

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062418\
 Data File : VW003528.D
 Acq On : 25 Jun 2018 00:07
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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 6/26/2018 4:39:23 PM

Quant Time: Jun 25 02:12:22 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	216870	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	358878	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	335999	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	180017	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	142167	60.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.04%	
35) Dibromofluoromethane	7.88	113	122884	55.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.22%	
50) Toluene-d8	10.33	98	485248	54.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.76%	
62) 4-Bromofluorobenzene	12.62	95	179120	57.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	36162	55.15	ug/l	90
3) Chloromethane	2.21	50	77390	46.72	ug/l	95
4) Vinyl Chloride	2.36	62	107785	44.63	ug/l	99
5) Bromomethane	2.78	94	71503	44.55	ug/l	99
6) Chloroethane	2.92	64	73543	43.75	ug/l	97
7) Trichlorofluoromethane	3.25	101	62300	43.06	ug/l	91
8) Diethyl Ether	3.68	74	55504	52.23	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	93885	46.73	ug/l	99
10) Methyl Iodide	4.26	142	151180	49.76	ug/l	100
11) Tert butyl alcohol	5.25	59	37247	295.66	ug/l #	85
12) 1,1-Dichloroethene	4.03	96	92690	47.21	ug/l	98
13) Acrolein	3.90	56	23815	132.22	ug/l	95
14) Allyl chloride	4.66	41	168239	49.47	ug/l	99
15) Acrylonitrile	5.38	53	125944	288.03	ug/l	100
16) Acetone	4.15	43	114016	231.43	ug/l	99
17) Carbon Disulfide	4.37	76	262055	45.15	ug/l	99
18) Methyl Acetate	4.68	43	67490	57.75	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	205924	56.00	ug/l	98
20) Methylene Chloride	4.91	84	108865	52.18	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	105768	49.50	ug/l	97
22) Diisopropyl ether	6.32	45	378387	55.29	ug/l	99
23) Vinyl Acetate	6.26	43	1087887	275.83	ug/l	99
24) 1,1-Dichloroethane	6.21	63	211031	51.94	ug/l	98
25) 2-Butanone	7.18	43	168358	274.82	ug/l	99
26) 2,2-Dichloropropane	7.17	77	115352	42.54	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	123103	52.45	ug/l	99
28) Bromochloromethane	7.51	49	100411	59.39	ug/l	97
29) Tetrahydrofuran	7.54	42	109199	291.66	ug/l	99
30) Chloroform	7.68	83	218735	52.84	ug/l	98
31) Cyclohexane	7.95	56	169470	44.65	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	167524	49.03	ug/l	99
36) 1,1-Dichloropropene	8.09	75	160461	46.30	ug/l	100
37) Ethyl Acetate	7.26	43	78514	54.68	ug/l	99
38) Carbon Tetrachloride	8.07	117	153845	45.25	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	179555	44.77	ug/l	98
40) Benzene	8.32	78	469330	49.13	ug/l	99
41) Methacrylonitrile	7.49	41	48206	54.71	ug/l	99
42) 1,2-Dichloroethane	8.40	62	153358	51.24	ug/l	99
43) Isopropyl Acetate	8.43	43	150424	52.76	ug/l	99
44) Trichloroethene	9.09	130	121345	47.94	ug/l	99
45) 1,2-Dichloropropane	9.37	63	123040	50.58	ug/l	99
46) Dibromomethane	9.46	93	64553	51.84	ug/l	97
47) Bromodichloromethane	9.65	83	161613	50.63	ug/l	99
48) Methyl methacrylate	9.44	41	74705	55.76	ug/l	97
49) 1,4-Dioxane	9.49	88	21882	1163.73	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	404321	278.32	ug/l	99
52) Toluene	10.39	92	298336	48.70	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	163073	50.01	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	183483	49.44	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	90698	51.68	ug/l	98
56) Ethyl methacrylate	10.65	69	117451	55.12	ug/l	98
57) 1,3-Dichloropropane	10.94	76	160484	53.02	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	255658	267.63	ug/l	98
59) 2-Hexanone	10.98	43	279332	275.24	ug/l	100
60) Dibromochloromethane	11.13	129	108044	51.77	ug/l	99
61) 1,2-Dibromoethane	11.24	107	86589	52.16	ug/l	100
64) Tetrachloroethene	10.87	164	108239	48.16	ug/l	98
65) Chlorobenzene	11.66	112	332015	47.45	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	119530	48.61	ug/l	99
67) Ethyl Benzene	11.74	91	593966	47.89	ug/l	100
68) m/p-Xylenes	11.85	106	451401	95.74	ug/l	99
69) o-Xylene	12.17	106	215658	49.35	ug/l	99
70) Styrene	12.19	104	368445	50.66	ug/l	99
71) Bromoform	12.35	173	64488	50.61	ug/l #	99
73) Isopropylbenzene	12.47	105	590226	47.14	ug/l	100
74) N-amyl acetate	12.28	43	150160	52.69	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	109793	51.83	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	78025m	50.70	ug/l	
77) Bromobenzene	12.76	156	140575	48.21	ug/l	97
78) n-propylbenzene	12.81	91	724246	47.24	ug/l	100
79) 2-Chlorotoluene	12.90	91	414763	47.87	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	505538	48.10	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	32308	48.31	ug/l	96
82) 4-Chlorotoluene	13.00	91	436939	47.54	ug/l	100
83) tert-Butylbenzene	13.21	119	424720	47.42	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	525119	48.57	ug/l	99
85) sec-Butylbenzene	13.39	105	620710	46.62	ug/l	100
86) p-Isopropyltoluene	13.51	119	553214	47.11	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	283728	47.36	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	279146	46.87	ug/l	99
89) n-Butylbenzene	13.84	91	534037	46.66	ug/l	99
90) Hexachloroethane	14.10	117	99401	46.80	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	254348	48.47	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	18579	52.12	ug/l	98

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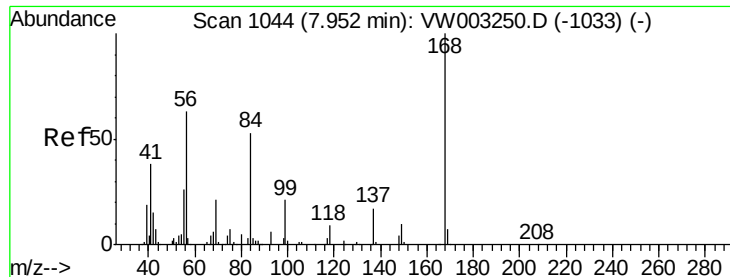
Manual Integrations
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	176008	47.78	ug/l	99
94) Hexachlorobutadiene	15.25	225	98765	44.57	ug/l	97
95) Naphthalene	15.38	128	334109	53.47	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	158421	48.86	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003528.D

Acq: 25 Jun 2018 00:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 216870

Ion Ratio Lower Upper

168 100

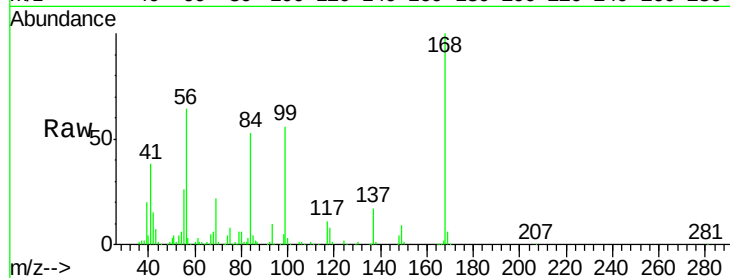
99 56.2 45.5 68.3

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

60000

40000

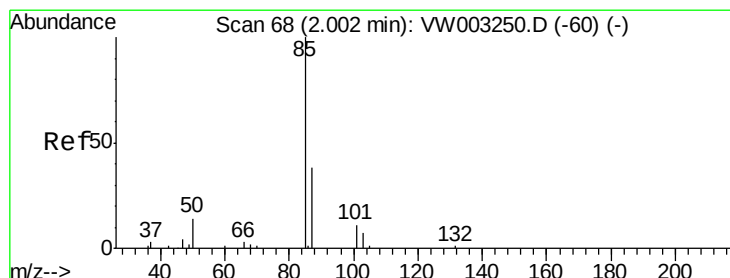
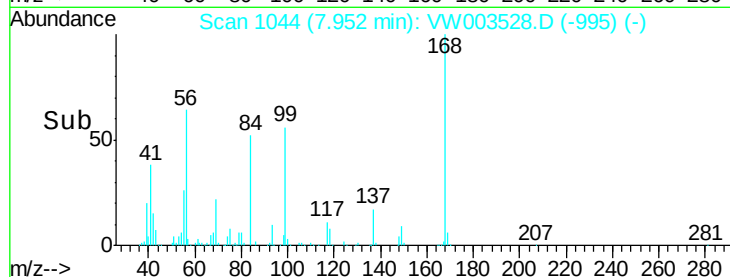
20000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 55.15 ug/l

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW003528.D

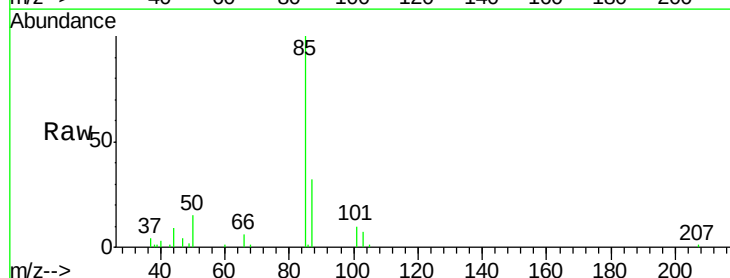
Acq: 25 Jun 2018 00:07

Tgt Ion: 85 Resp: 36162

Ion Ratio Lower Upper

85 100

87 31.7 18.9 56.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

10000

5000

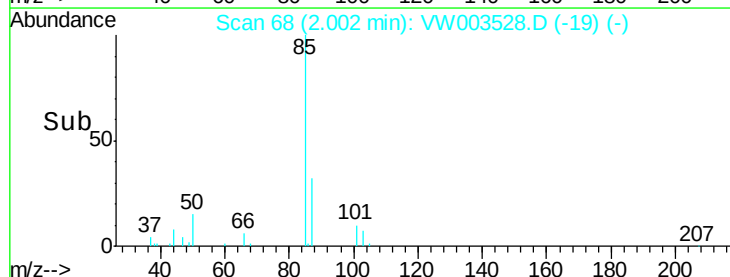
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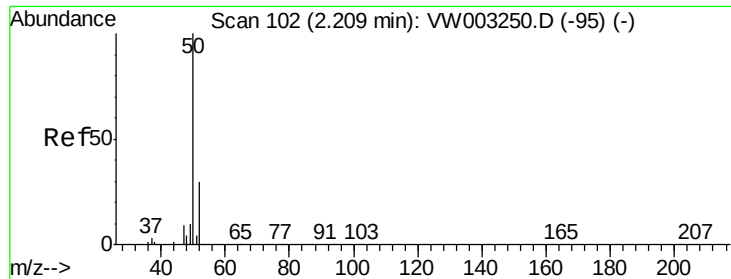
1.90

2.00

2.10

Time-->





#3

Chloromethane

Concen: 46.72 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW003528.D

Acq: 25 Jun 2018 00:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 77390

Ion Ratio Lower Upper

50 100

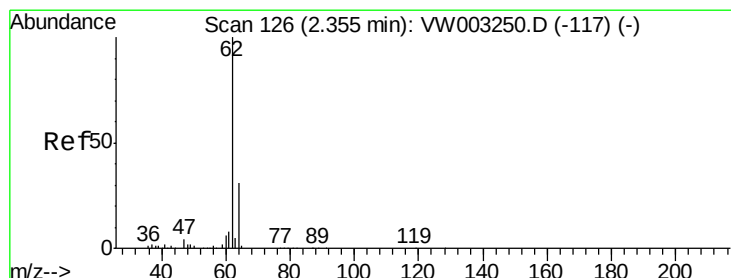
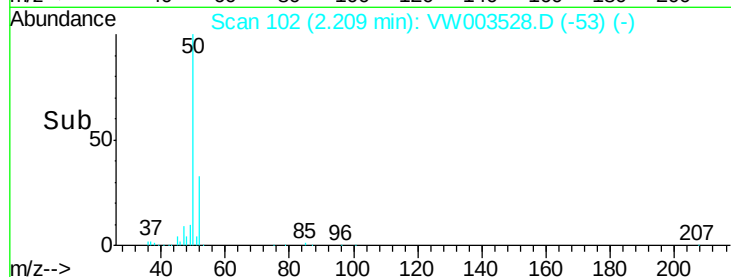
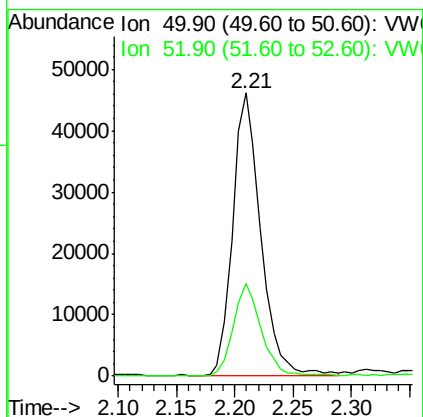
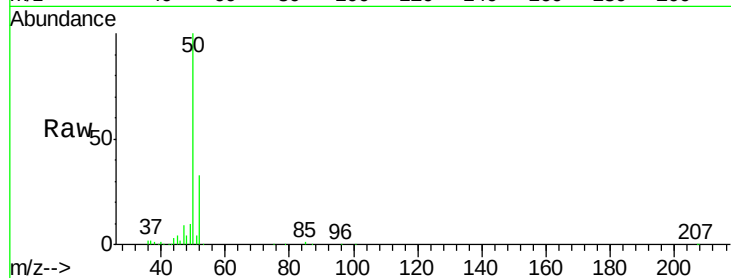
52 32.8 24.2 36.2

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#4

Vinyl Chloride

Concen: 44.63 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW003528.D

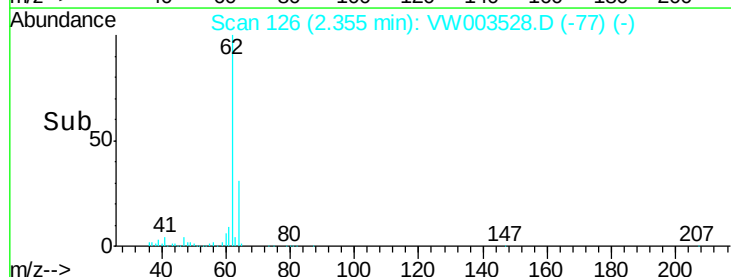
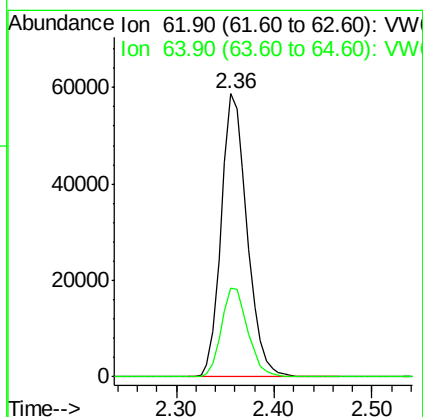
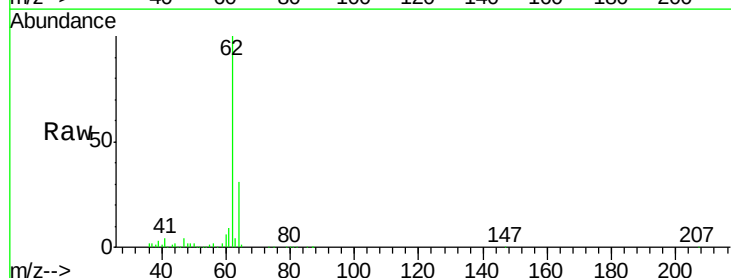
Acq: 25 Jun 2018 00:07

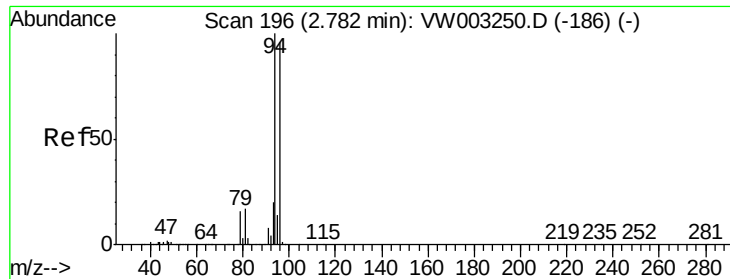
Tgt Ion: 62 Resp: 107785

Ion Ratio Lower Upper

62 100

64 31.4 24.9 37.3





#5

Bromomethane

Concen: 44.55 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.00 min

Lab File: VW003528.D

Acq: 25 Jun 2018 00:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 71503

Ion Ratio Lower Upper

94 100

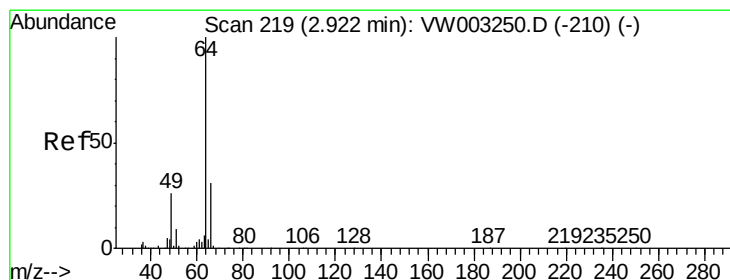
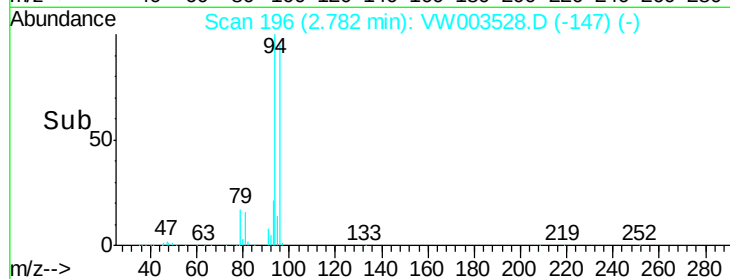
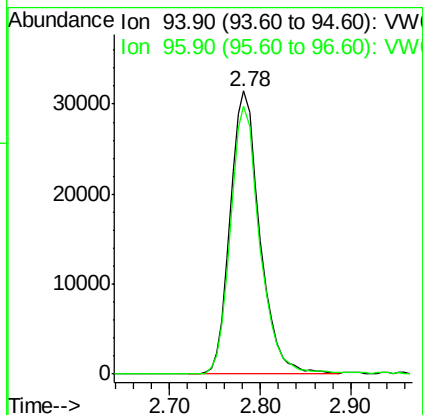
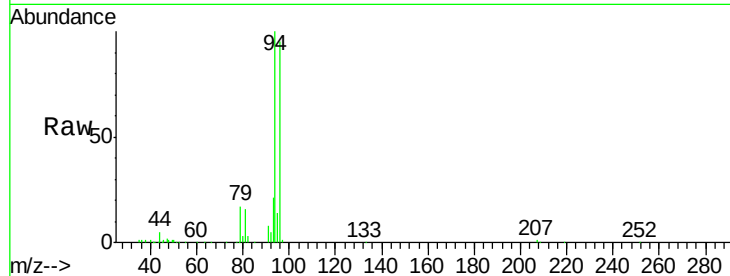
96 94.8 76.5 114.7

Manual Integrations

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#6

Chloroethane

Concen: 43.75 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.00 min

Lab File: VW003528.D

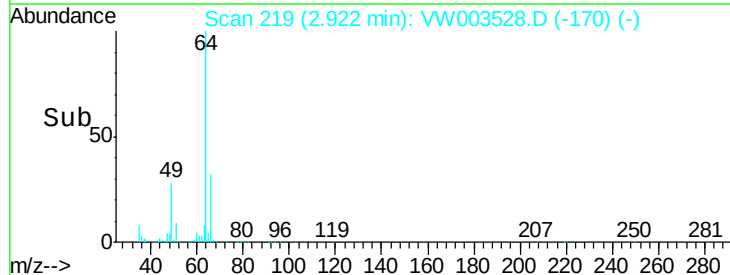
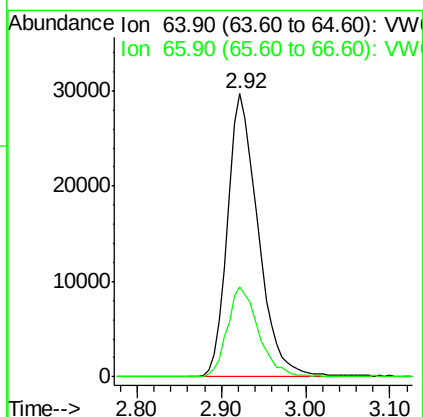
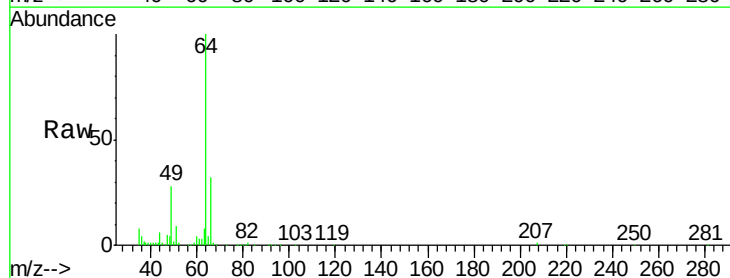
Acq: 25 Jun 2018 00:07

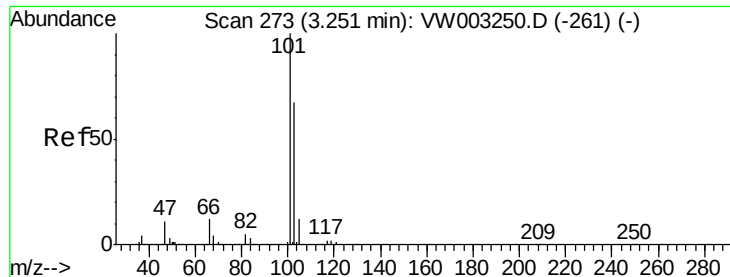
Tgt Ion: 64 Resp: 73543

Ion Ratio Lower Upper

64 100

66 32.0 24.4 36.6





#7

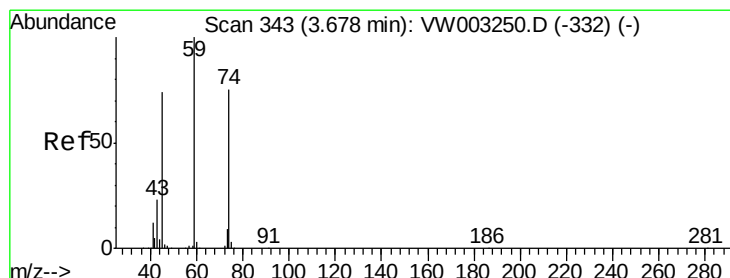
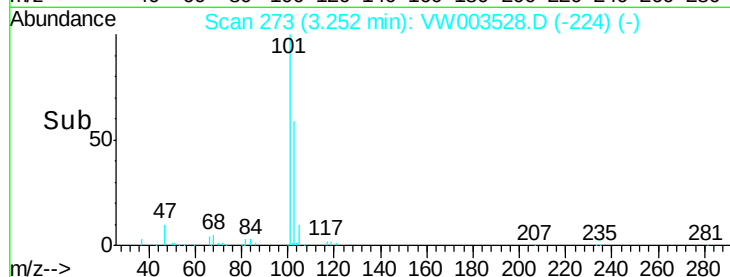
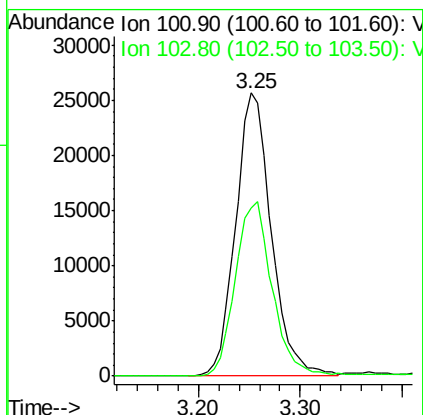
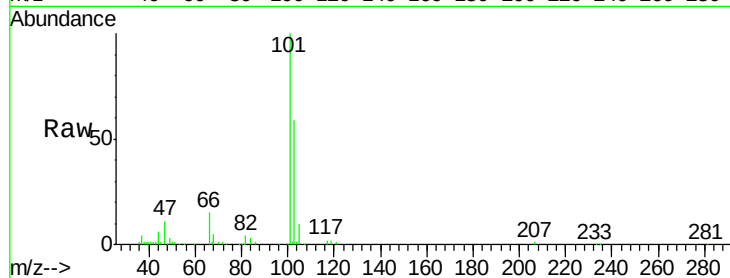
Trichlorofluoromethane
Concen: 43.06 ug/l
RT: 3.25 min Scan# 273
Delta R.T. 0.00 min
Lab File: VW003528.D
Acq: 25 Jun 2018 00:07

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ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	59.2	53.4	80.0

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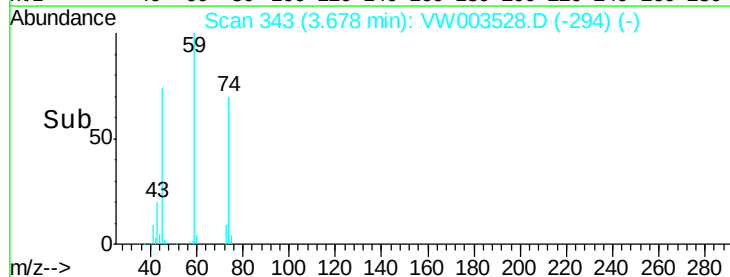
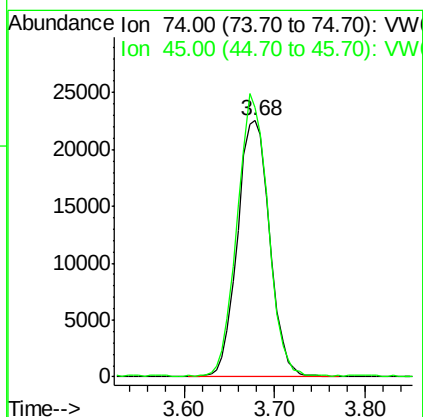
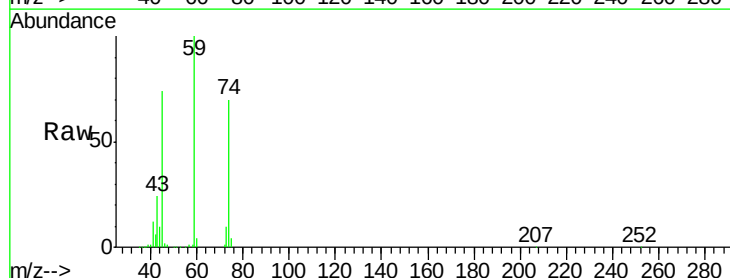
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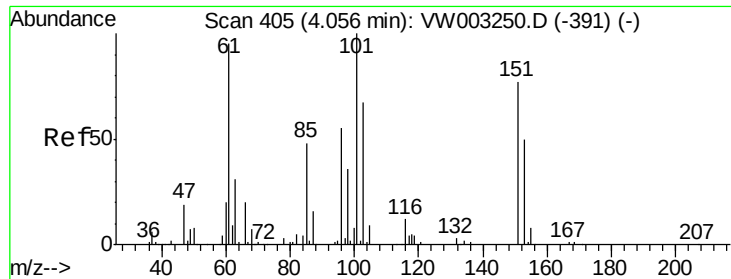


#8

Diethyl Ether
Concen: 52.23 ug/l
RT: 3.68 min Scan# 343
Delta R.T. 0.00 min
Lab File: VW003528.D
Acq: 25 Jun 2018 00:07

Tgt Ion	Ratio	Lower	Upper
74	100		
45	105.4	51.4	154.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.73 ug/l

RT: 4.06 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW003528.D

Acq: 25 Jun 2018 00:07

Instrument :

MSVOA_W

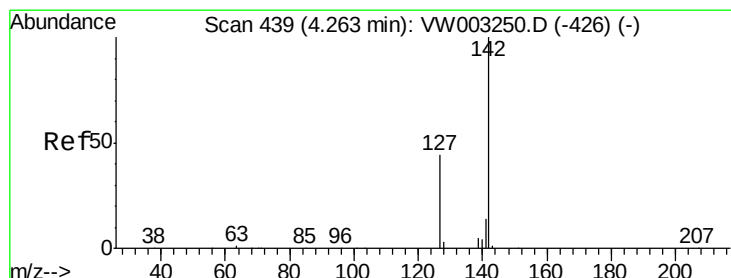
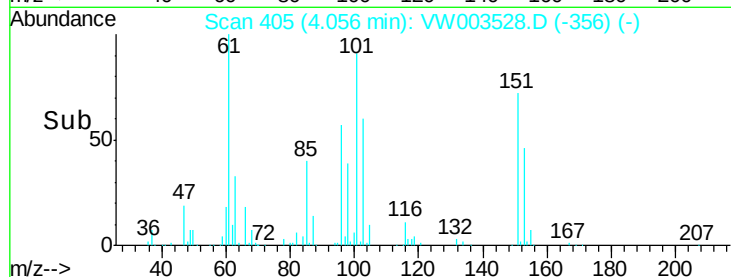
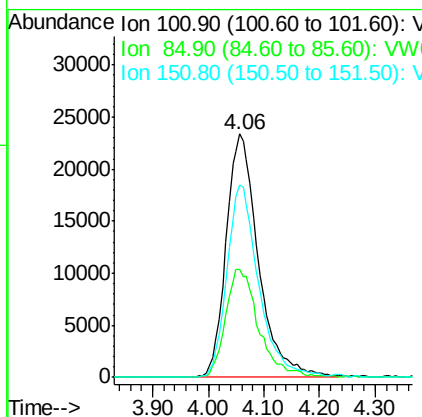
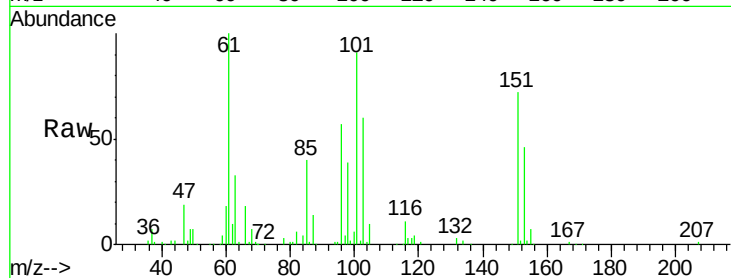
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	93885
Ion Ratio	Lower	Upper	
101	100		
85	45.6	37.0	55.6
151	77.9	63.3	94.9

Manual Integrations
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#10

Methyl Iodide

Concen: 49.76 ug/l

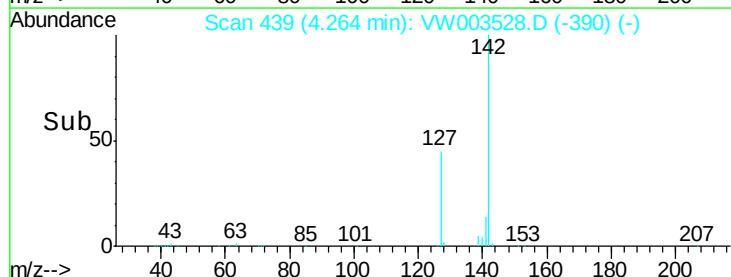
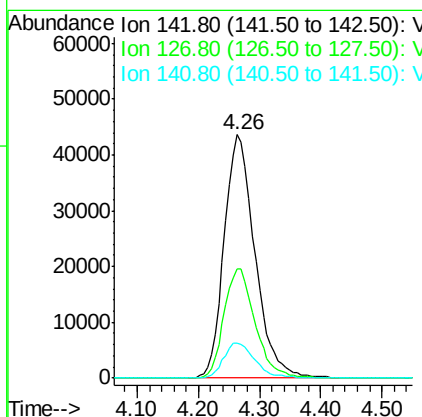
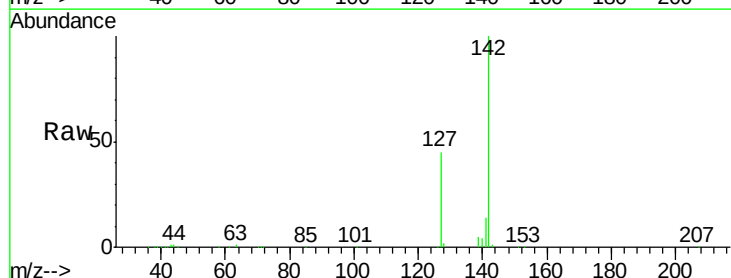
RT: 4.26 min Scan# 439

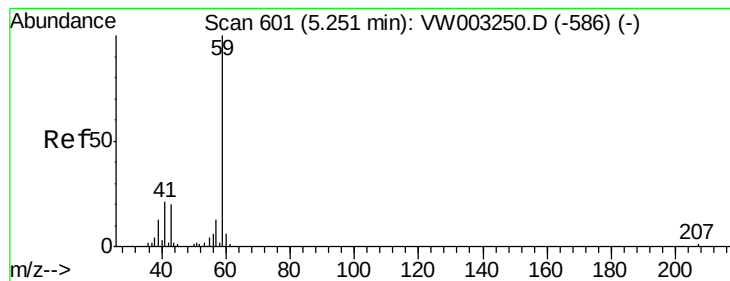
Delta R.T. 0.00 min

Lab File: VW003528.D

Acq: 25 Jun 2018 00:07

Tgt Ion:	142	Resp:	151180
Ion Ratio	Lower	Upper	
142	100		
127	45.7	36.5	54.7
141	14.7	12.1	18.1





#11

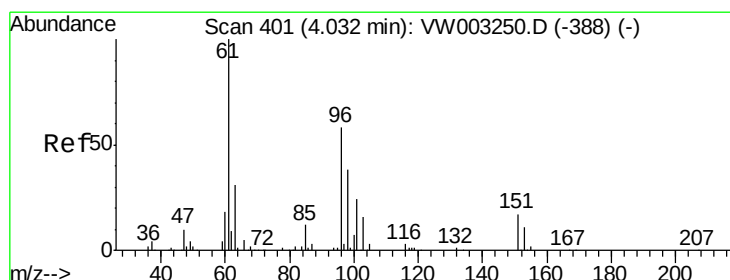
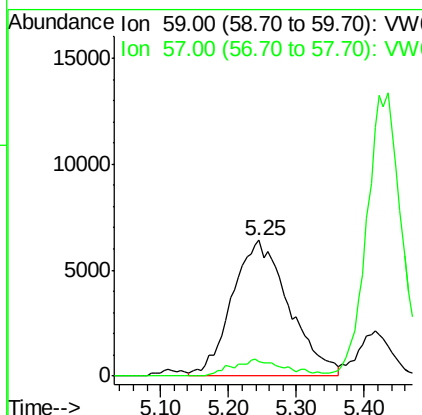
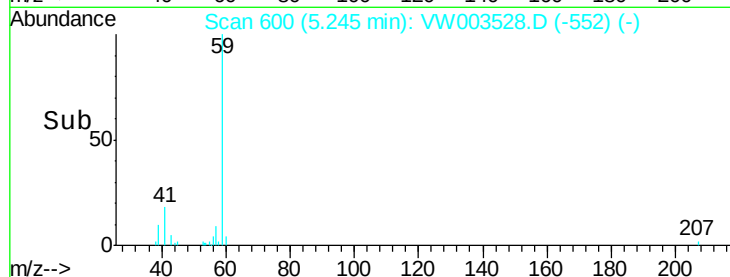
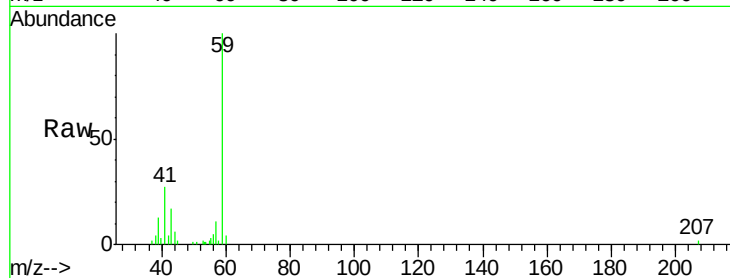
Tert butyl alcohol
Concen: 295.66 ug/l
RT: 5.25 min Scan# 600
Delta R.T. -0.01 min
Lab File: VW003528.D
Acq: 25 Jun 2018 00:07

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion: 59 Resp: 37247
Ion Ratio Lower Upper
59 100
57 10.1 4.2 6.2#

Manual Integrations
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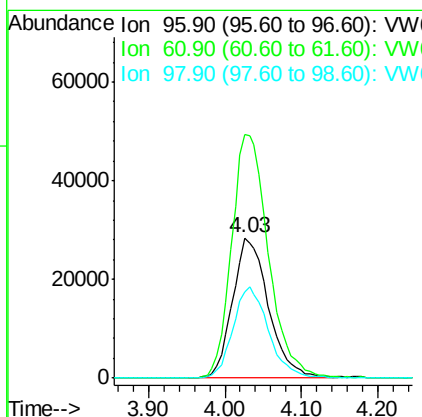
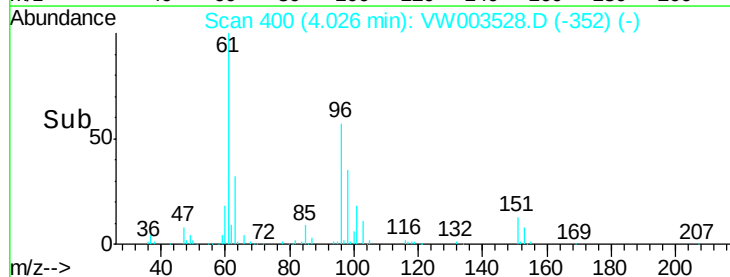
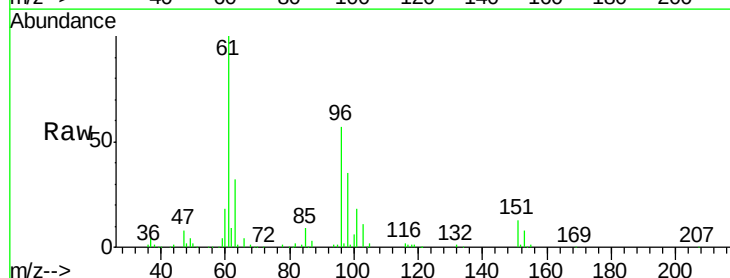
apatel
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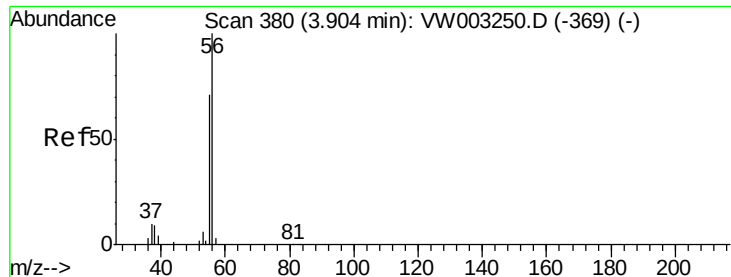


#12

1,1-Dichloroethene
Concen: 47.21 ug/l
RT: 4.03 min Scan# 400
Delta R.T. -0.01 min
Lab File: VW003528.D
Acq: 25 Jun 2018 00:07

Tgt Ion: 96 Resp: 92690
Ion Ratio Lower Upper
96 100
61 174.0 139.0 208.4
98 61.2 53.3 79.9





#13

Acrolein

Concen: 132.22 ug/l

RT: 3.90 min Scan# 379

Delta R.T. -0.01 min

Lab File: VW003528.D

Acq: 25 Jun 2018 00:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 23815

Ion Ratio Lower Upper

56 100

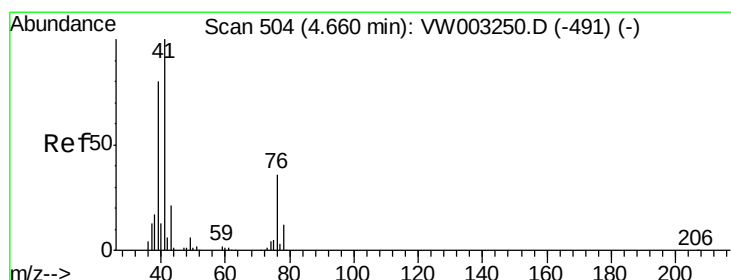
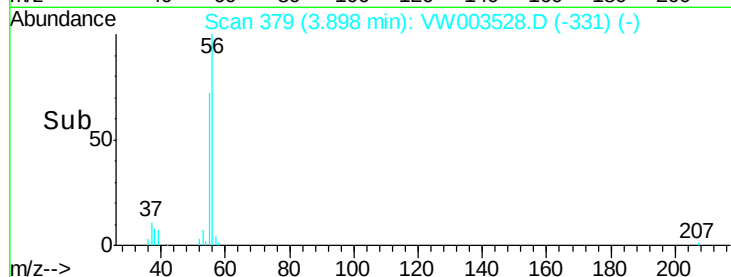
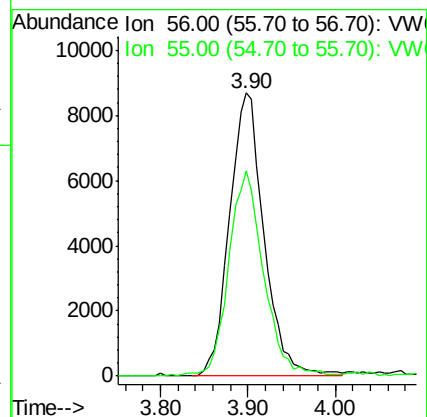
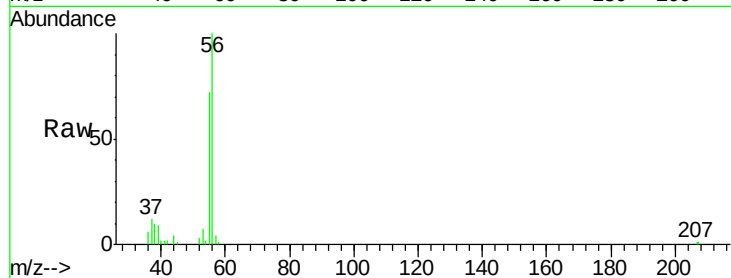
55 73.3 55.4 83.2

Manual Integrations

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#14

Allyl chloride

Concen: 49.47 ug/l

RT: 4.66 min Scan# 504

Delta R.T. 0.00 min

Lab File: VW003528.D

Acq: 25 Jun 2018 00:07

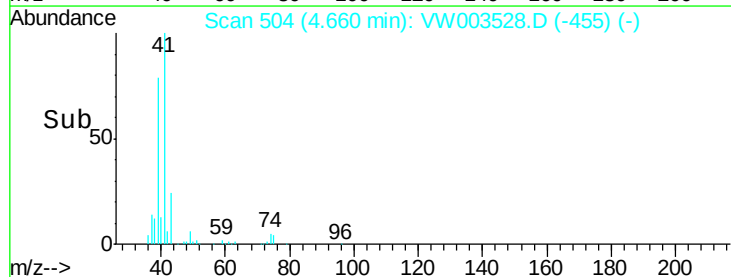
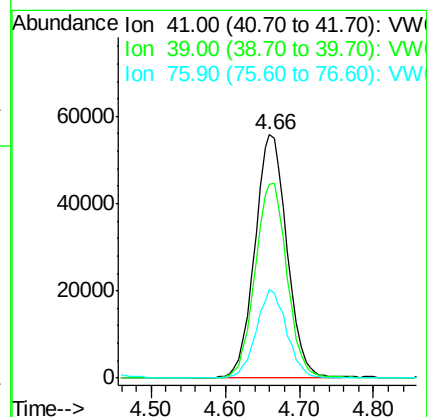
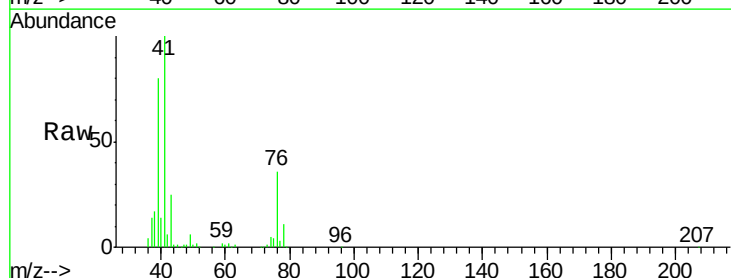
Tgt Ion: 41 Resp: 168239

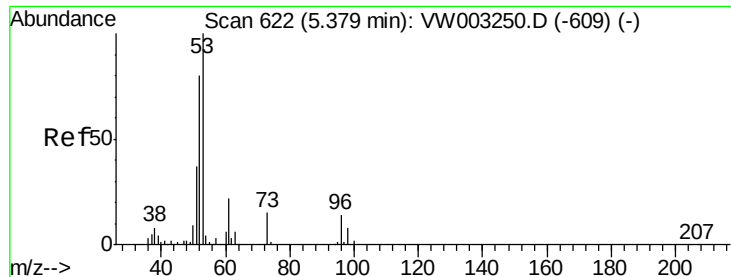
Ion Ratio Lower Upper

41 100

39 79.8 63.2 94.8

76 34.5 28.0 42.0





#15

Acrylonitrile

Concen: 288.03 ug/l

RT: 5.38 min Scan# 622

Delta R.T. 0.00 min

Lab File: VW003528.D

Acq: 25 Jun 2018 00:07

Instrument :

MSVOA_W

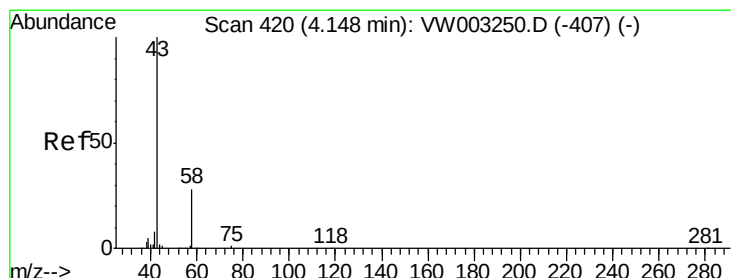
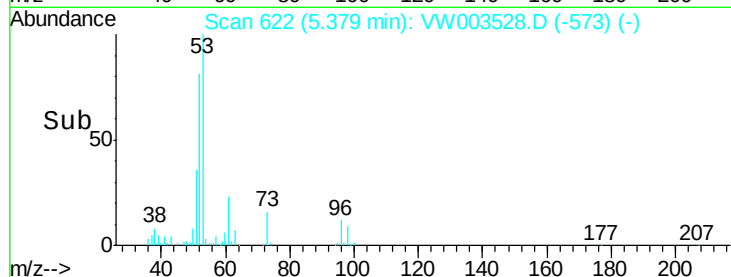
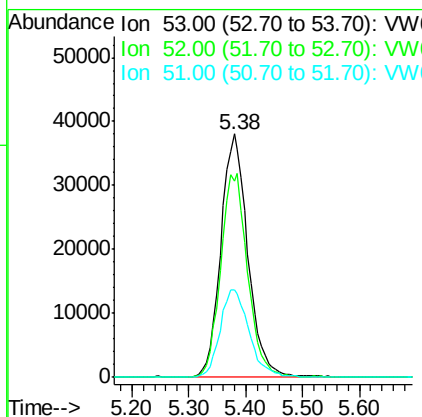
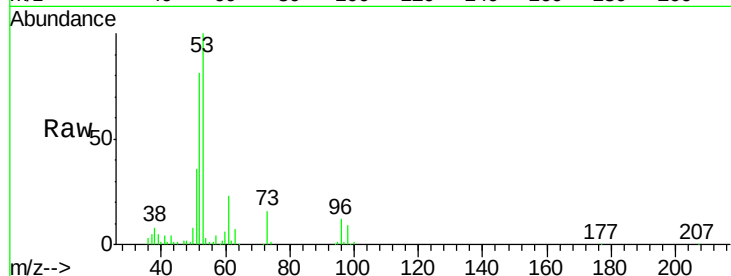
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	125944
Ion Ratio	Lower	Upper	
53	100		
52	83.5	66.6	100.0
51	38.6	30.6	46.0

Manual Integrations
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#16

Acetone

Concen: 231.43 ug/l

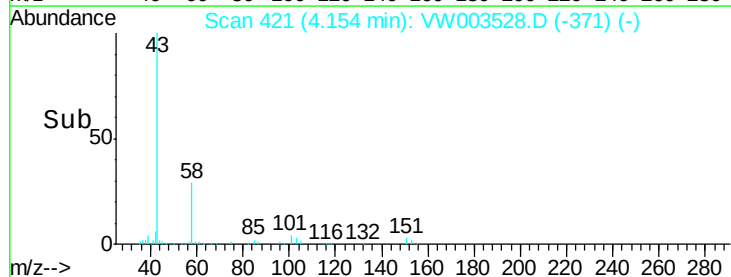
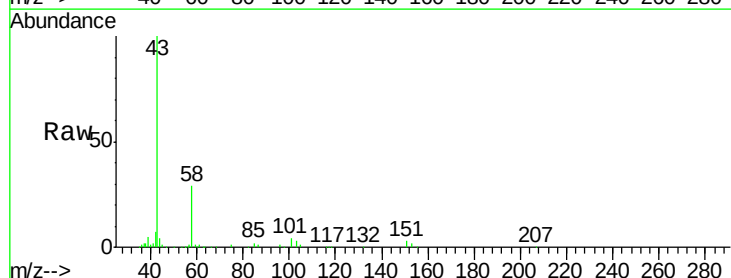
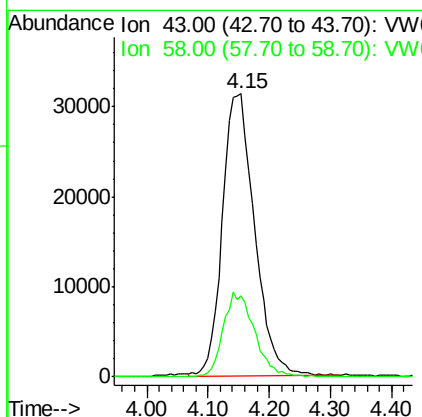
RT: 4.15 min Scan# 421

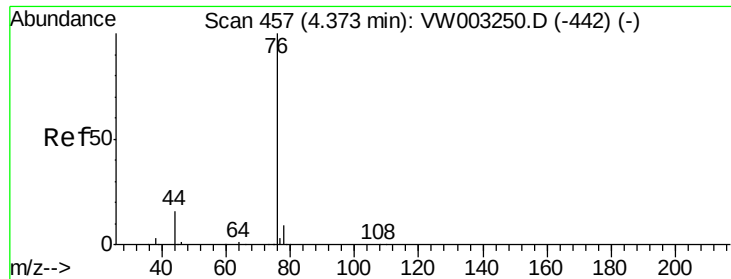
Delta R.T. 0.01 min

Lab File: VW003528.D

Acq: 25 Jun 2018 00:07

Tgt Ion:	43	Resp:	114016
Ion Ratio	Lower	Upper	
43	100		
58	28.7	22.6	34.0





#17

Carbon Disulfide

Concen: 45.15 ug/l

RT: 4.37 min Scan# 457

Delta R.T. 0.00 min

Lab File: VW003528.D

Acq: 25 Jun 2018 00:07

Tot Ion: 76 Resp: 262055

Ion Ratio Lower Upper

76 100

78 9.4 7.1 10.7

Instrument :

MSVOA_W

ClientSampleId :

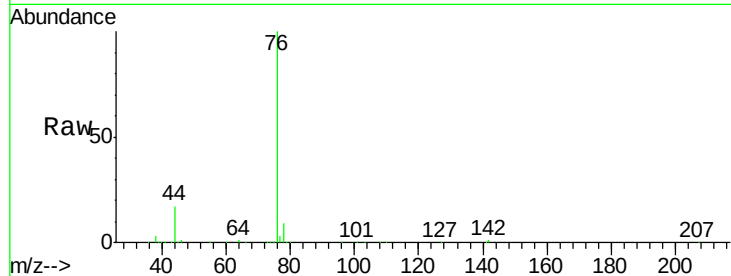
VSTDCCC050

Manual Integrations

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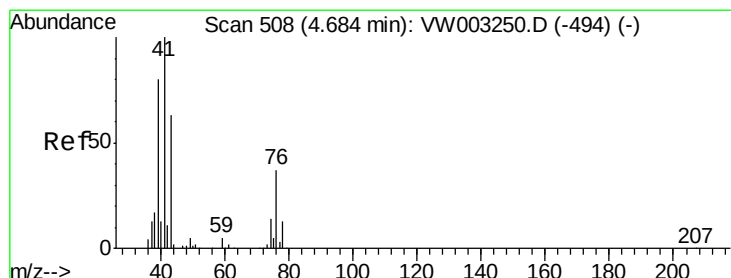
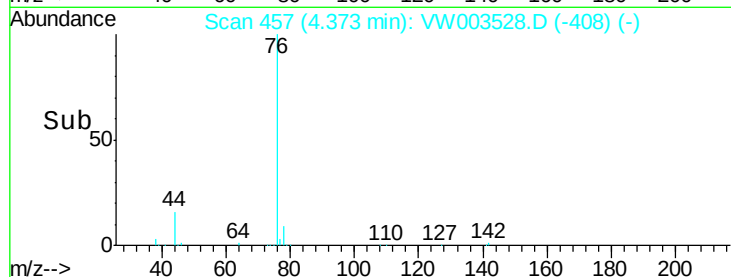
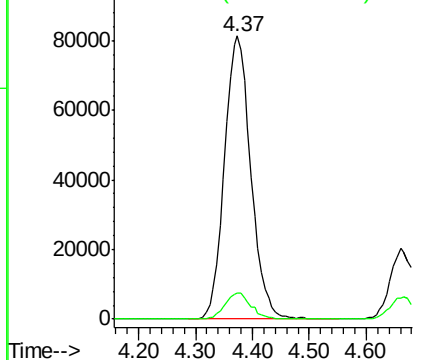
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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 57.75 ug/l

RT: 4.68 min Scan# 507

Delta R.T. -0.01 min

Lab File: VW003528.D

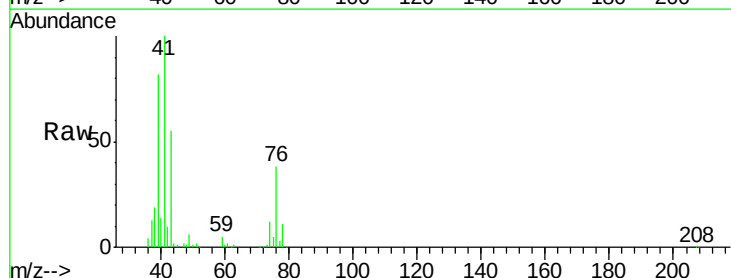
Acq: 25 Jun 2018 00:07

Tgt Ion: 43 Resp: 67490

Ion Ratio Lower Upper

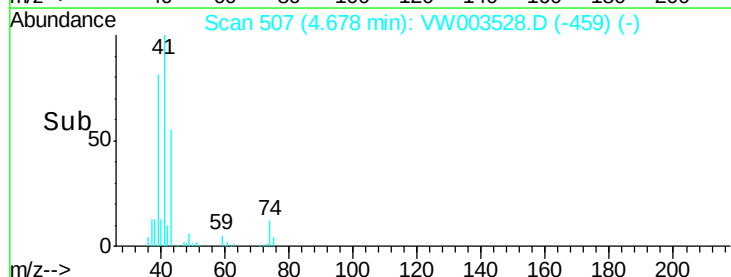
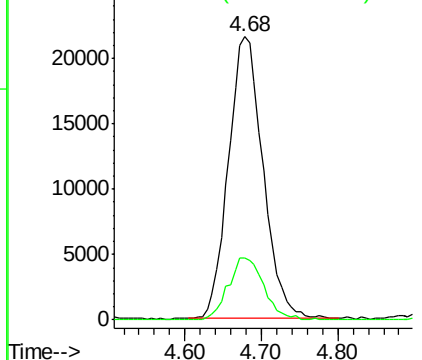
43 100

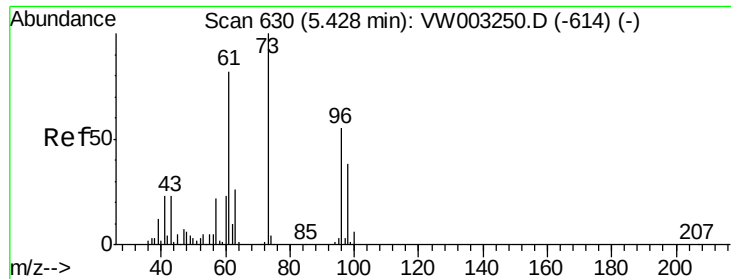
74 22.7 18.7 28.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW





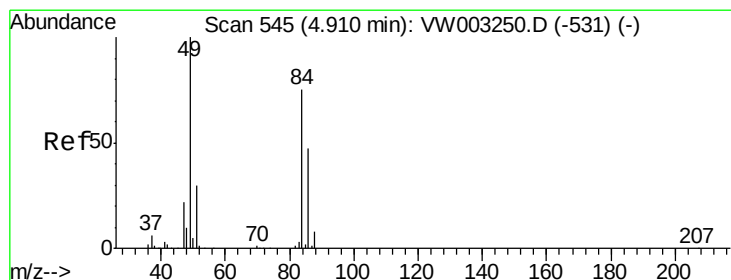
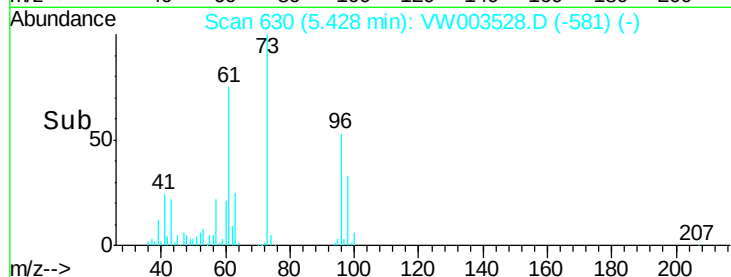
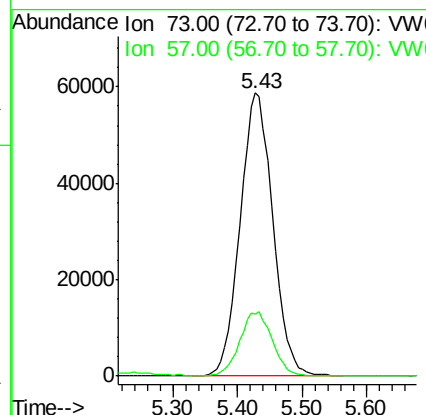
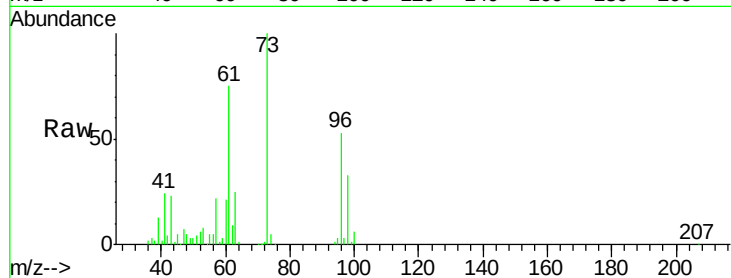
#19
Methyl tert-butyl Ether
Concen: 56.00 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.00 min
Lab File: VW003528.D
Acq: 25 Jun 2018 00:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 205924
Ion Ratio Lower Upper
73 100
57 21.7 18.0 27.0

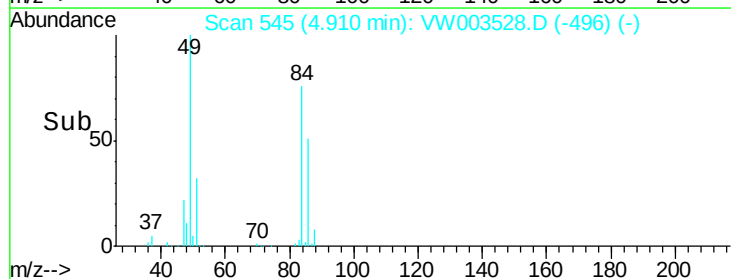
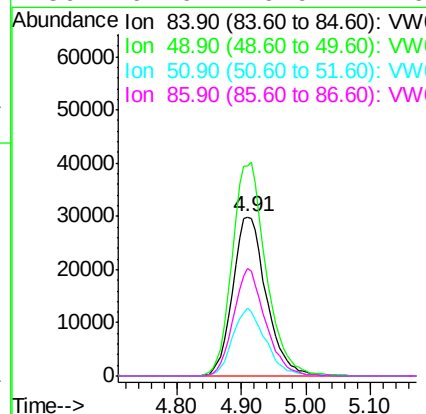
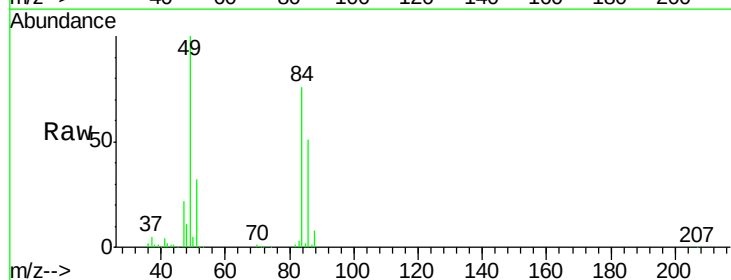
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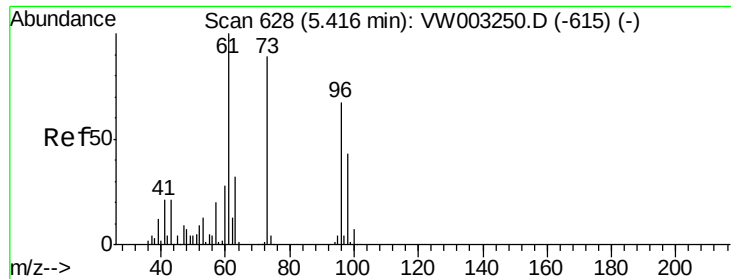
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#20
Methylene Chloride
Concen: 52.18 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003528.D
Acq: 25 Jun 2018 00:07

Tgt Ion: 84 Resp: 108865
Ion Ratio Lower Upper
84 100
49 131.9 106.3 159.5
51 42.7 32.0 48.0
86 67.6 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 49.50 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.00 min

Lab File: VW003528.D

Acq: 25 Jun 2018 00:07

Instrument :

MSVOA_W

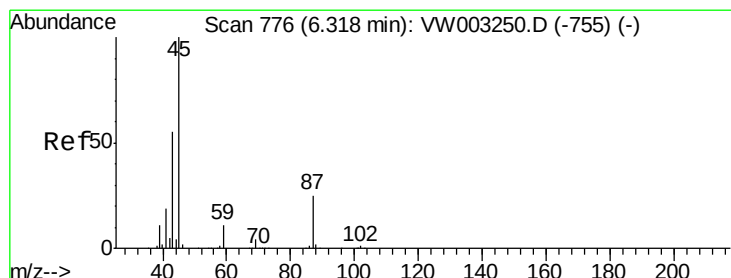
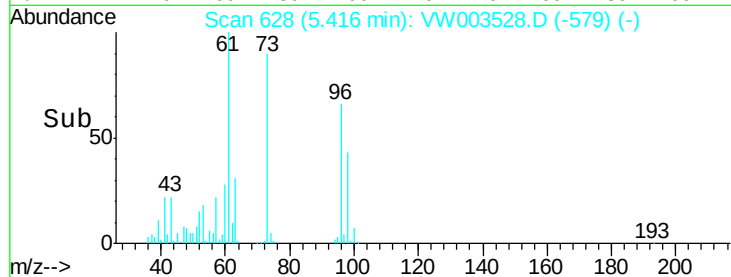
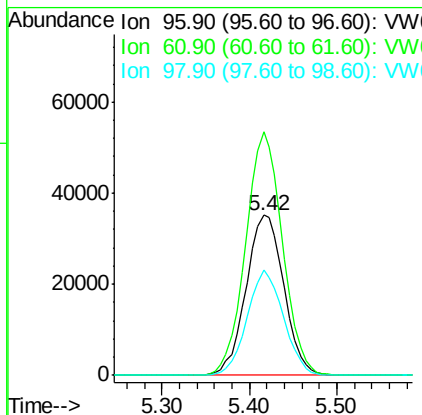
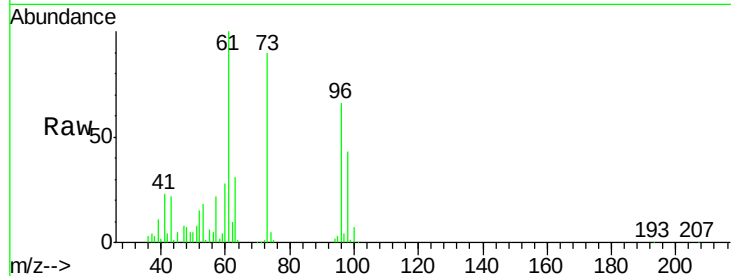
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	105768
Ion	Ratio	Lower	Upper
96	100		
61	152.1	118.7	178.1
98	65.5	51.0	76.6

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#22

Diisopropyl ether

Concen: 55.29 ug/l

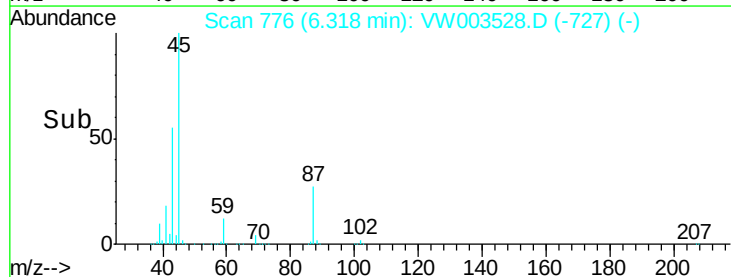
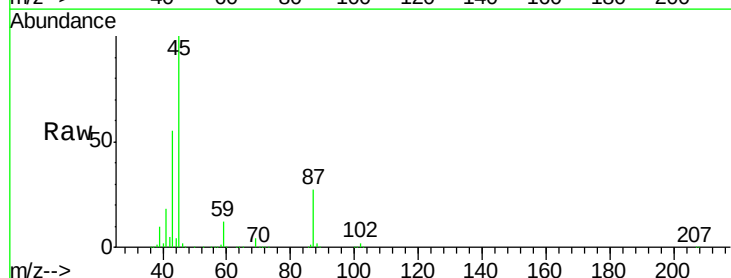
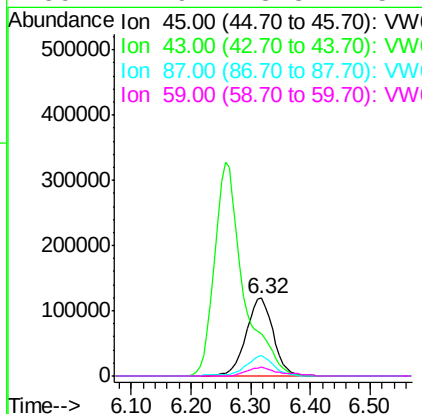
RT: 6.32 min Scan# 776

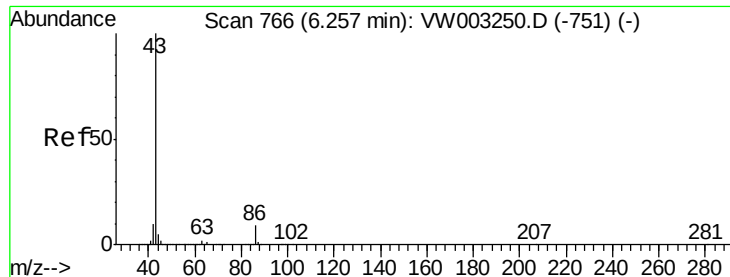
Delta R.T. 0.00 min

Lab File: VW003528.D

Acq: 25 Jun 2018 00:07

Tgt Ion:	45	Resp:	378387
Ion	Ratio	Lower	Upper
45	100		
43	54.8	44.0	66.0
87	26.4	20.6	31.0
59	11.9	8.8	13.2





#23

Vinyl Acetate

Concen: 275.83 ug/l

RT: 6.26 min Scan# 766

Delta R.T. 0.00 min

Lab File: VW003528.D

Acq: 25 Jun 2018 00:07

Tot Ion: 43 Resp: 1087887

Ion Ratio Lower Upper

43 100

86 9.6 7.5 11.3

Instrument :

MSVOA_W

ClientSampleId :

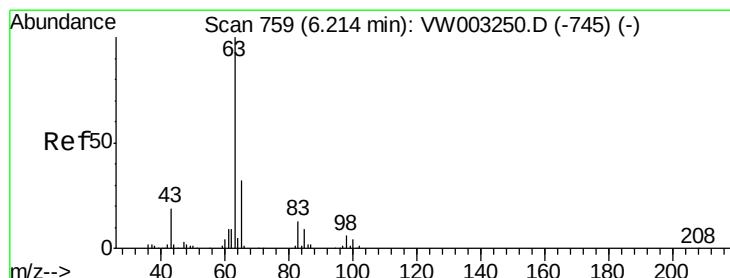
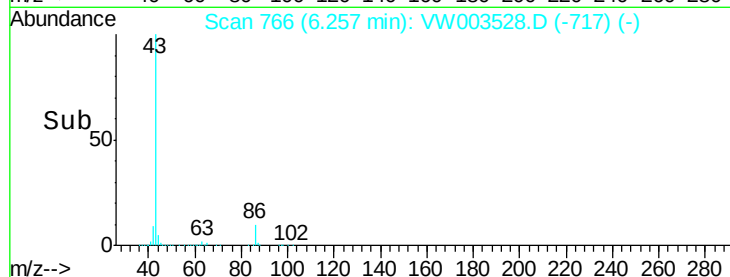
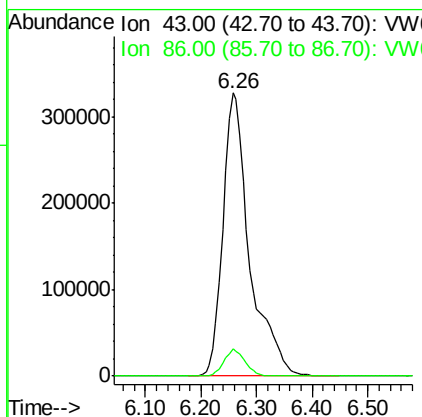
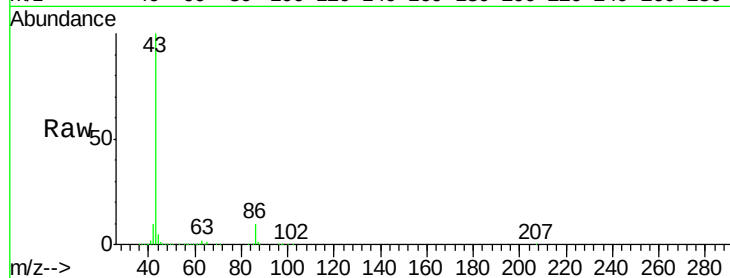
VSTDCCC050

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#24

1,1-Dichloroethane

Concen: 51.94 ug/l

RT: 6.21 min Scan# 759

Delta R.T. 0.00 min

Lab File: VW003528.D

Acq: 25 Jun 2018 00:07

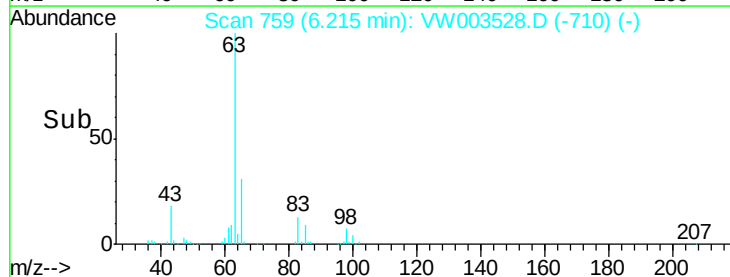
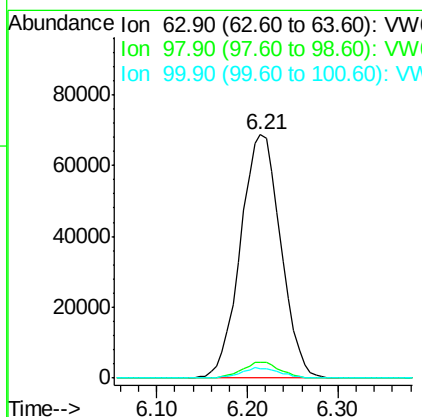
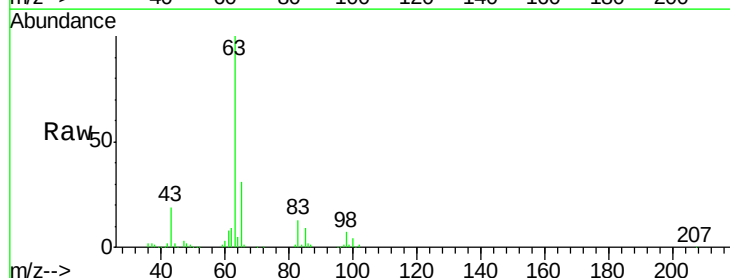
Tgt Ion: 63 Resp: 211031

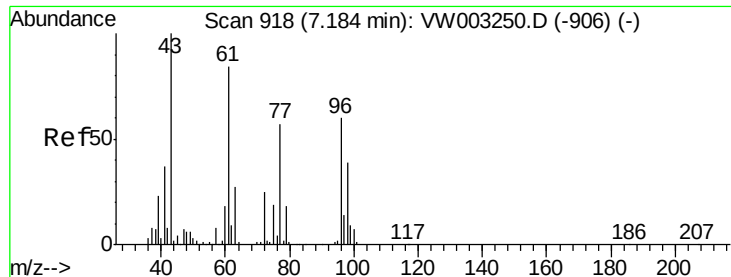
Ion Ratio Lower Upper

63 100

98 6.6 2.8 8.3

100 4.0 2.1 6.5





#25

2-Butanone

Concen: 274.82 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.00 min

Lab File: VW003528.D

Acq: 25 Jun 2018 00:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 168358

Ion Ratio Lower Upper

43 100

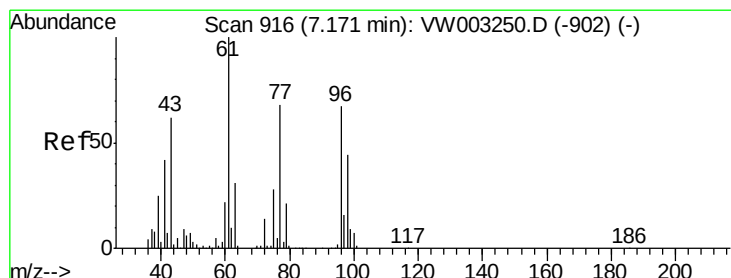
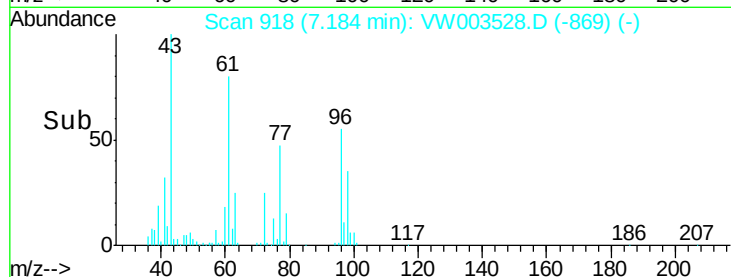
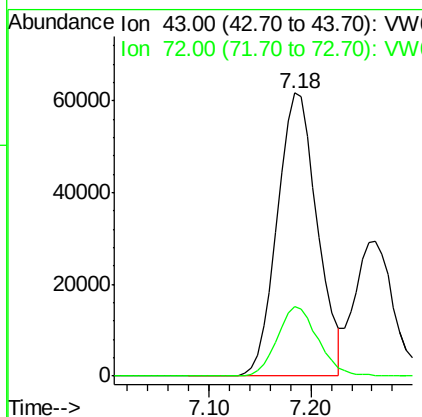
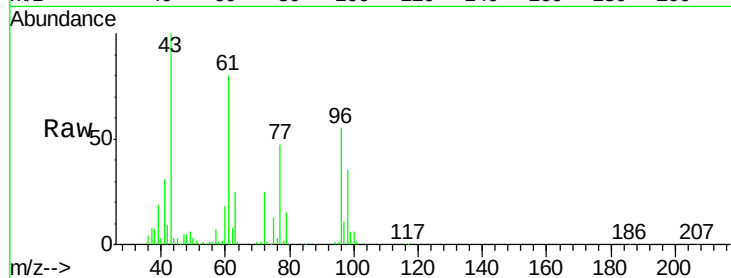
72 24.7 20.3 30.5

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 42.54 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.01 min

Lab File: VW003528.D

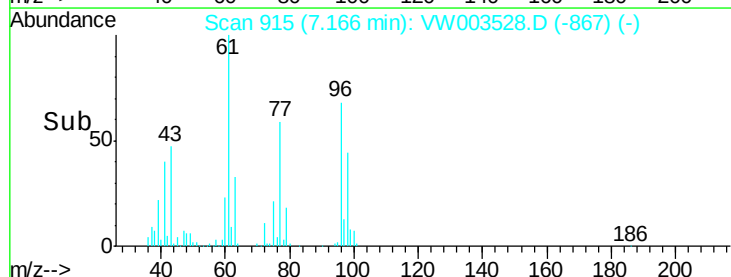
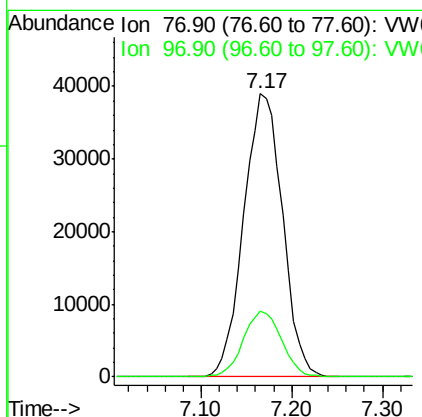
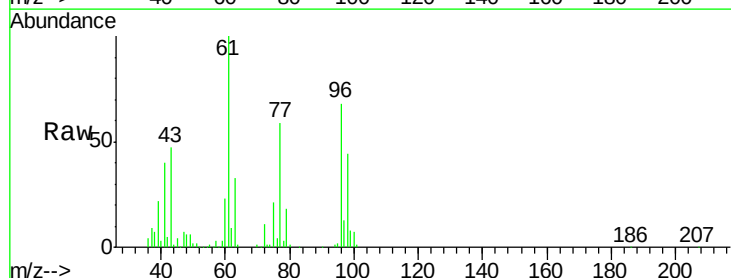
Acq: 25 Jun 2018 00:07

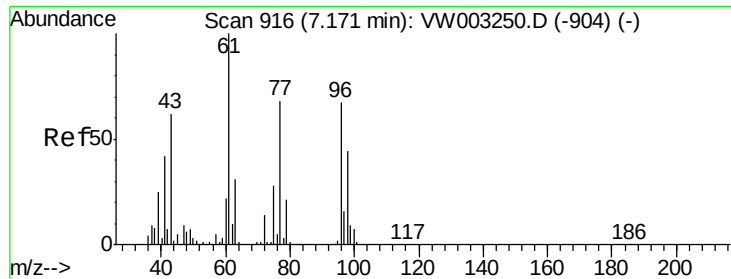
Tgt Ion: 77 Resp: 115352

Ion Ratio Lower Upper

77 100

97 22.8 11.3 33.9





#27

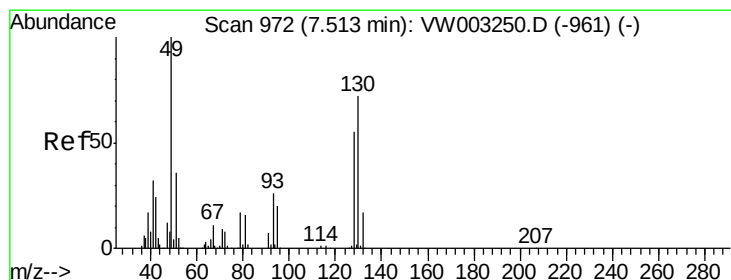
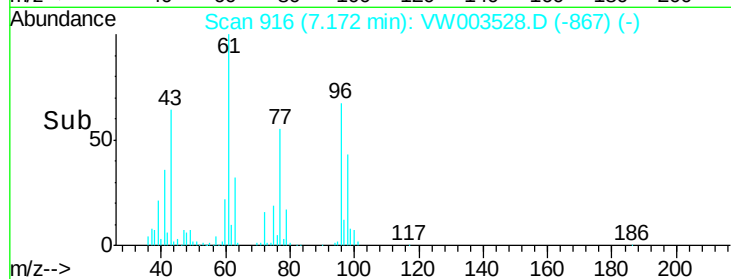
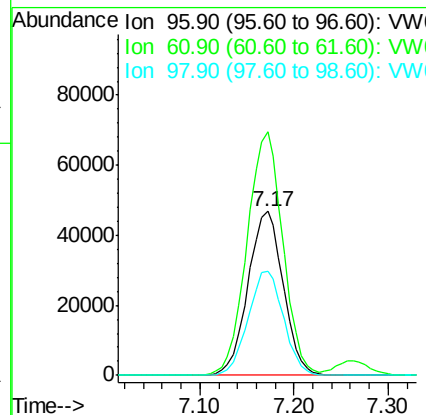
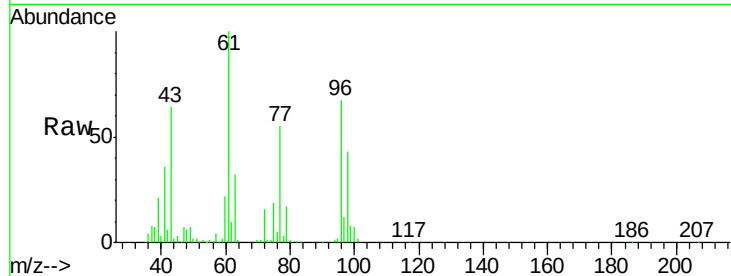
cis-1,2-Dichloroethene
Concen: 52.45 ug/l
RT: 7.17 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW003528.D
Acq: 25 Jun 2018 00:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	150.0	0.0	298.8	
98	63.7	0.0	130.4	

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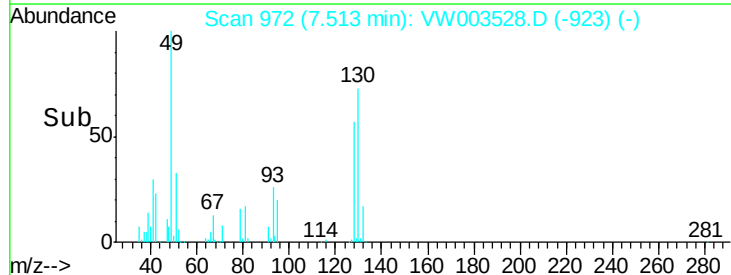
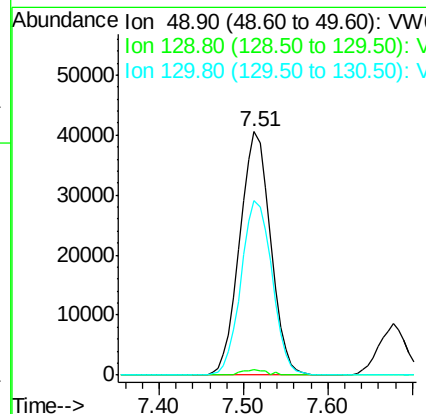
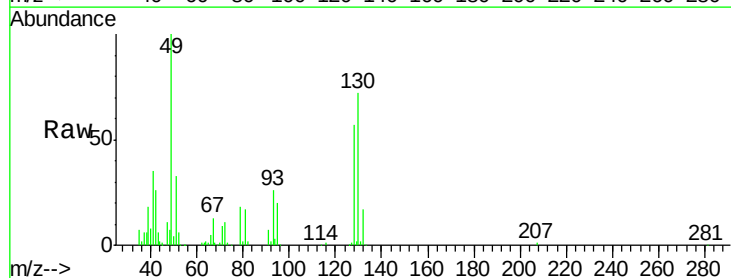
apatel
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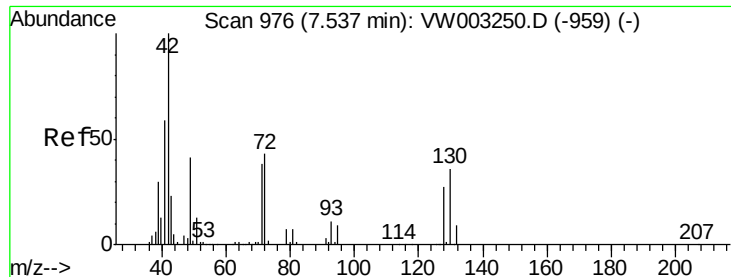


#28

Bromochloromethane
Concen: 59.39 ug/l
RT: 7.51 min Scan# 972
Delta R.T. 0.00 min
Lab File: VW003528.D
Acq: 25 Jun 2018 00:07

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.9	0.0	4.6	
130	71.9	59.4	89.2	





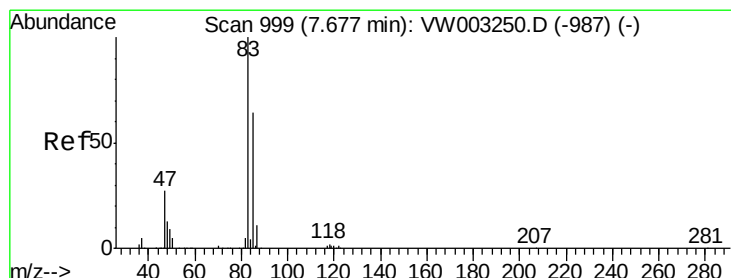
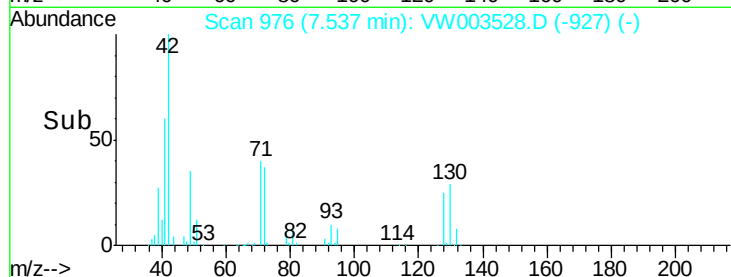
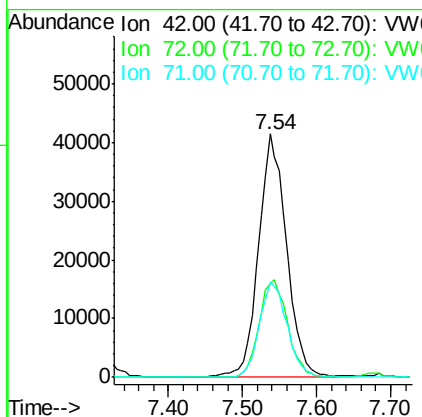
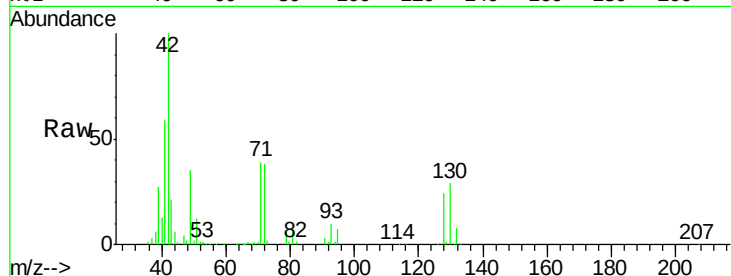
#29
Tetrahydrofuran
Concen: 291.66 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.00 min
Lab File: VW003528.D
Acq: 25 Jun 2018 00:07

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.0	32.4	48.6
71	38.9	31.2	46.8

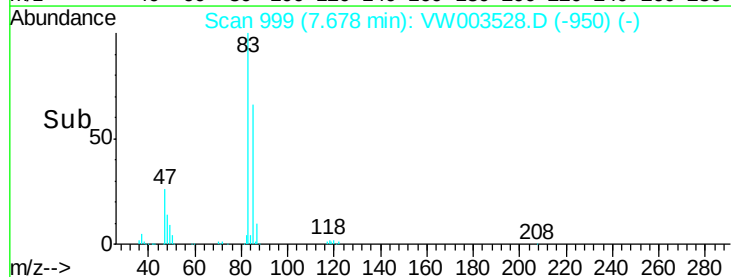
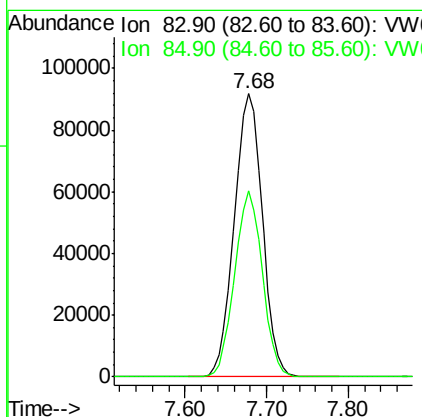
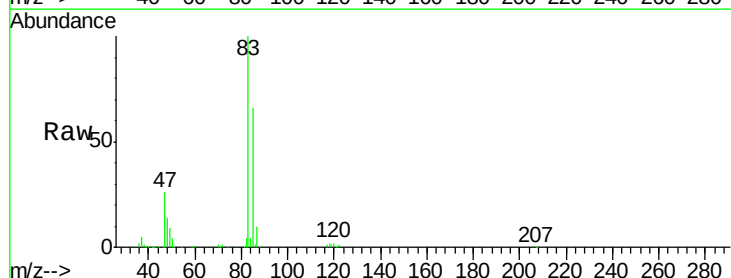
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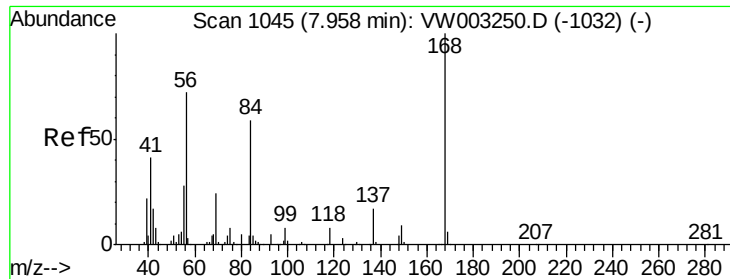
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#30
Chloroform
Concen: 52.84 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW003528.D
Acq: 25 Jun 2018 00:07

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.8	51.3	76.9





#31

Cyclohexane

Concen: 44.65 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.01 min

Lab File: VW003528.D

Acq: 25 Jun 2018 00:07

Instrument :

MSVOA_W

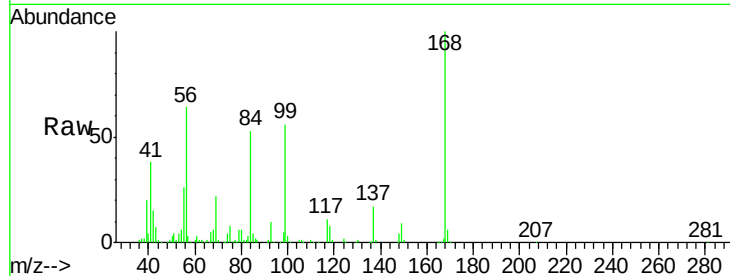
ClientSampleId :

VSTDCCC050

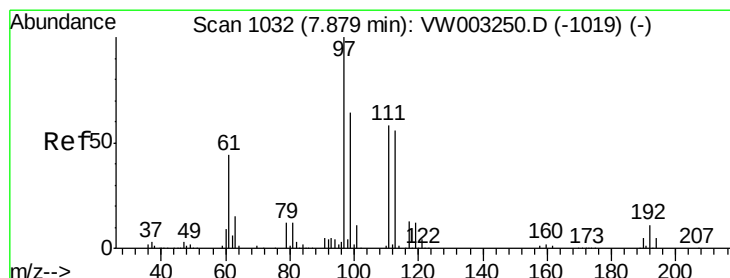
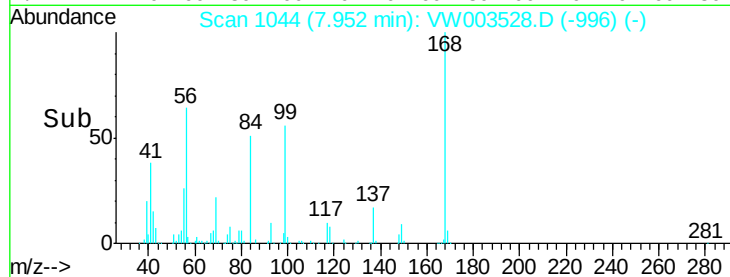
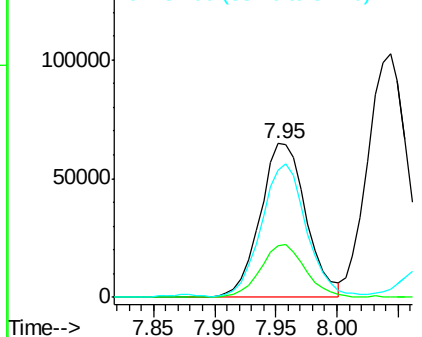
Tot Ion:	56	Resp:	169470
Ion Ratio	Lower	Upper	
56	100		
69	33.6	26.3	39.5
84	81.1	65.7	98.5

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



#32

1,1,1-Trichloroethane

Concen: 49.03 ug/l

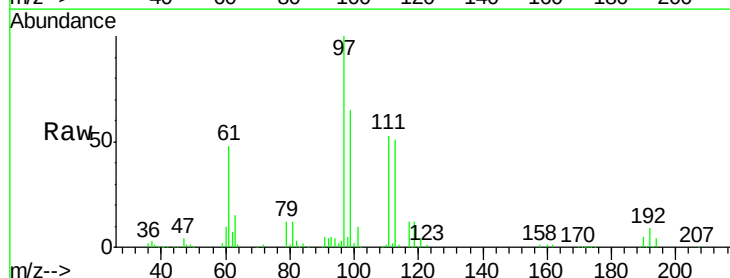
RT: 7.87 min Scan# 1031

Delta R.T. -0.01 min

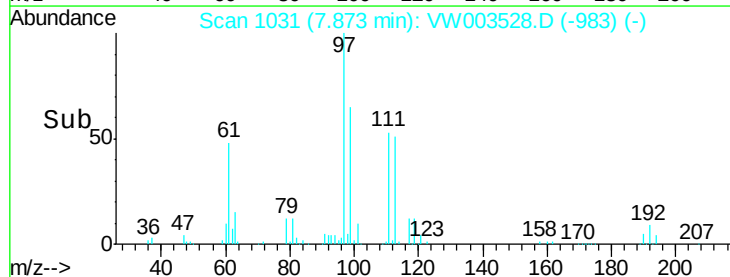
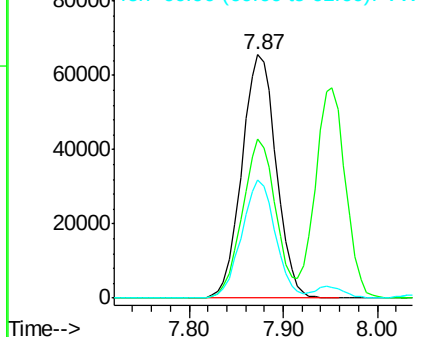
Lab File: VW003528.D

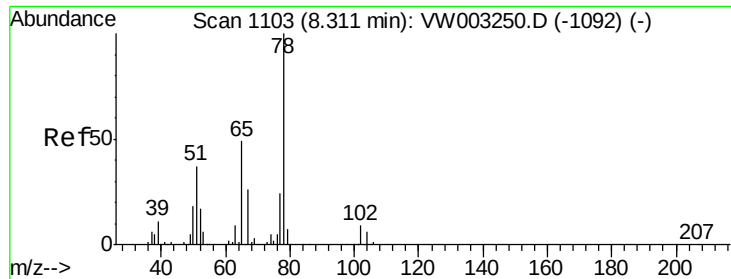
Acq: 25 Jun 2018 00:07

Tgt Ion:	97	Resp:	167524
Ion Ratio	Lower	Upper	
97	100		
99	64.3	51.7	77.5
61	47.6	37.6	56.4



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





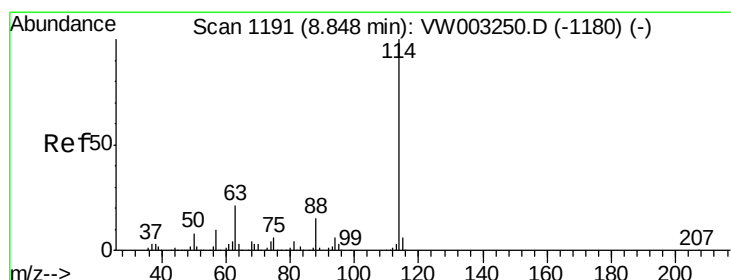
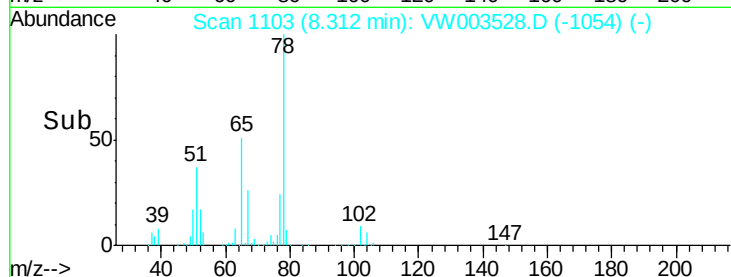
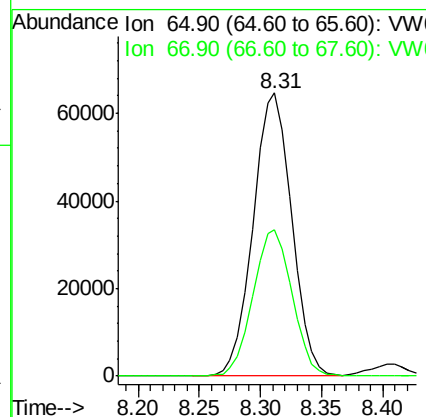
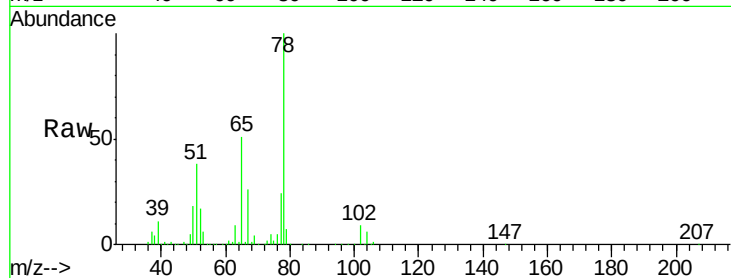
#33
 1,2-Dichloroethane-d4
 Concen: 60.52 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW003528.D
 Acq: 25 Jun 2018 00:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	142167		
67	52.4	0.0	104.2	

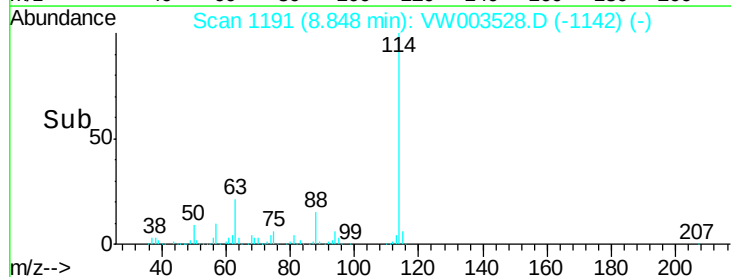
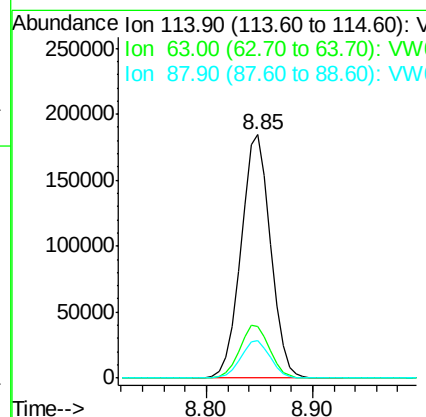
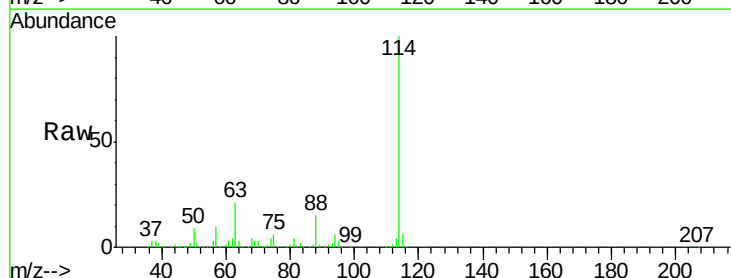
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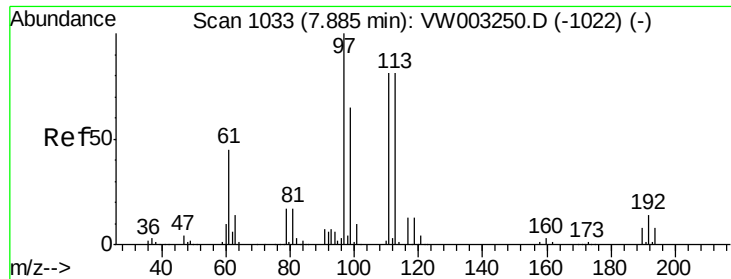
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003528.D
 Acq: 25 Jun 2018 00:07

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	358878		
63	21.3	0.0	43.0	
88	15.4	0.0	29.6	





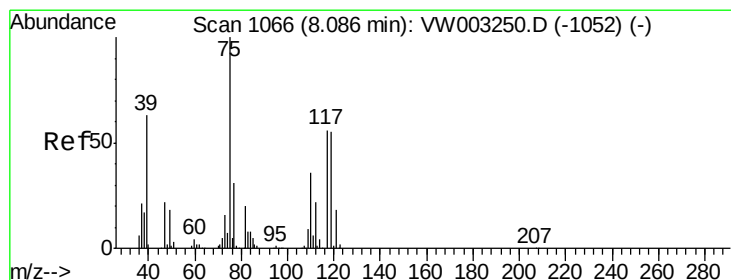
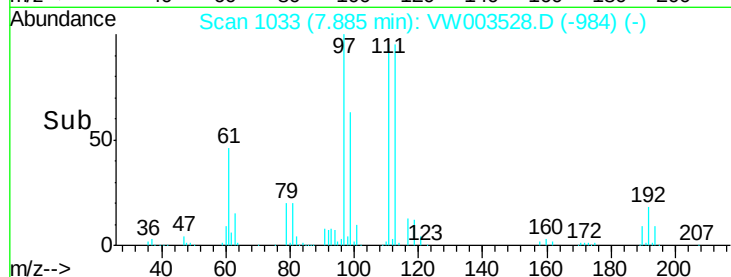
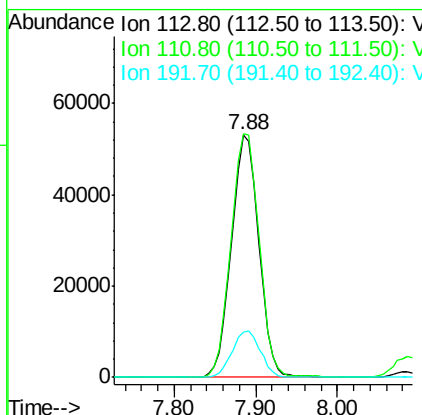
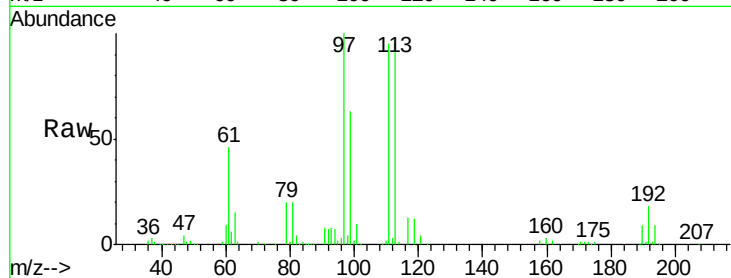
#35
 Dibromofluoromethane
 Concen: 55.11 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003528.D
 Acq: 25 Jun 2018 00:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	122884		
111	103.4	82.2	123.2	
192	19.7	16.2	24.2	

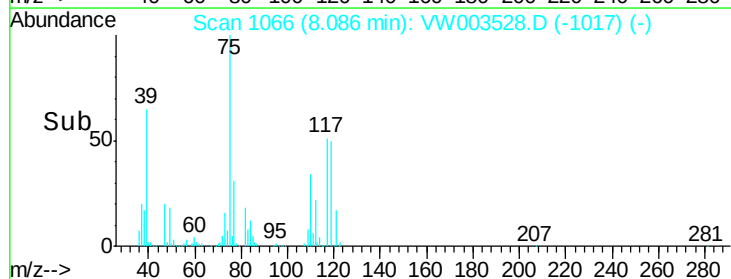
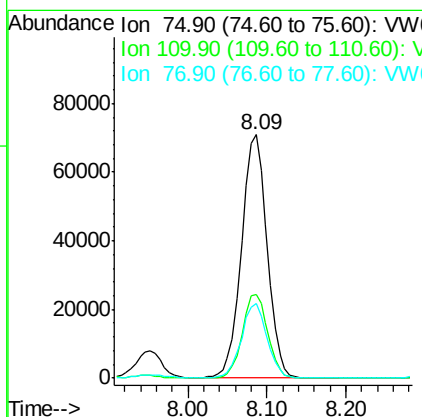
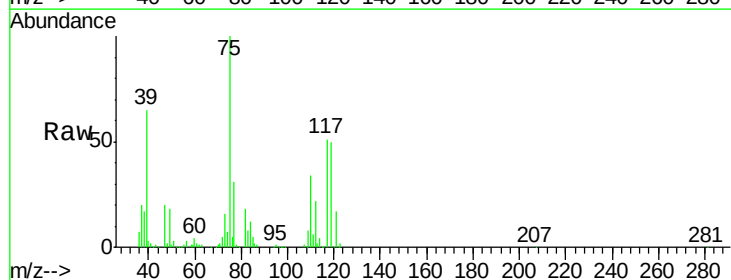
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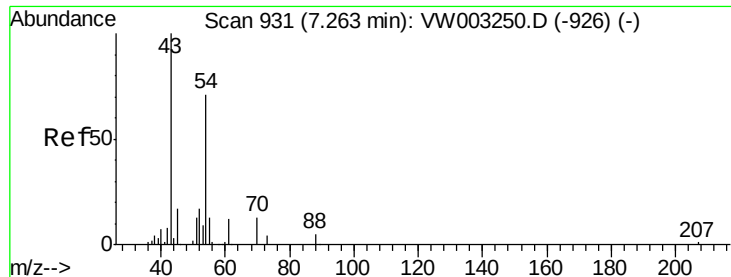
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#36
 1,1-Dichloropropene
 Concen: 46.30 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: VW003528.D
 Acq: 25 Jun 2018 00:07

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	160461		
110	34.0	17.1	51.3	
77	30.8	24.9	37.3	





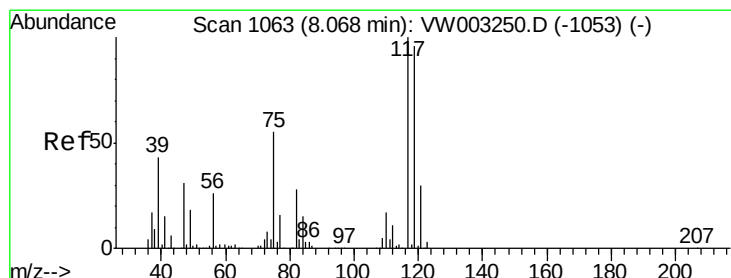
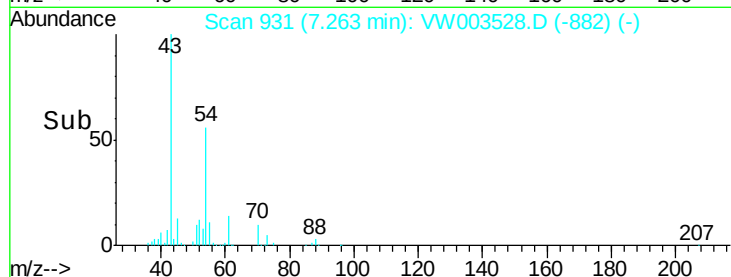
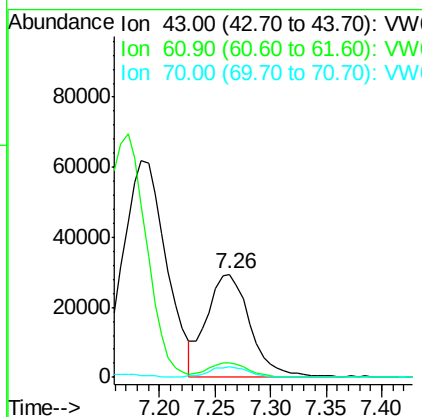
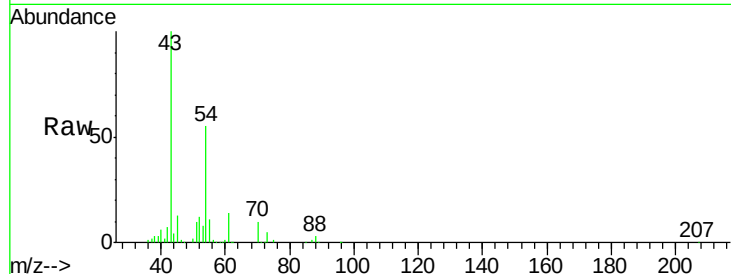
#37
Ethyl Acetate
Concen: 54.68 ug/l
RT: 7.26 min Scan# 931
Delta R.T. 0.00 min
Lab File: VW003528.D
Acq: 25 Jun 2018 00:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.2	10.8	16.2
70	9.6	7.8	11.6

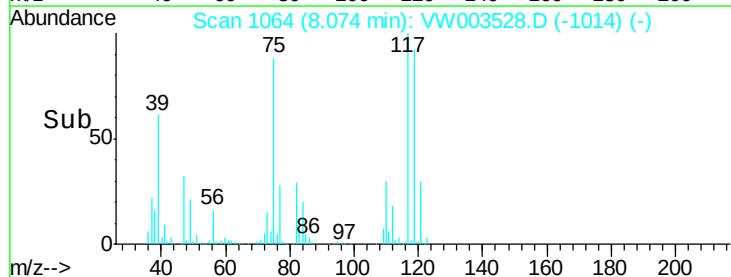
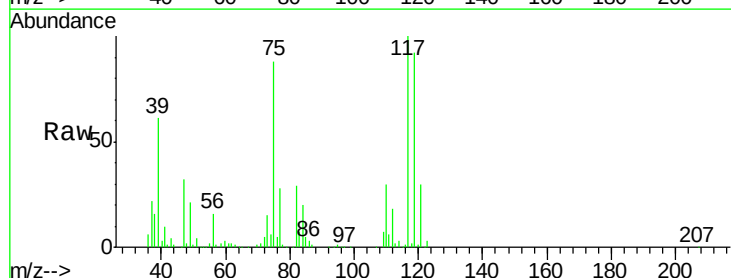
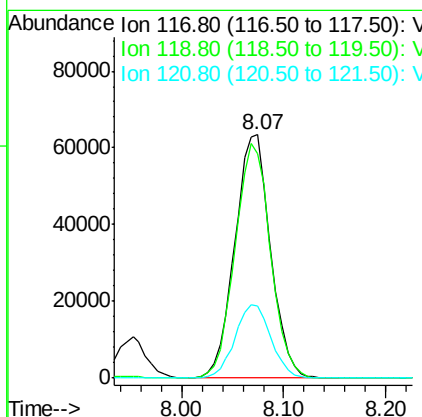
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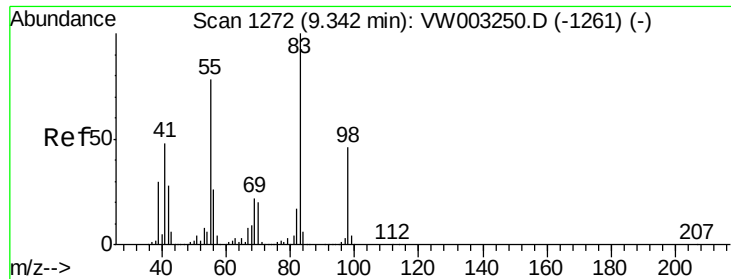
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#38
Carbon Tetrachloride
Concen: 45.25 ug/l
RT: 8.07 min Scan# 1064
Delta R.T. 0.01 min
Lab File: VW003528.D
Acq: 25 Jun 2018 00:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.0	76.6	115.0
121	29.7	23.9	35.9





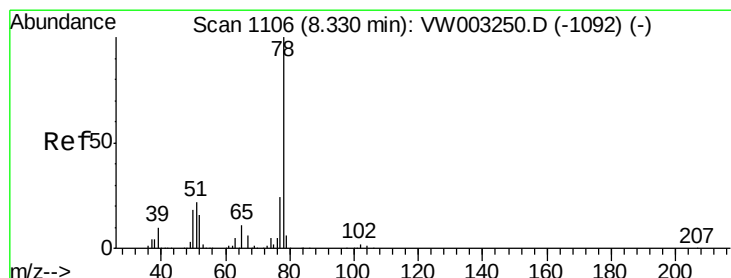
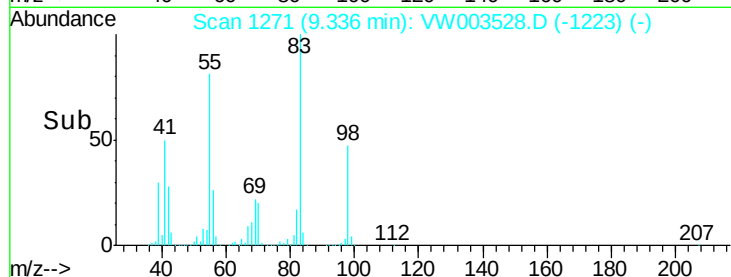
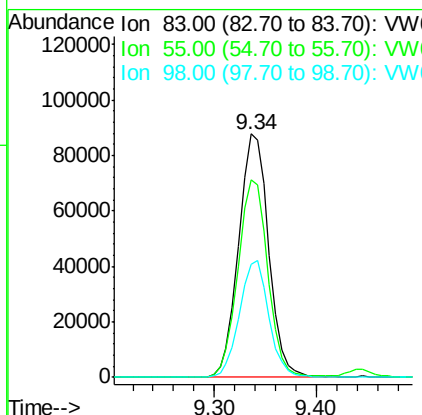
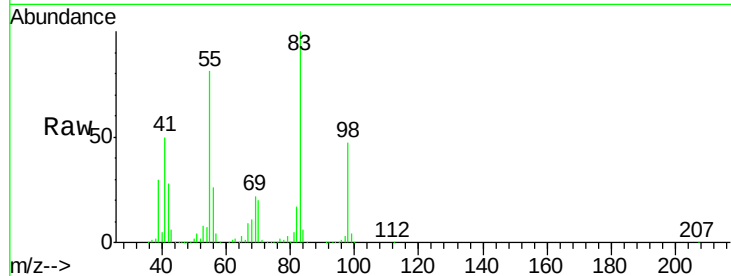
#39
Methylvlcyclohexane
Concen: 44.77 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.01 min
Lab File: VW003528.D
Acq: 25 Jun 2018 00:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	179555		
55	81.1	62.6	93.8	
98	46.7	37.0	55.4	

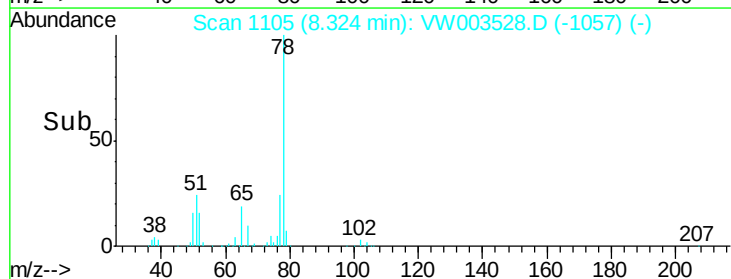
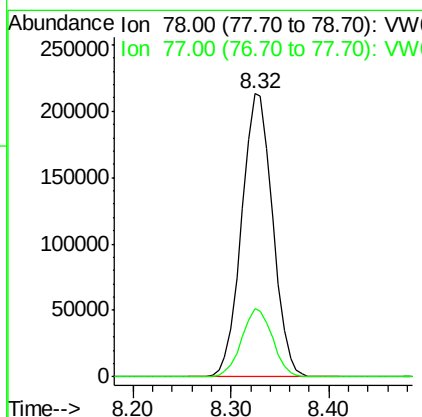
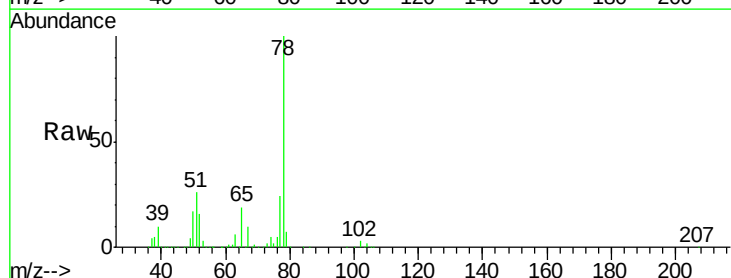
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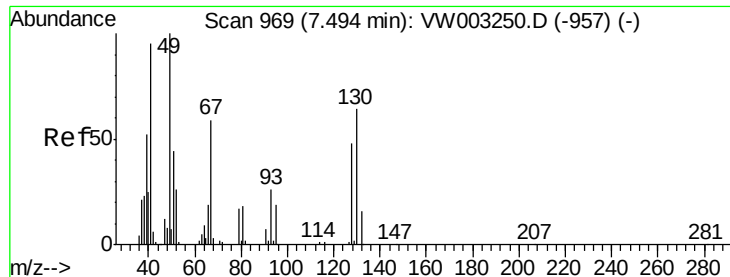
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#40
Benzene
Concen: 49.13 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.01 min
Lab File: VW003528.D
Acq: 25 Jun 2018 00:07

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	469330		
77	24.1	19.0	28.6	





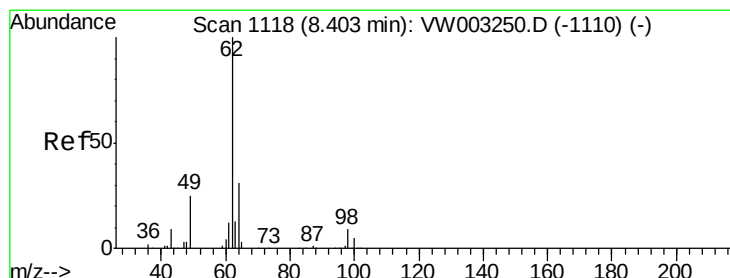
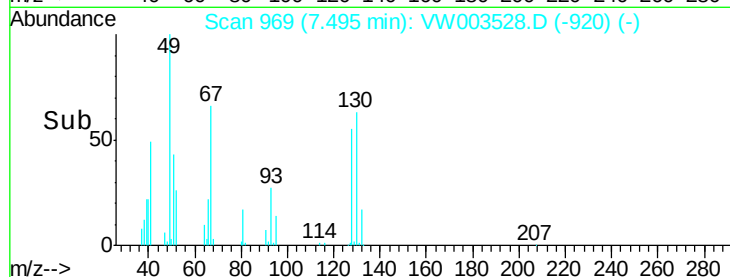
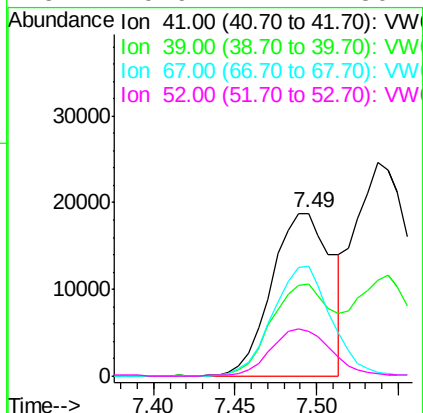
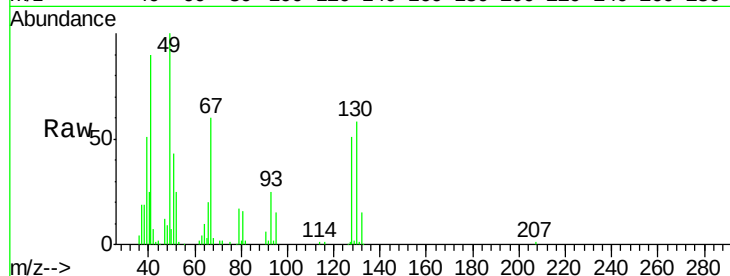
#41
Methacrylonitrile
Concen: 54.71 ug/l
RT: 7.49 min Scan# 969
Delta R.T. 0.00 min
Lab File: VW003528.D
Acq: 25 Jun 2018 00:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	41	Resp	48206
Ion	Ratio	Lower	Upper
41	100		
39	56.6	45.8	68.8
67	66.0	52.3	78.5
52	29.9	24.1	36.1

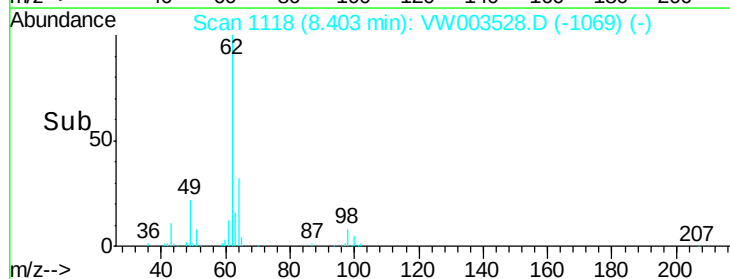
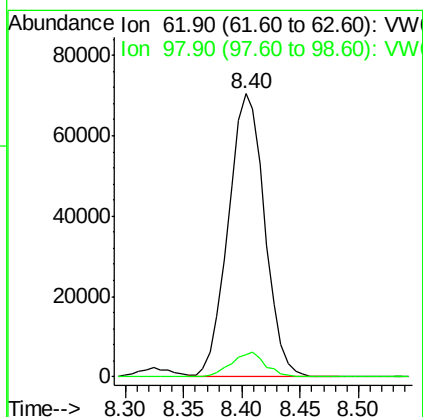
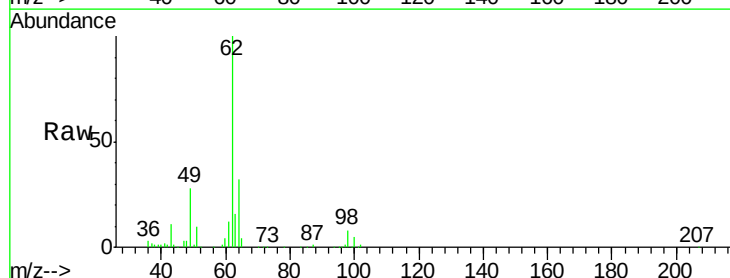
Manual Integrations
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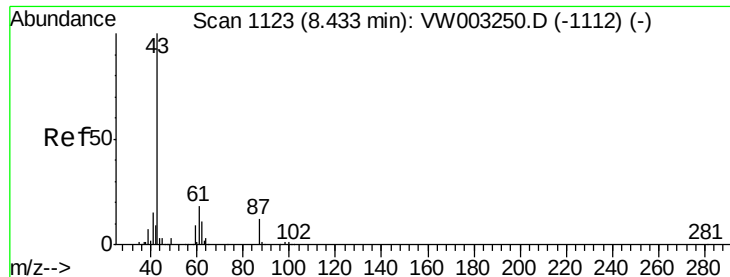
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#42
1,2-Dichloroethane
Concen: 51.24 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW003528.D
Acq: 25 Jun 2018 00:07

Tgt Ion	62	Resp	153358
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	17.2





#43

Isopropyl Acetate

Concen: 52.76 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VW003528.D

Acq: 25 Jun 2018 00:07

Instrument :

MSVOA_W

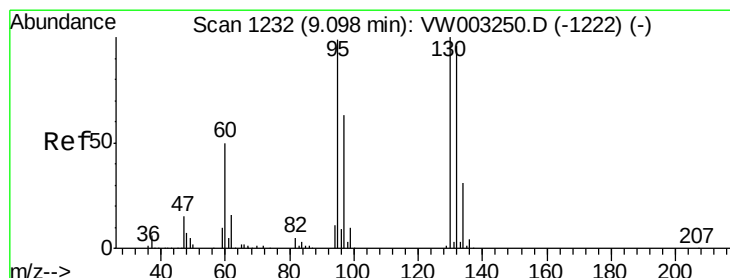
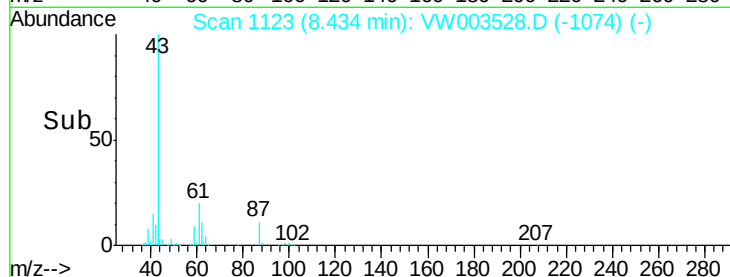
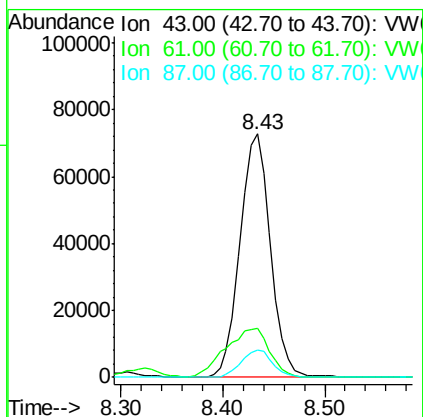
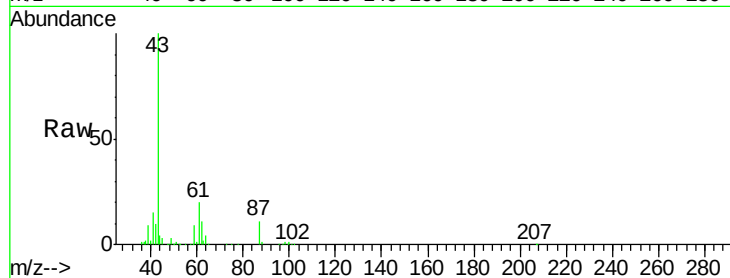
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	150424
Ion	Ratio	Lower	Upper
43	100		
61	29.2	23.1	34.7
87	11.7	9.8	14.6

Manual Integrations
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#44

Trichloroethene

Concen: 47.94 ug/l

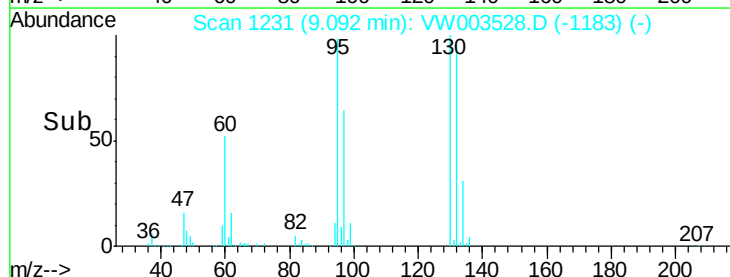
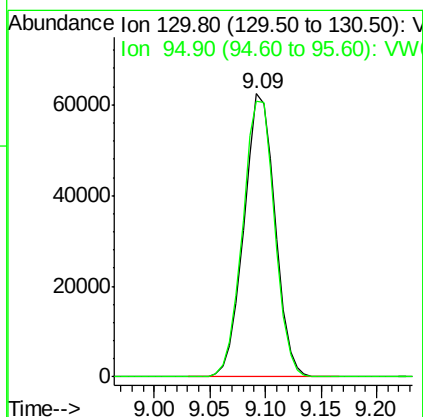
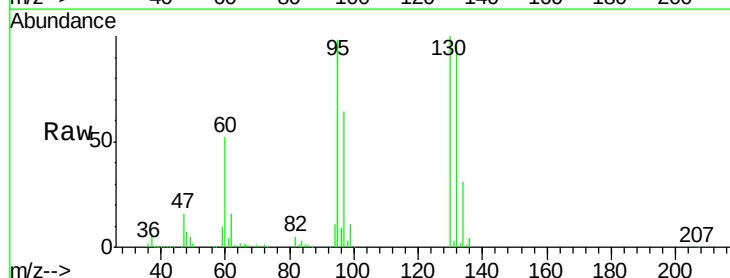
RT: 9.09 min Scan# 1231

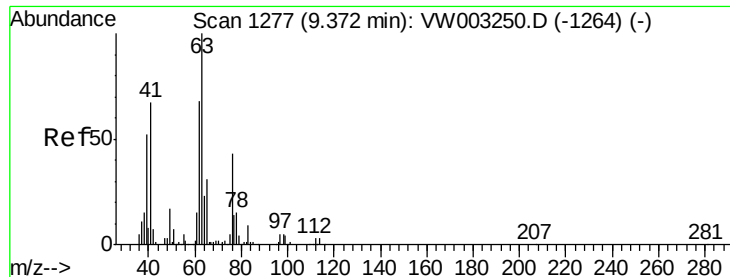
Delta R.T. -0.01 min

Lab File: VW003528.D

Acq: 25 Jun 2018 00:07

Tgt Ion:	130	Resp:	121345
Ion	Ratio	Lower	Upper
130	100		
95	97.5	0.0	198.0





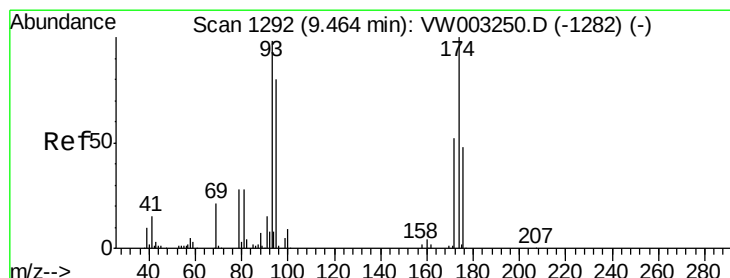
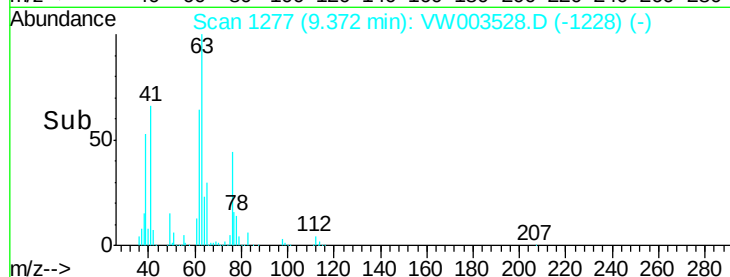
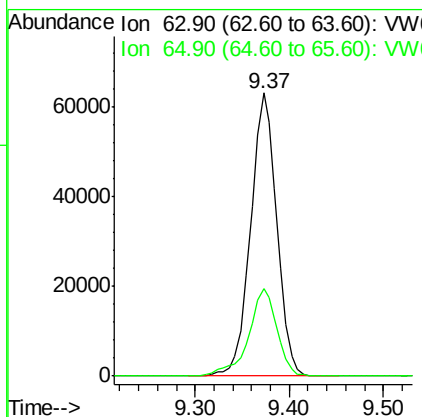
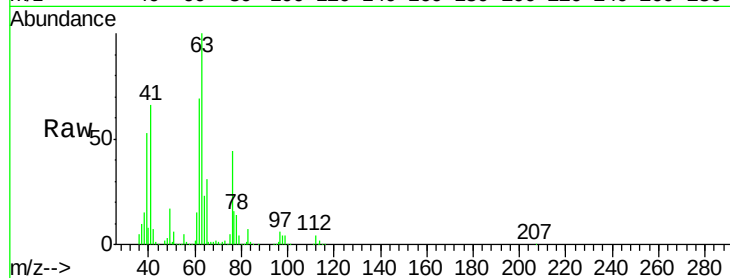
#45
 1,2-Dichloropropane
 Concen: 50.58 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW003528.D
 Acq: 25 Jun 2018 00:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.9	25.1	37.7

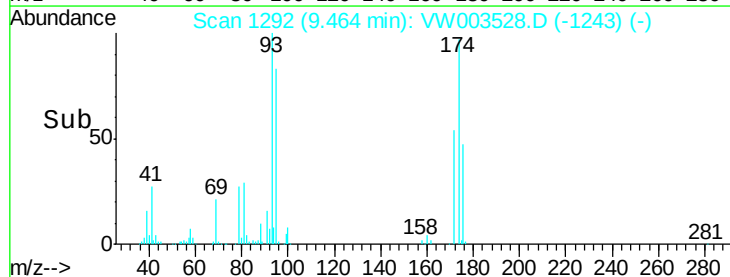
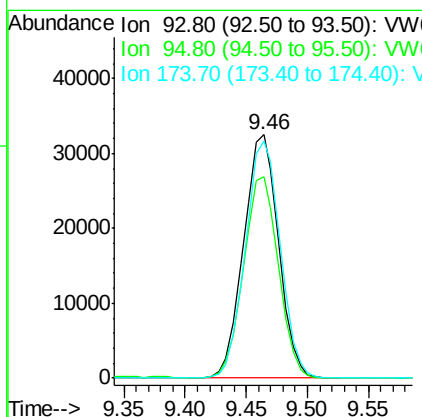
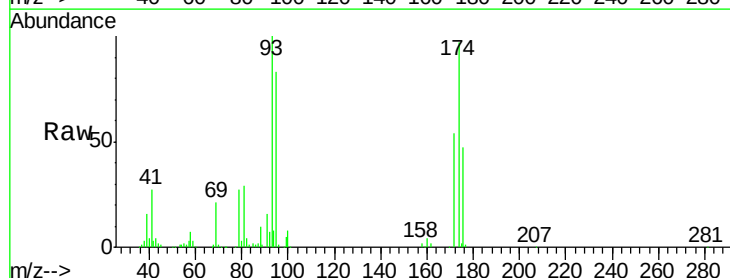
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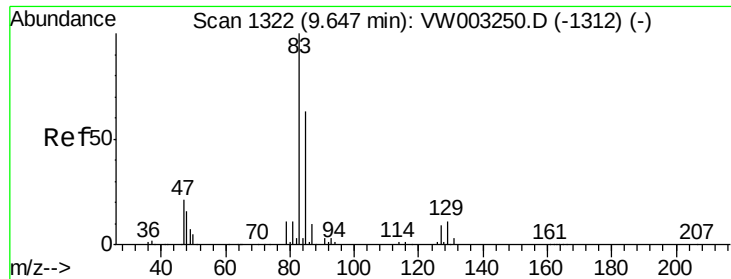
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#46
 Dibromomethane
 Concen: 51.84 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. 0.00 min
 Lab File: VW003528.D
 Acq: 25 Jun 2018 00:07

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.6	65.8	98.8
174	97.4	81.4	122.0





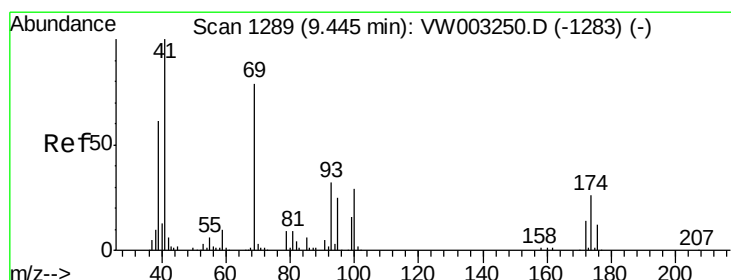
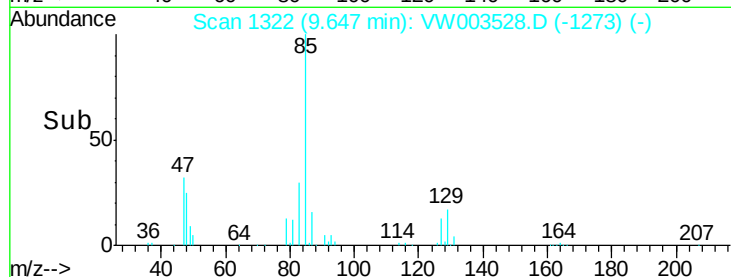
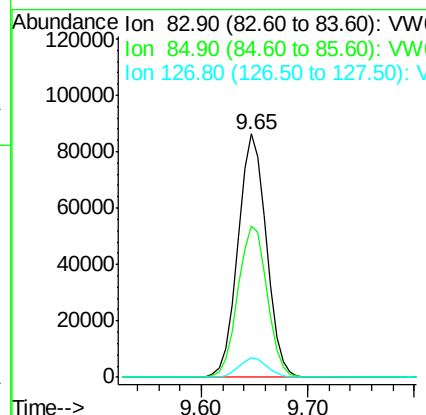
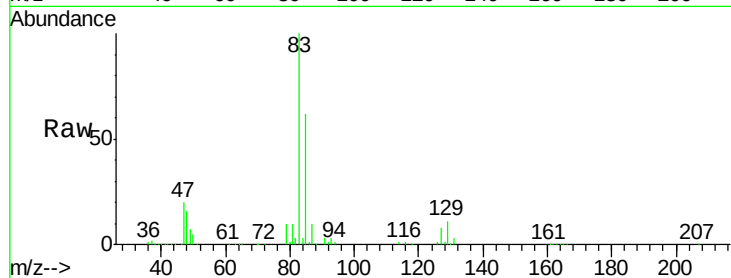
#47
Bromodichloromethane
Concen: 50.63 ug/l
RT: 9.65 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VW003528.D
Acq: 25 Jun 2018 00:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	161613		
85	62.4	50.6	75.8	
127	8.3	6.8	10.2	

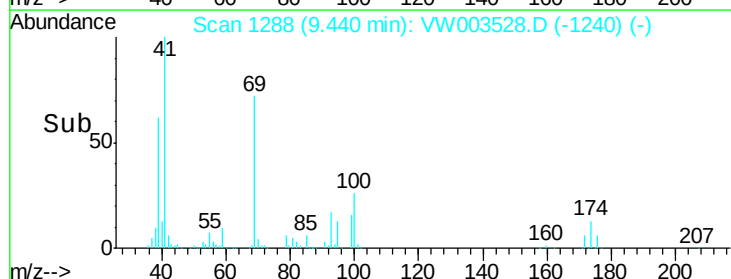
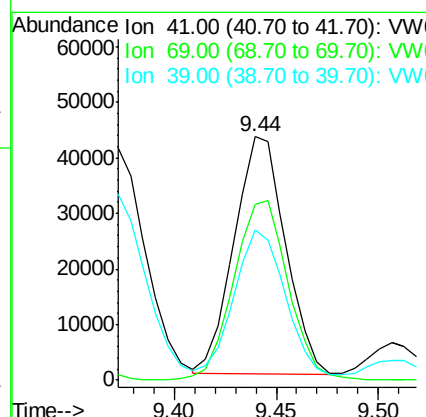
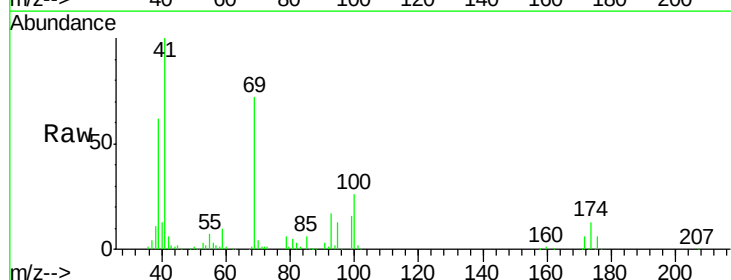
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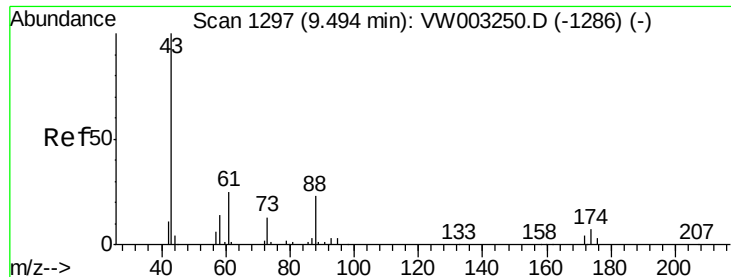
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#48
Methyl methacrylate
Concen: 55.76 ug/l
RT: 9.44 min Scan# 1288
Delta R.T. -0.01 min
Lab File: VW003528.D
Acq: 25 Jun 2018 00:07

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	74705		
69	79.7	65.4	98.2	
39	64.8	54.2	81.2	





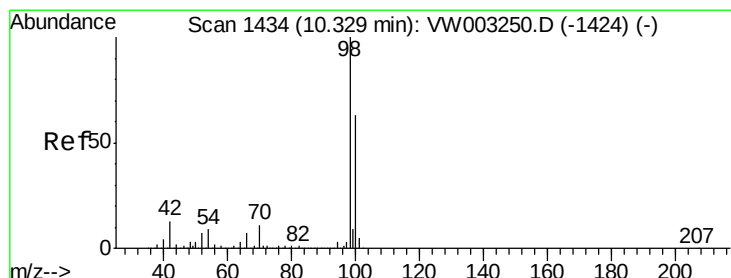
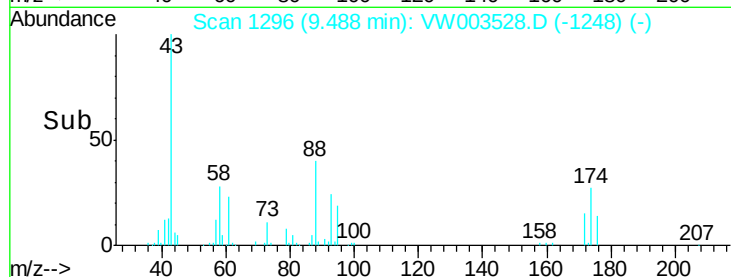
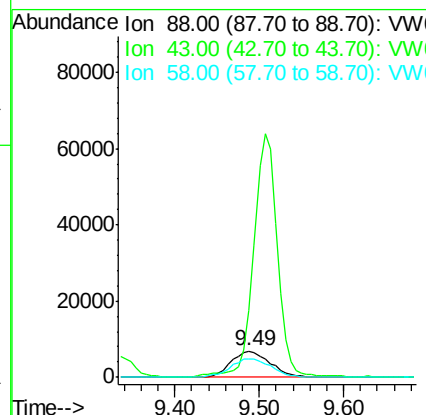
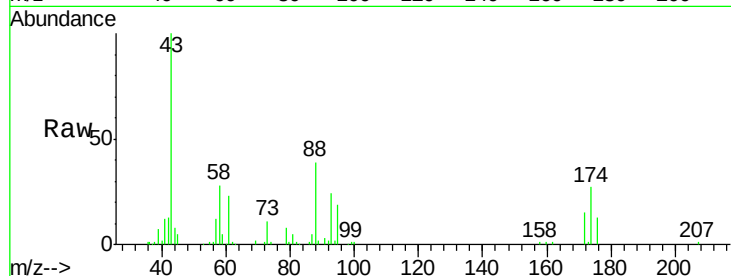
#49
 1,4-Dioxane
 Concen: 1163.73 ug/l
 RT: 9.49 min Scan# 1296
 Delta R.T. -0.01 min
 Lab File: VW003528.D
 Acq: 25 Jun 2018 00:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	88	Resp	21882
Ion	Ratio	Lower	Upper
88	100		
43	553.0	454.7	682.1
58	74.7	58.6	88.0

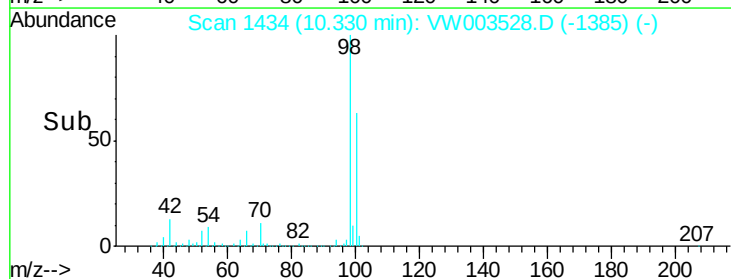
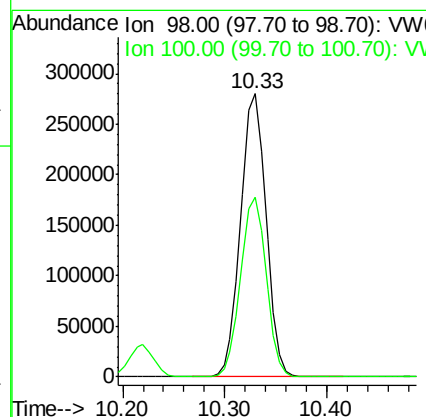
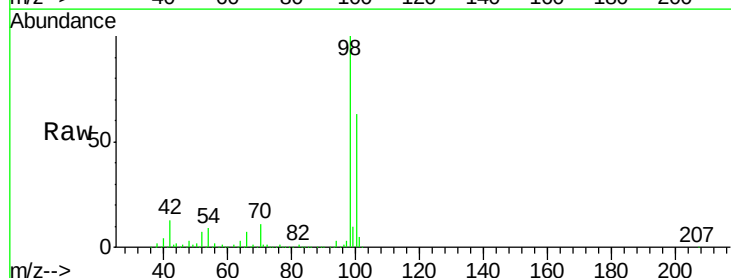
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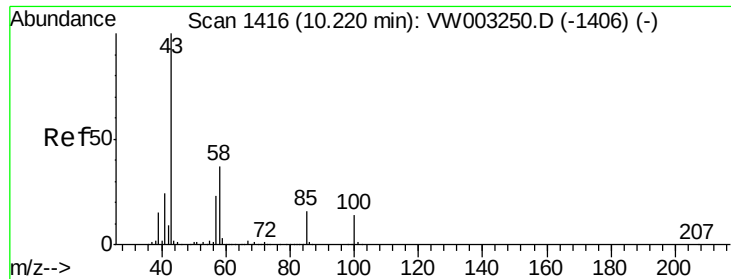
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#50
 Toluene-d8
 Concen: 54.88 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW003528.D
 Acq: 25 Jun 2018 00:07

Tgt Ion	98	Resp	485248
Ion	Ratio	Lower	Upper
98	100		
100	63.7	50.8	76.2





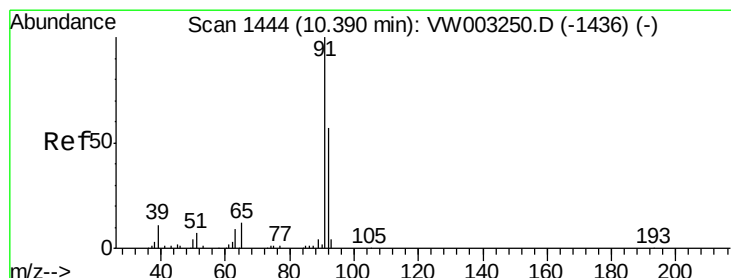
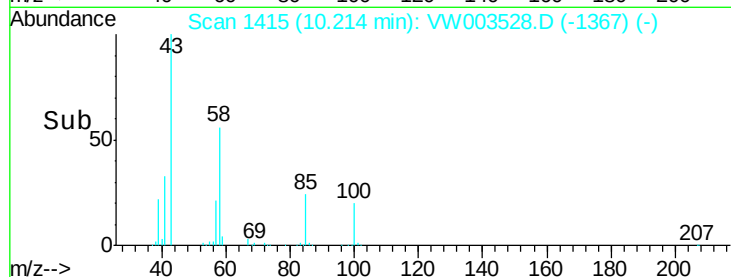
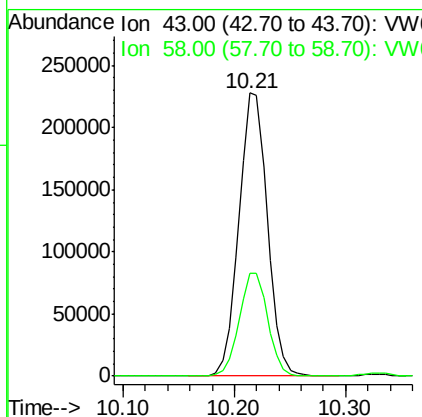
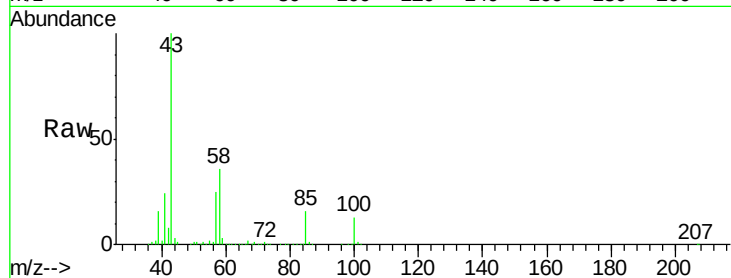
#51
4-Methyl-2-Pentanone
Concen: 278.32 ug/l
RT: 10.21 min Scan# 1415
Delta R.T. -0.01 min
Lab File: VW003528.D
Acq: 25 Jun 2018 00:07

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	43	Resp	404321
Ion Ratio	100	Lower	Upper
43	100		
58	36.6	29.0	43.4

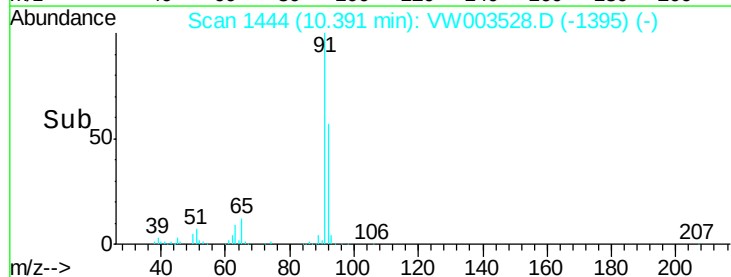
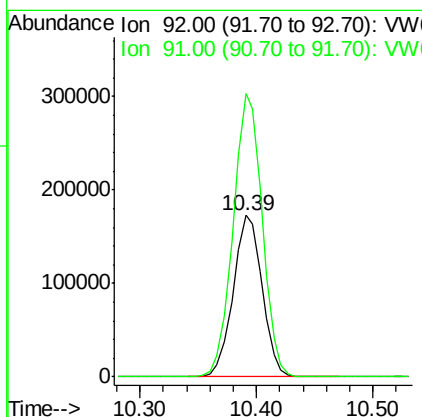
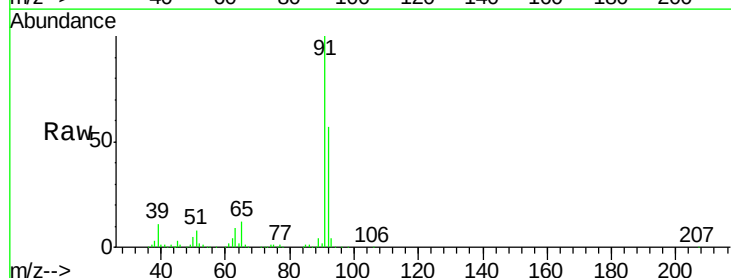
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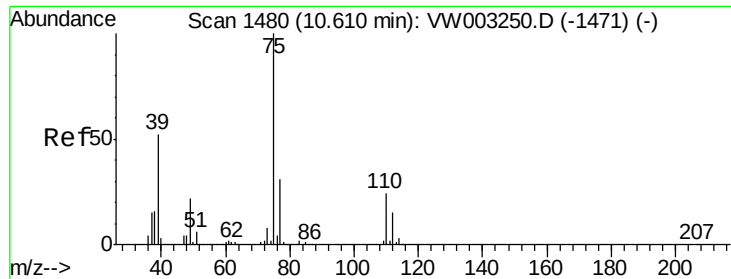
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#52
Toluene
Concen: 48.70 ug/l
RT: 10.39 min Scan# 1444
Delta R.T. 0.00 min
Lab File: VW003528.D
Acq: 25 Jun 2018 00:07

Tgt Ion	92	Resp	298336
Ion Ratio	100	Lower	Upper
92	100		
91	176.2	141.1	211.7





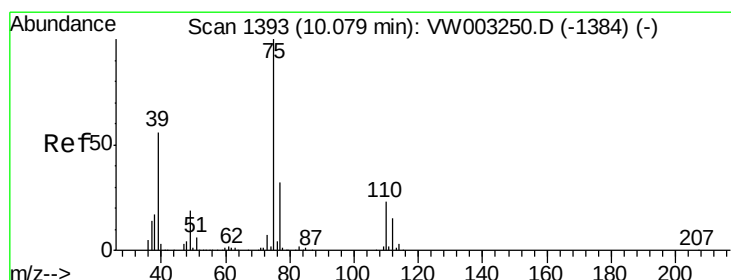
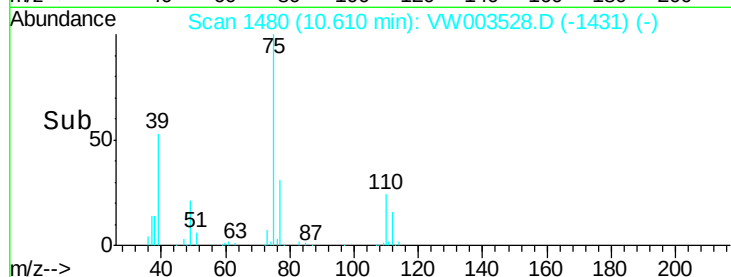
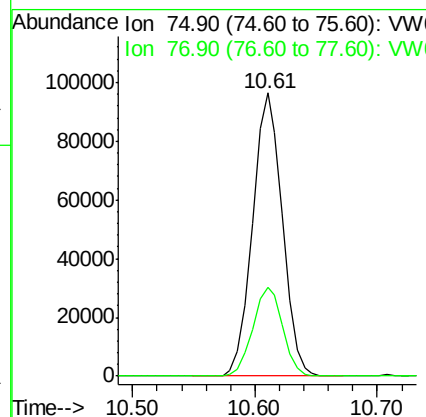
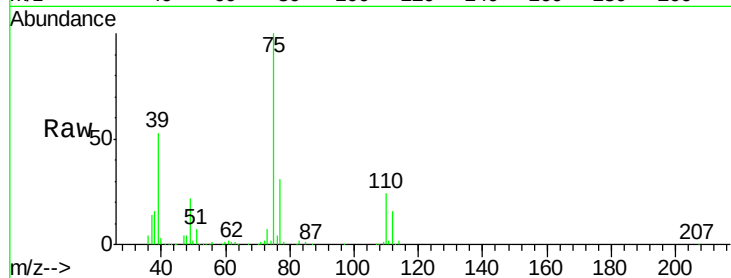
#53
 t-1,3-Dichloropropene
 Concen: 50.01 ug/l
 RT: 10.61 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: VW003528.D
 Acq: 25 Jun 2018 00:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 75 Resp: 163073
 Ion Ratio Lower Upper
 75 100
 77 31.4 24.9 37.3

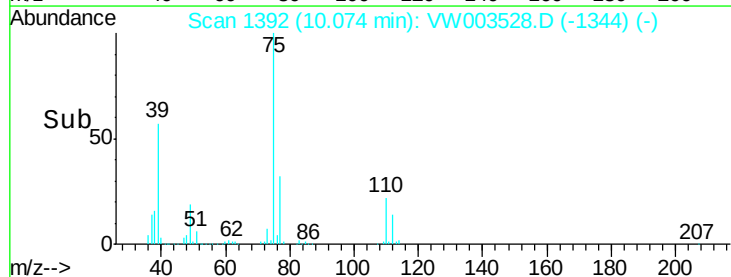
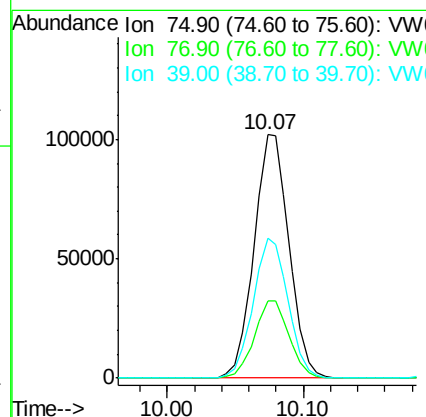
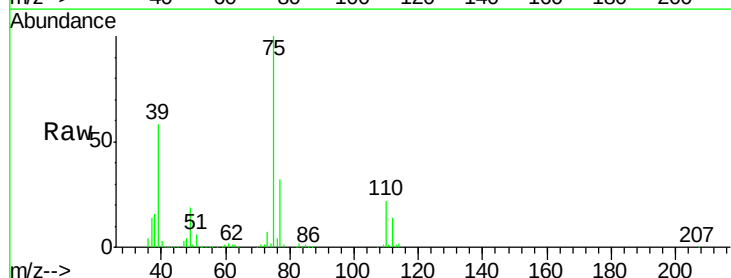
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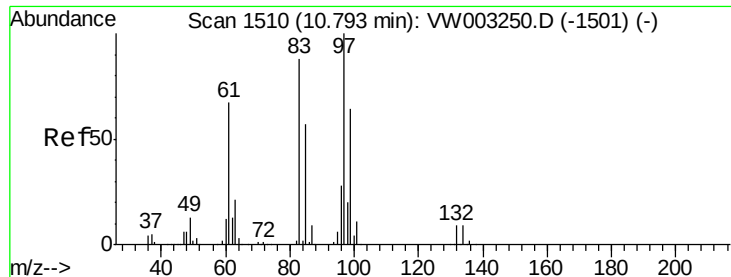
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#54
 cis-1,3-Dichloropropene
 Concen: 49.44 ug/l
 RT: 10.07 min Scan# 1392
 Delta R.T. -0.01 min
 Lab File: VW003528.D
 Acq: 25 Jun 2018 00:07

Tgt Ion: 75 Resp: 183483
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.8 38.6
 39 57.4 45.2 67.8





#55

1,1,2-Trichloroethane

Concen: 51.68 ug/l

RT: 10.79 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VW003528.D

Acq: 25 Jun 2018 00:07

Instrument :

MSVOA_W

ClientSampleId :

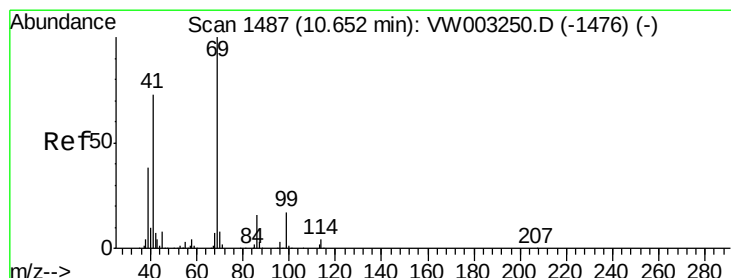
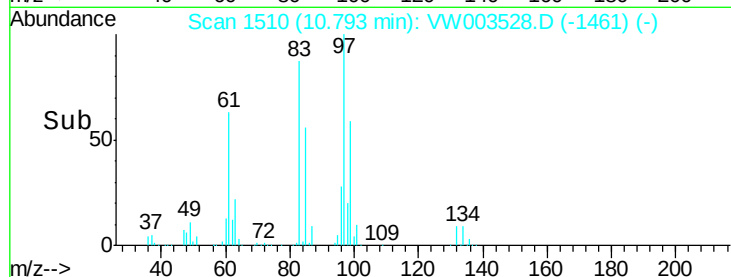
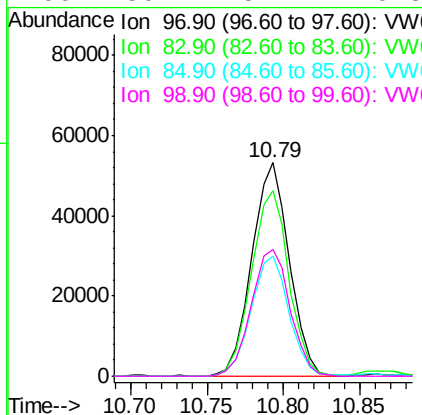
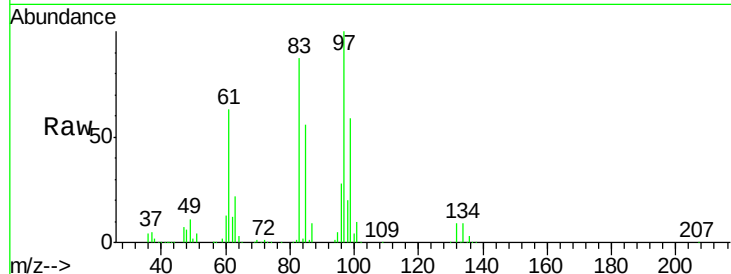
VSTDCCC050

Tot Ion:	97	Resp:	90698
Ion	Ratio	Lower	Upper
97	100		
83	87.0	70.2	105.2
85	56.4	45.6	68.4
99	59.2	51.2	76.8

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#56

Ethyl methacrylate

Concen: 55.12 ug/l

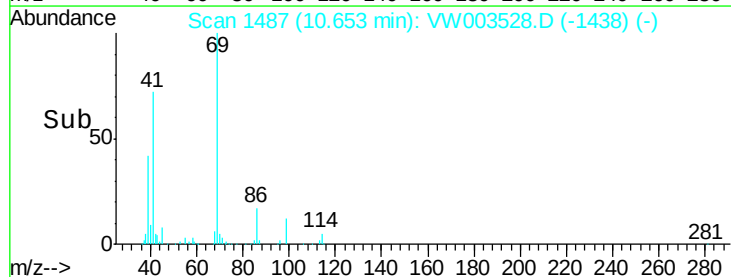
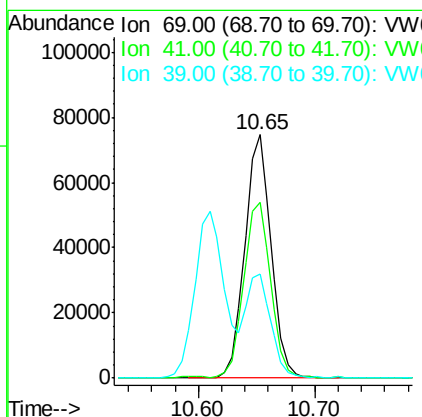
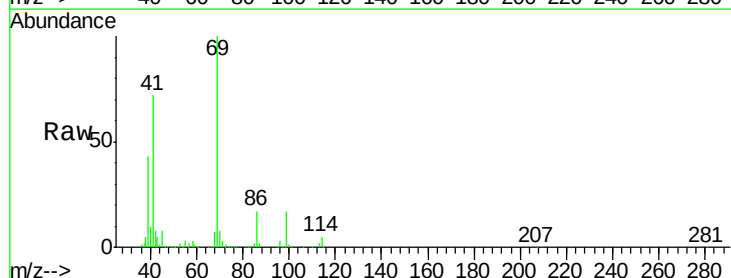
RT: 10.65 min Scan# 1487

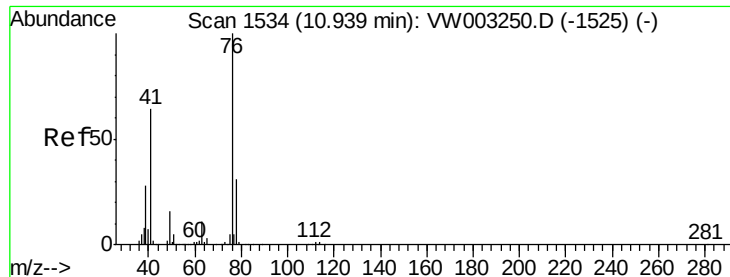
Delta R.T. 0.00 min

Lab File: VW003528.D

Acq: 25 Jun 2018 00:07

Tgt Ion:	69	Resp:	117451
Ion	Ratio	Lower	Upper
69	100		
41	73.6	57.8	86.6
39	40.2	32.7	49.1





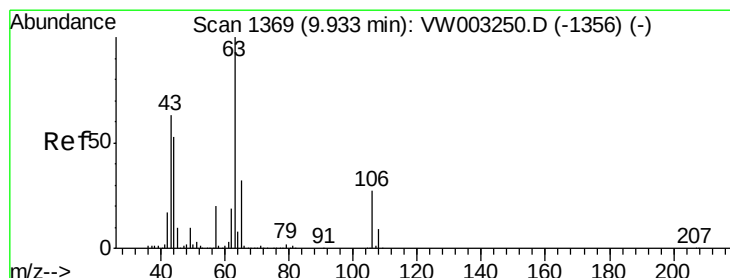
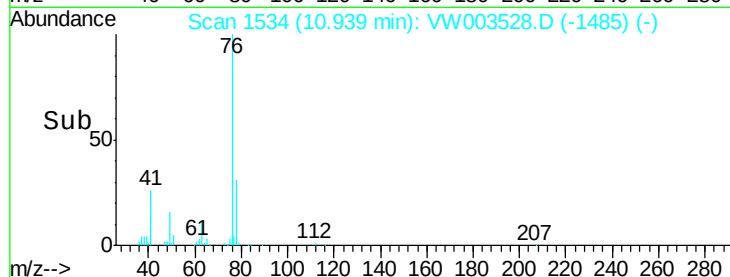
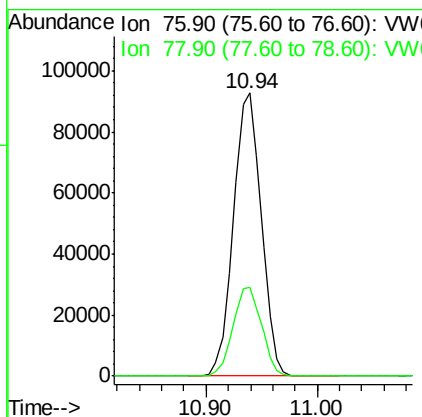
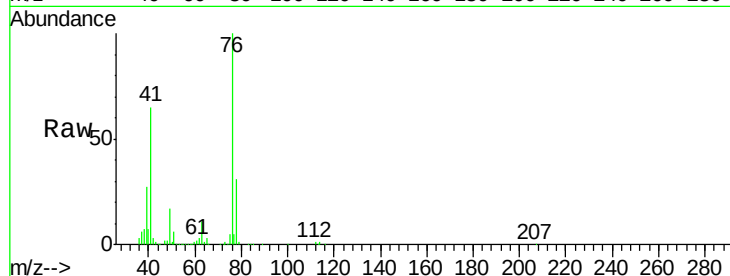
#57
 1,3-Dichloropropane
 Concen: 53.02 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VW003528.D
 Acq: 25 Jun 2018 00:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 160484
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.7 38.5

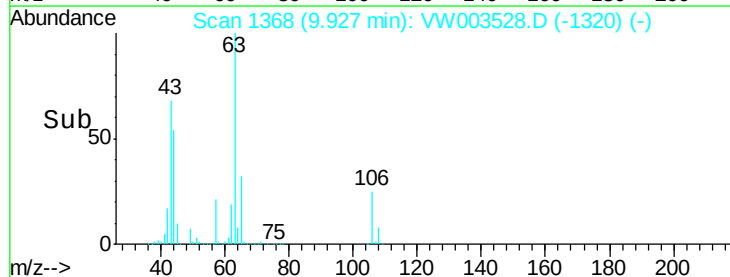
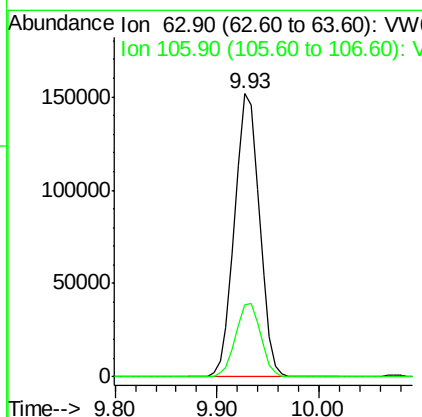
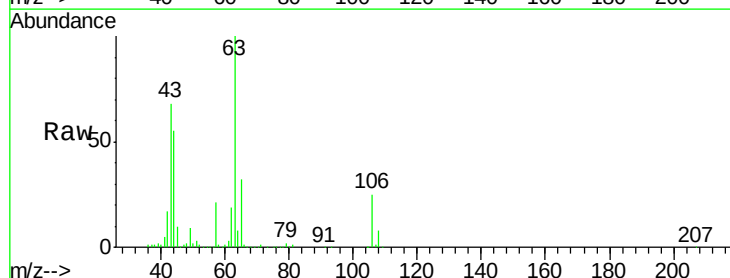
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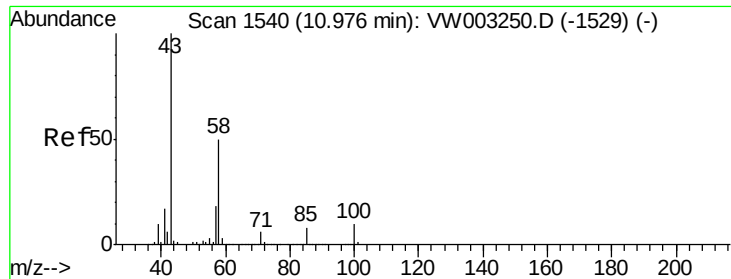
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#58
 2-Chloroethyl Vinyl ether
 Concen: 267.63 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: VW003528.D
 Acq: 25 Jun 2018 00:07

Tgt Ion: 63 Resp: 255658
 Ion Ratio Lower Upper
 63 100
 106 26.2 21.8 32.8





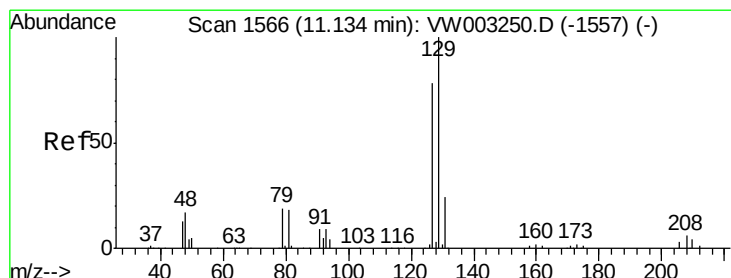
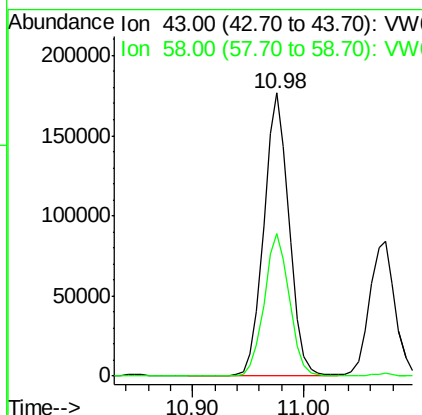
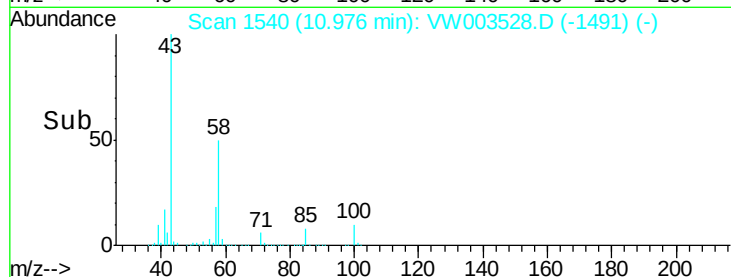
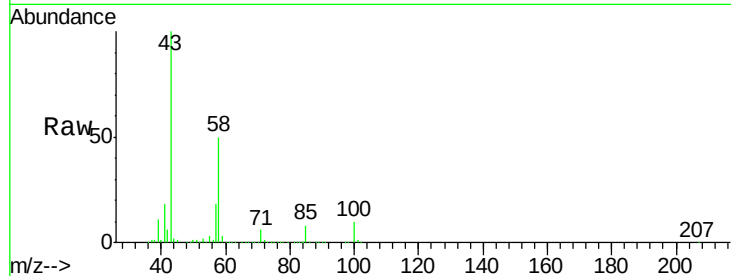
#59
2-Hexanone
Concen: 275.24 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW003528.D
Acq: 25 Jun 2018 00:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 279332
Ion Ratio Lower Upper
43 100
58 50.1 25.0 75.0

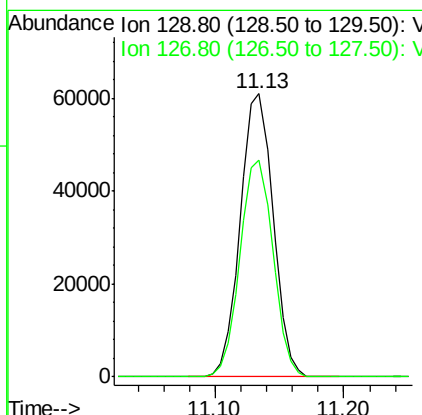
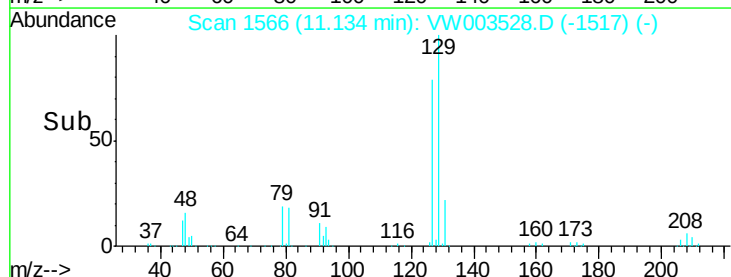
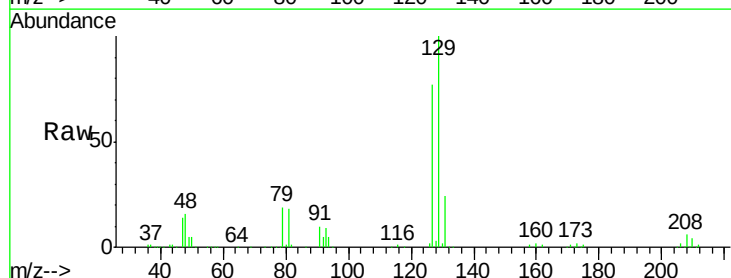
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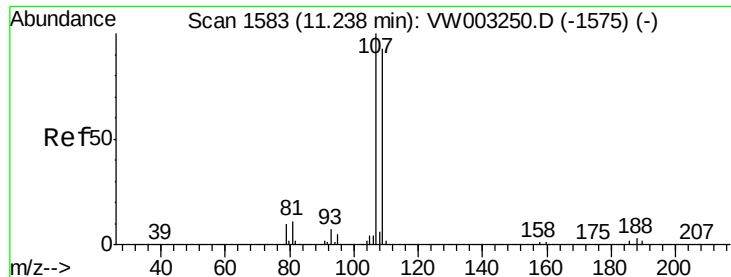
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#60
Dibromochloromethane
Concen: 51.77 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW003528.D
Acq: 25 Jun 2018 00:07

Tgt Ion: 129 Resp: 108044
Ion Ratio Lower Upper
129 100
127 77.1 39.1 117.5





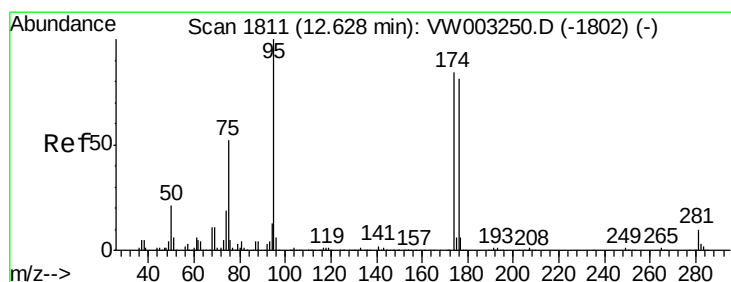
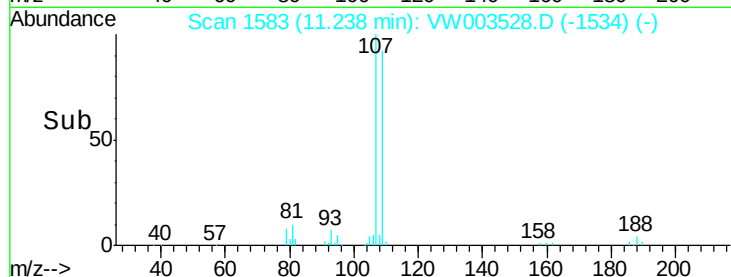
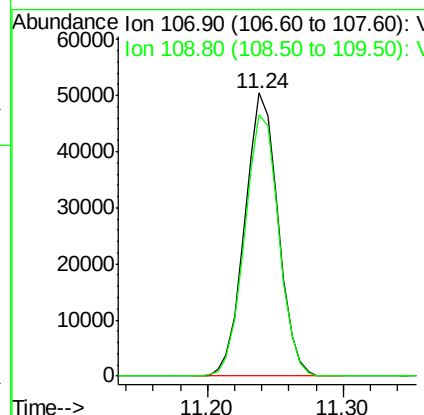
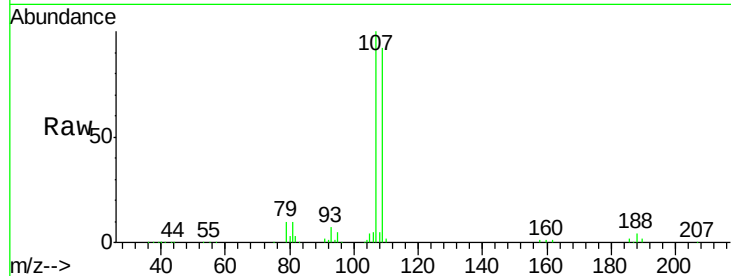
#61
 1,2-Dibromoethane
 Concen: 52.16 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW003528.D
 Acq: 25 Jun 2018 00:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.4	75.8	113.6

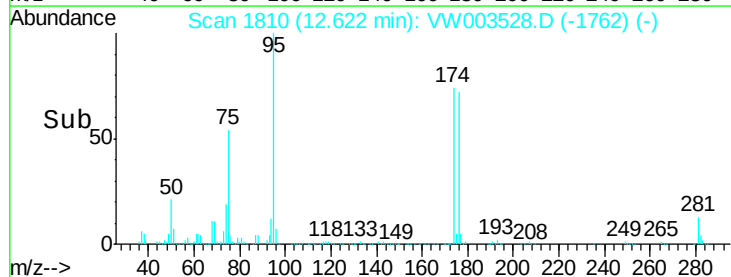
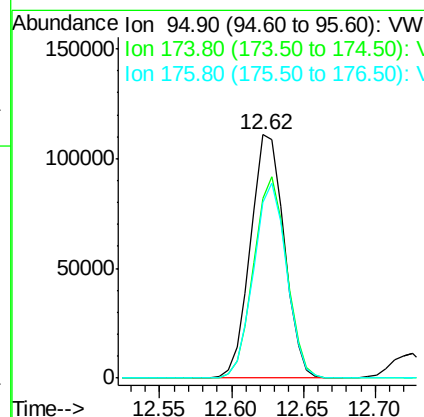
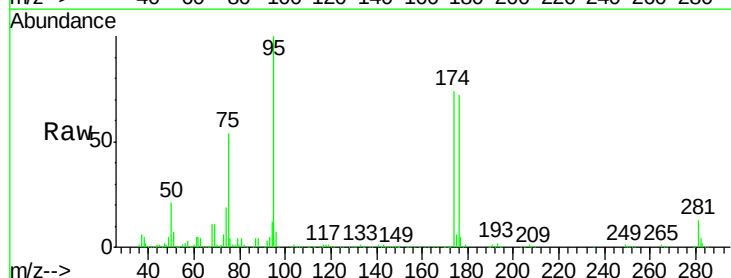
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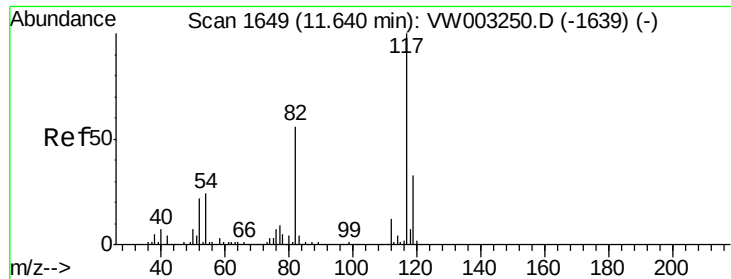
apatel
 6/26/2018 4:39:23 PM



#62
 4-Bromofluorobenzene
 Concen: 57.24 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.01 min
 Lab File: VW003528.D
 Acq: 25 Jun 2018 00:07

Tgt Ion	Ratio	Lower	Upper
95	100		
174	80.5	0.0	166.4
176	78.2	0.0	162.0





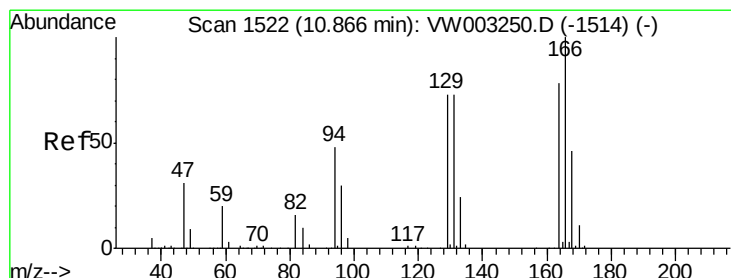
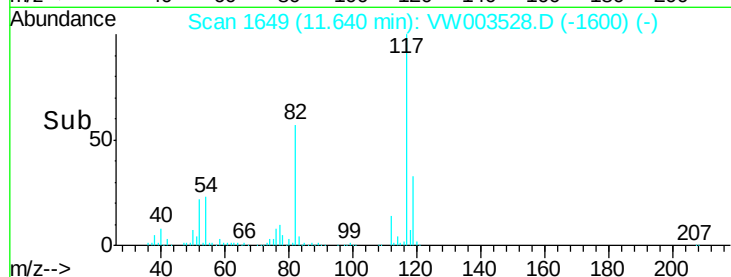
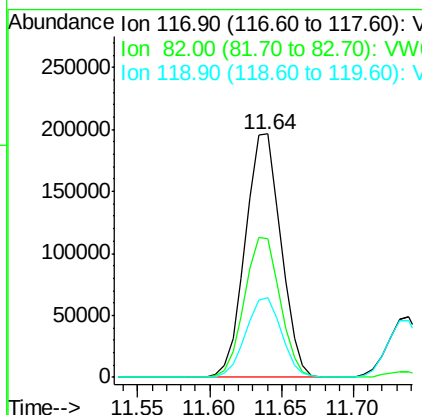
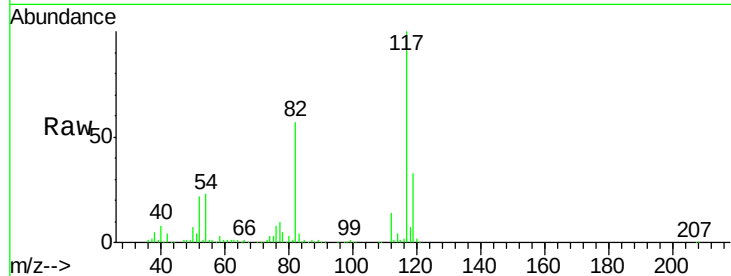
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VW003528.D
Acq: 25 Jun 2018 00:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	335999		
82	56.7		44.6	67.0
119	32.7		26.7	40.1

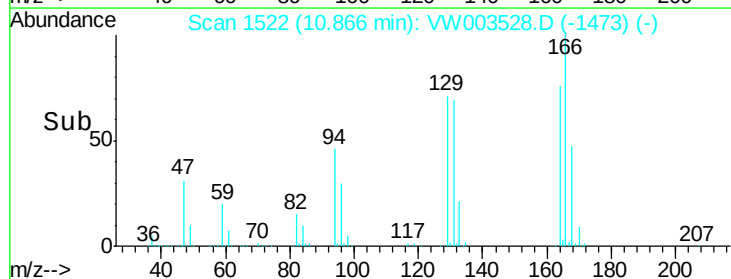
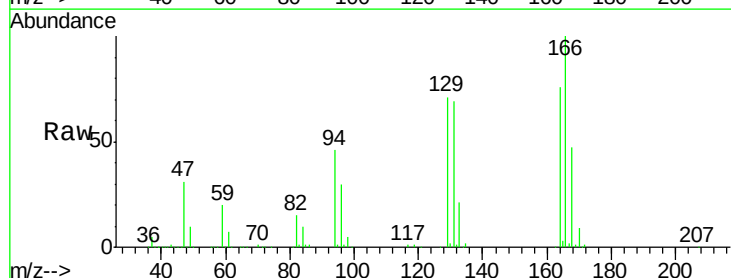
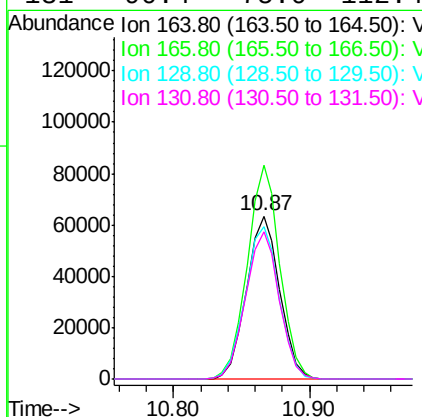
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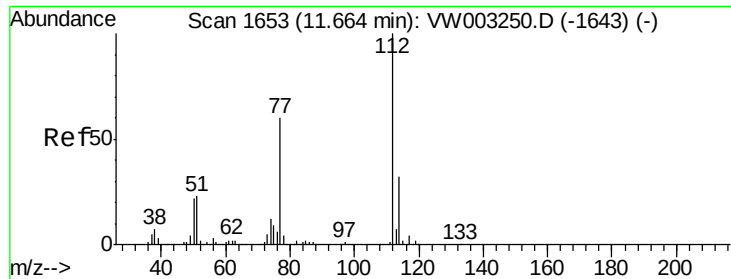
apatel
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#64
Tetrachloroethene
Concen: 48.16 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003528.D
Acq: 25 Jun 2018 00:07

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	108239		
166	131.0		102.6	154.0
129	93.2		75.2	112.8
131	90.4		75.0	112.4





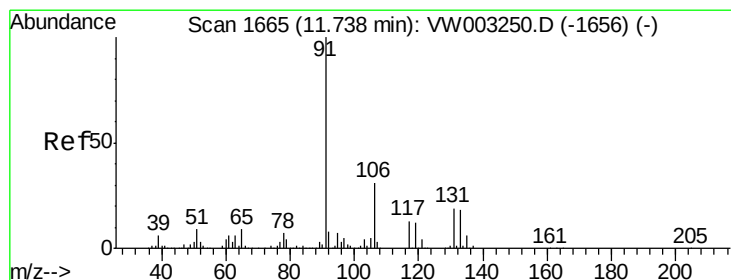
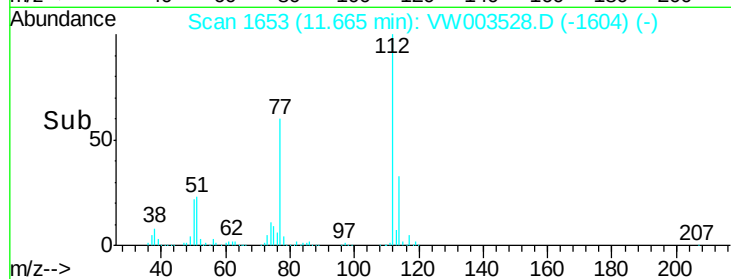
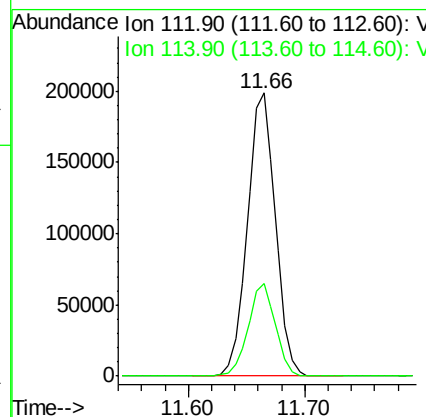
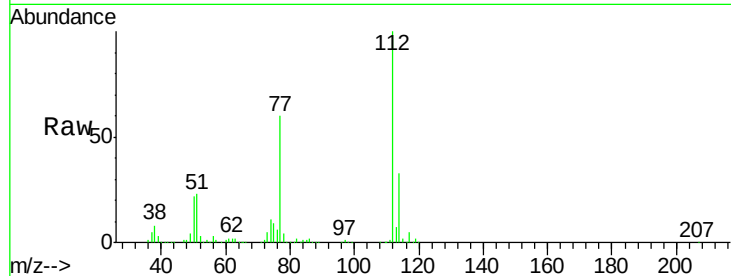
#65
Chlorobenzene
Concen: 47.45 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VW003528.D
Acq: 25 Jun 2018 00:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.9	25.9	38.9

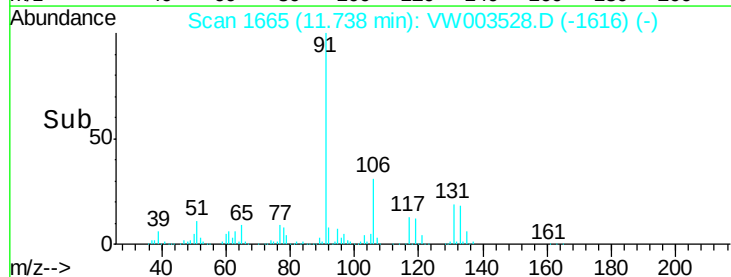
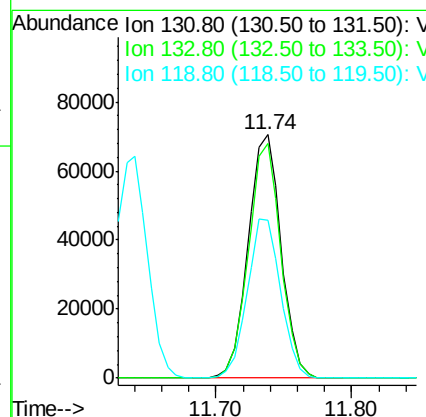
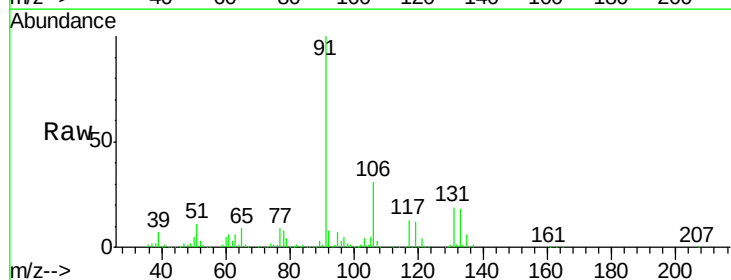
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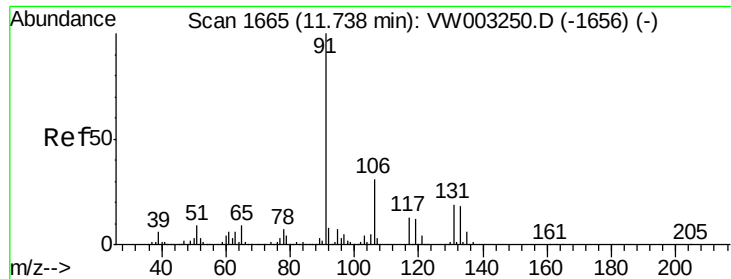
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 48.61 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003528.D
Acq: 25 Jun 2018 00:07

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.7	47.3	142.0
119	66.1	32.5	97.4





#67

Ethyl Benzene

Concen: 47.89 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VW003528.D

Acq: 25 Jun 2018 00:07

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 593966

Ion Ratio Lower Upper

91 100

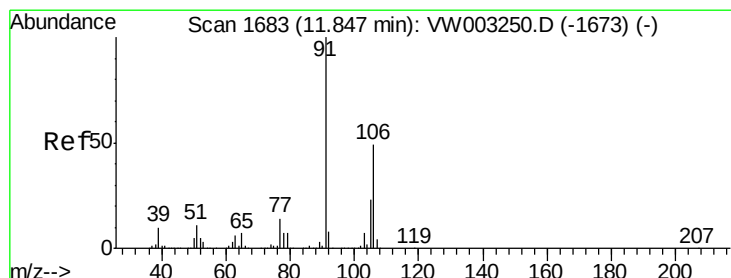
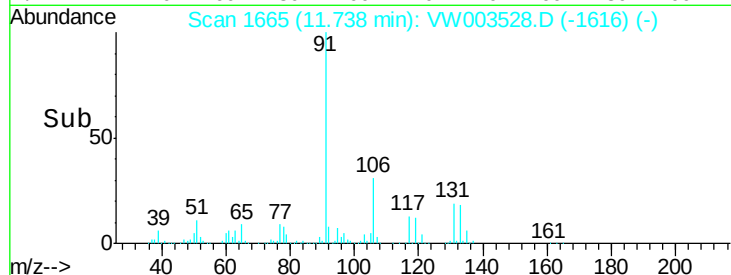
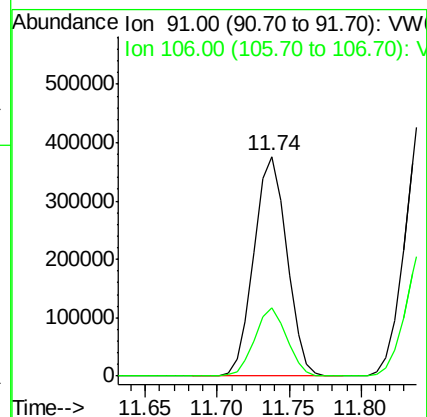
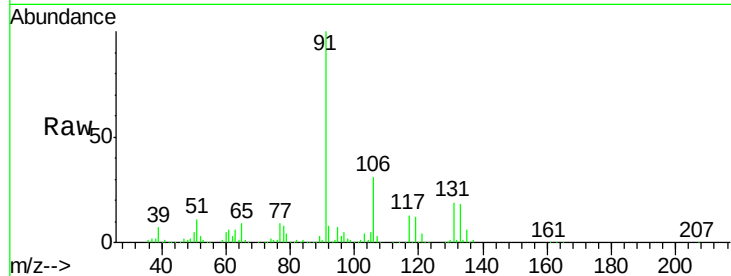
106 31.1 24.7 37.1

Manual Integrations

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#68

m/p-Xylenes

Concen: 95.74 ug/l

RT: 11.85 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VW003528.D

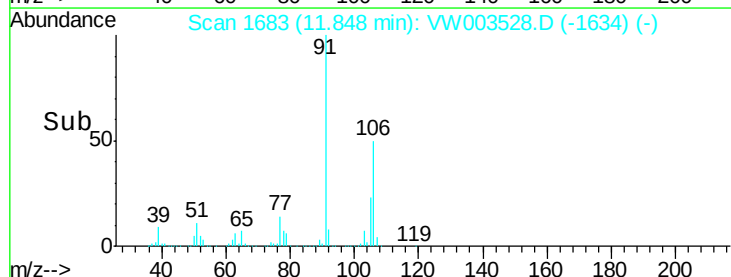
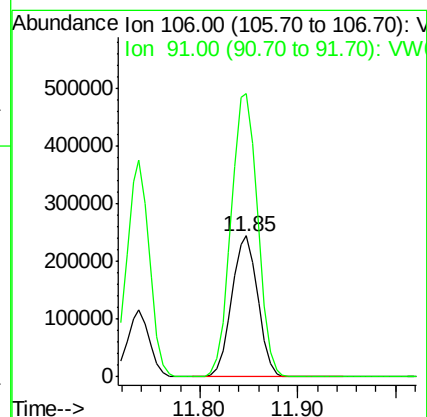
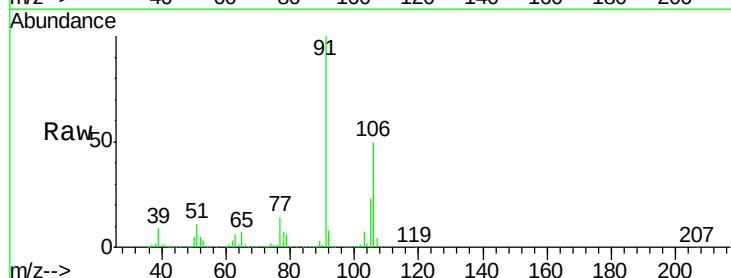
Acq: 25 Jun 2018 00:07

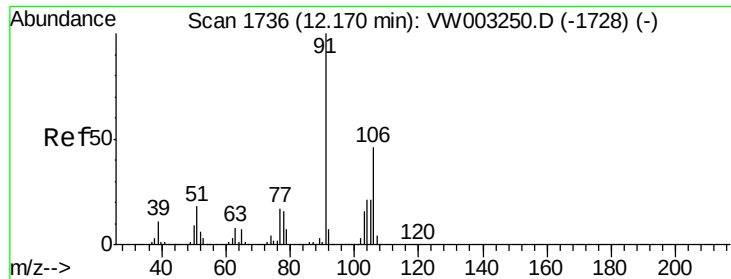
Tgt Ion: 106 Resp: 451401

Ion Ratio Lower Upper

106 100

91 205.0 165.4 248.0





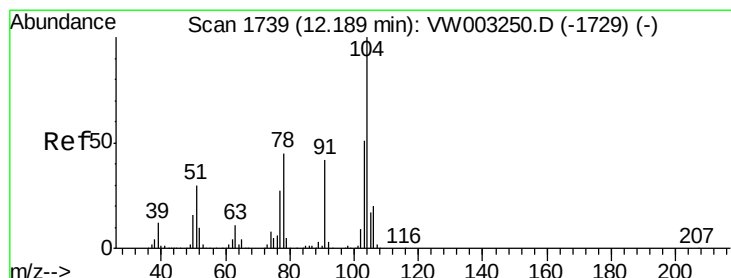
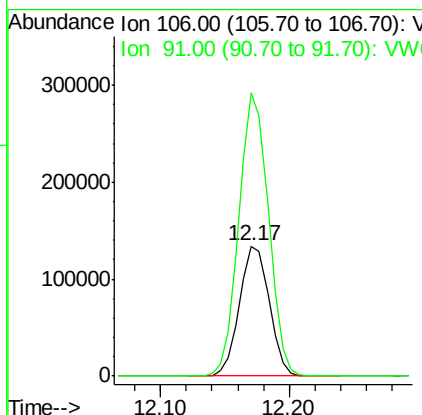
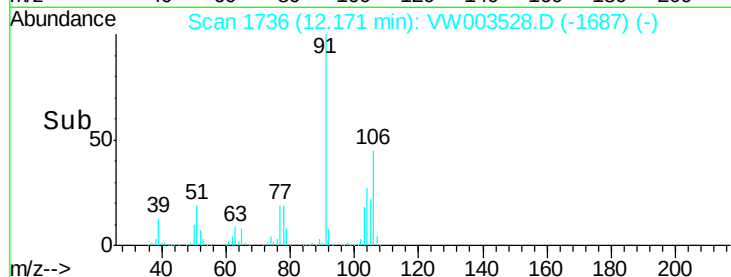
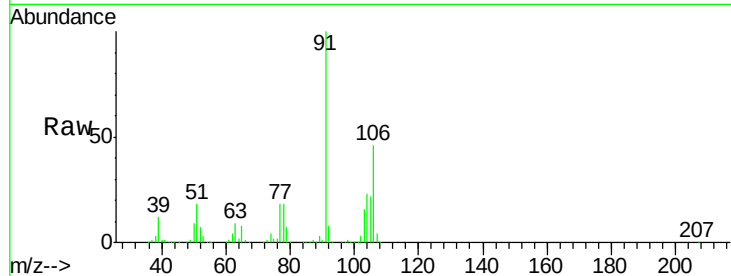
#69
o-Xylene
Concen: 49.35 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003528.D
Acq: 25 Jun 2018 00:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	215.5	108.6	325.6

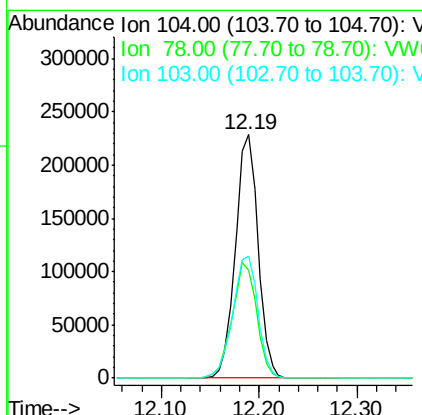
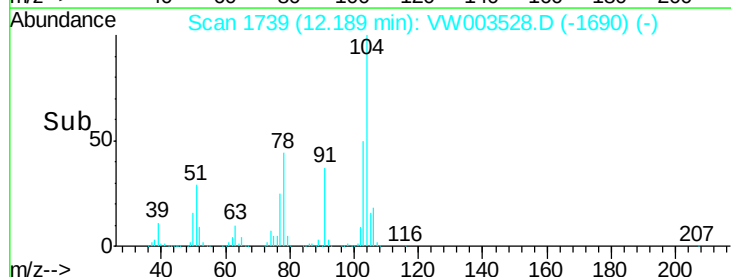
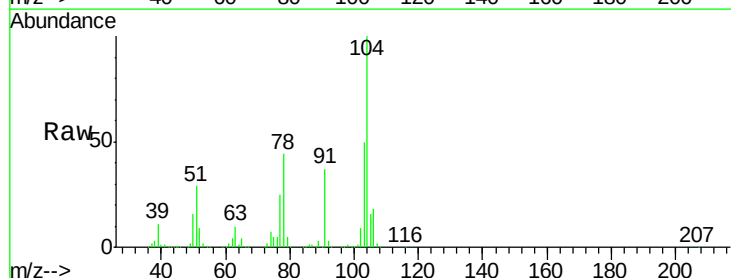
Manual Integrations
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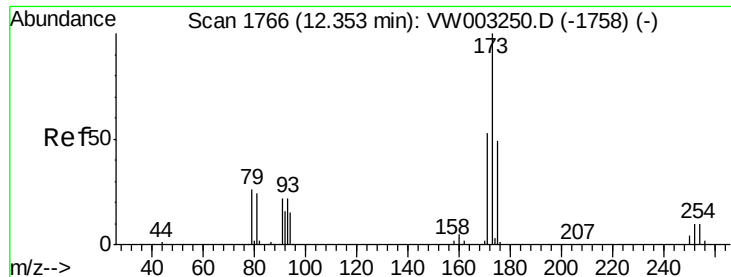
apatel
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#70
Styrene
Concen: 50.66 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW003528.D
Acq: 25 Jun 2018 00:07

Tgt Ion	Ratio	Lower	Upper
104	100		
78	51.5	41.3	61.9
103	55.3	45.0	67.4





#71

Bromoform

Concen: 50.61 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW003528.D

Acq: 25 Jun 2018 00:07

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion:173 Resp: 64488

Ion Ratio Lower Upper

173 100

175 48.0 24.4 73.4

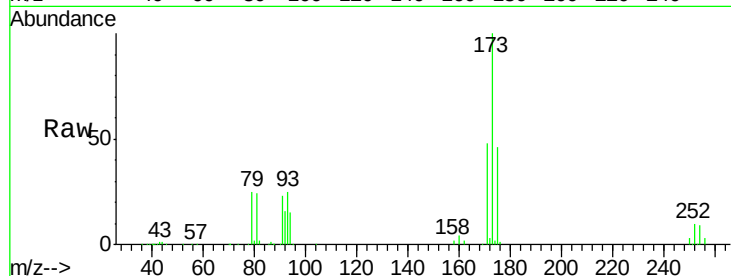
254 0.0 0.1 0.1#

Manual Integrations

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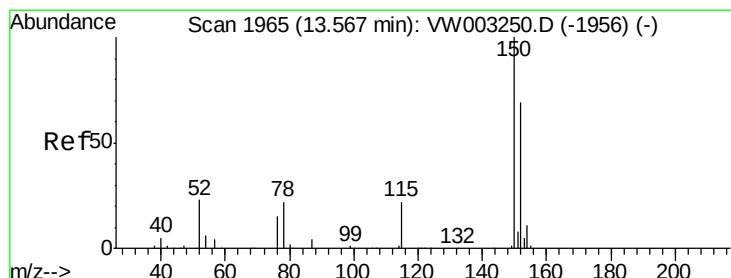
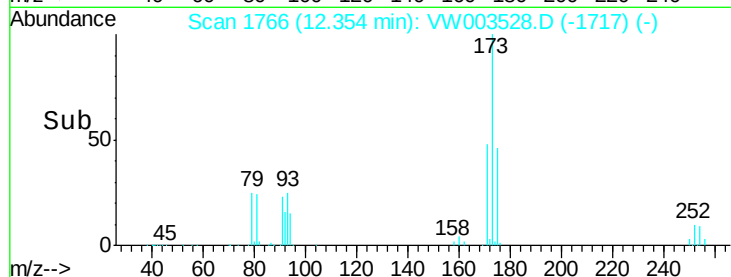
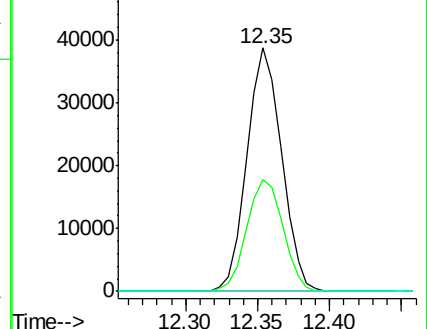
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW003528.D

Acq: 25 Jun 2018 00:07

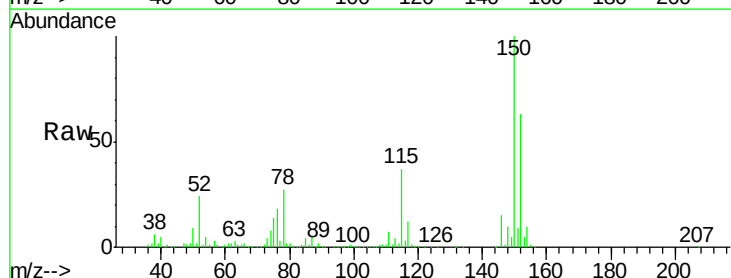
Tgt Ion:152 Resp: 180017

Ion Ratio Lower Upper

152 100

115 57.8 29.3 88.0

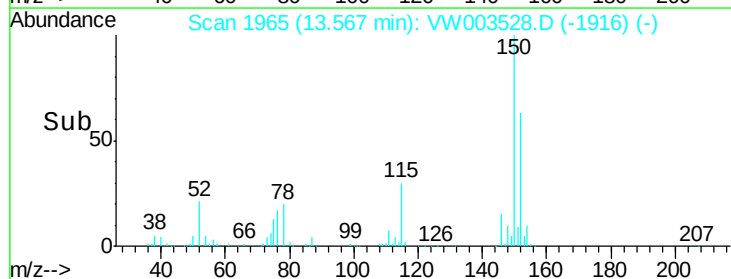
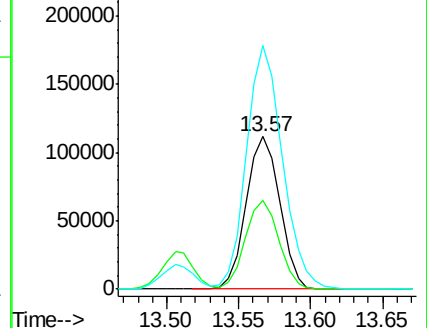
150 171.2 0.0 349.6

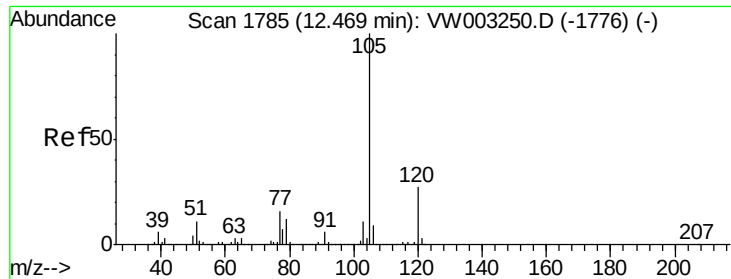


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





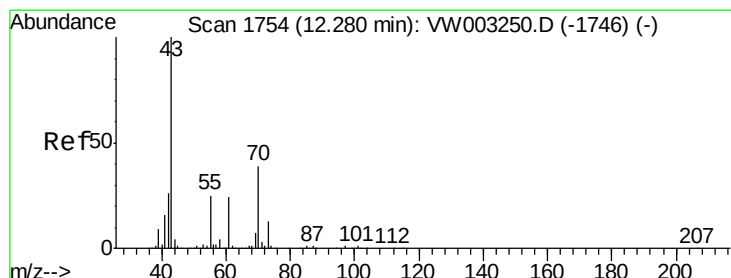
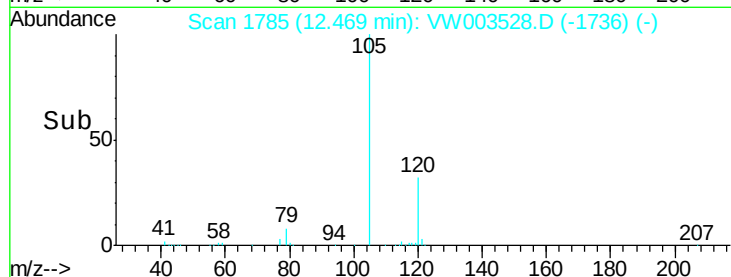
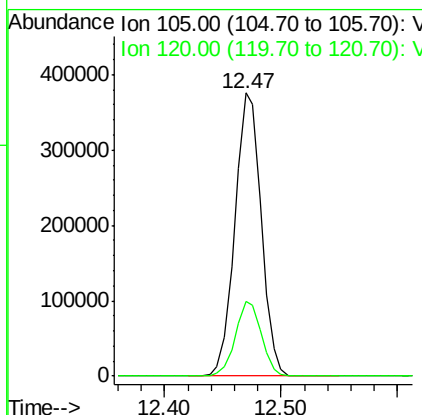
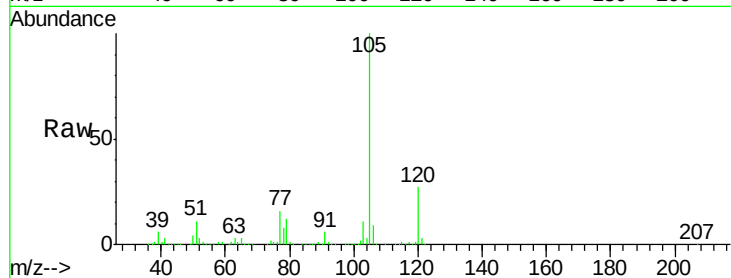
#73
Isopropylbenzene
Concen: 47.14 ug/l
RT: 12.47 min Scan# 1785
Delta R.T. 0.00 min
Lab File: VW003528.D
Acq: 25 Jun 2018 00:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.2	13.2	39.6

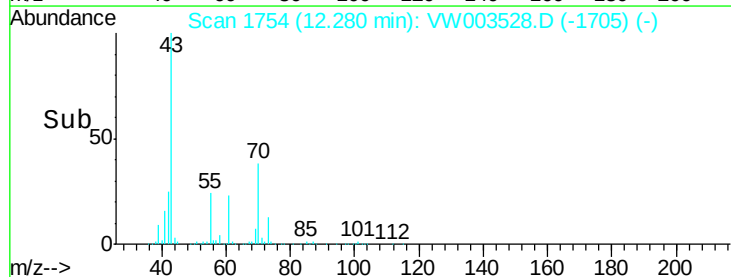
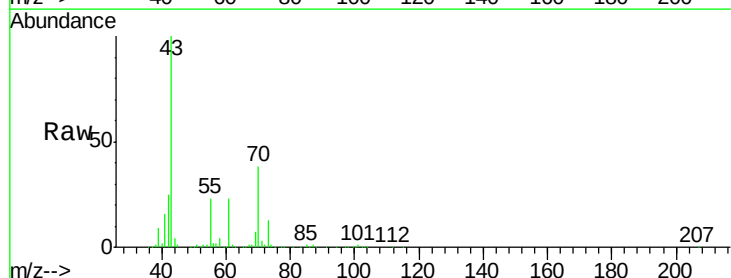
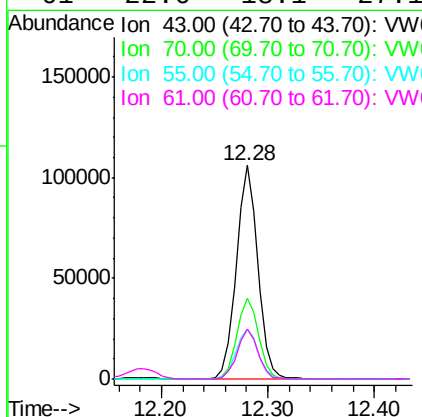
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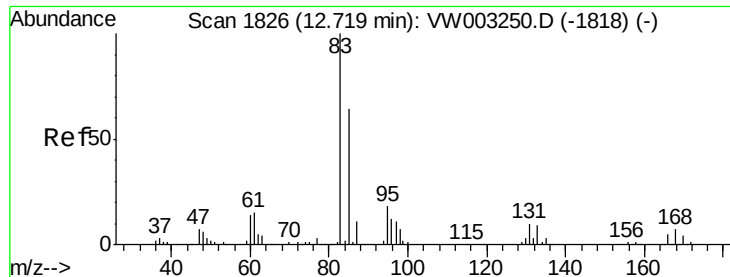
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#74
N-ethyl acetate
Concen: 52.69 ug/l
RT: 12.28 min Scan# 1754
Delta R.T. 0.00 min
Lab File: VW003528.D
Acq: 25 Jun 2018 00:07

Tgt Ion	Ratio	Lower	Upper
43	100		
70	38.5	31.0	46.6
55	24.3	19.7	29.5
61	22.6	18.1	27.1





#75

1,1,2,2-Tetrachloroethane

Concen: 51.83 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW003528.D

Acq: 25 Jun 2018 00:07

Instrument :

MSVOA_W

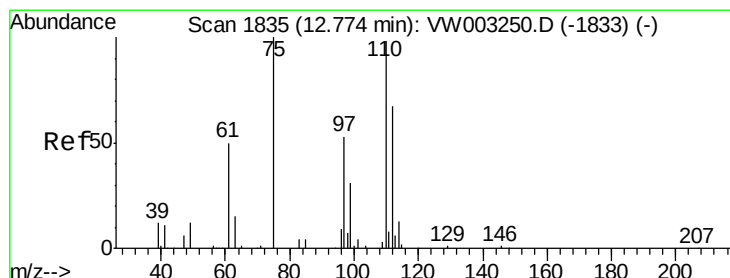
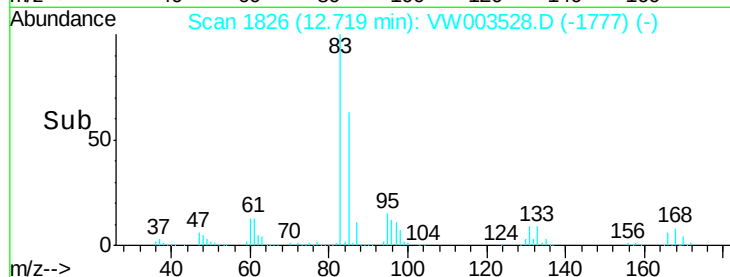
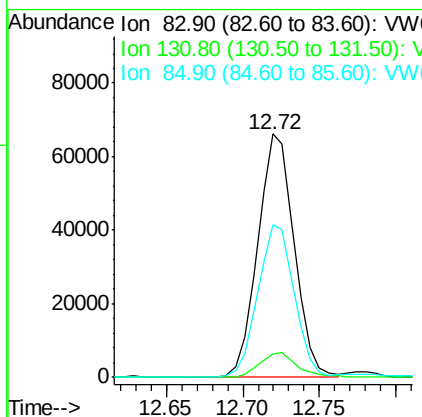
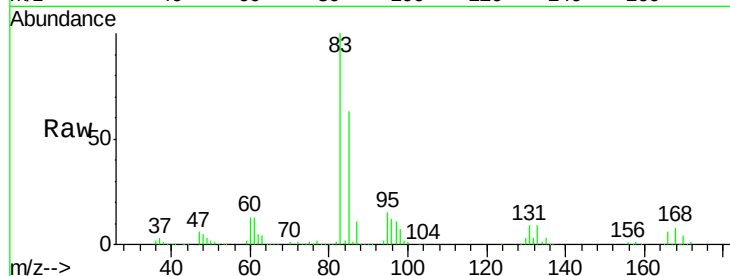
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	109793
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.4	16.2
85	63.1	31.9	95.7

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#76

1,2,3-Trichloropropane

Concen: 50.70 ug/l m

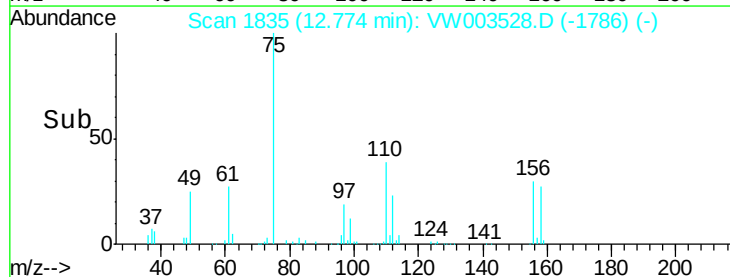
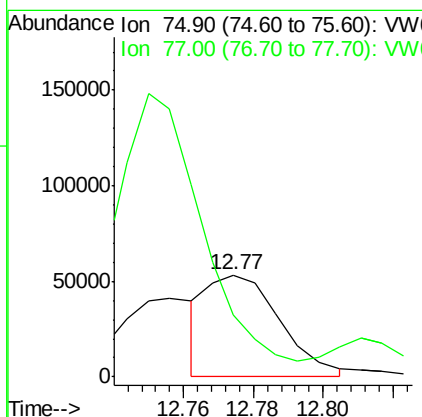
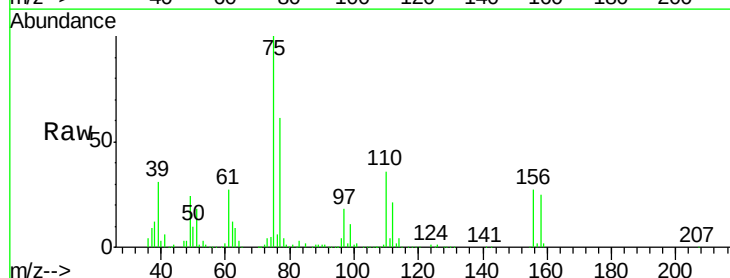
RT: 12.77 min Scan# 1835

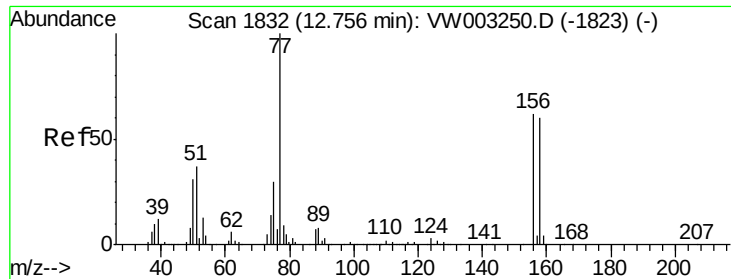
Delta R.T. 0.00 min

Lab File: VW003528.D

Acq: 25 Jun 2018 00:07

Tgt Ion:	75	Resp:	78025
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





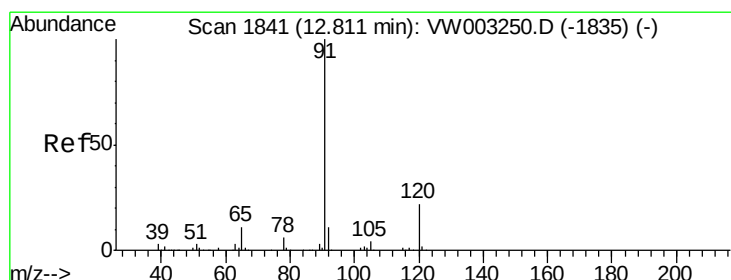
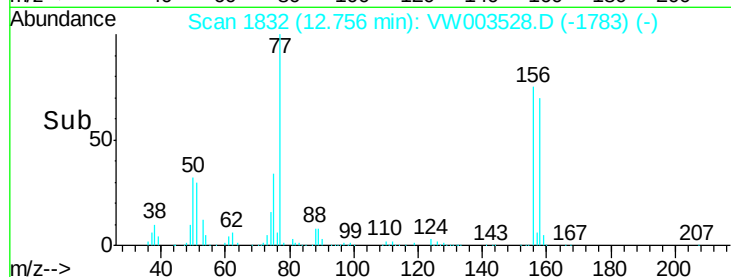
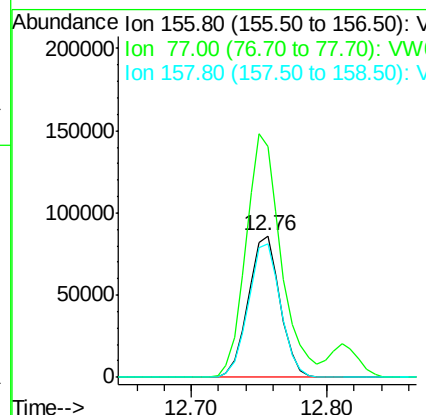
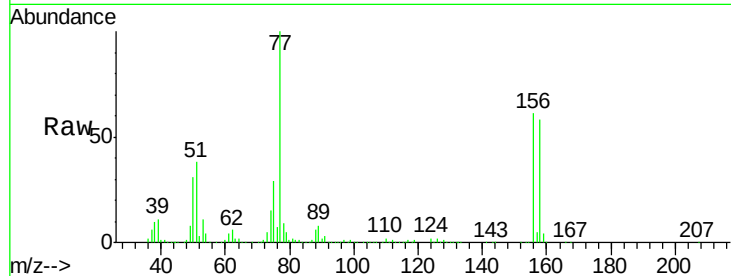
#77
Bromobenzene
Concen: 48.21 ug/l
RT: 12.76 min Scan# 1832
Delta R.T. 0.00 min
Lab File: VW003528.D
Acq: 25 Jun 2018 00:07

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	189.4	92.3	276.9
158	96.1	47.5	142.6

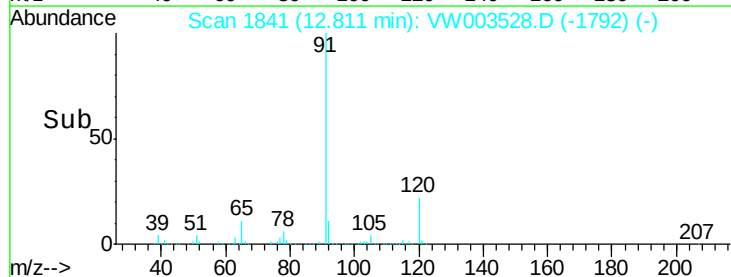
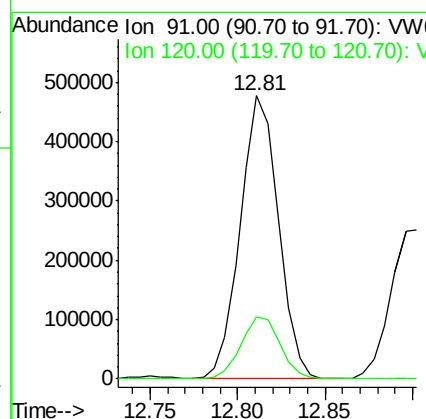
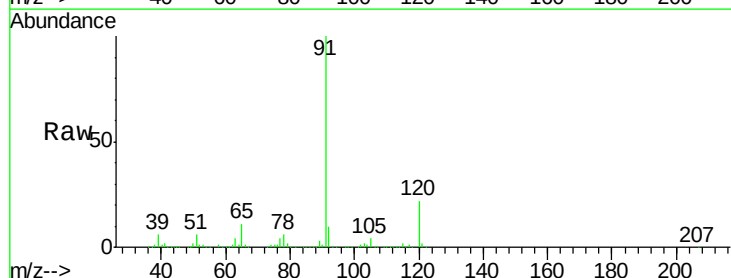
Manual Integrations
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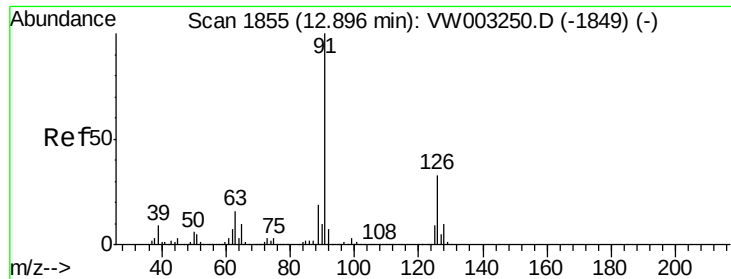
apatel
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#78
n-propylbenzene
Concen: 47.24 ug/l
RT: 12.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VW003528.D
Acq: 25 Jun 2018 00:07

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.3	11.3	33.8





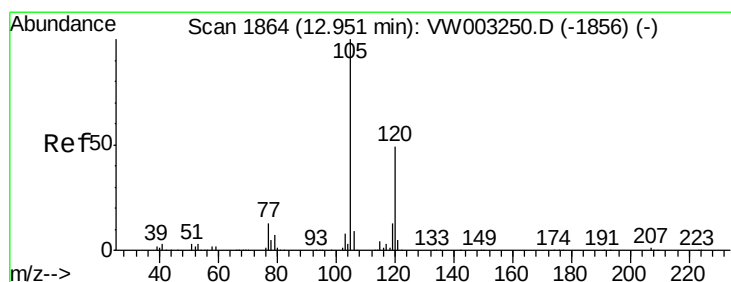
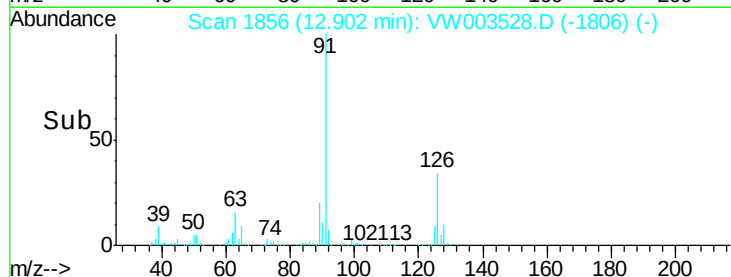
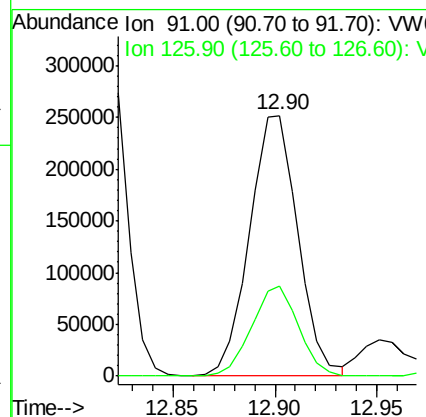
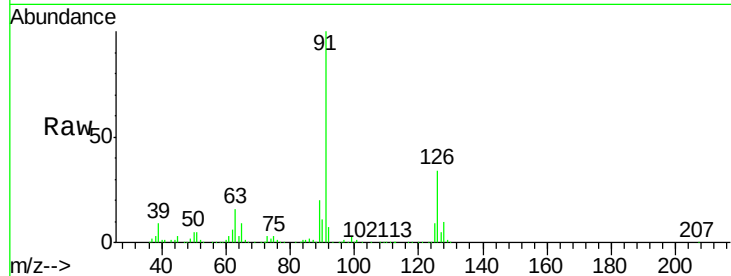
#79
 2-Chlorotoluene
 Concen: 47.87 ug/l
 RT: 12.90 min Scan# 1856
 Delta R.T. 0.01 min
 Lab File: VW003528.D
 Acq: 25 Jun 2018 00:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 414763
 Ion Ratio Lower Upper
 91 100
 126 33.6 16.8 50.4

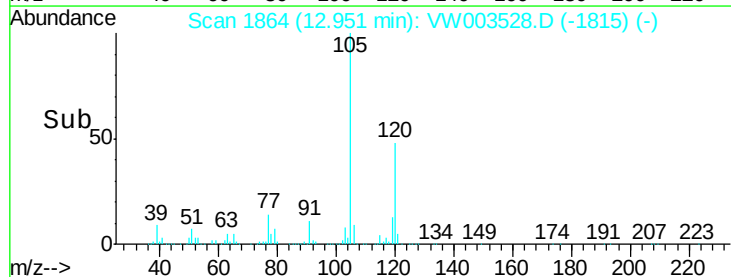
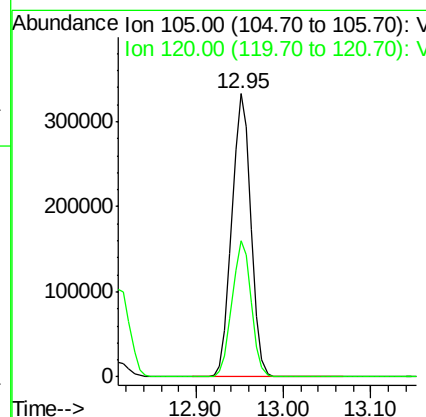
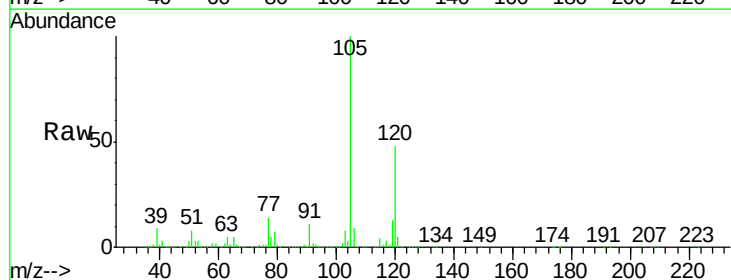
Manual Integrations
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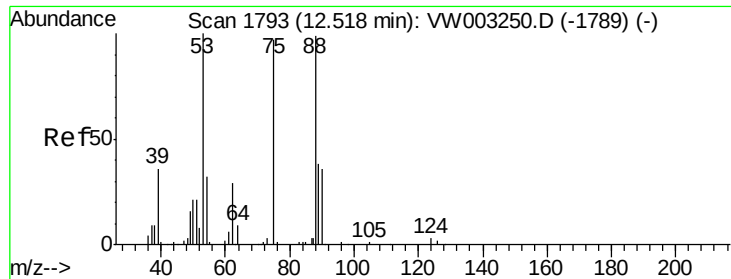
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#80
 1,3,5-Trimethylbenzene
 Concen: 48.10 ug/l
 RT: 12.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VW003528.D
 Acq: 25 Jun 2018 00:07

Tgt Ion: 105 Resp: 505538
 Ion Ratio Lower Upper
 105 100
 120 48.3 24.3 72.9





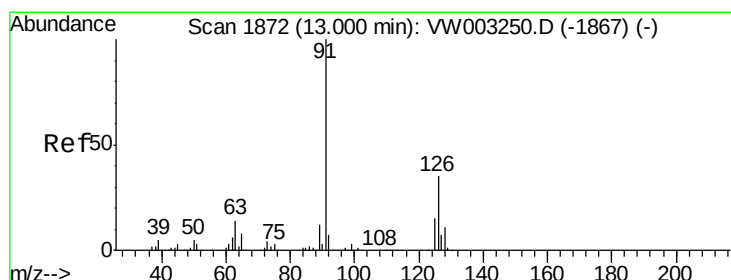
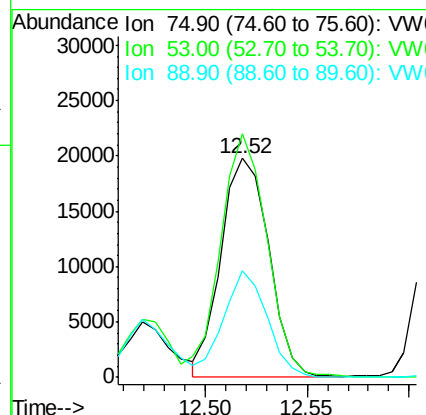
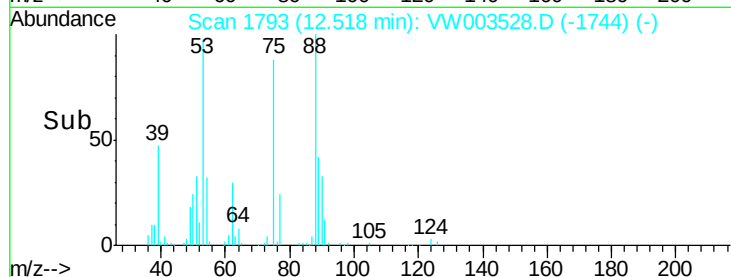
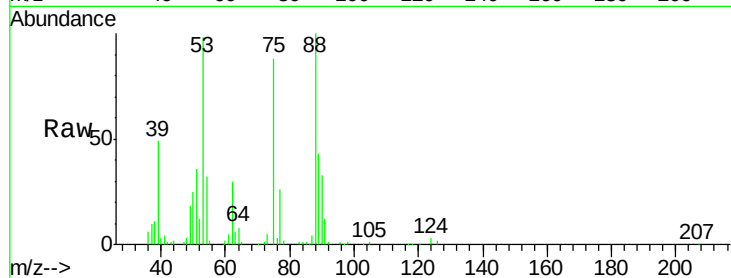
#81
trans-1,4-Dichloro-2-butene
Concen: 48.31 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VW003528.D
Acq: 25 Jun 2018 00:07

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	108.2	82.9	124.3
89	44.3	36.7	55.1

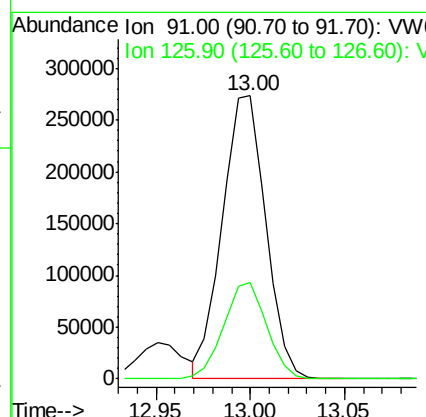
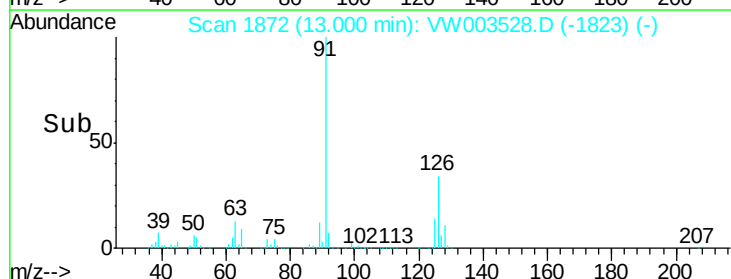
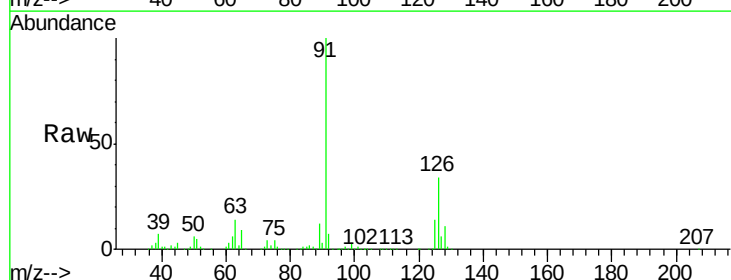
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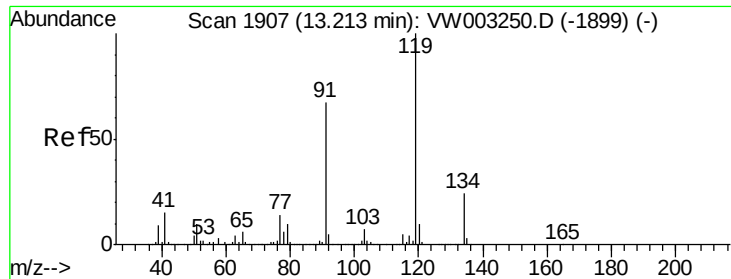
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#82
4-Chlorotoluene
Concen: 47.54 ug/l
RT: 13.00 min Scan# 1872
Delta R.T. 0.00 min
Lab File: VW003528.D
Acq: 25 Jun 2018 00:07

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.7	16.8	50.3





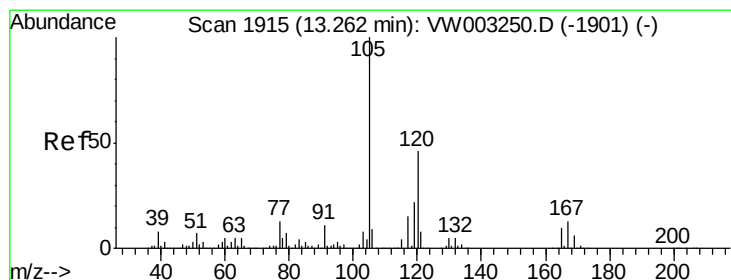
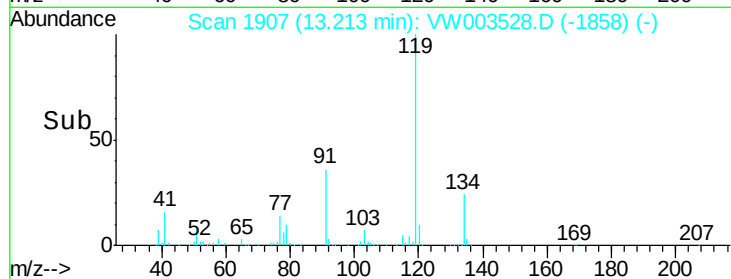
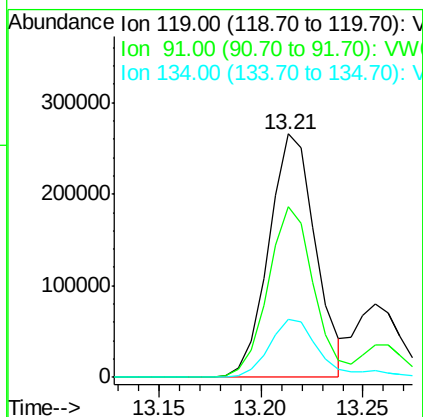
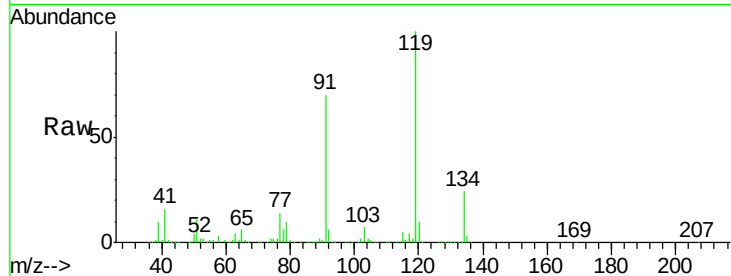
#83
 tert-Butylbenzene
 Concen: 47.42 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VW003528.D
 Acq: 25 Jun 2018 00:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	424720		
91	69.0		33.9	101.7
134	26.0		13.4	40.1

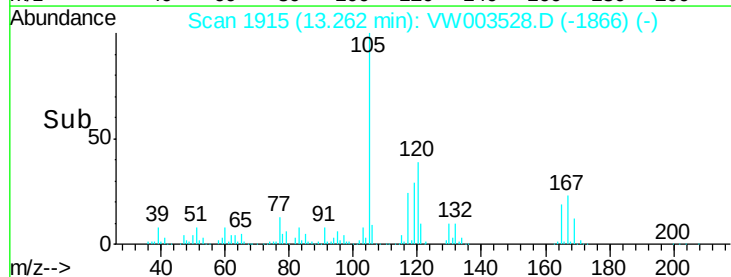
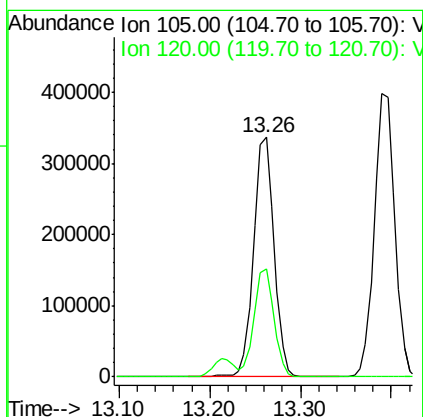
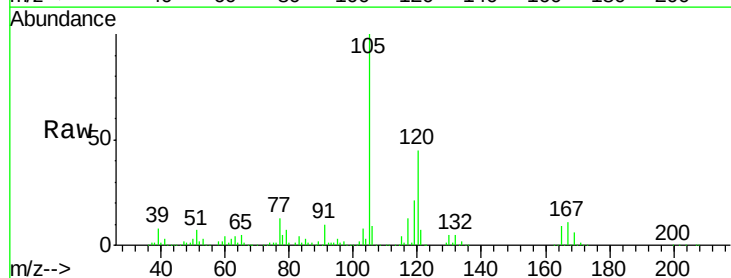
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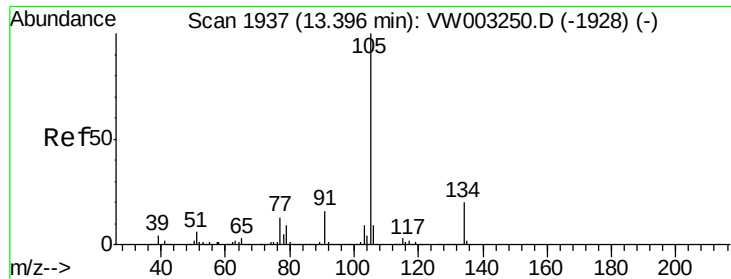
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#84
 1,2,4-Trimethylbenzene
 Concen: 48.57 ug/l
 RT: 13.26 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW003528.D
 Acq: 25 Jun 2018 00:07

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	525119		
120	44.3		22.5	67.5





#85

sec-Butylbenzene

Concen: 46.62 ug/l

RT: 13.39 min Scan# 1936

Delta R.T. -0.01 min

Lab File: VW003528.D

Acq: 25 Jun 2018 00:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 620710

Ion Ratio Lower Upper

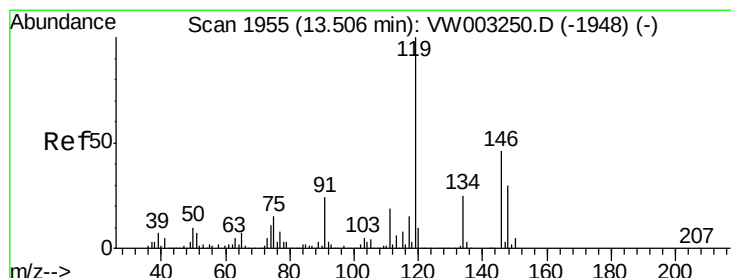
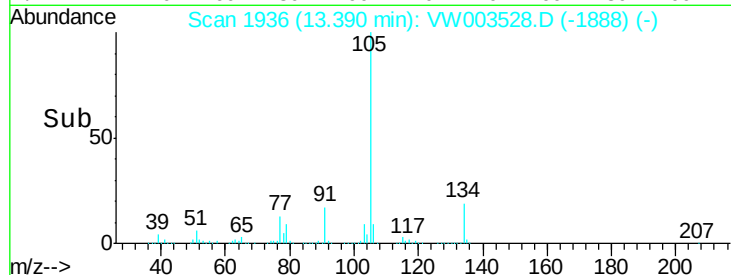
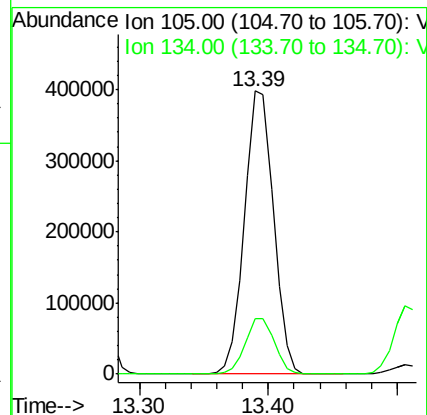
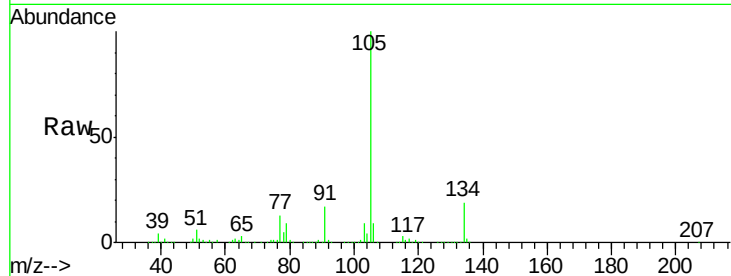
105 100

134 19.7 9.8 29.5

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 47.11 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW003528.D

Acq: 25 Jun 2018 00:07

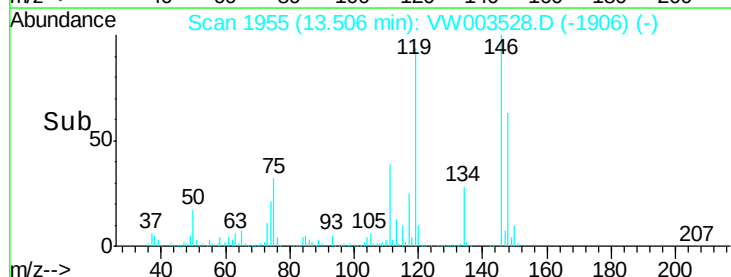
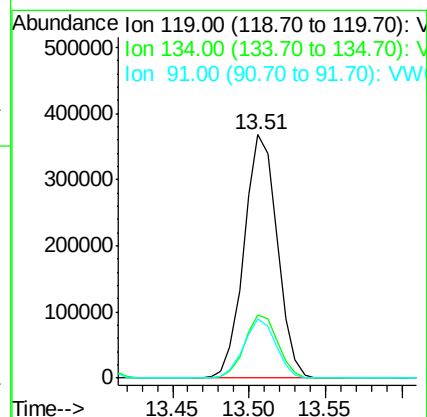
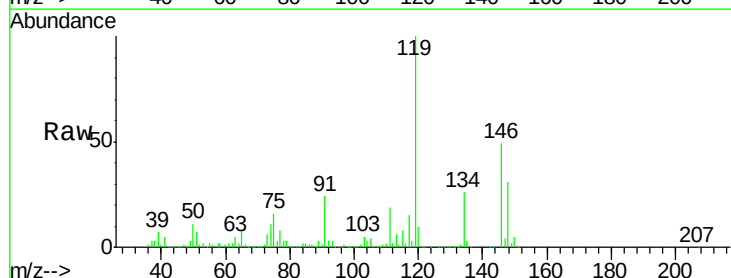
Tgt Ion:119 Resp: 553214

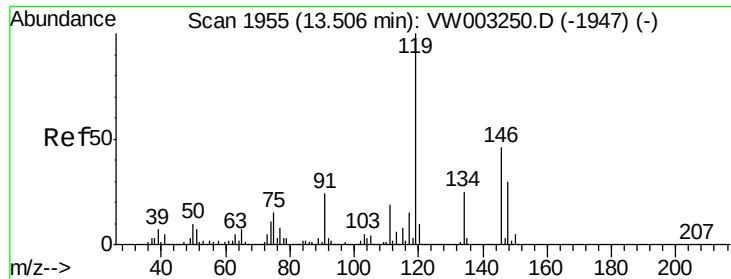
Ion Ratio Lower Upper

119 100

134 26.2 12.9 38.7

91 23.7 11.8 35.3





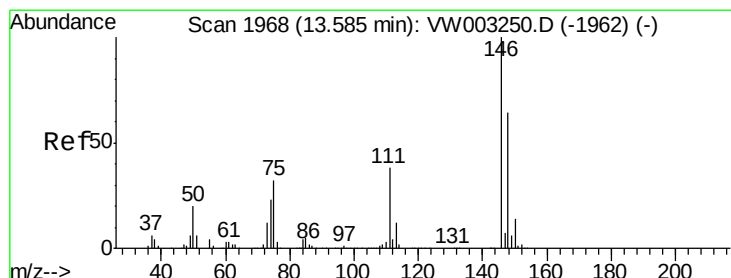
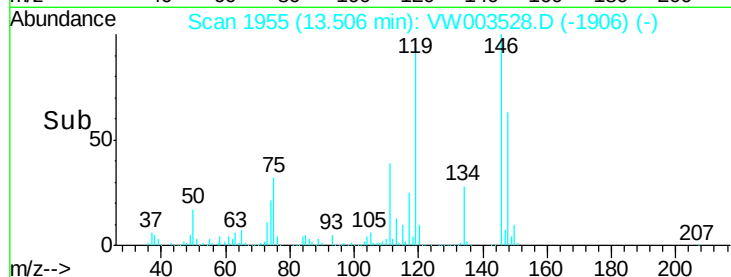
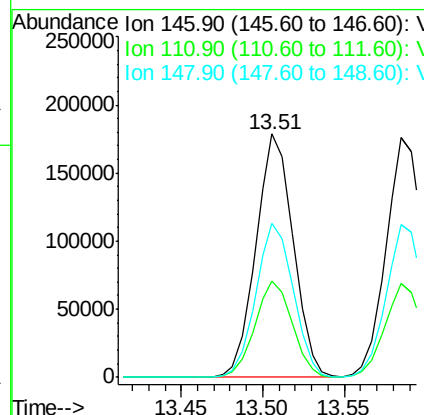
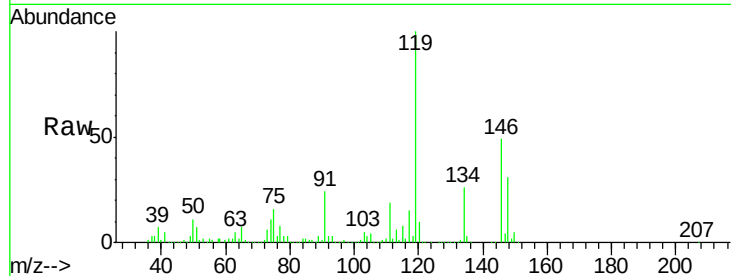
#87
 1,3-Dichlorobenzene
 Concen: 47.36 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003528.D
 Acq: 25 Jun 2018 00:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	283728		
111	39.5	19.8	59.4	
148	63.5	32.1	96.5	

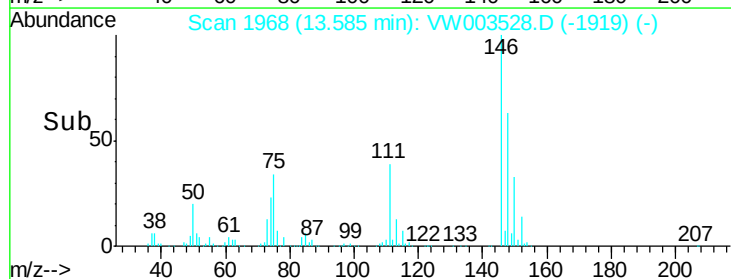
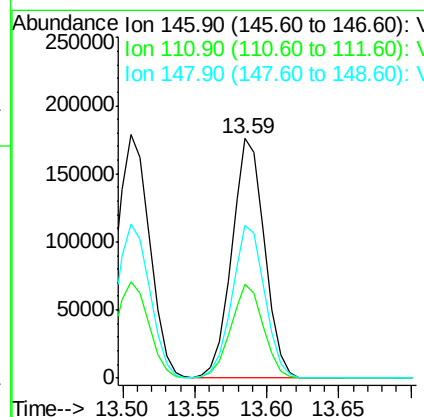
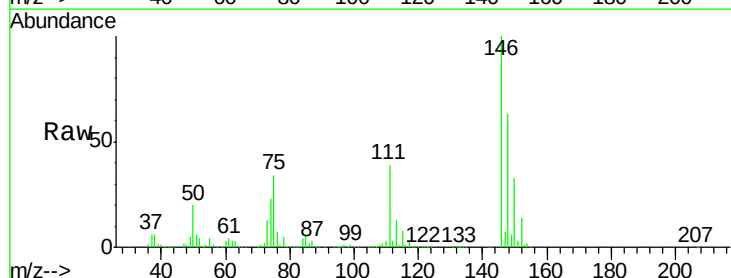
Manual Integrations
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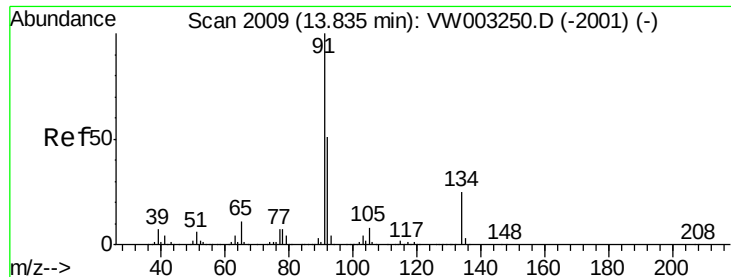
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#88
 1,4-Dichlorobenzene
 Concen: 46.87 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW003528.D
 Acq: 25 Jun 2018 00:07

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	279146		
111	39.1	19.2	57.6	
148	63.8	31.8	95.4	





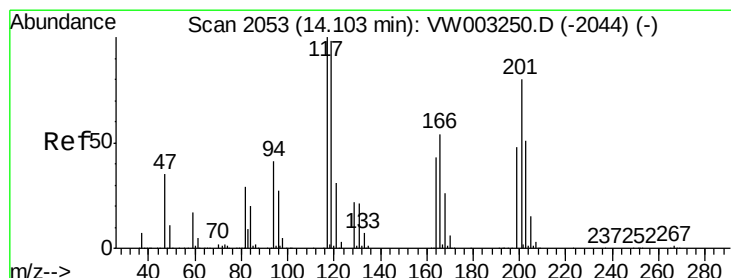
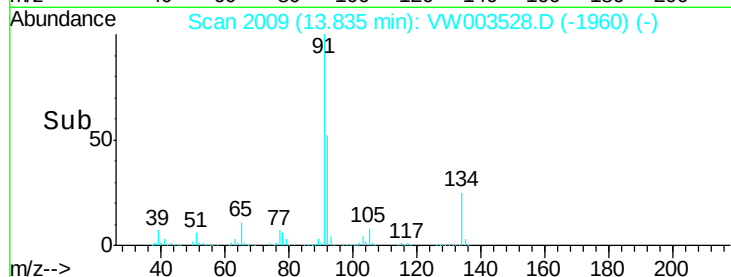
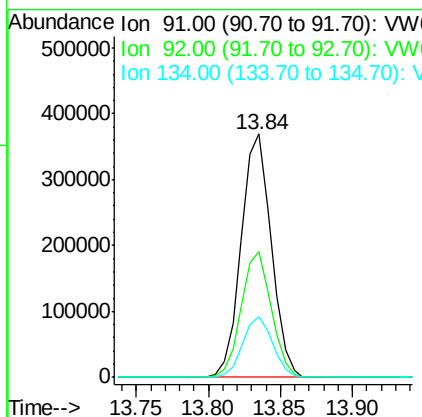
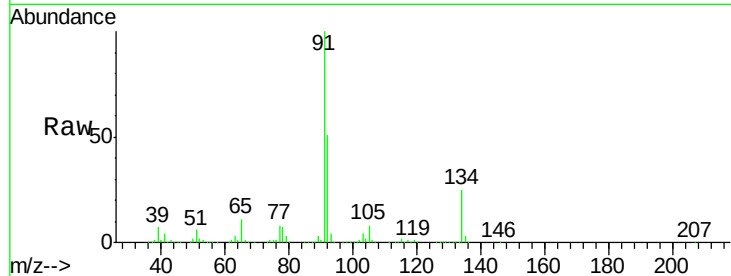
#89
n-Butylbenzene
Concen: 46.66 ug/l
RT: 13.84 min Scan# 2009
Delta R.T. 0.00 min
Lab File: VW003528.D
Acq: 25 Jun 2018 00:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.4	26.0	78.0
134	24.9	12.7	38.0

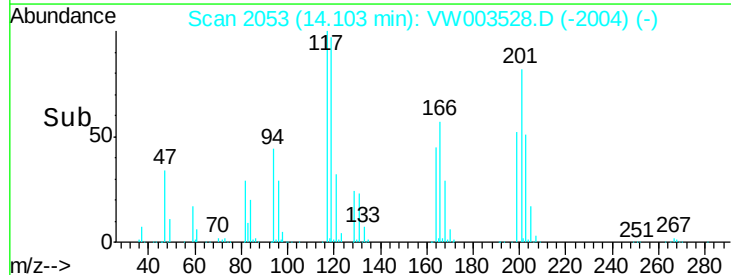
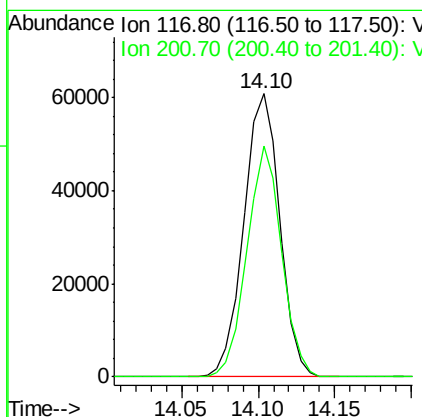
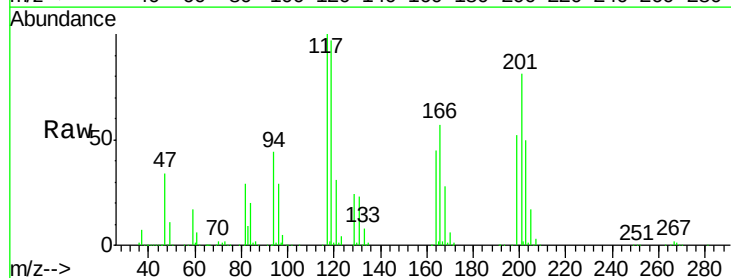
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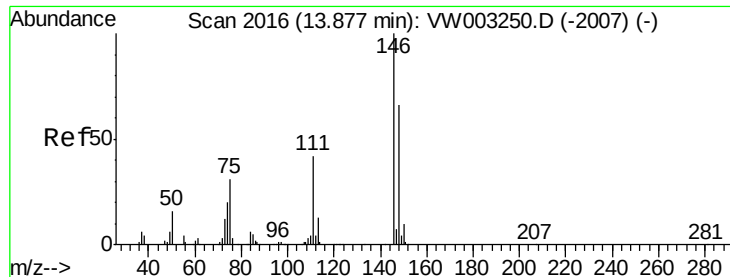
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#90
Hexachloroethane
Concen: 46.80 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.00 min
Lab File: VW003528.D
Acq: 25 Jun 2018 00:07

Tgt Ion	Ratio	Lower	Upper
117	100		
201	78.7	39.5	118.5





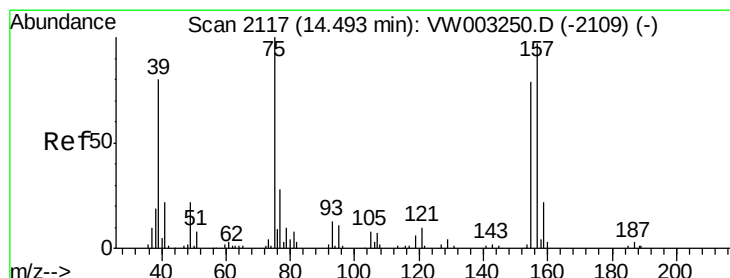
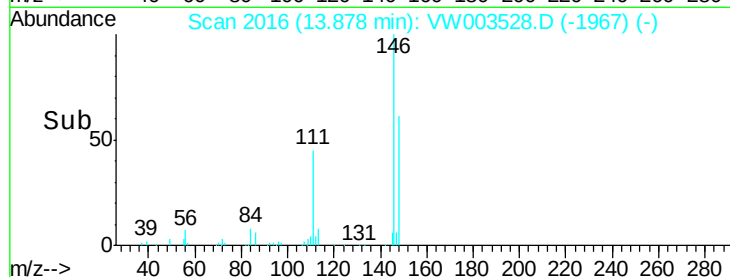
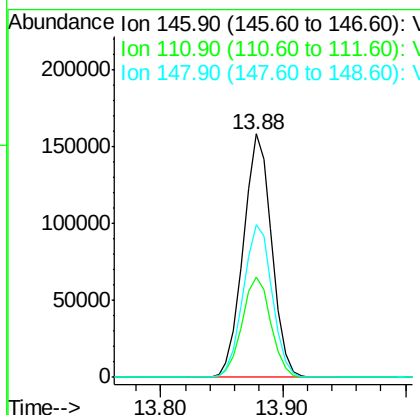
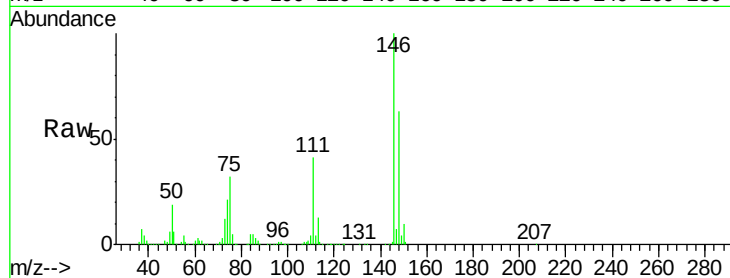
#91
 1,2-Dichlorobenzene
 Concen: 48.47 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW003528.D
 Acq: 25 Jun 2018 00:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.6	20.3	61.0
148	63.9	32.3	96.9

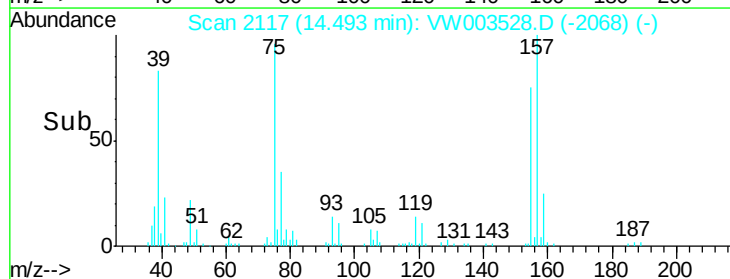
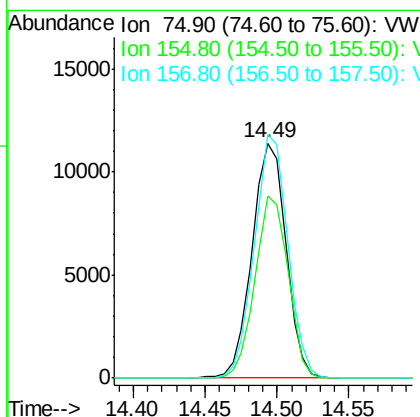
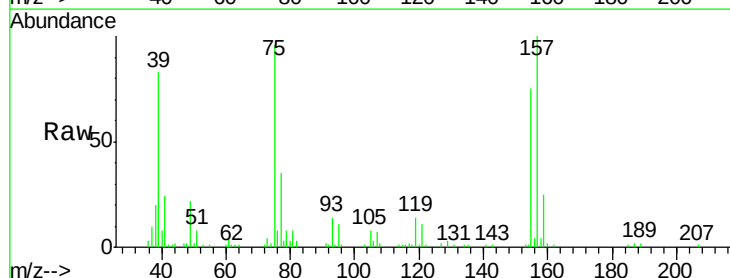
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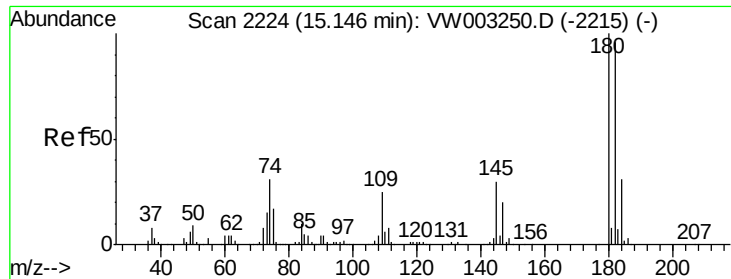
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.12 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW003528.D
 Acq: 25 Jun 2018 00:07

Tgt Ion	Ratio	Lower	Upper
75	100		
155	75.5	39.4	118.2
157	102.0	51.5	154.5





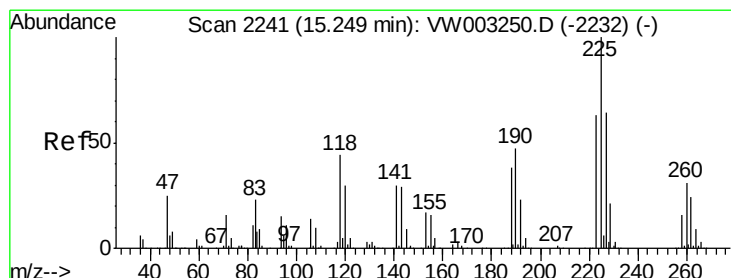
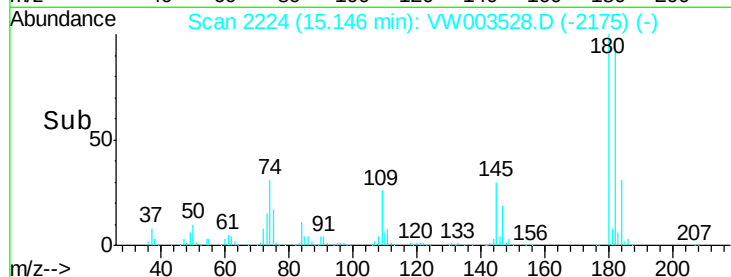
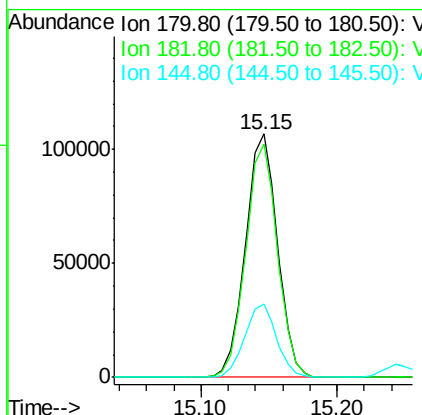
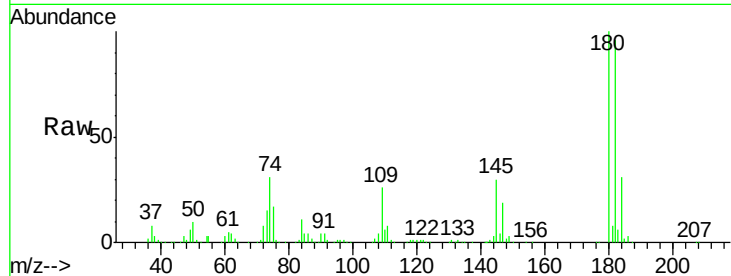
#93
 1,2,4-Trichlorobenzene
 Concen: 47.78 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW003528.D
 Acq: 25 Jun 2018 00:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	176008		
182	95.0	47.9	143.6	
145	30.0	15.2	45.5	

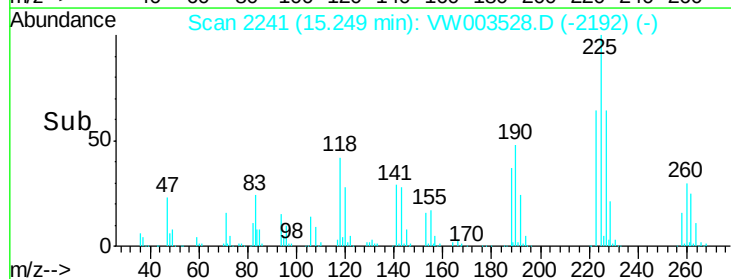
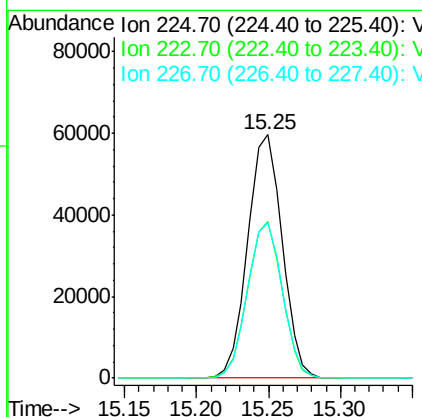
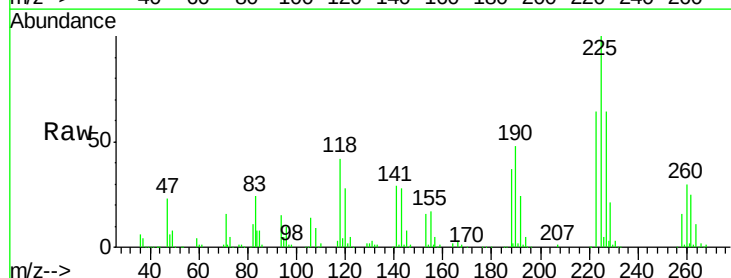
Manual Integrations
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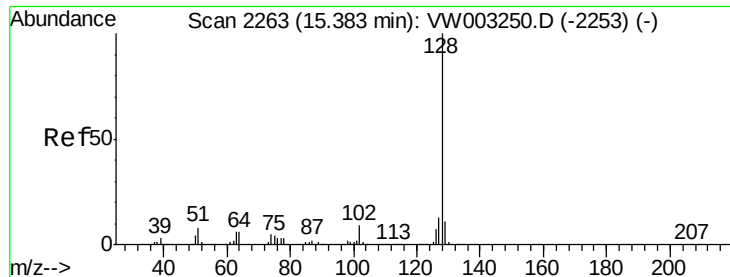
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#94
 Hexachlorobutadiene
 Concen: 44.57 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: VW003528.D
 Acq: 25 Jun 2018 00:07

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	98765		
223	64.2	30.6	92.0	
227	64.6	31.7	95.1	





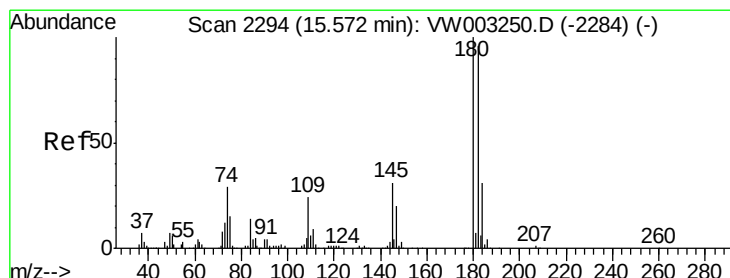
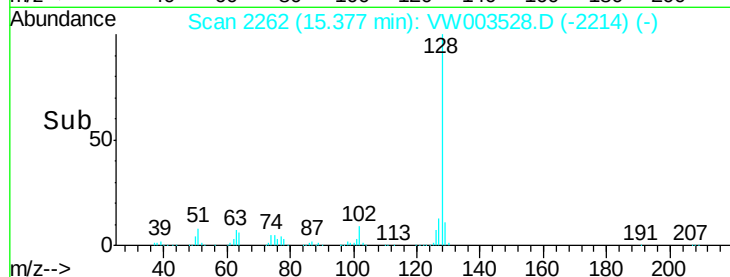
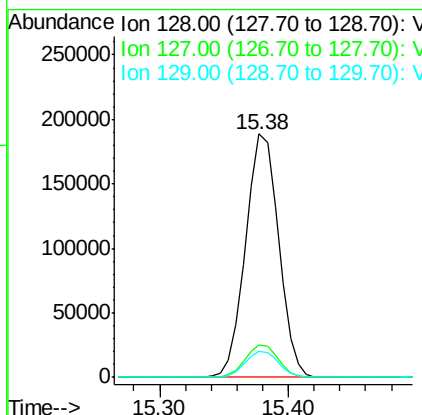
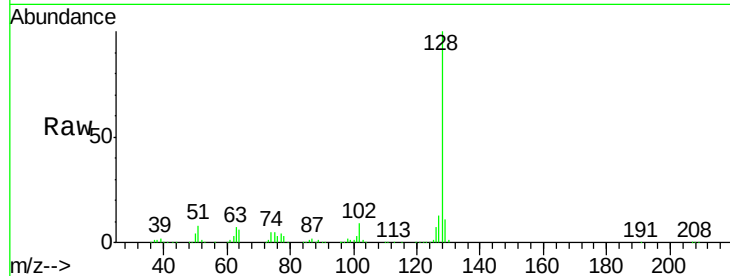
#95
Naphthalene
Concen: 53.47 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. -0.01 min
Lab File: VW003528.D
Acq: 25 Jun 2018 00:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.5	15.7
129	10.8	8.9	13.3

Manual Integrations
APPROVED

apatel
6/26/2018 4:39:23 PM



#96
1,2,3-Trichlorobenzene
Concen: 48.86 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.01 min
Lab File: VW003528.D
Acq: 25 Jun 2018 00:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.9	143.6
145	31.6	15.8	47.4

