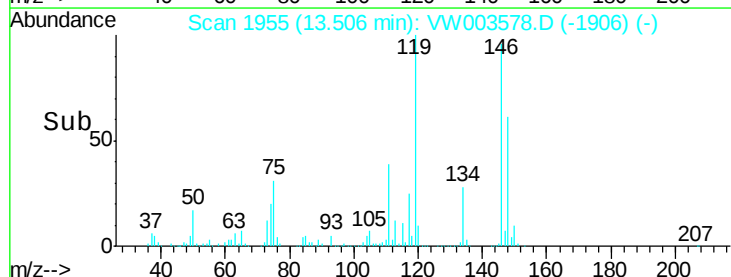
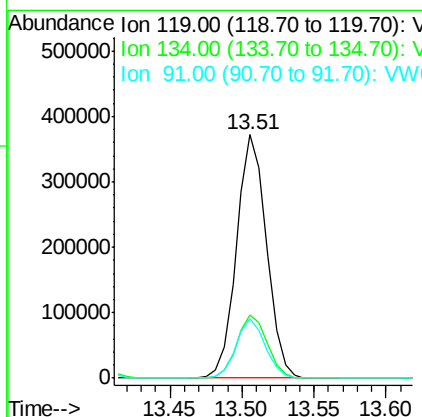
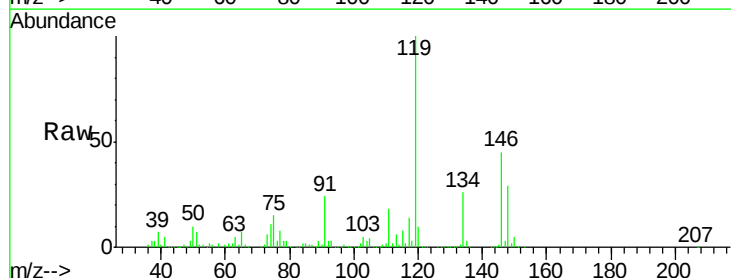
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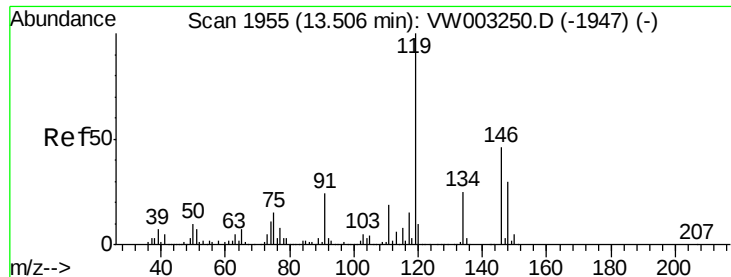
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#86
 p-Isopropyltoluene
 Concen: 50.08 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003578.D
 Acq: 26 Jun 2018 18:56

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.2	12.9	38.7
91	23.9	11.8	35.3





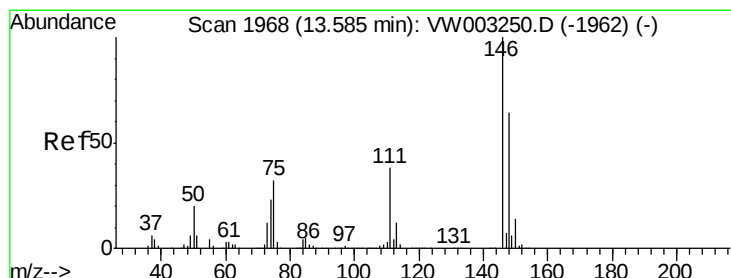
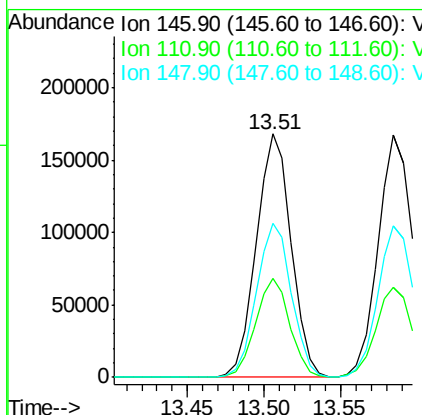
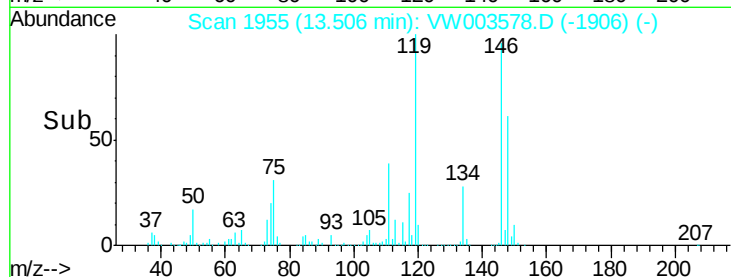
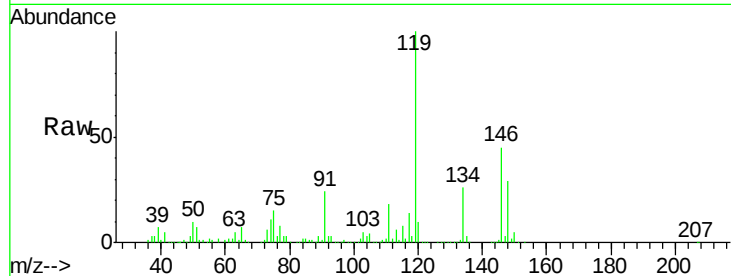
#87
 1,3-Dichlorobenzene
 Concen: 48.82 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003578.D
 Acq: 26 Jun 2018 18:56

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	19.8	59.4
148	63.6	32.1	96.5

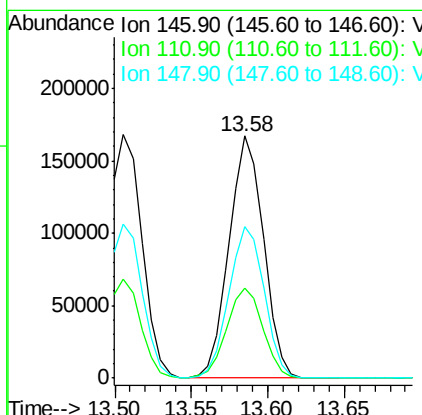
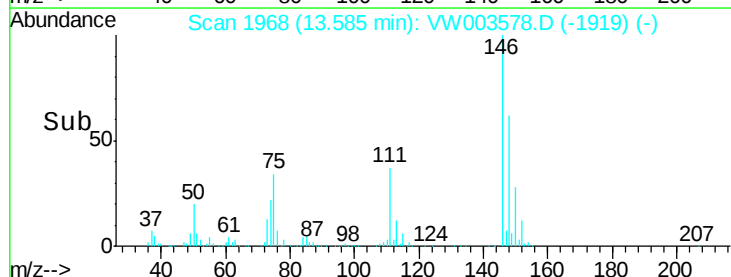
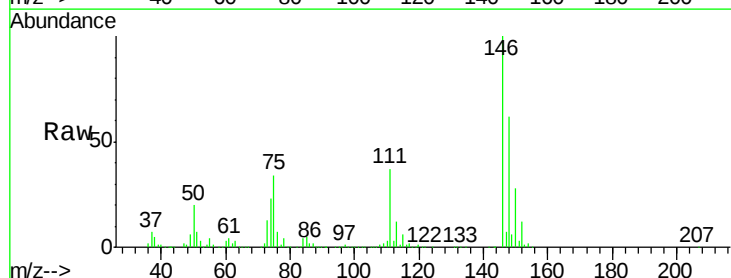
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#88
 1,4-Dichlorobenzene
 Concen: 48.29 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW003578.D
 Acq: 26 Jun 2018 18:56

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.2	57.6
148	63.8	31.8	95.4





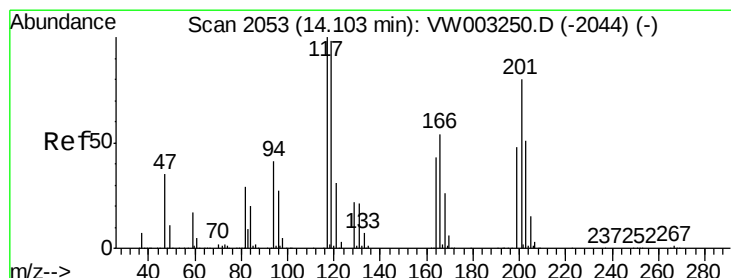
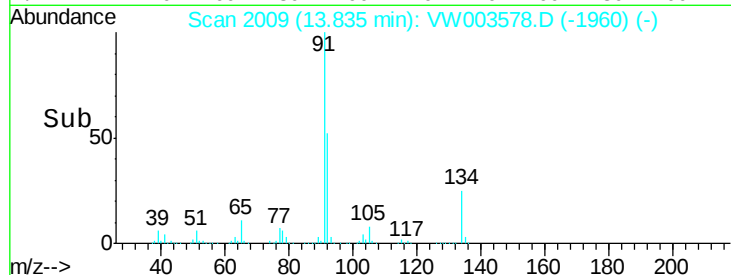
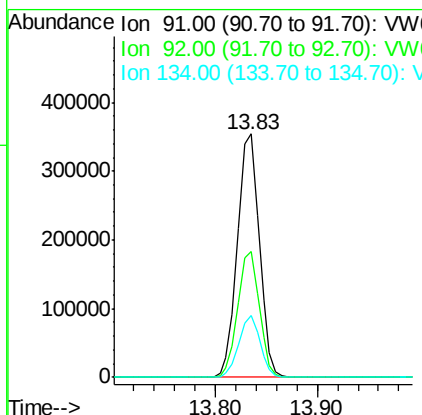
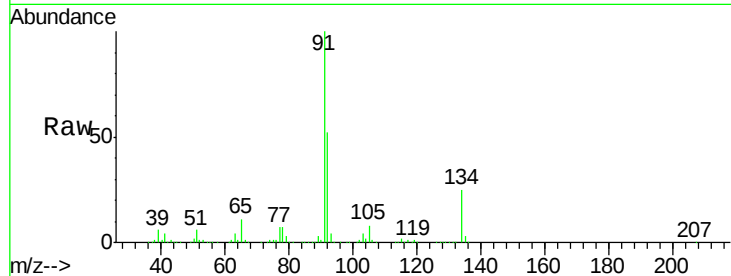
#89
n-Butylbenzene
Concen: 50.07 ug/l
RT: 13.83 min Scan# 2009
Delta R.T. 0.00 min
Lab File: VW003578.D
Acq: 26 Jun 2018 18:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.3	26.0	78.0
134	24.8	12.7	38.0

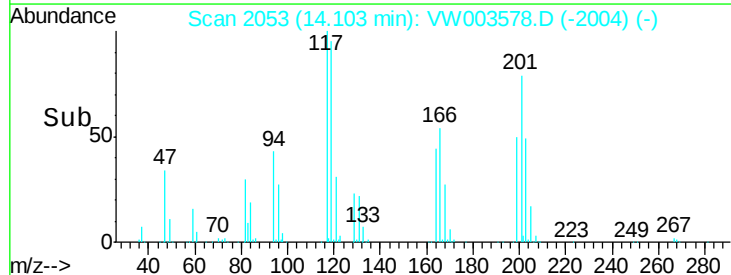
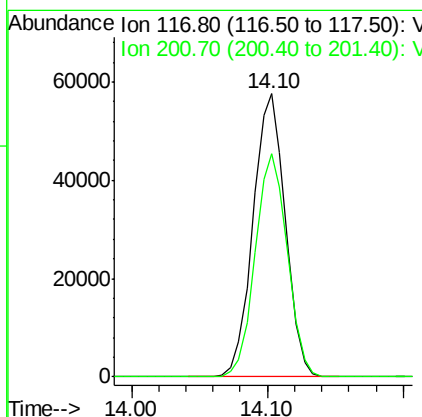
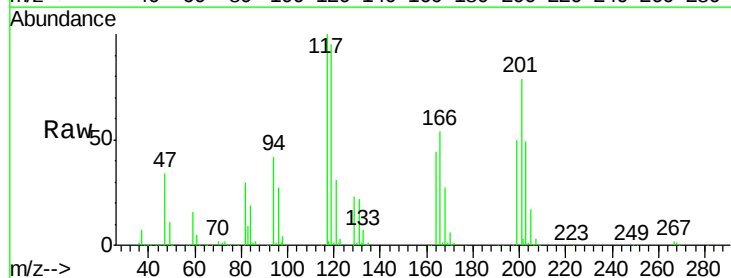
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#90
Hexachloroethane
Concen: 49.43 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.00 min
Lab File: VW003578.D
Acq: 26 Jun 2018 18:56

Tgt Ion	Ratio	Lower	Upper
117	100		
201	78.4	39.5	118.5





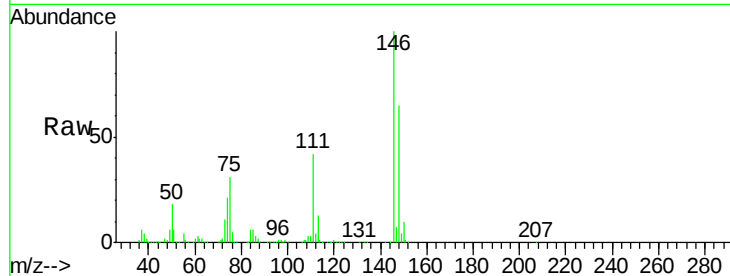
#91
 1,2-Dichlorobenzene
 Concen: 49.12 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW003578.D
 Acq: 26 Jun 2018 18:56

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

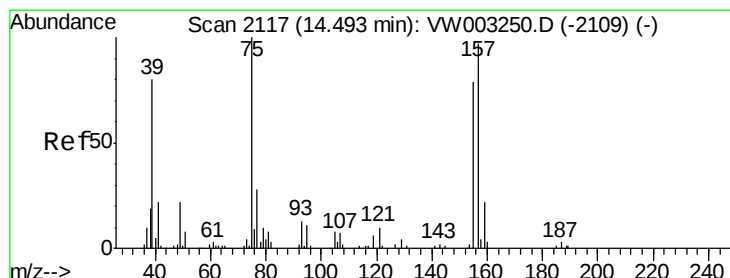
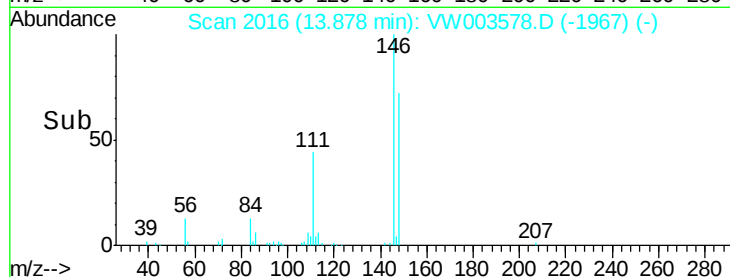
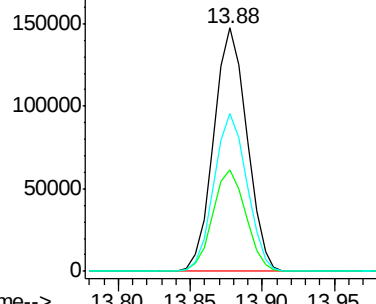
Tot Ion	Ratio	Resp	Lower	Upper
146	100	235209		
111	41.6	20.3	61.0	
148	64.2	32.3	96.9	

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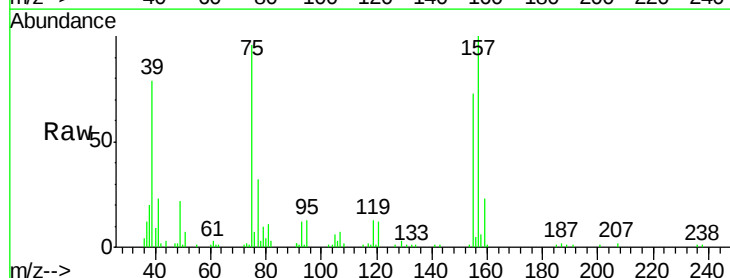


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

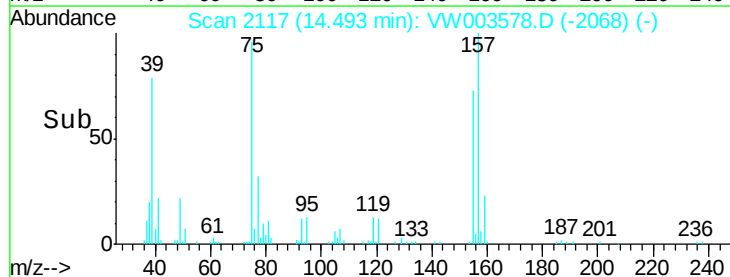
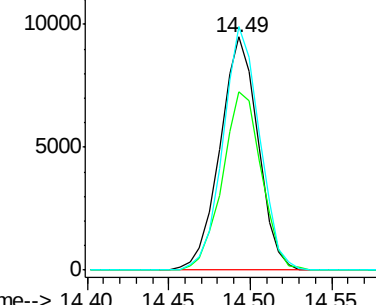


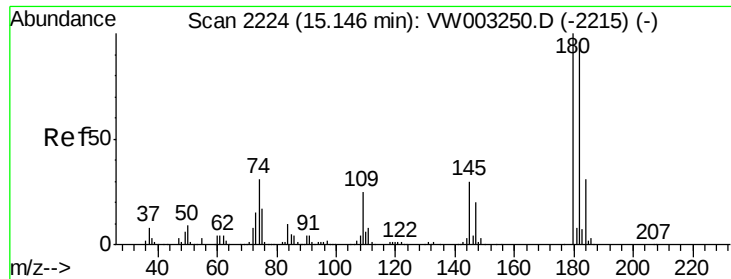
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.43 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW003578.D
 Acq: 26 Jun 2018 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	15429		
155	78.2	39.4	118.2	
157	100.5	51.5	154.5	



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V





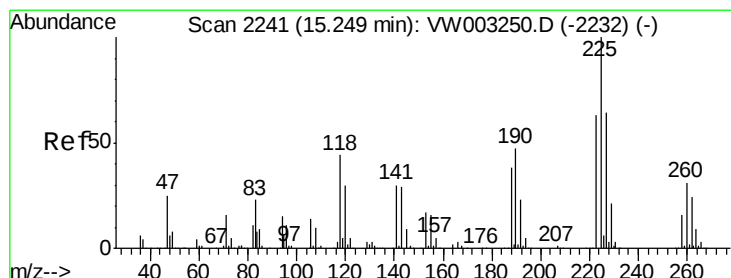
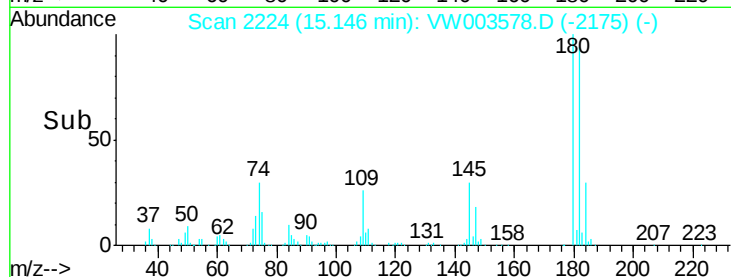
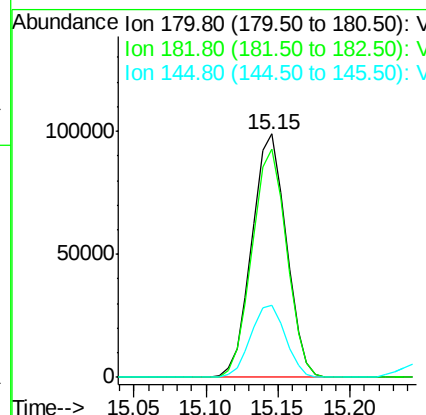
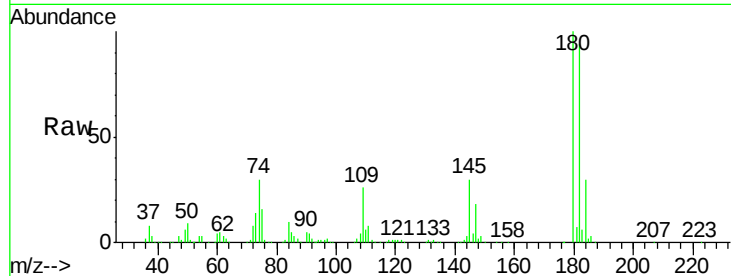
#93
 1,2,4-Trichlorobenzene
 Concen: 48.75 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW003578.D
 Acq: 26 Jun 2018 18:56

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.9	47.9	143.6
145	30.0	15.2	45.5

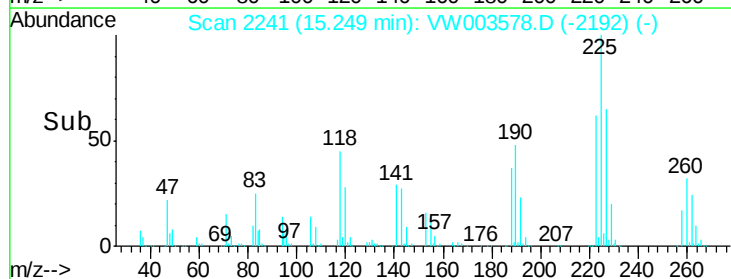
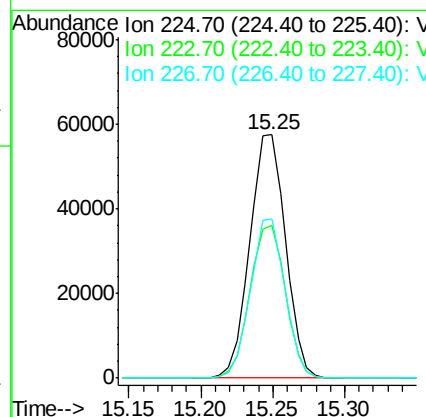
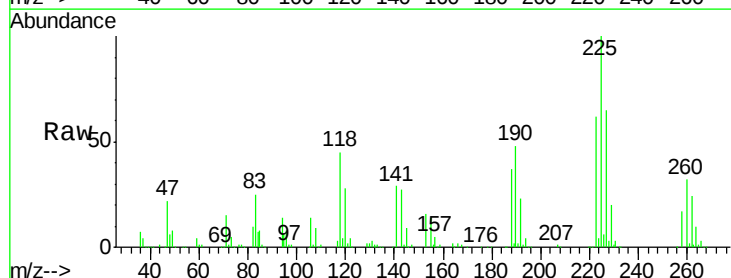
Manual Integrations
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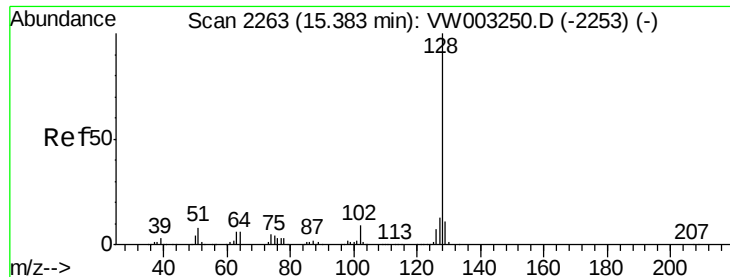
apatel
 6/27/2018 11:46:48 AM



#94
 Hexachlorobutadiene
 Concen: 48.61 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: VW003578.D
 Acq: 26 Jun 2018 18:56

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	30.6	92.0
227	63.5	31.7	95.1





#95

Naphthalene

Concen: 49.07 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. -0.01 min

Lab File: VW003578.D

Acq: 26 Jun 2018 18:56

Instrument :

MSVOA_W

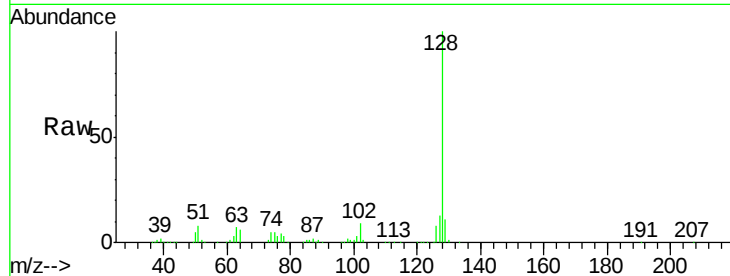
ClientSampleId :

VSTDCCC050

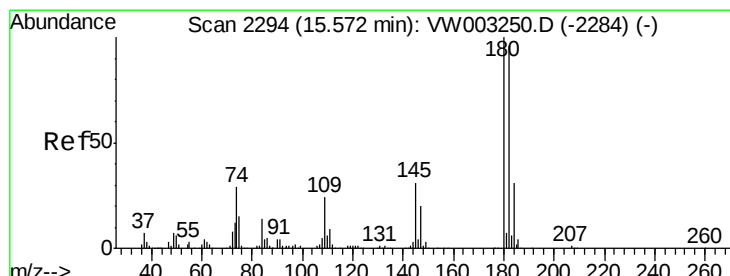
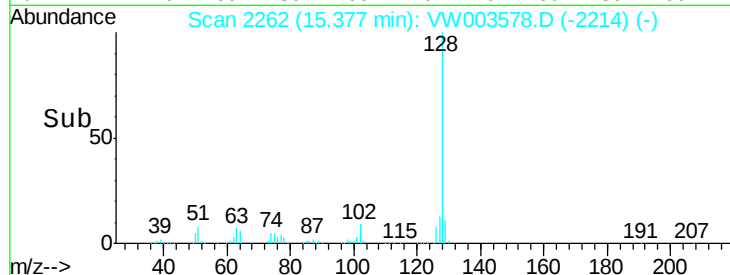
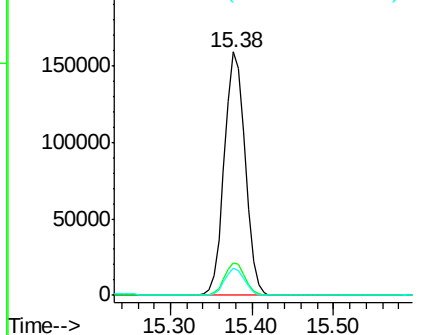
Tot Ion:	128	Resp:	279812
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.5	15.7
129	10.8	8.9	13.3

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



#96

1,2,3-Trichlorobenzene

Concen: 48.77 ug/l

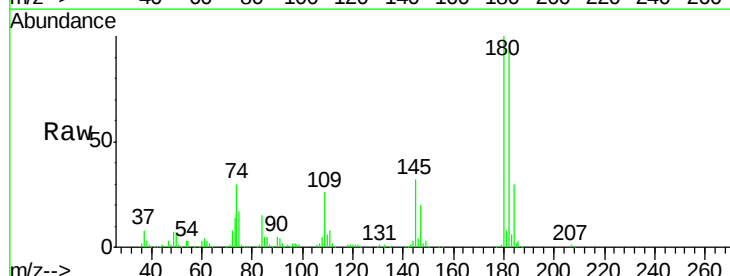
RT: 15.57 min Scan# 2293

Delta R.T. -0.01 min

Lab File: VW003578.D

Acq: 26 Jun 2018 18:56

Tgt Ion:	180	Resp:	144308
Ion Ratio	Lower	Upper	
180	100		
182	96.1	47.9	143.6
145	31.4	15.8	47.4



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

