

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062418\
 Data File : VW003539.D
 Acq On : 25 Jun 2018 05:43
 Operator : SY/AP
 Sample : VSTDCCC050EC
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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 6/26/2018 4:40:15 PM

Quant Time: Jun 25 06:47:25 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	217639	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	355016	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	331499	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	174742	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	130651	55.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.84%	
35) Dibromofluoromethane	7.89	113	113907	51.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.28%	
50) Toluene-d8	10.33	98	450408	51.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.98%	
62) 4-Bromofluorobenzene	12.63	95	163846	52.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	39230	59.62	ug/l	90
3) Chloromethane	2.21	50	83565	50.27	ug/l	95
4) Vinyl Chloride	2.36	62	117159	48.34	ug/l	97
5) Bromomethane	2.78	94	73640	45.72	ug/l	99
6) Chloroethane	2.92	64	76318	45.24	ug/l	95
7) Trichlorofluoromethane	3.25	101	67401	46.42	ug/l	95
8) Diethyl Ether	3.68	74	56115	52.61	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	99324	49.27	ug/l	100
10) Methyl Iodide	4.26	142	158648	52.03	ug/l	99
11) Tert butyl alcohol	5.23	59	38164	301.86	ug/l #	96
12) 1,1-Dichloroethene	4.03	96	99568	50.54	ug/l	97
13) Acrolein	3.90	56	47302	261.69	ug/l	95
14) Allyl chloride	4.67	41	182570	53.50	ug/l	98
15) Acrylonitrile	5.38	53	129851	295.91	ug/l	99
16) Acetone	4.15	43	110977	224.46	ug/l	99
17) Carbon Disulfide	4.37	76	283157	48.61	ug/l	99
18) Methyl Acetate	4.68	43	72564	61.87	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	213668	57.90	ug/l	100
20) Methylene Chloride	4.91	84	113703	54.47	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	111136	51.83	ug/l	98
22) Diisopropyl ether	6.32	45	397921	57.94	ug/l	99
23) Vinyl Acetate	6.26	43	1119118	282.75	ug/l	99
24) 1,1-Dichloroethane	6.21	63	223455	54.80	ug/l	97
25) 2-Butanone	7.18	43	170700	277.66	ug/l	100
26) 1,2-Dichloropropane	7.17	77	114376	42.03	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	131601	55.87	ug/l	99
28) Bromochloromethane	7.51	49	101993	60.11	ug/l	97
29) Tetrahydrofuran	7.54	42	113556	302.22	ug/l	98
30) Chloroform	7.68	83	228080	54.91	ug/l	99
31) Cyclohexane	7.96	56	182422	47.89	ug/l	97
32) 1,1,1-Trichloroethane	7.88	97	179338	52.30	ug/l	99
36) 1,1-Dichloropropene	8.09	75	170463	49.72	ug/l	99
37) Ethyl Acetate	7.26	43	77676	54.69	ug/l	99
38) Carbon Tetrachloride	8.07	117	163761	48.69	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	192256	48.46	ug/l	96
40) Benzene	8.32	78	490208	51.87	ug/l	99
41) Methacrylonitrile	7.49	41	50092	57.47	ug/l	99
42) 1,2-Dichloroethane	8.40	62	158480	53.52	ug/l	99
43) Isopropyl Acetate	8.43	43	156850	55.61	ug/l	99
44) Trichloroethene	9.09	130	147981	59.09	ug/l	97
45) 1,2-Dichloropropane	9.37	63	127427	52.96	ug/l	100
46) Dibromomethane	9.46	93	65776	53.39	ug/l	97
47) Bromodichloromethane	9.65	83	167359	53.00	ug/l	98
48) Methyl methacrylate	9.44	41	78124	58.94	ug/l	97
49) 1,4-Dioxane	9.49	88	21009	1129.46	ug/l	90
51) 4-Methyl-2-Pentanone	10.22	43	420901	292.88	ug/l	99
52) Toluene	10.39	92	315068	51.99	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	163676	50.74	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	186581	50.82	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	93211	53.69	ug/l	99
56) Ethyl methacrylate	10.65	69	121950	57.85	ug/l	98
57) 1,3-Dichloropropane	10.94	76	163732	54.69	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	277346	293.49	ug/l	98
59) 2-Hexanone	10.98	43	287722	286.59	ug/l	100
60) Dibromochloromethane	11.13	129	111978	54.24	ug/l	97
61) 1,2-Dibromoethane	11.24	107	88981	54.19	ug/l	100
64) Tetrachloroethene	10.87	164	117503	53.00	ug/l	99
65) Chlorobenzene	11.66	112	345603	50.06	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	123360	50.85	ug/l	100
67) Ethyl Benzene	11.74	91	622212	50.85	ug/l	99
68) m/p-Xylenes	11.85	106	468196	100.65	ug/l	100
69) o-Xylene	12.17	106	223560	51.86	ug/l	99
70) Styrene	12.19	104	378337	52.73	ug/l	100
71) Bromoform	12.35	173	65911	52.42	ug/l #	100
73) Isopropylbenzene	12.47	105	617466	50.80	ug/l	99
74) N-amyl acetate	12.28	43	157069	56.78	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	113510	55.20	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	79842m	53.45	ug/l	
77) Bromobenzene	12.76	156	143532	50.71	ug/l	95
78) n-propylbenzene	12.81	91	752478	50.56	ug/l	100
79) 2-Chlorotoluene	12.90	91	432712	51.45	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	522997	51.27	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	31869	49.09	ug/l	99
82) 4-Chlorotoluene	12.99	91	452678	50.74	ug/l	100
83) tert-Butylbenzene	13.21	119	447190	51.44	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	539996	51.46	ug/l	99
85) sec-Butylbenzene	13.39	105	652391	50.48	ug/l	100
86) p-Isopropyltoluene	13.51	119	571286	50.12	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	288110	49.55	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	284333	49.19	ug/l	99
89) n-Butylbenzene	13.83	91	544183	48.98	ug/l	99
90) Hexachloroethane	14.10	117	104520	50.69	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	260025	51.05	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	19112	55.23	ug/l	99

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	178693	49.97	ug/l	99
94) Hexachlorobutadiene	15.25	225	103957	48.33	ug/l	98
95) Naphthalene	15.38	128	341263	56.26	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	160416	50.97	ug/l	99

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

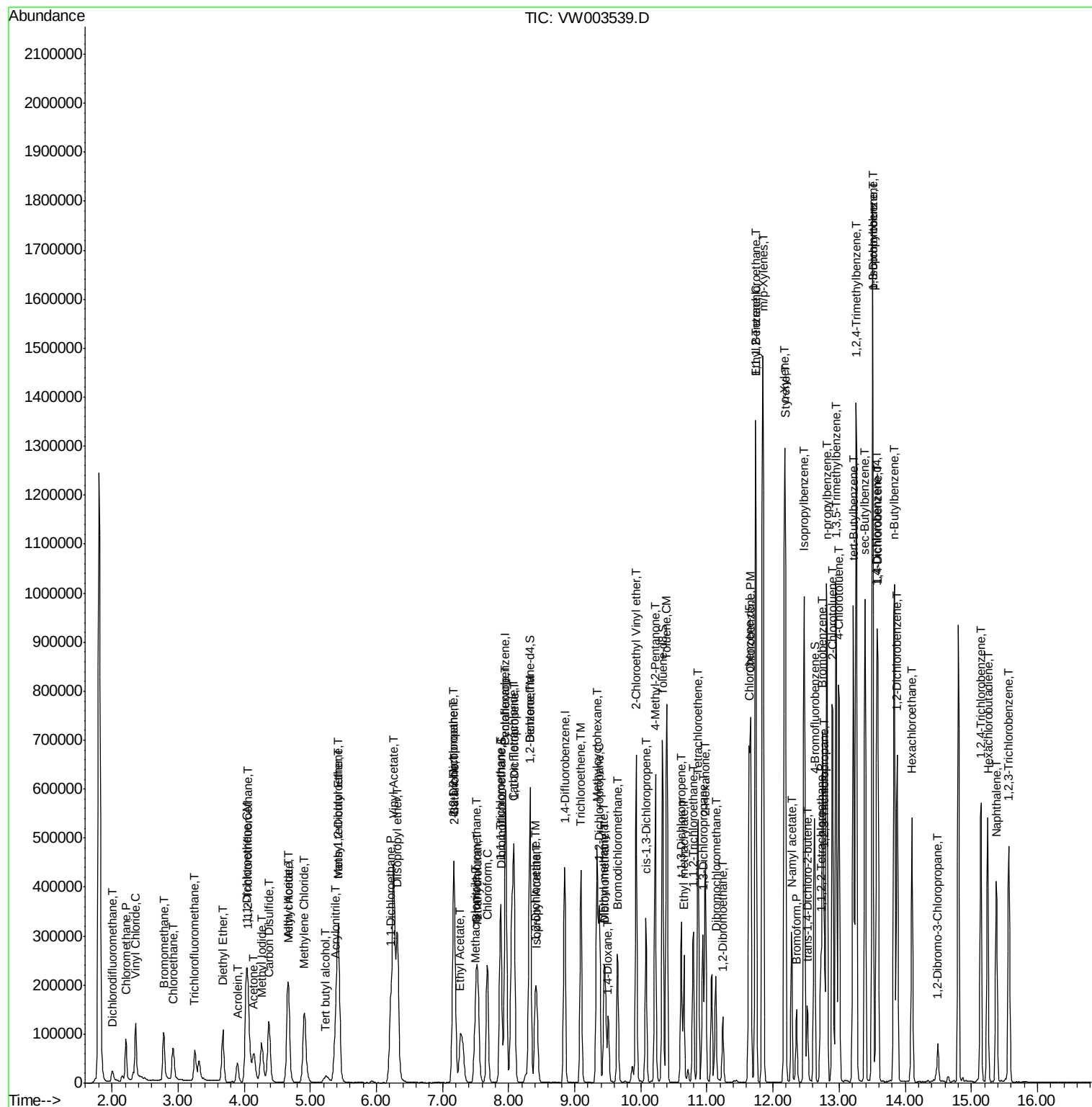
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062418\
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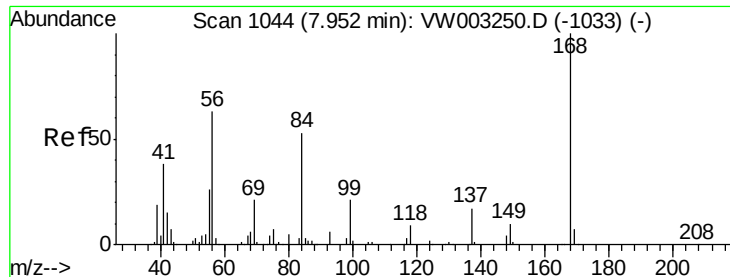
Instrument :
MSVOA_W
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003539.D

Acq: 25 Jun 2018 05:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 217639

Ion Ratio Lower Upper

168 100

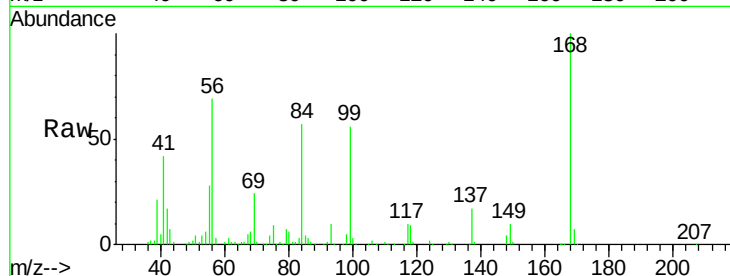
99 55.8 45.5 68.3

Manual Integrations

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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

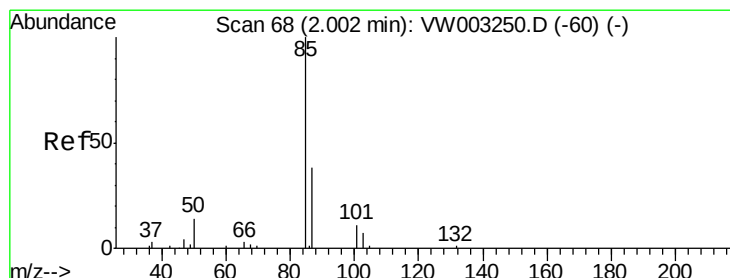
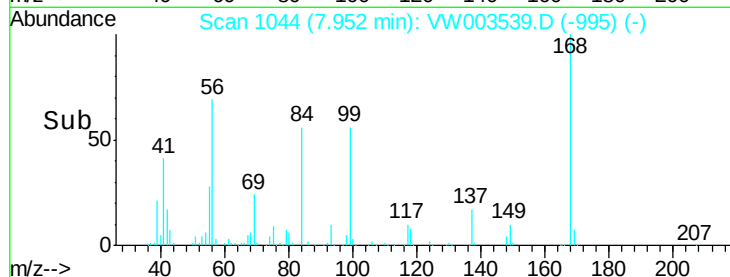
40000

20000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 59.62 ug/l

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW003539.D

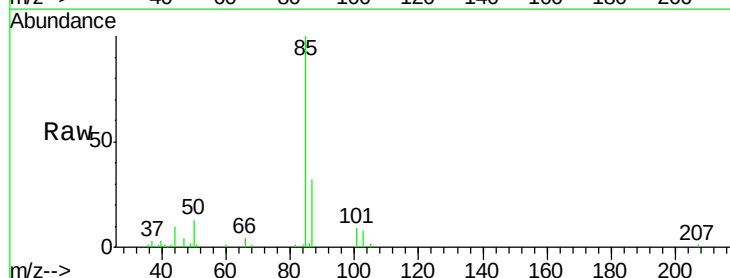
Acq: 25 Jun 2018 05:43

Tgt Ion: 85 Resp: 39230

Ion Ratio Lower Upper

85 100

87 31.6 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

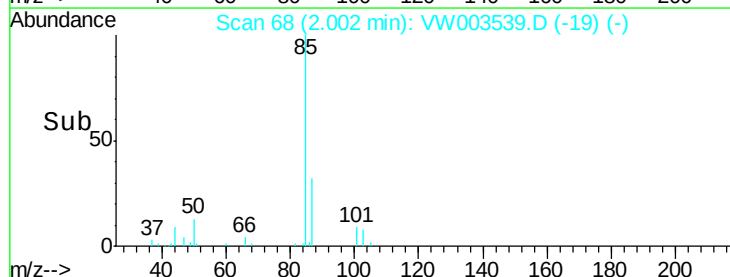
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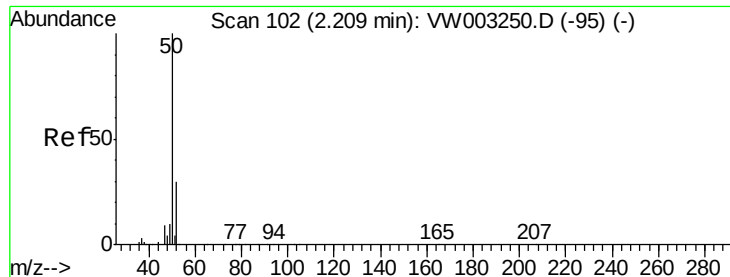
5000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 50.27 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW003539.D

Acq: 25 Jun 2018 05:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 83565

Ion Ratio Lower Upper

50 100

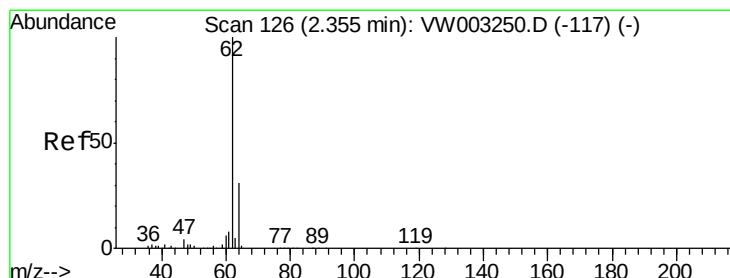
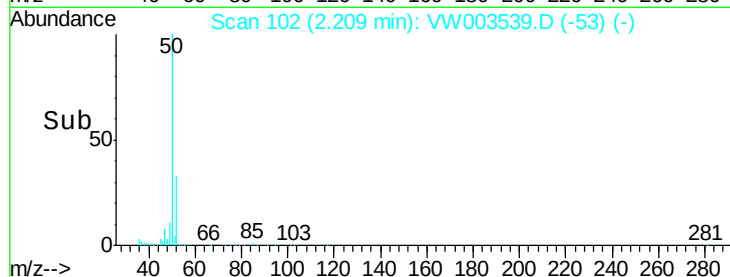
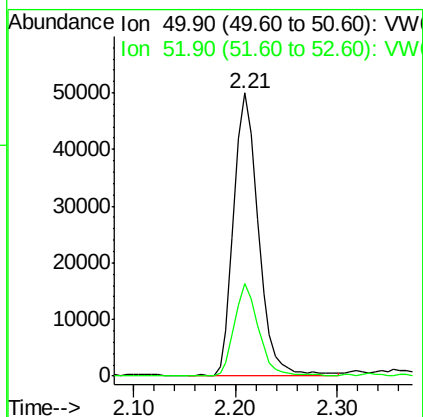
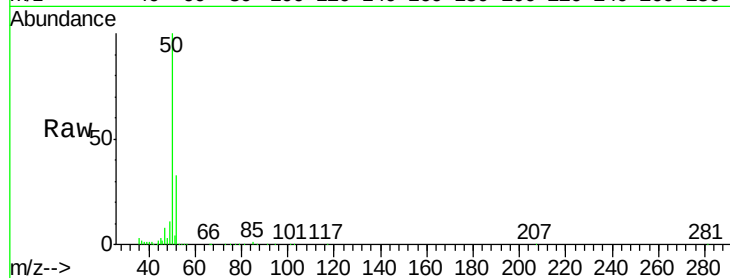
52 32.7 24.2 36.2

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#4

Vinyl Chloride

Concen: 48.34 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW003539.D

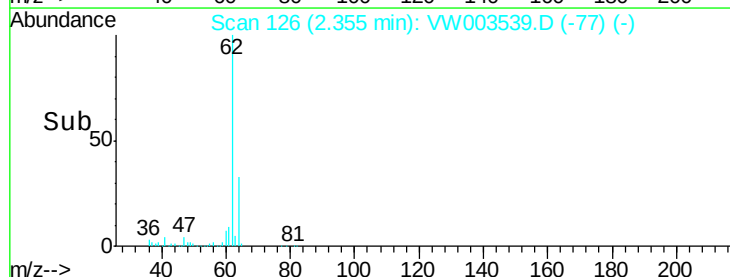
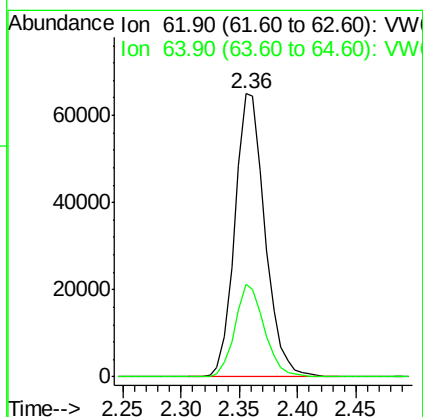
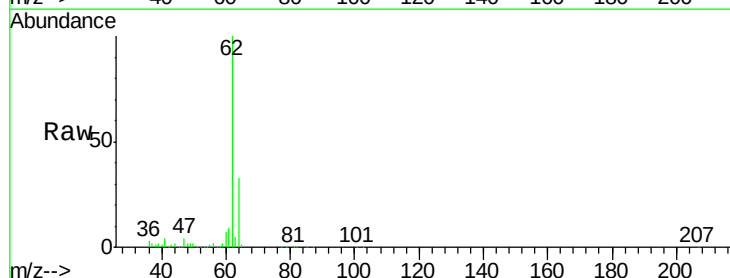
Acq: 25 Jun 2018 05:43

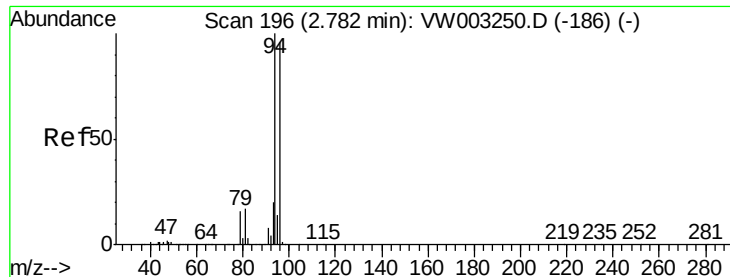
Tgt Ion: 62 Resp: 117159

Ion Ratio Lower Upper

62 100

64 32.6 24.9 37.3





#5

Bromomethane

Concen: 45.72 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.00 min

Lab File: VW003539.D

Acq: 25 Jun 2018 05:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 73640

Ion Ratio Lower Upper

94 100

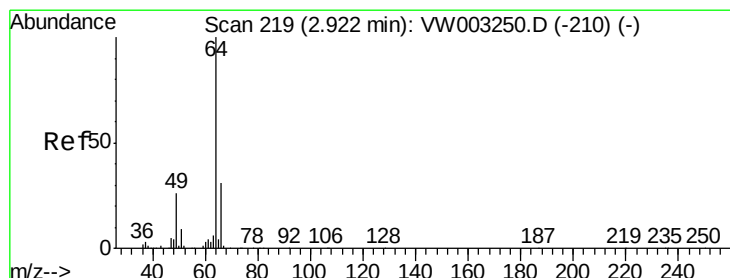
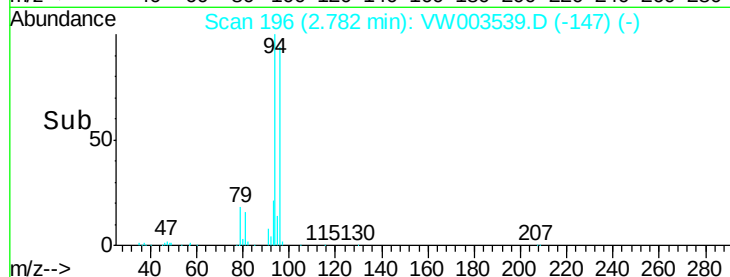
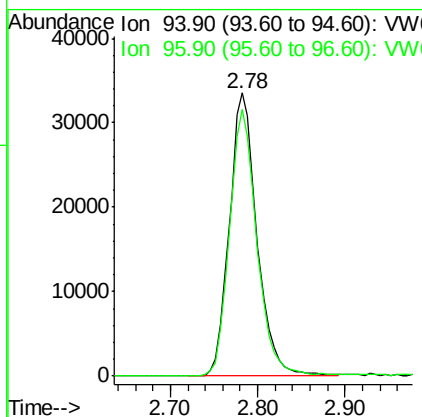
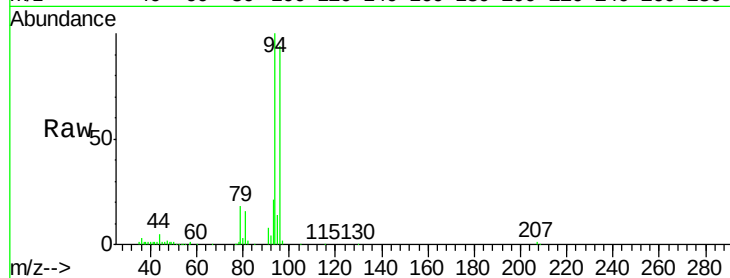
96 94.4 76.5 114.7

Manual Integrations

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#6

Chloroethane

Concen: 45.24 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.00 min

Lab File: VW003539.D

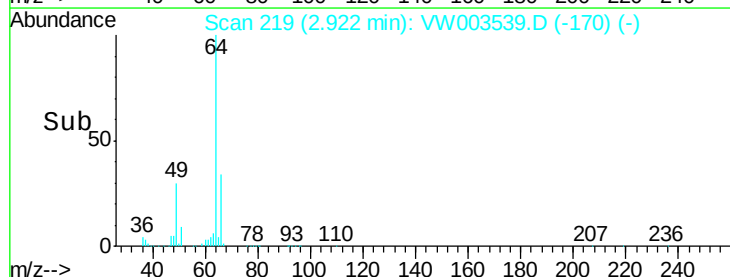
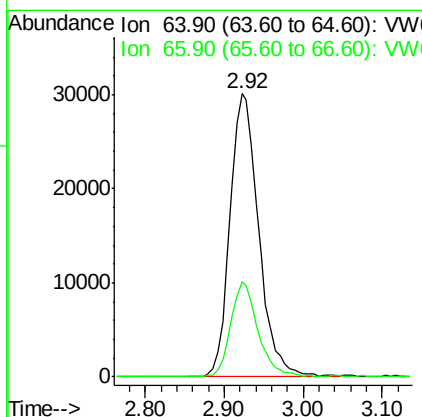
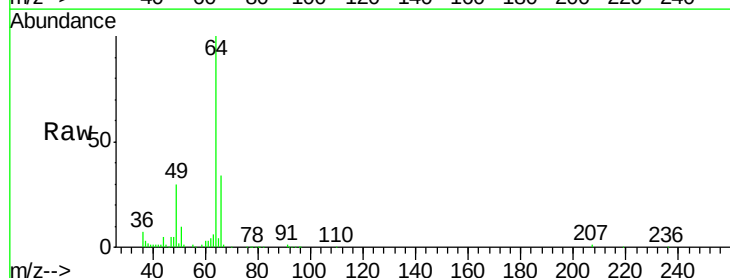
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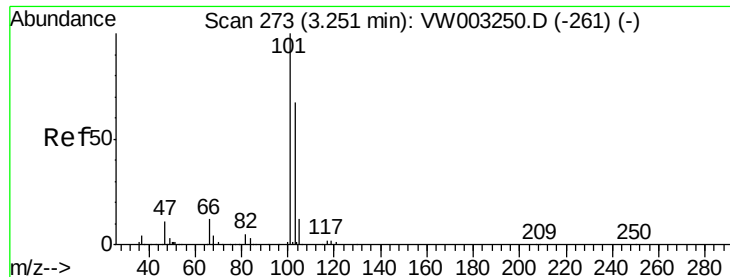
Tgt Ion: 64 Resp: 76318

Ion Ratio Lower Upper

64 100

66 33.3 24.4 36.6





#7

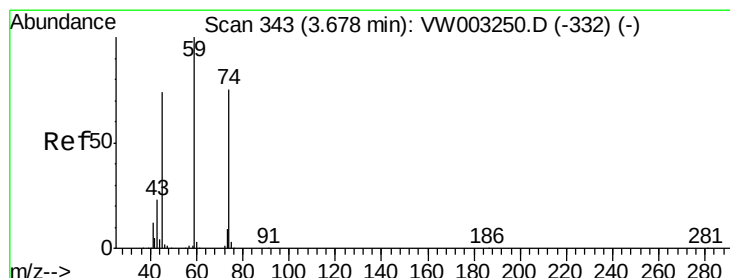
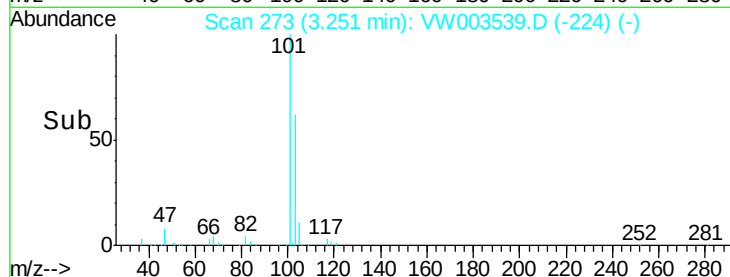
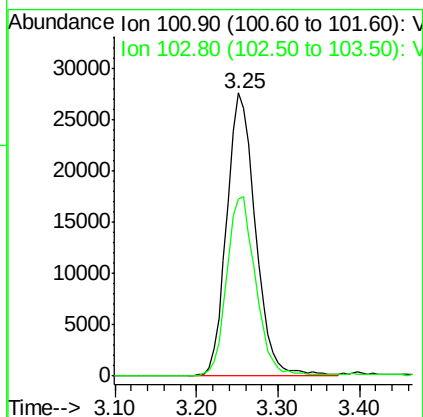
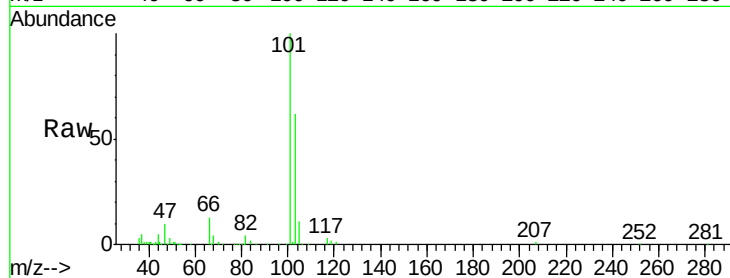
Trichlorofluoromethane
 Concen: 46.42 ug/l
 RT: 3.25 min Scan# 273
 Delta R.T. 0.00 min
 Lab File: VW003539.D
 Acq: 25 Jun 2018 05:43

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	62.5	53.4	80.0

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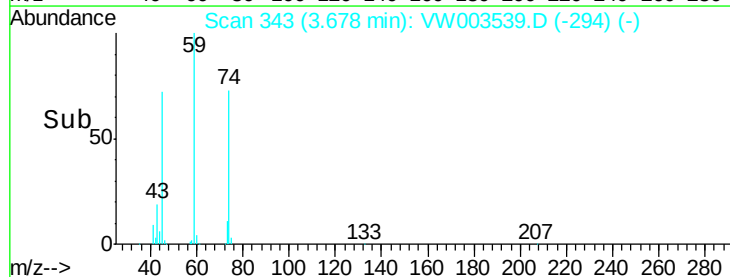
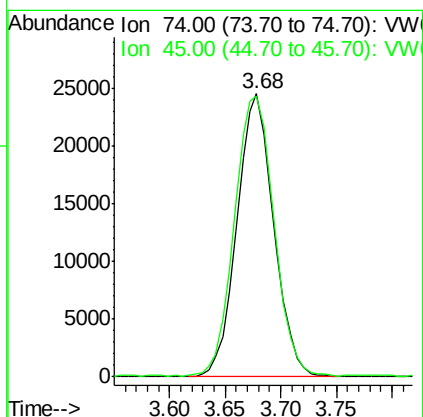
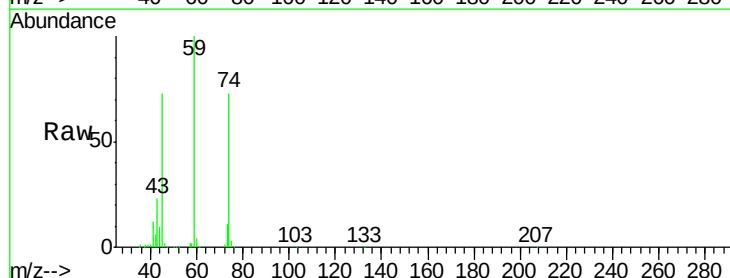
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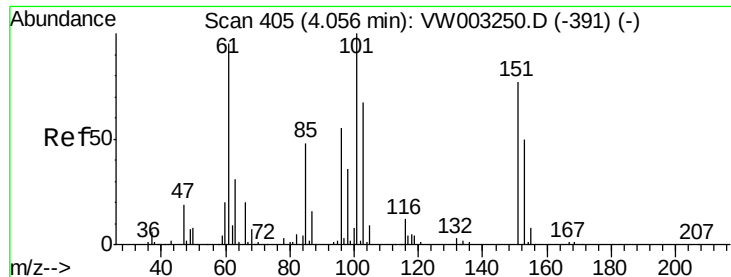


#8

Diethyl Ether
 Concen: 52.61 ug/l
 RT: 3.68 min Scan# 343
 Delta R.T. 0.00 min
 Lab File: VW003539.D
 Acq: 25 Jun 2018 05:43

Tgt Ion	Ratio	Lower	Upper
74	100		
45	106.3	51.4	154.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.27 ug/l

RT: 4.06 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW003539.D

Acq: 25 Jun 2018 05:43

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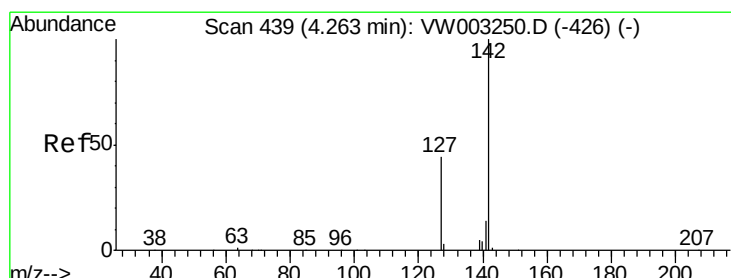
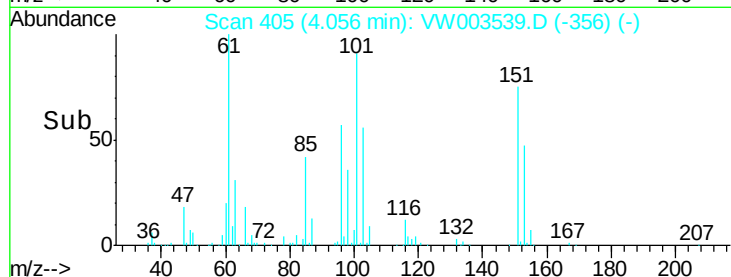
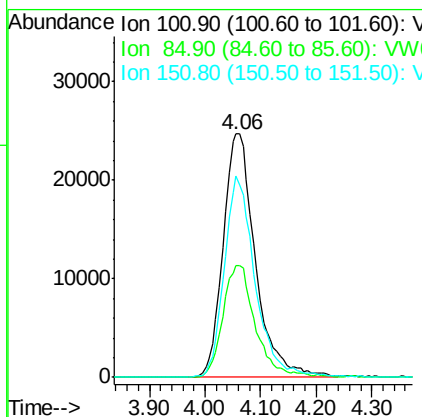
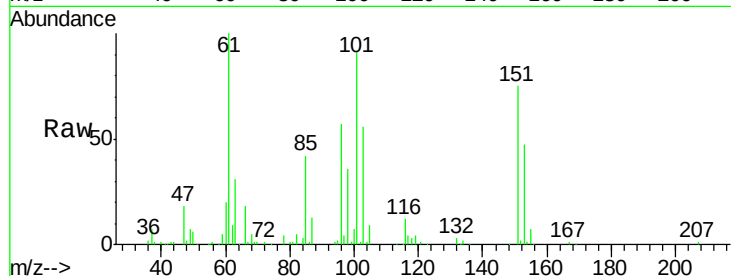
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	99324
Ion Ratio	Lower	Upper	
101	100		
85	46.0	37.0	55.6
151	78.8	63.3	94.9

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#10

Methyl Iodide

Concen: 52.03 ug/l

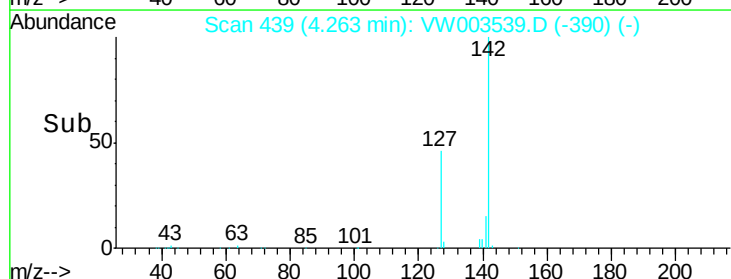
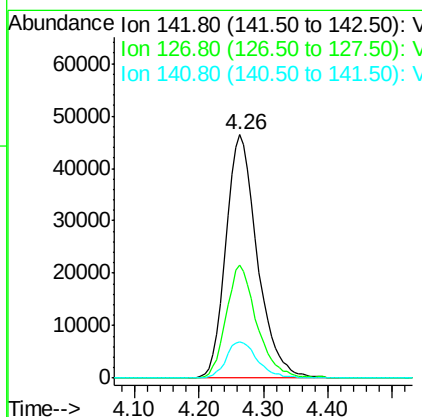
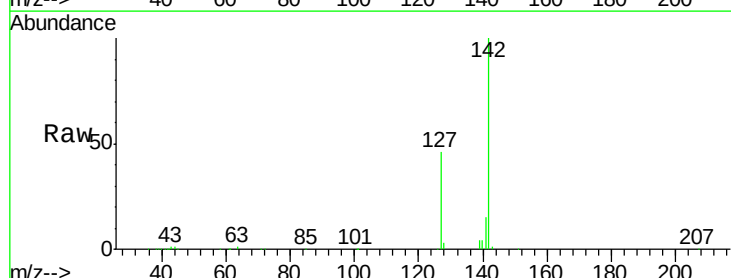
RT: 4.26 min Scan# 439

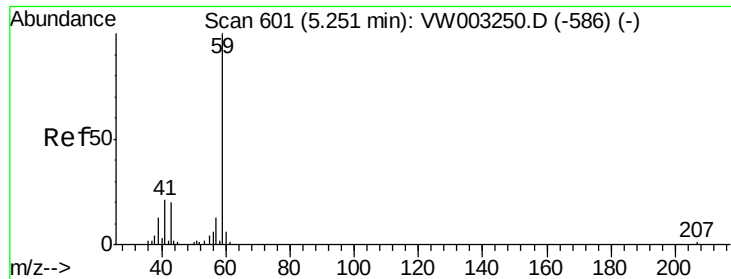
Delta R.T. 0.00 min

Lab File: VW003539.D

Acq: 25 Jun 2018 05:43

Tgt Ion:	142	Resp:	158648
Ion Ratio	Lower	Upper	
142	100		
127	45.2	36.5	54.7
141	14.9	12.1	18.1





#11

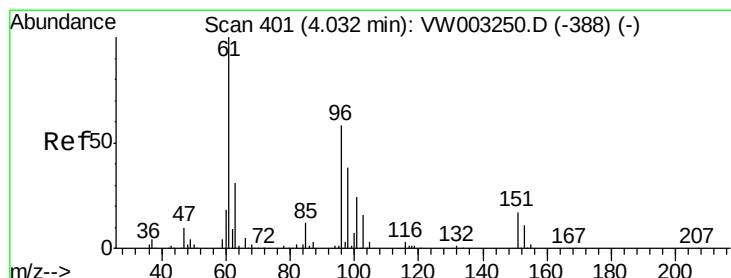
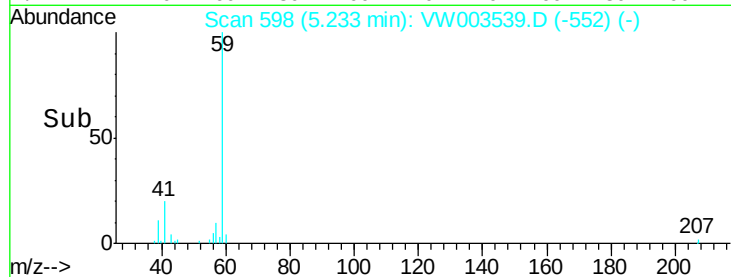
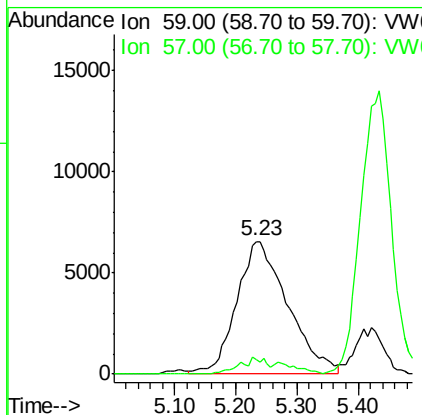
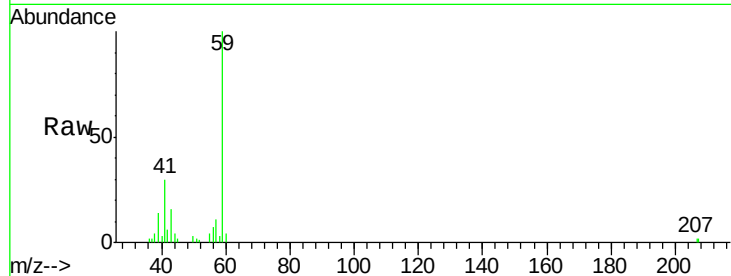
Tert butyl alcohol
 Concen: 301.86 ug/l
 RT: 5.23 min Scan# 598
 Delta R.T. -0.02 min
 Lab File: VW003539.D
 Acq: 25 Jun 2018 05:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	6.4	4.2	6.2#

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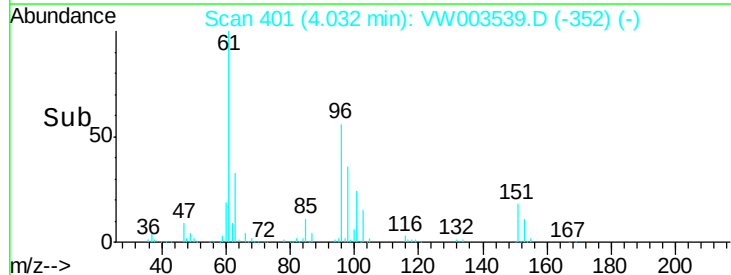
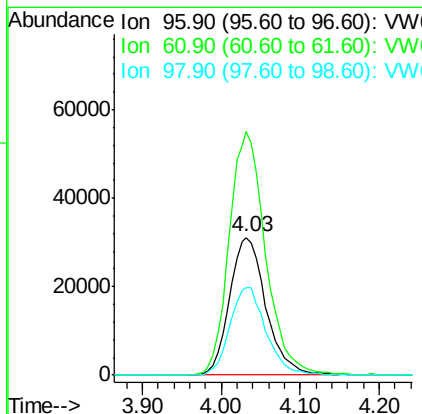
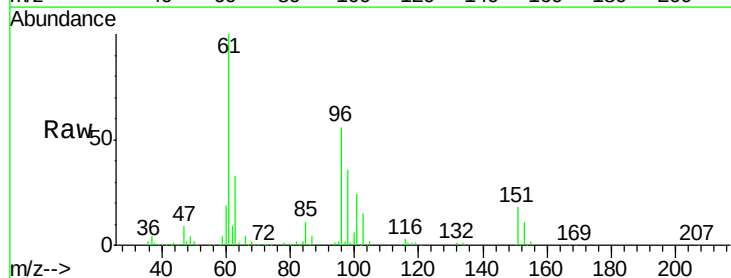
apatel
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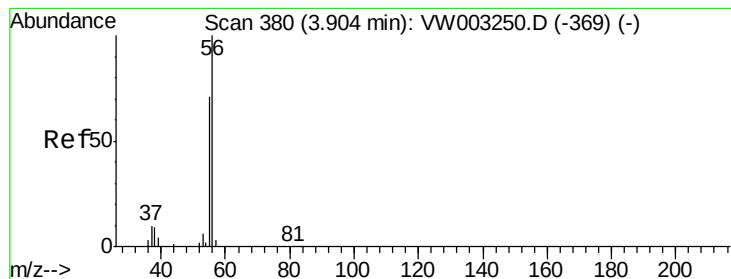


#12

1,1-Dichloroethene
 Concen: 50.54 ug/l
 RT: 4.03 min Scan# 401
 Delta R.T. 0.00 min
 Lab File: VW003539.D
 Acq: 25 Jun 2018 05:43

Tgt Ion	Ratio	Lower	Upper
96	100		
61	177.0	139.0	208.4
98	63.2	53.3	79.9





#13

Acrolein

Concen: 261.69 ug/l

RT: 3.90 min Scan# 379

Delta R.T. -0.01 min

Lab File: VW003539.D

Acq: 25 Jun 2018 05:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 47302

Ion Ratio Lower Upper

56 100

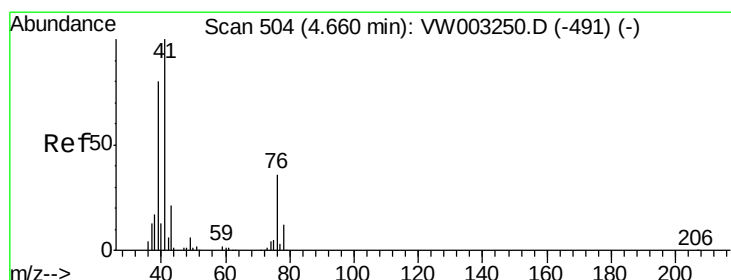
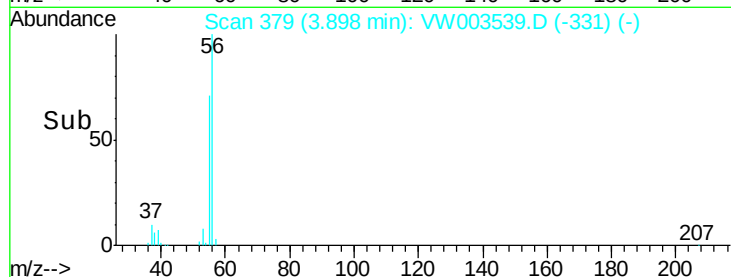
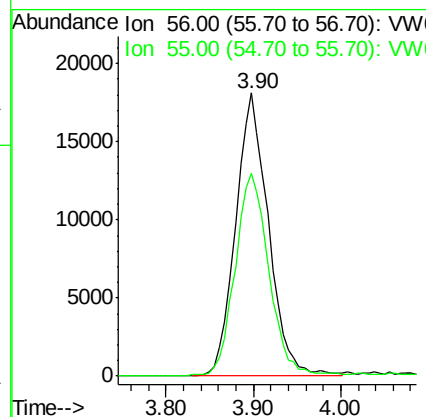
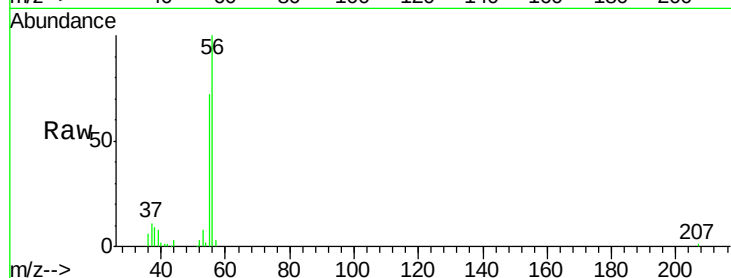
55 73.3 55.4 83.2

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#14

Allyl chloride

Concen: 53.50 ug/l

RT: 4.67 min Scan# 505

Delta R.T. 0.01 min

Lab File: VW003539.D

Acq: 25 Jun 2018 05:43

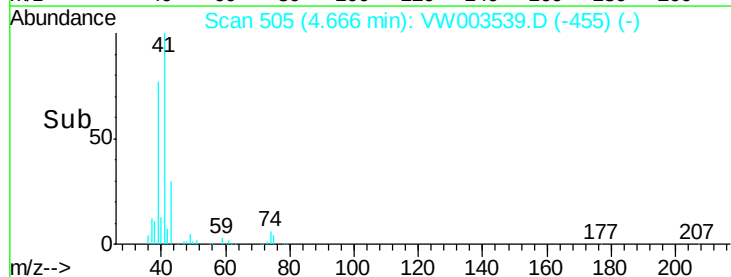
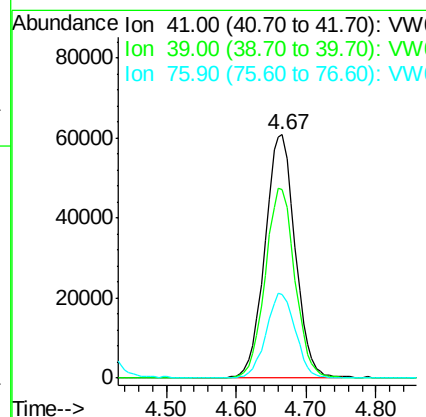
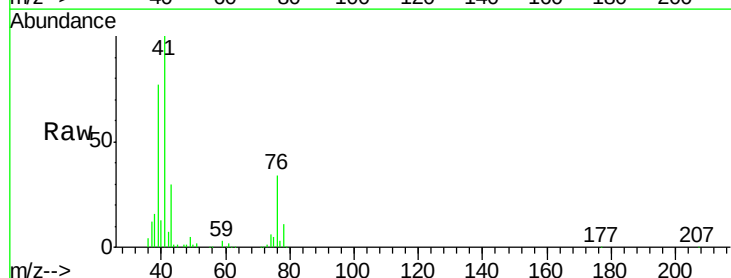
Tgt Ion: 41 Resp: 182570

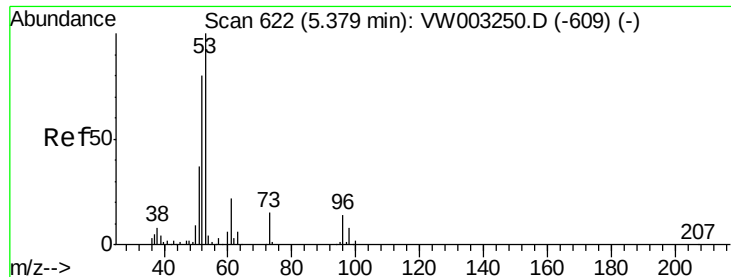
Ion Ratio Lower Upper

41 100

39 76.8 63.2 94.8

76 33.7 28.0 42.0





#15

Acrylonitrile

Concen: 295.91 ug/l

RT: 5.38 min Scan# 622

Delta R.T. 0.00 min

Lab File: VW003539.D

Acq: 25 Jun 2018 05:43

Instrument :

MSVOA_W

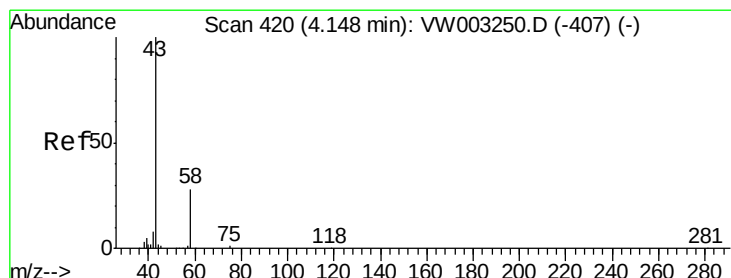
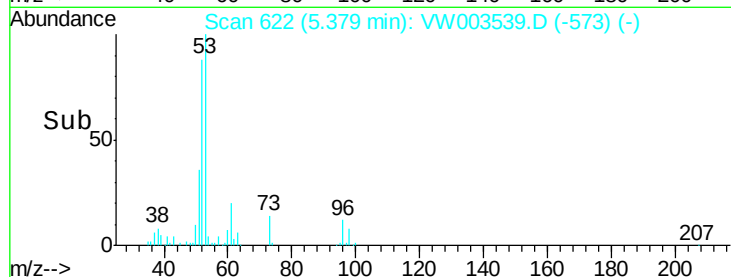
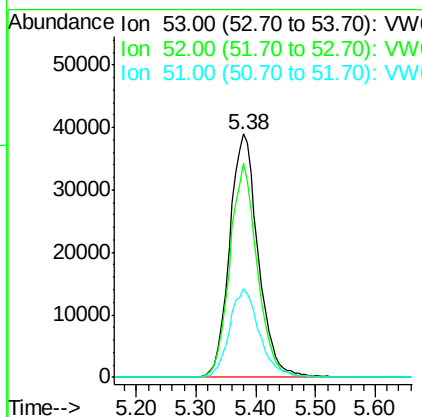
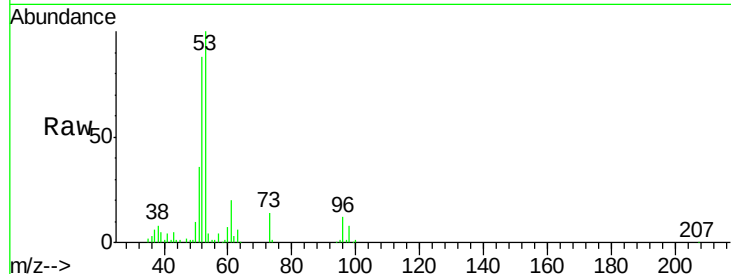
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
53	100			
52	83.9	66.6	100.0	
51	38.1	30.6	46.0	

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#16

Acetone

Concen: 224.46 ug/l

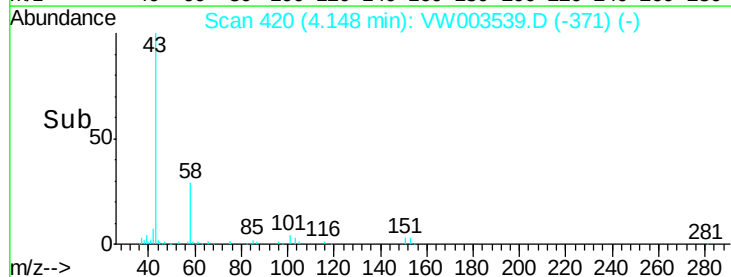
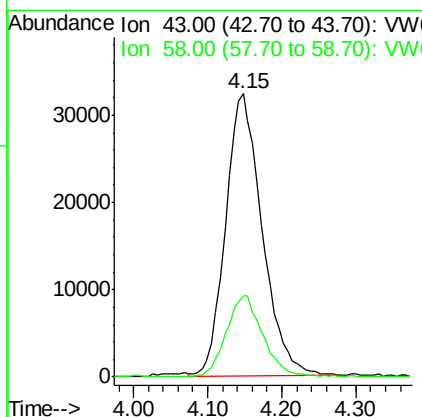
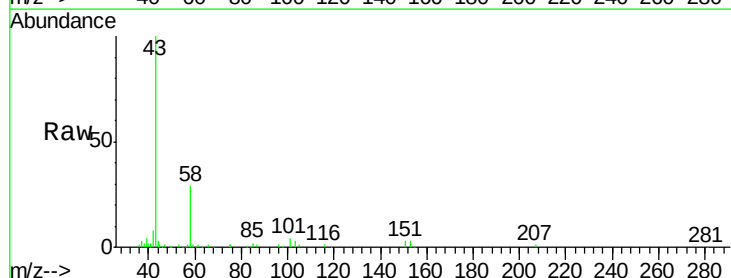
RT: 4.15 min Scan# 420

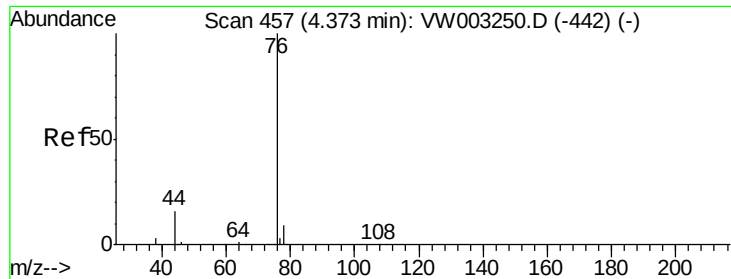
Delta R.T. 0.00 min

Lab File: VW003539.D

Acq: 25 Jun 2018 05:43

Tgt Ion	Ion	Ratio	Lower	Upper
43	100			
58	28.8	22.6	34.0	





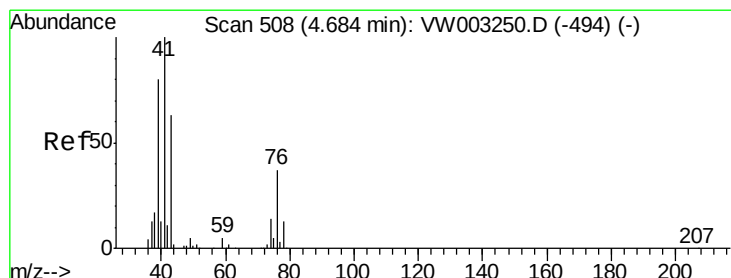
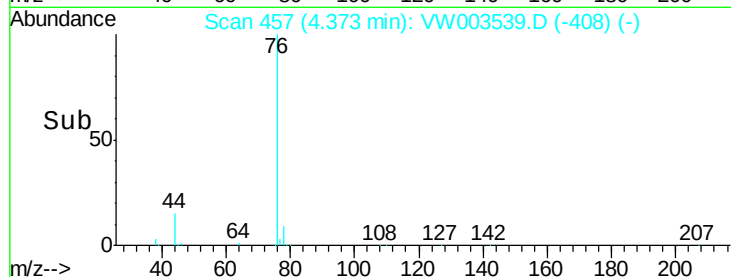
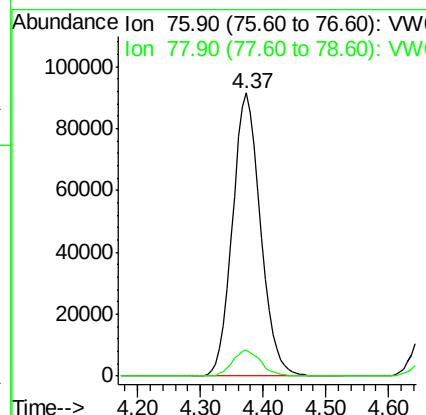
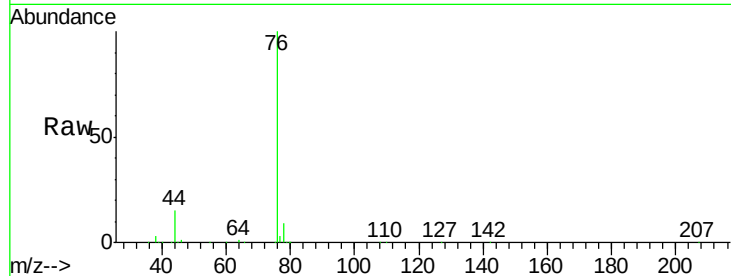
#17
Carbon Disulfide
Concen: 48.61 ug/l
RT: 4.37 min Scan# 457
Delta R.T. 0.00 min
Lab File: VW003539.D
Acq: 25 Jun 2018 05:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.1	10.7

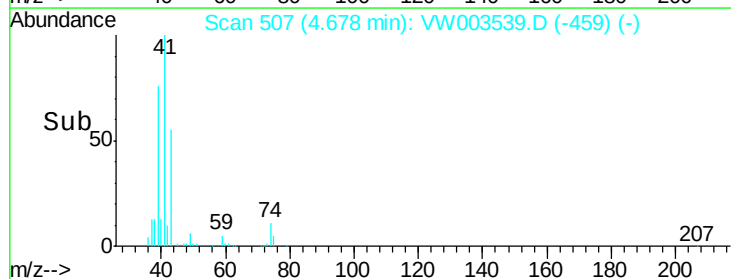
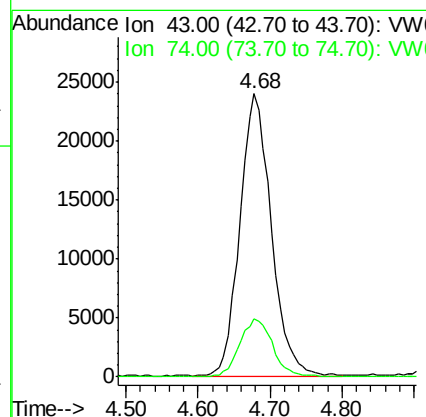
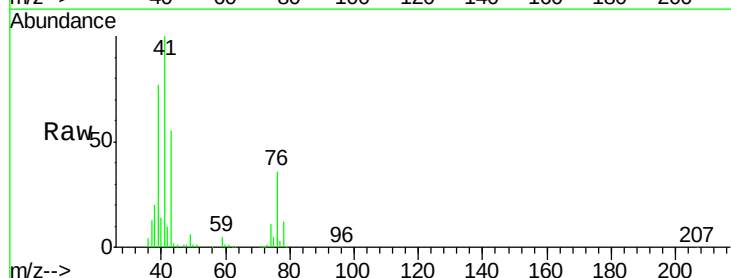
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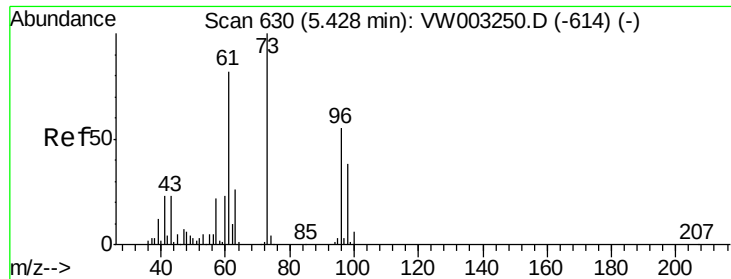
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#18
Methyl Acetate
Concen: 61.87 ug/l
RT: 4.68 min Scan# 507
Delta R.T. -0.01 min
Lab File: VW003539.D
Acq: 25 Jun 2018 05:43

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.6	18.7	28.1





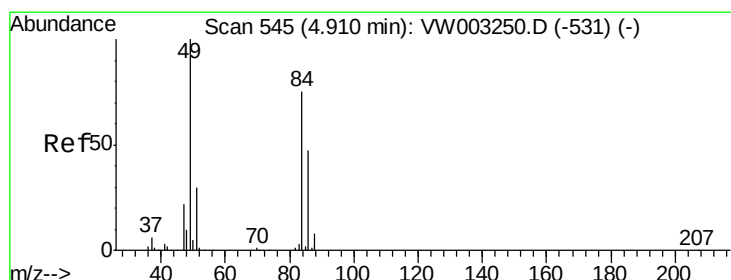
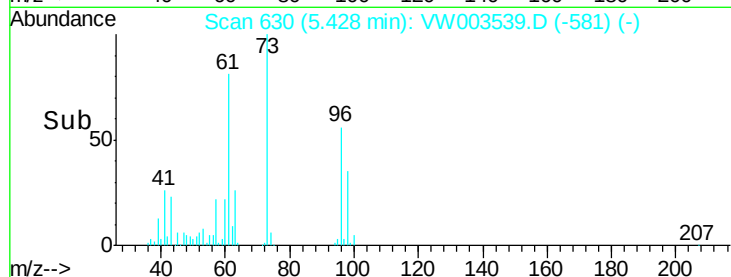
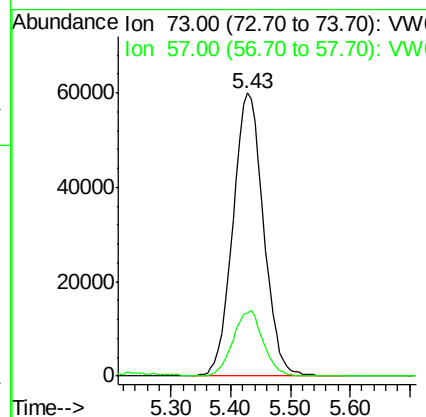
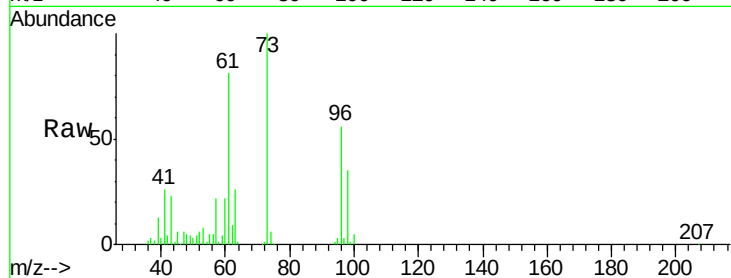
#19
Methyl tert-butyl Ether
Concen: 57.90 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.00 min
Lab File: VW003539.D
Acq: 25 Jun 2018 05:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 213668
Ion Ratio Lower Upper
73 100
57 22.3 18.0 27.0

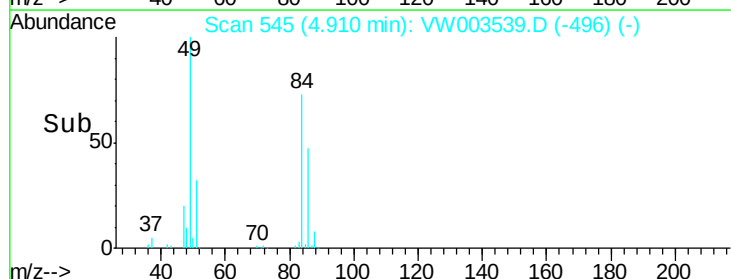
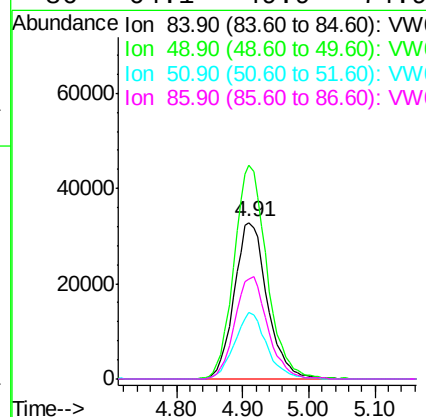
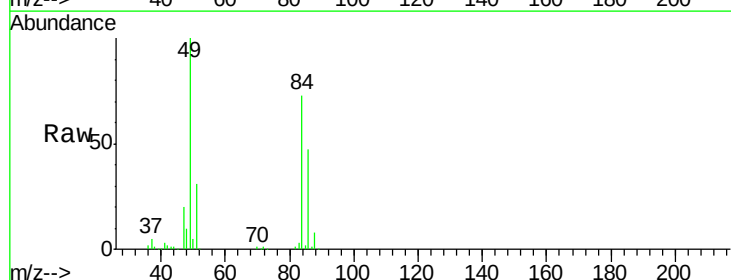
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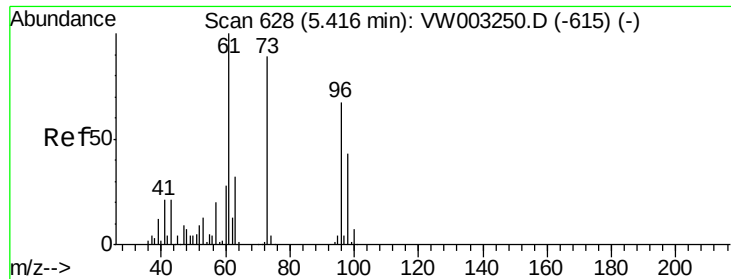
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#20
Methylene Chloride
Concen: 54.47 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003539.D
Acq: 25 Jun 2018 05:43

Tgt Ion: 84 Resp: 113703
Ion Ratio Lower Upper
84 100
49 136.6 106.3 159.5
51 43.0 32.0 48.0
86 64.1 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 51.83 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.00 min

Lab File: VW003539.D

Acq: 25 Jun 2018 05:43

Instrument :

MSVOA_W

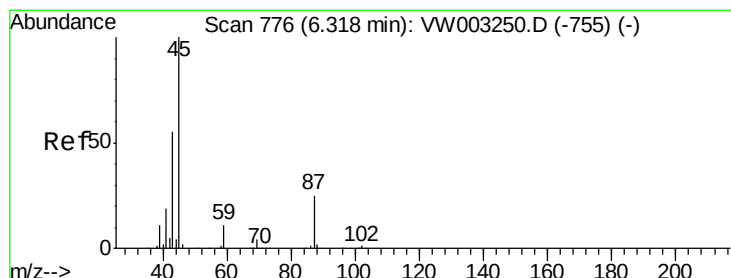
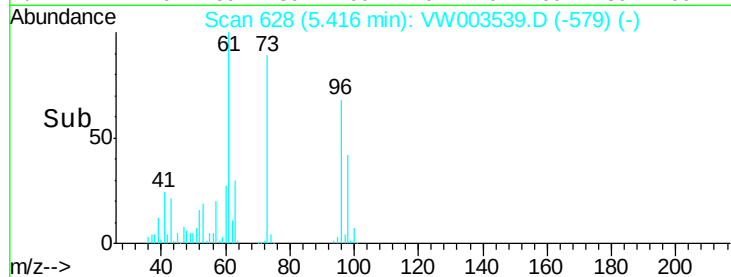
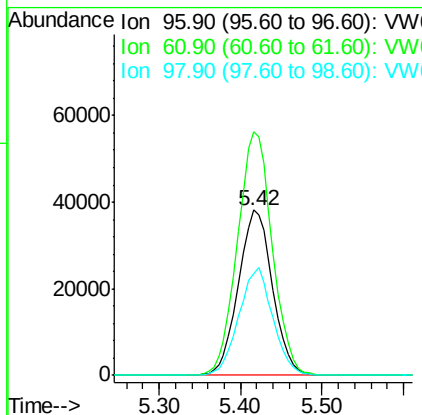
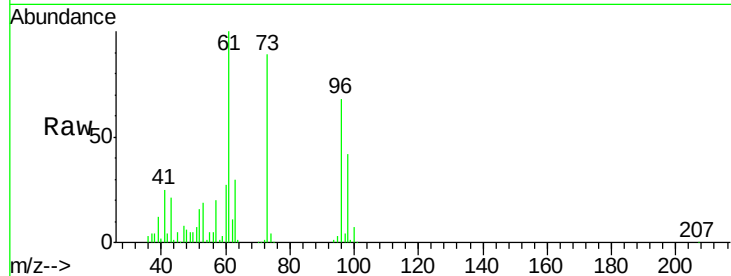
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	111136
Ion	Ratio	Lower	Upper
96	100		
61	147.2	118.7	178.1
98	61.4	51.0	76.6

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#22

Diisopropyl ether

Concen: 57.94 ug/l

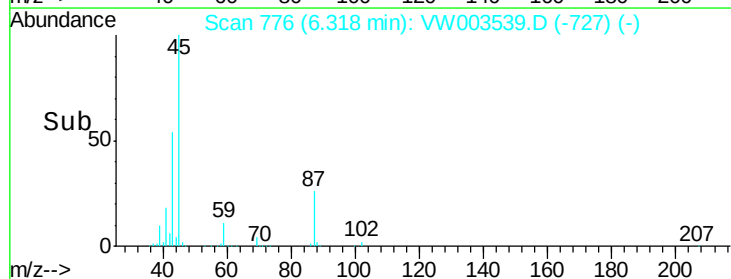
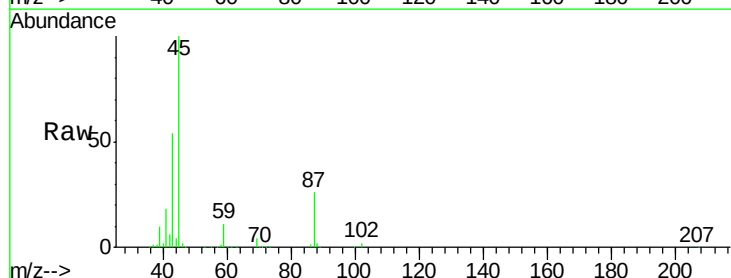
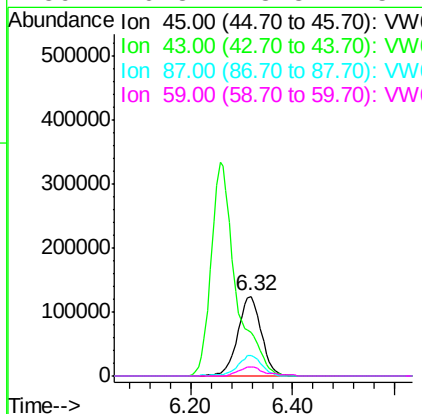
RT: 6.32 min Scan# 776

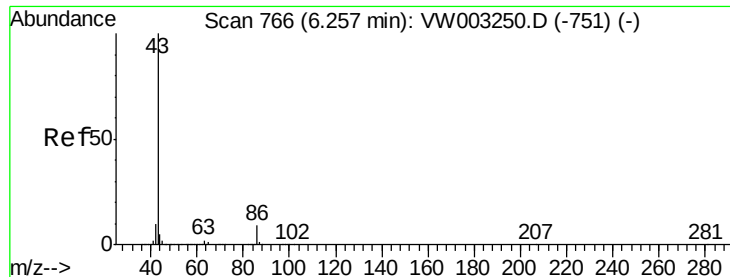
Delta R.T. 0.00 min

Lab File: VW003539.D

Acq: 25 Jun 2018 05:43

Tgt Ion:	45	Resp:	397921
Ion	Ratio	Lower	Upper
45	100		
43	54.0	44.0	66.0
87	25.8	20.6	31.0
59	10.8	8.8	13.2





#23

Vinyl Acetate

Concen: 282.75 ug/l

RT: 6.26 min Scan# 766

Delta R.T. 0.00 min

Lab File: VW003539.D

Acq: 25 Jun 2018 05:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1119118

Ion Ratio Lower Upper

43 100

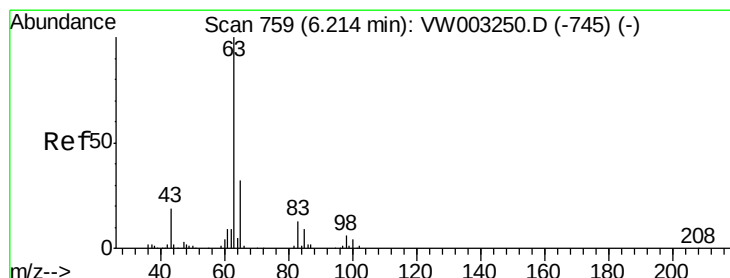
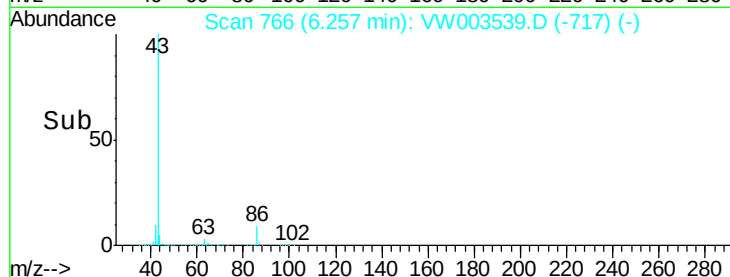
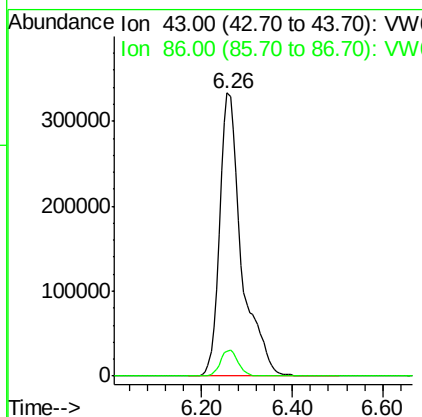
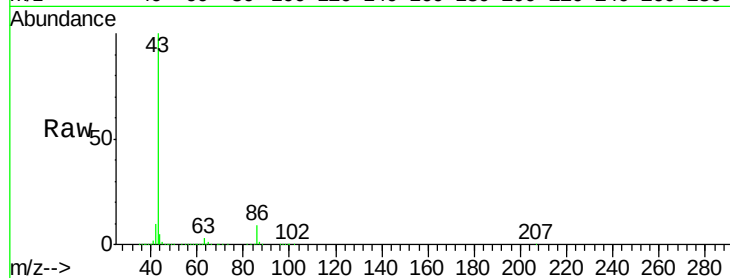
86 8.9 7.5 11.3

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#24

1,1-Dichloroethane

Concen: 54.80 ug/l

RT: 6.21 min Scan# 759

Delta R.T. 0.00 min

Lab File: VW003539.D

Acq: 25 Jun 2018 05:43

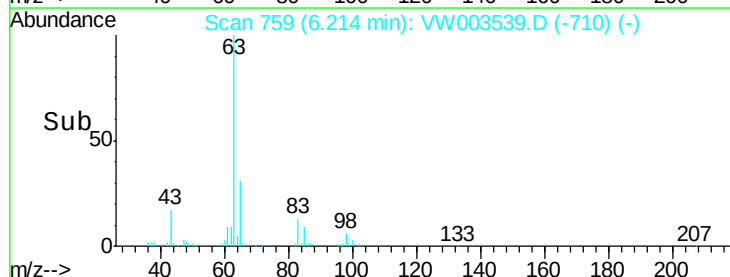
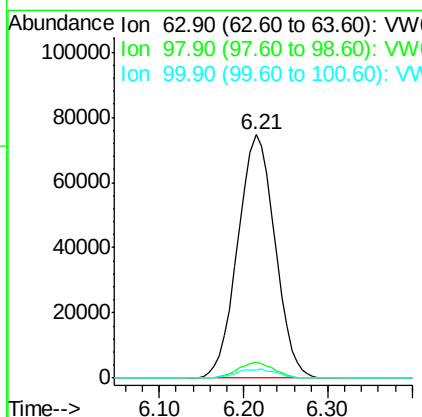
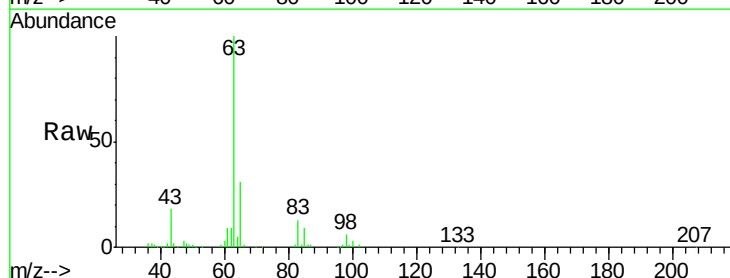
Tgt Ion: 63 Resp: 223455

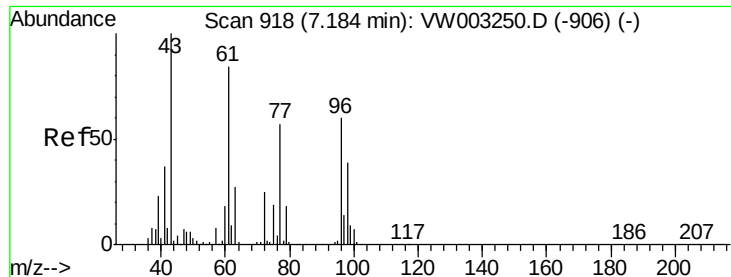
Ion Ratio Lower Upper

63 100

98 6.5 2.8 8.3

100 3.4 2.1 6.5





#25

2-Butanone

Concen: 277.66 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.00 min

Lab File: VW003539.D

Acq: 25 Jun 2018 05:43

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050EC

Tot Ion: 43 Resp: 170700

Ion Ratio Lower Upper

43 100

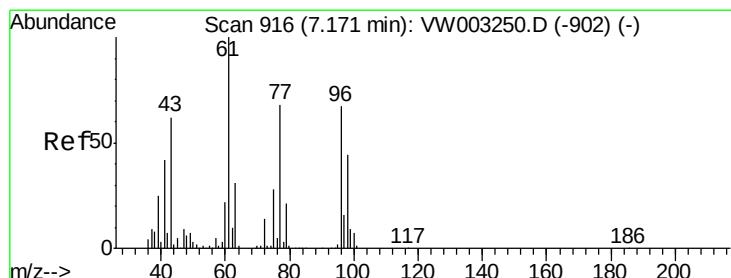
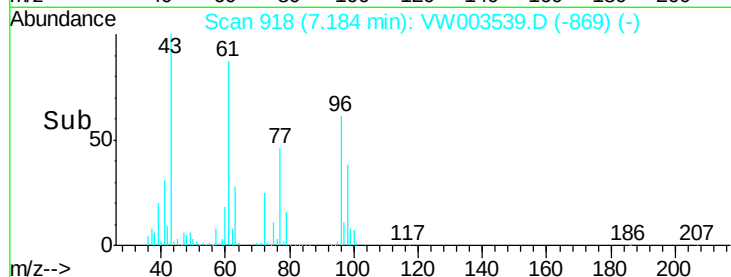
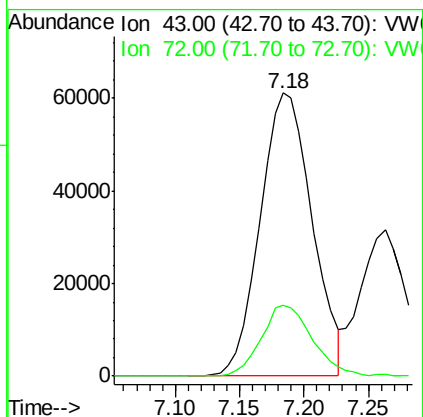
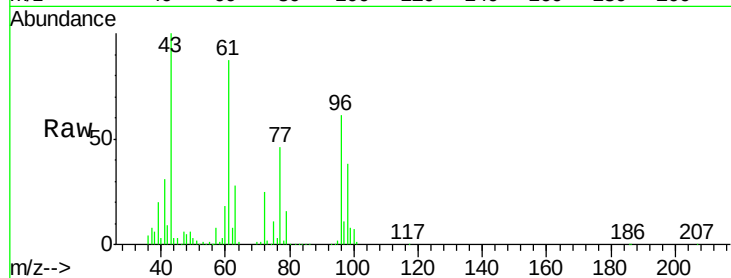
72 25.3 20.3 30.5

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#26

2,2-Dichloropropane

Concen: 42.03 ug/l

RT: 7.17 min Scan# 916

Delta R.T. 0.00 min

Lab File: VW003539.D

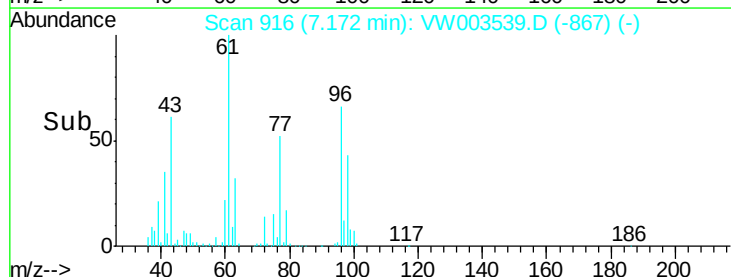
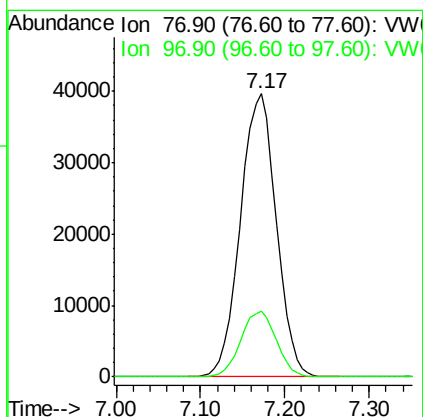
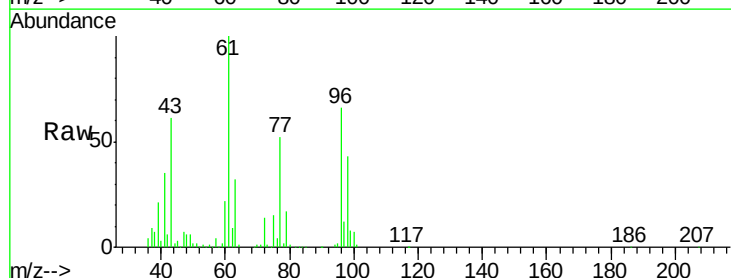
Acq: 25 Jun 2018 05:43

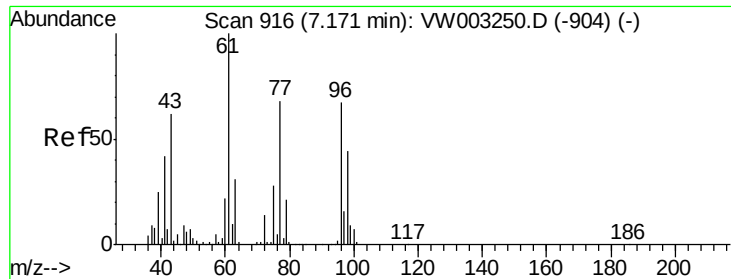
Tgt Ion: 77 Resp: 114376

Ion Ratio Lower Upper

77 100

97 23.0 11.3 33.9





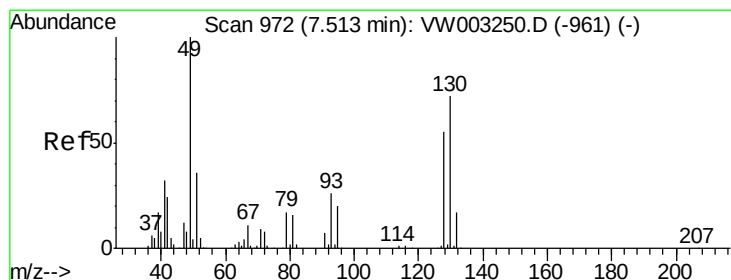
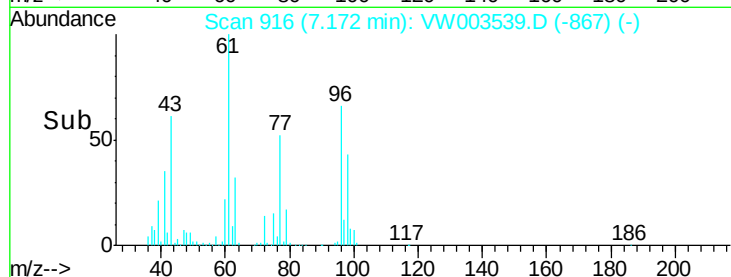
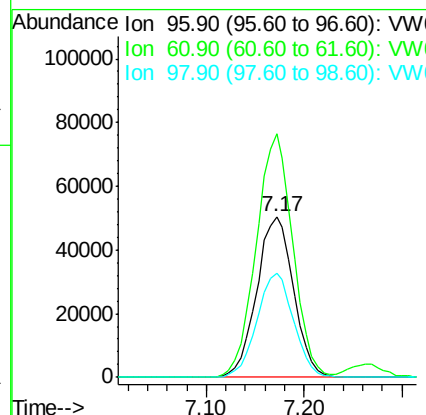
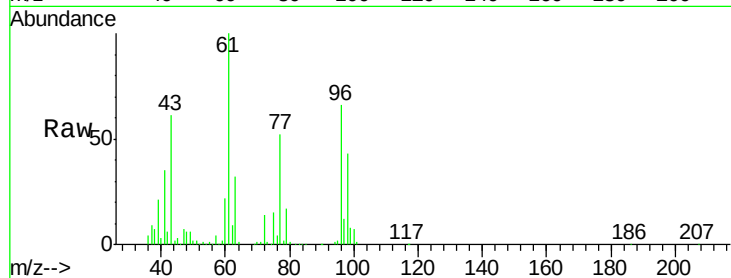
#27
 cis-1,2-Dichloroethene
 Concen: 55.87 ug/l
 RT: 7.17 min Scan# 916
 Delta R.T. 0.00 min
 Lab File: VW003539.D
 Acq: 25 Jun 2018 05:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	150.2	0.0	298.8
98	64.3	0.0	130.4

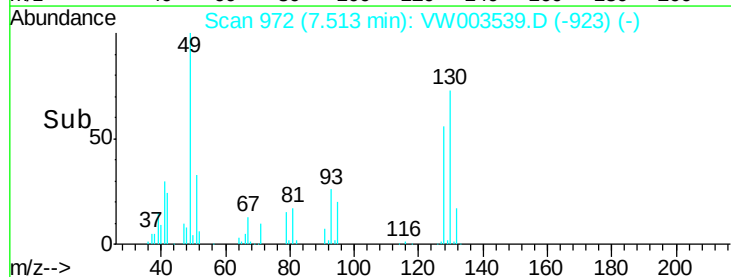
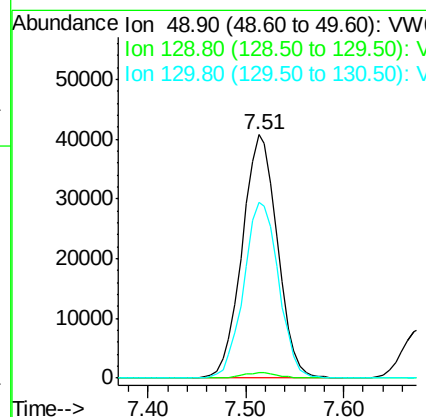
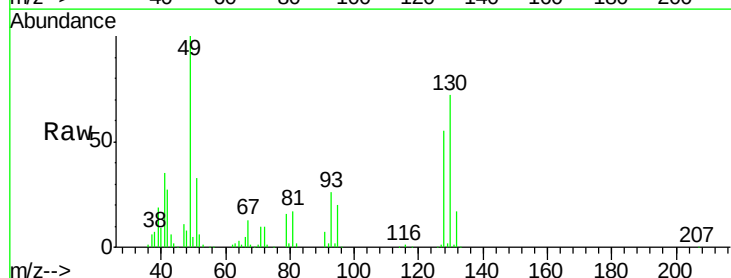
Manual Integrations
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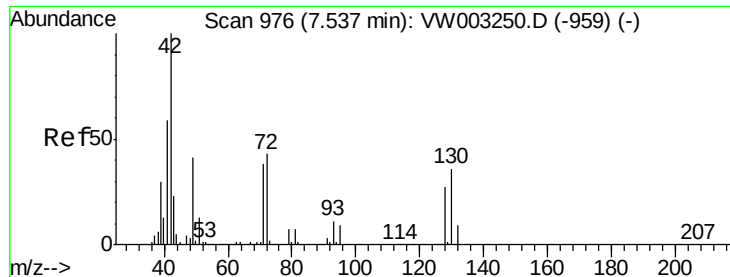
apatel
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#28
 Bromochloromethane
 Concen: 60.11 ug/l
 RT: 7.51 min Scan# 972
 Delta R.T. 0.00 min
 Lab File: VW003539.D
 Acq: 25 Jun 2018 05:43

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.6
130	71.6	59.4	89.2





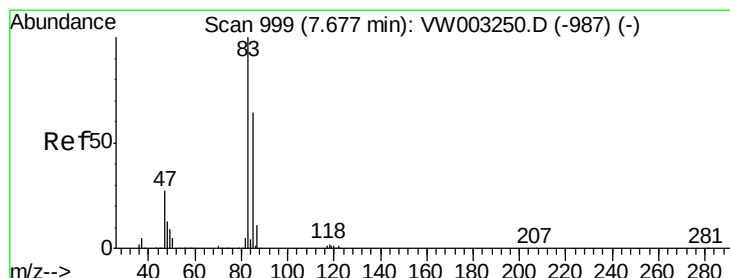
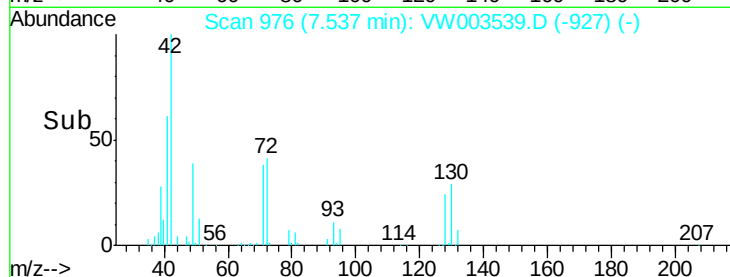
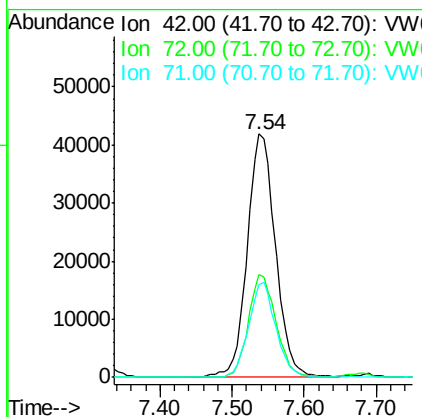
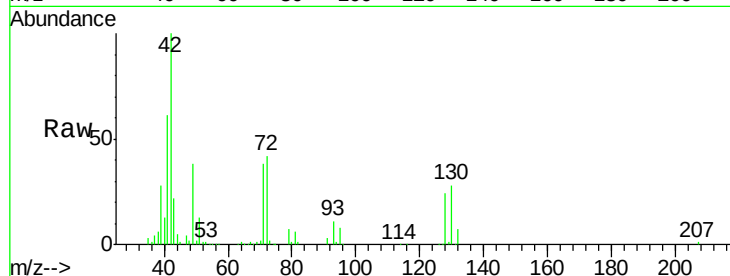
#29
Tetrahydrofuran
Concen: 302.22 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.00 min
Lab File: VW003539.D
Acq: 25 Jun 2018 05:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.4	32.4	48.6
71	37.8	31.2	46.8

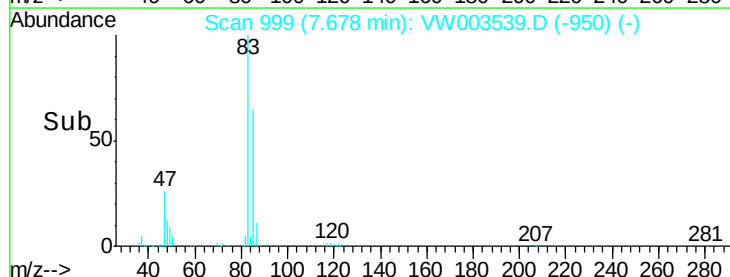
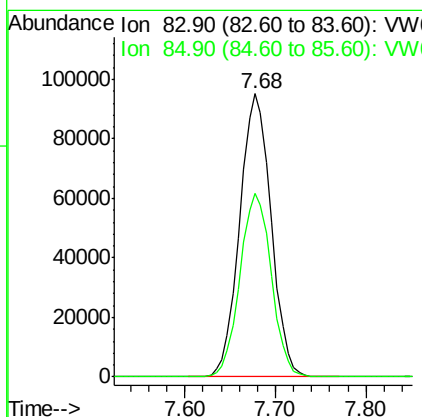
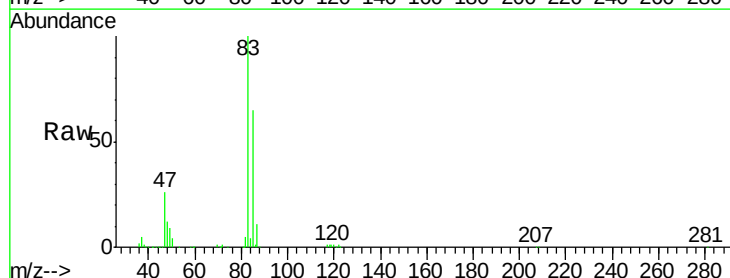
Manual Integrations
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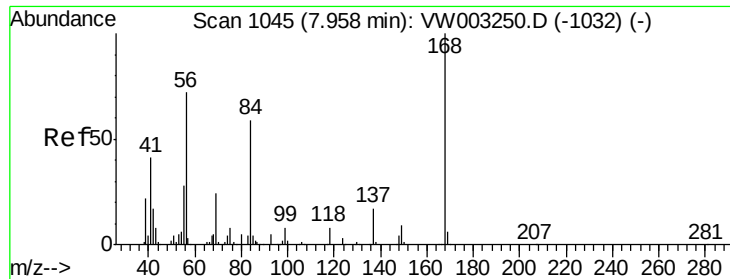
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#30
Chloroform
Concen: 54.91 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW003539.D
Acq: 25 Jun 2018 05:43

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	51.3	76.9





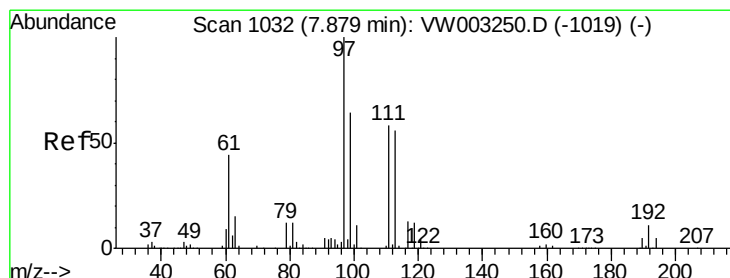
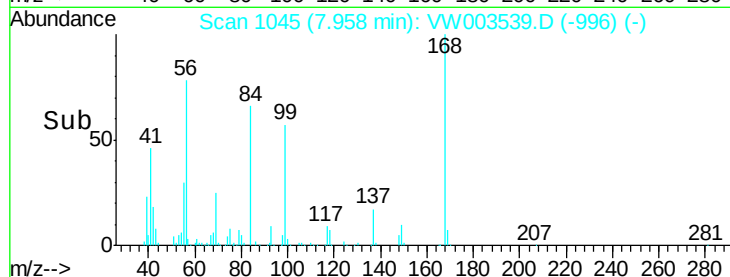
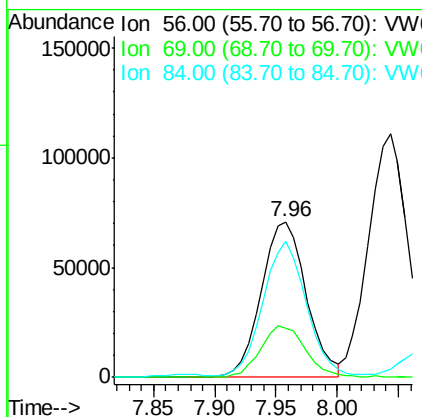
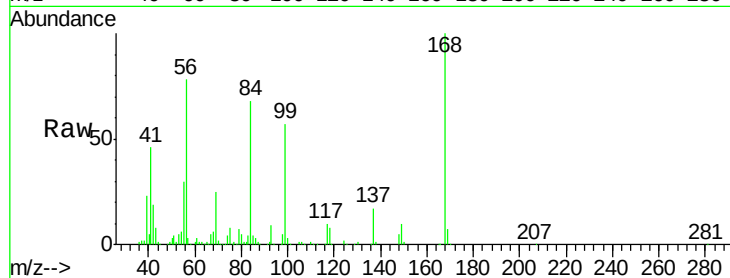
#31
Cyclohexane
Concen: 47.89 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. 0.00 min
Lab File: VW003539.D
Acq: 25 Jun 2018 05:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.5	26.3	39.5
84	85.4	65.7	98.5

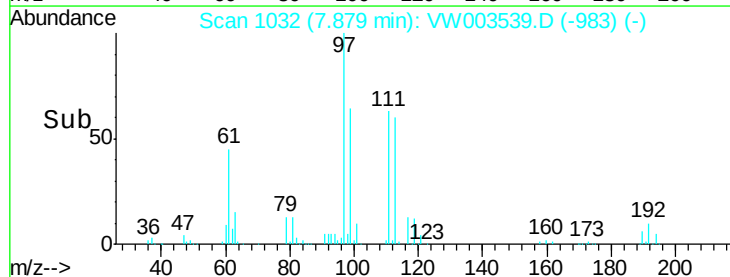
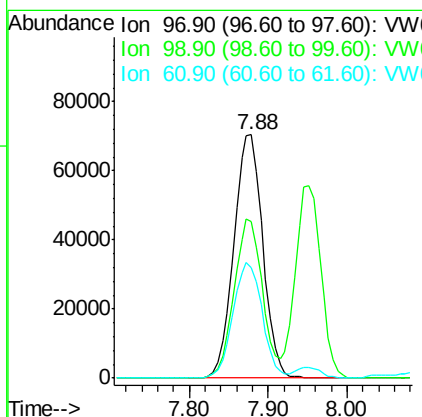
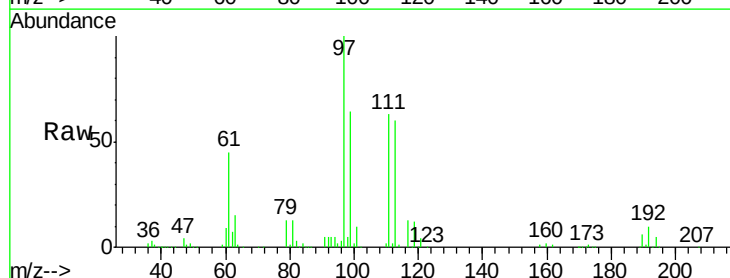
Manual Integrations
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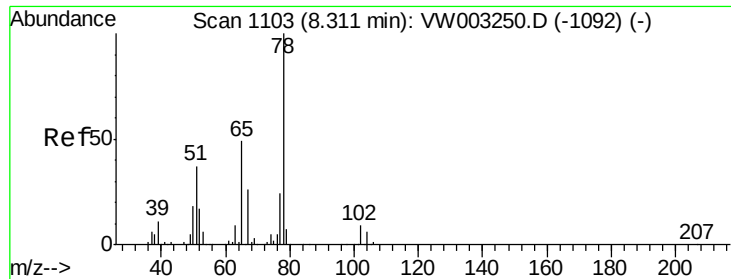
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#32
1,1,1-Trichloroethane
Concen: 52.30 ug/l
RT: 7.88 min Scan# 1032
Delta R.T. 0.00 min
Lab File: VW003539.D
Acq: 25 Jun 2018 05:43

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.7	77.5
61	47.9	37.6	56.4





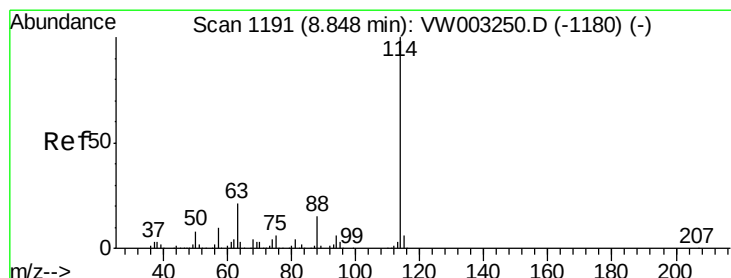
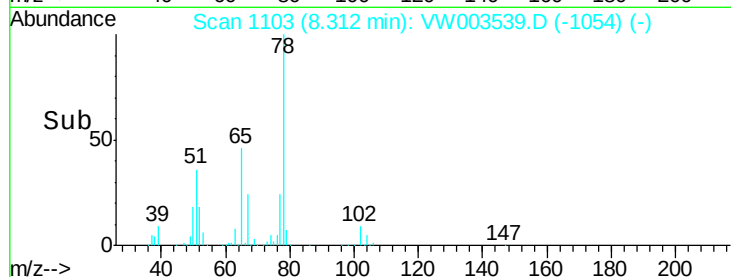
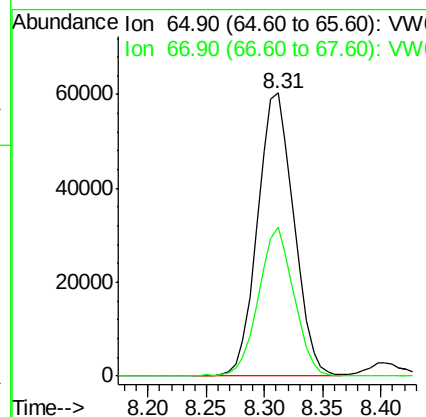
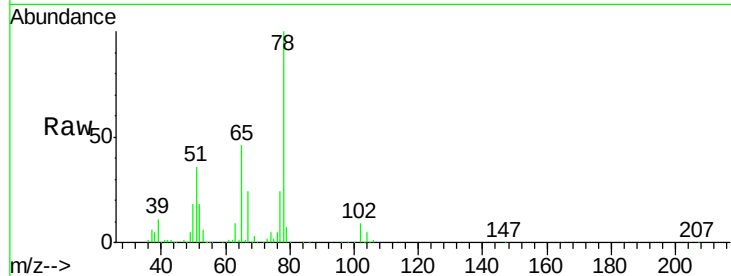
#33
 1,2-Dichloroethane-d4
 Concen: 55.42 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW003539.D
 Acq: 25 Jun 2018 05:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	130651		
67	51.2	0.0	104.2	

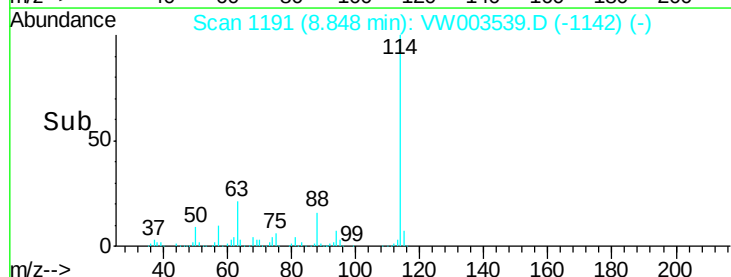
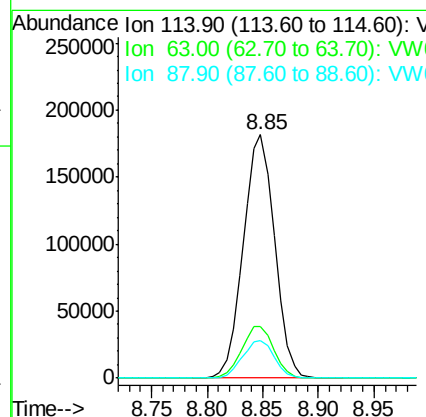
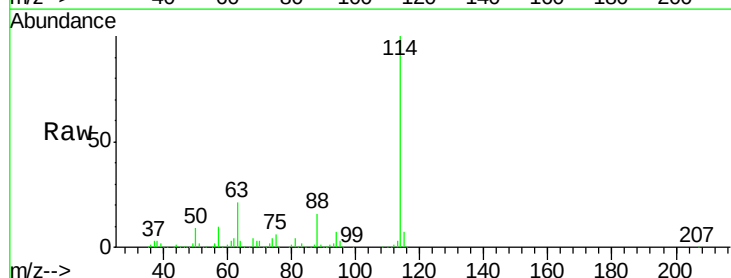
Manual Integrations
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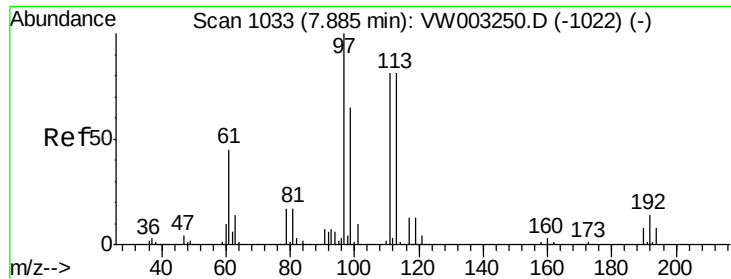
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003539.D
 Acq: 25 Jun 2018 05:43

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	355016		
63	21.3	0.0	43.0	
88	15.5	0.0	29.6	





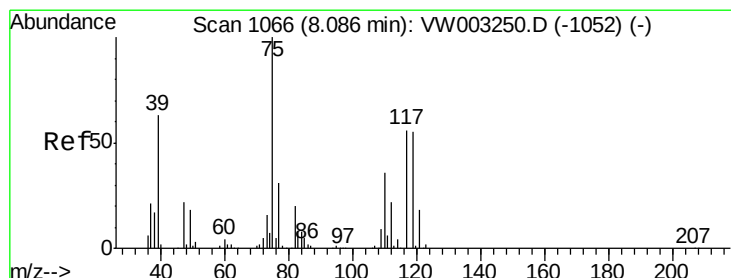
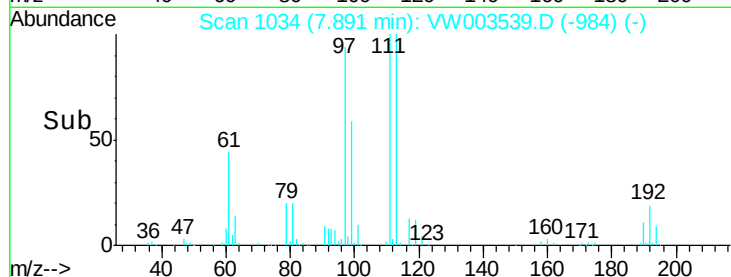
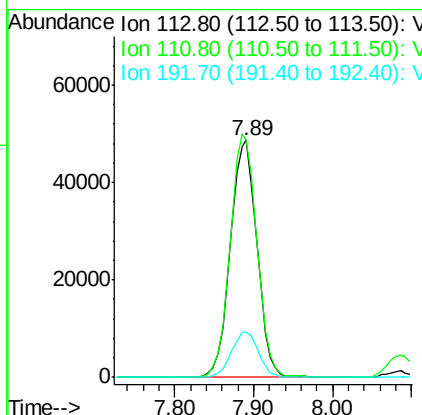
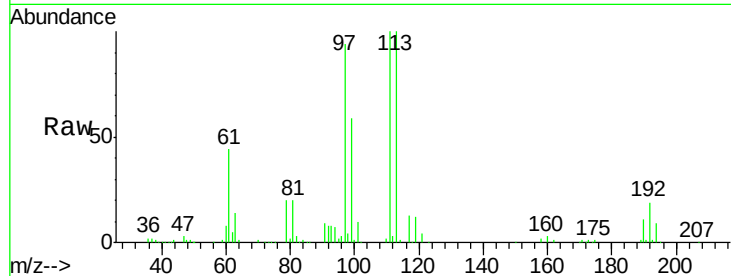
#35
 Dibromofluoromethane
 Concen: 51.64 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW003539.D
 Acq: 25 Jun 2018 05:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	113907		
111	102.9	82.2	123.2	
192	19.4	16.2	24.2	

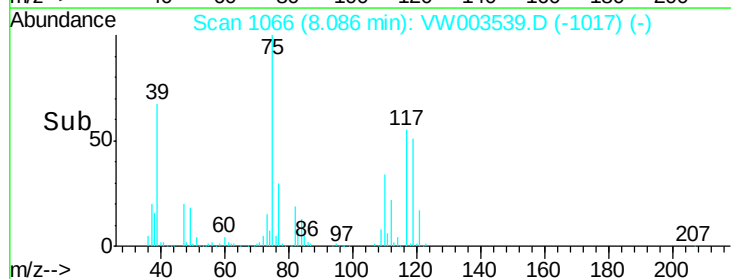
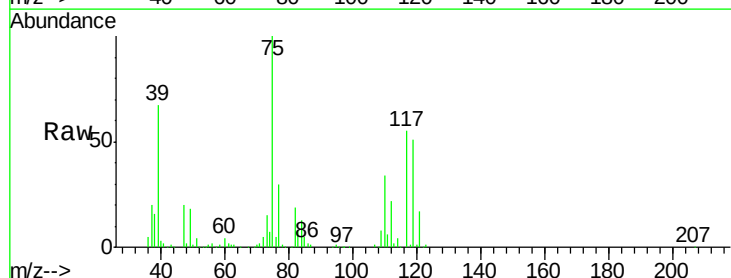
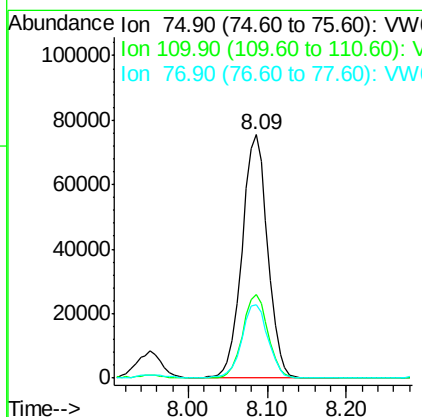
Manual Integrations
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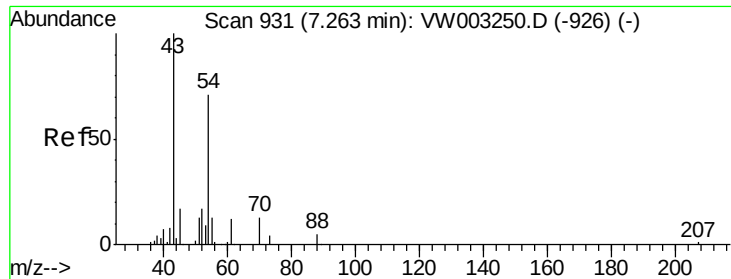
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#36
 1,1-Dichloropropene
 Concen: 49.72 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: VW003539.D
 Acq: 25 Jun 2018 05:43

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	170463		
110	33.8	17.1	51.3	
77	30.9	24.9	37.3	





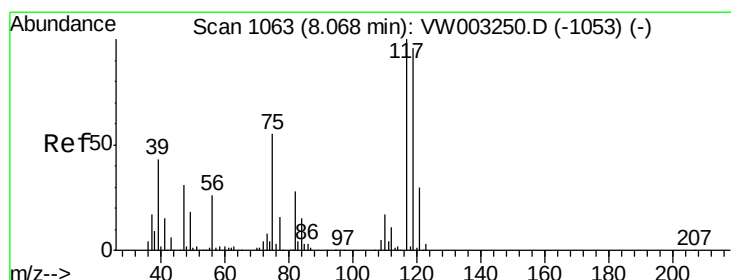
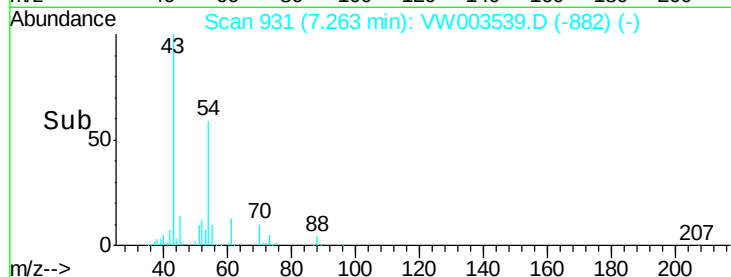
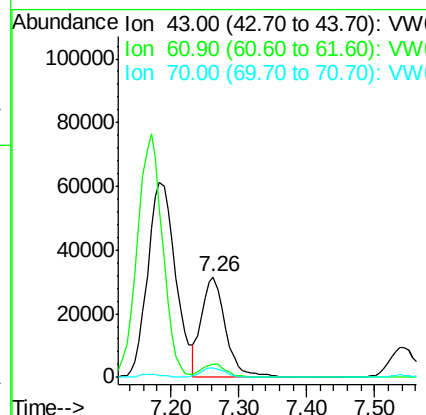
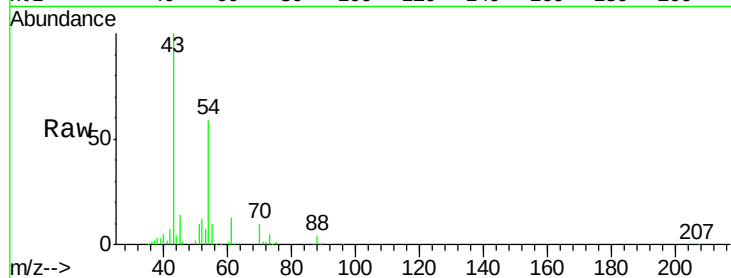
#37
Ethyl Acetate
Concen: 54.69 ug/l
RT: 7.26 min Scan# 931
Delta R.T. 0.00 min
Lab File: VW003539.D
Acq: 25 Jun 2018 05:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.0	10.8	16.2
70	9.7	7.8	11.6

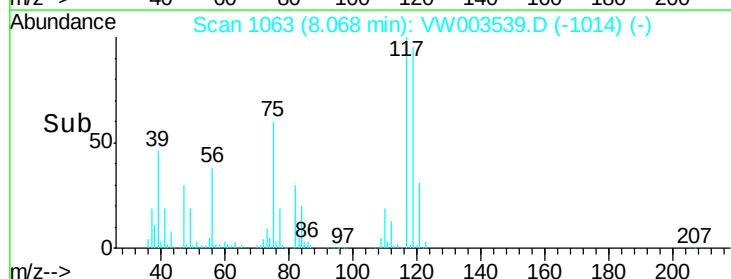
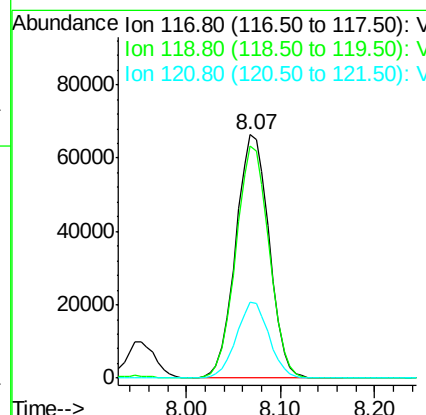
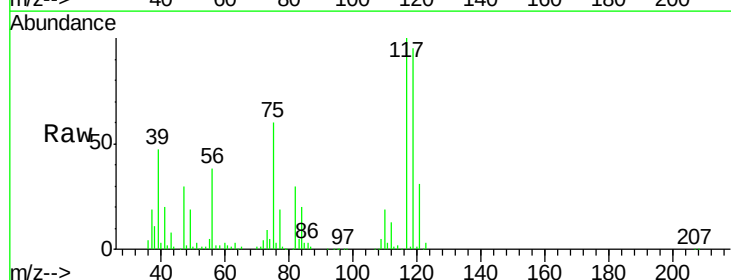
Manual Integrations
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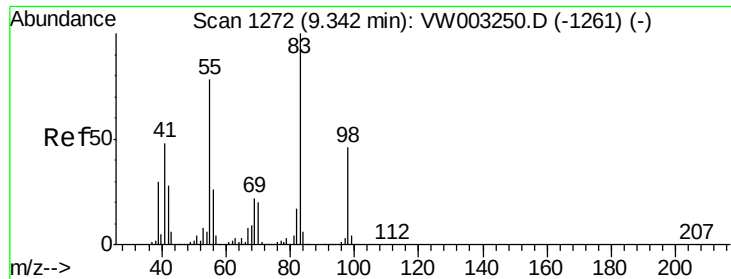
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#38
Carbon Tetrachloride
Concen: 48.69 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW003539.D
Acq: 25 Jun 2018 05:43

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.3	76.6	115.0
121	30.9	23.9	35.9





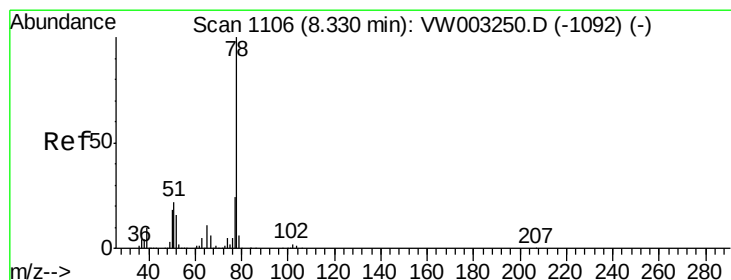
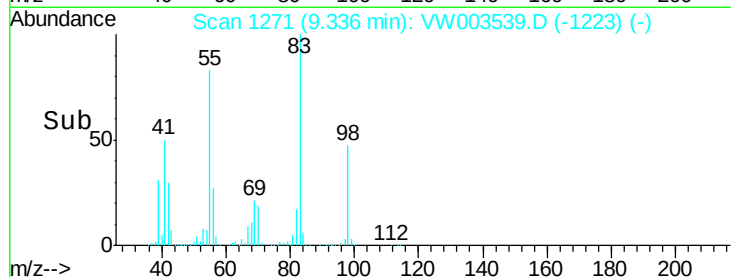
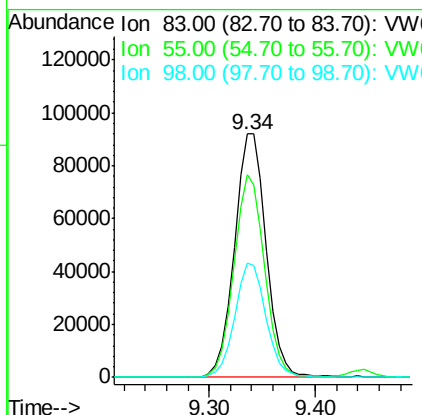
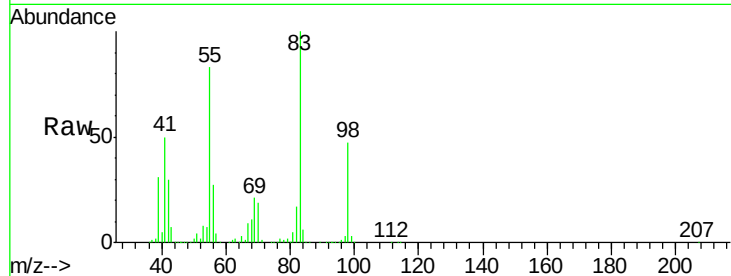
#39
Methylvlcyclohexane
Concen: 48.46 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.01 min
Lab File: VW003539.D
Acq: 25 Jun 2018 05:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	83.0	62.6	93.8
98	47.0	37.0	55.4

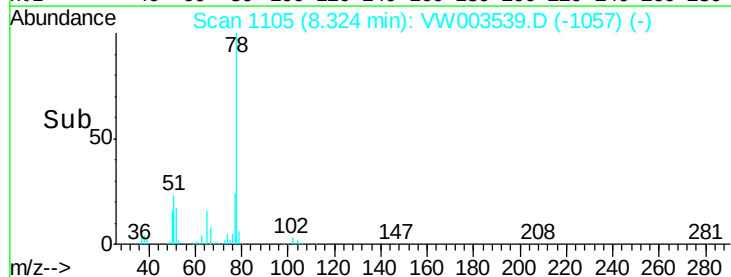
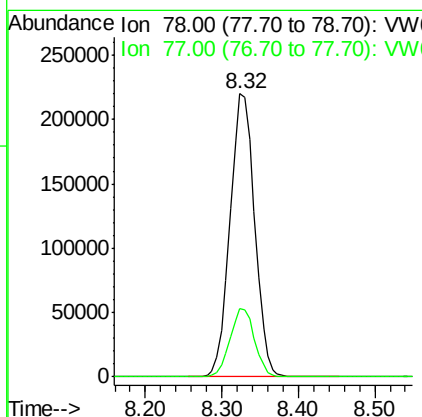
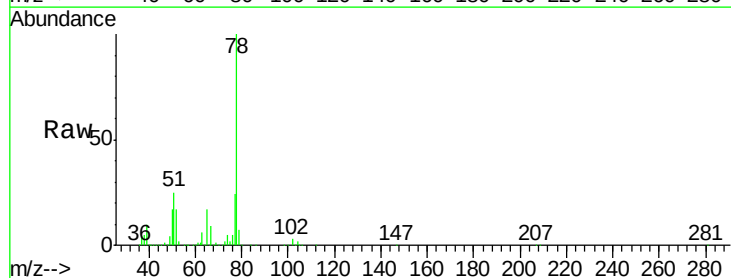
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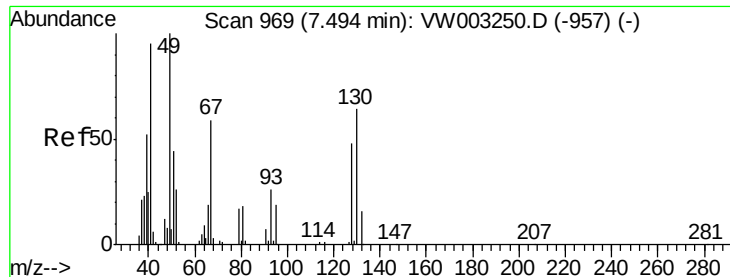
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#40
Benzene
Concen: 51.87 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.01 min
Lab File: VW003539.D
Acq: 25 Jun 2018 05:43

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.0	28.6





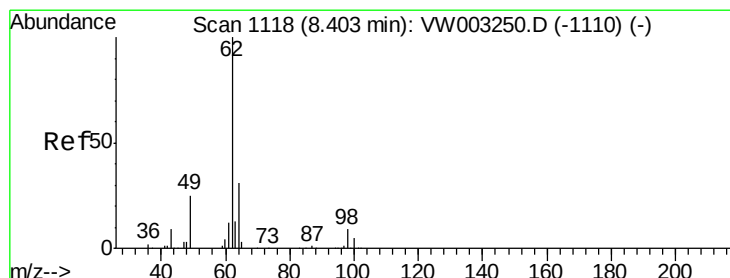
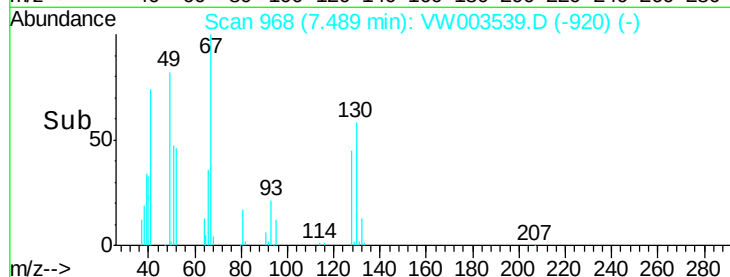
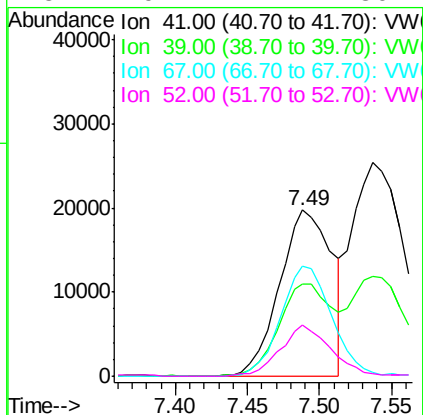
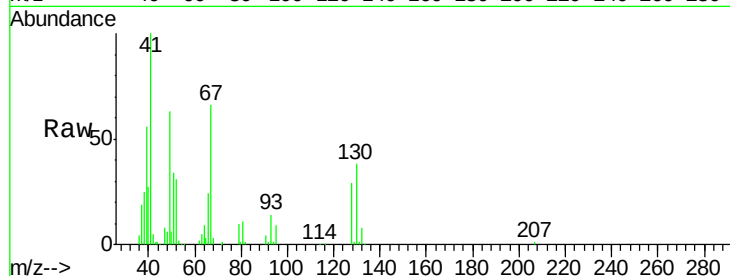
#41
Methacrylonitrile
Concen: 57.47 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.01 min
Lab File: VW003539.D
Acq: 25 Jun 2018 05:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	41	Resp	50092
Ion	Ratio	Lower	Upper
41	100		
39	56.7	45.8	68.8
67	65.1	52.3	78.5
52	29.7	24.1	36.1

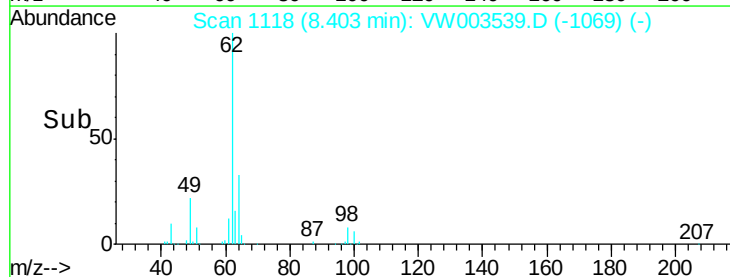
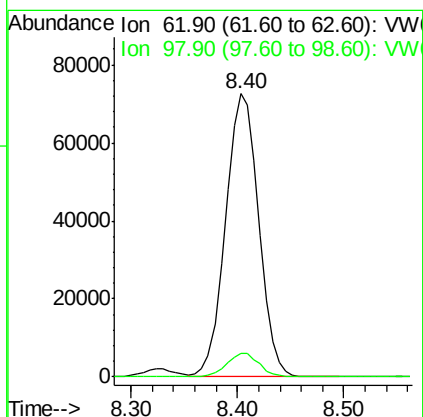
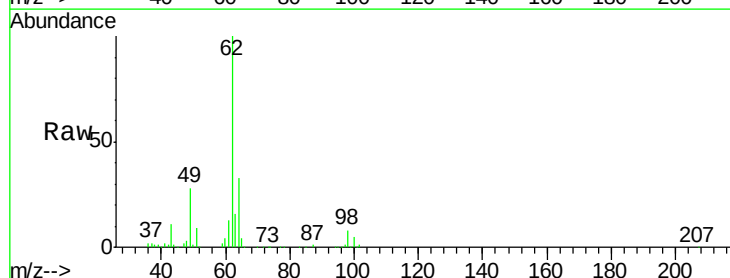
Manual Integrations
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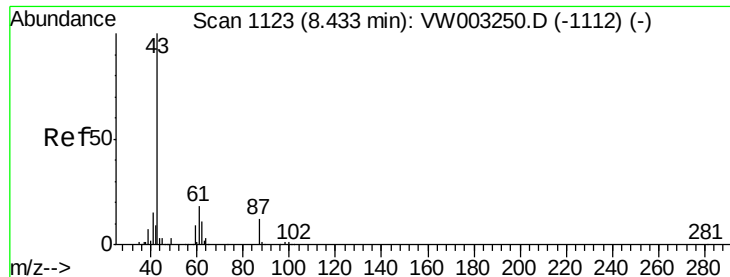
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#42
1,2-Dichloroethane
Concen: 53.52 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW003539.D
Acq: 25 Jun 2018 05:43

Tgt Ion	62	Resp	158480
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	17.2





#43

Isopropyl Acetate

Concen: 55.61 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VW003539.D

Acq: 25 Jun 2018 05:43

Instrument :

MSVOA_W

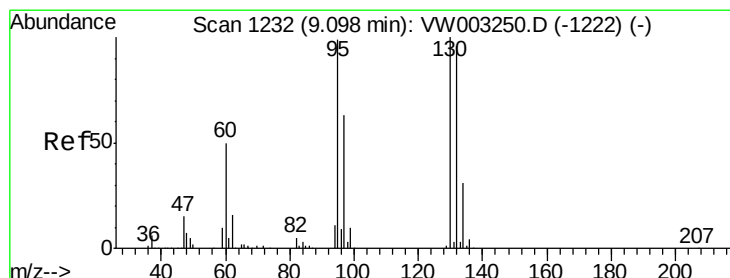
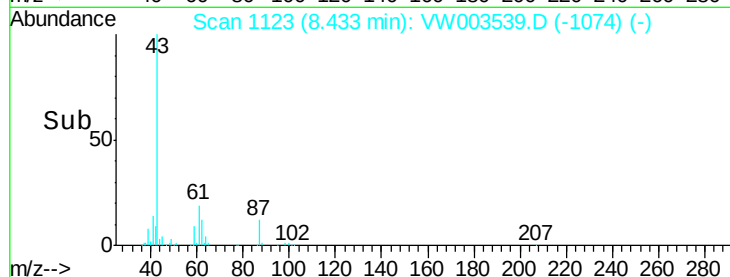
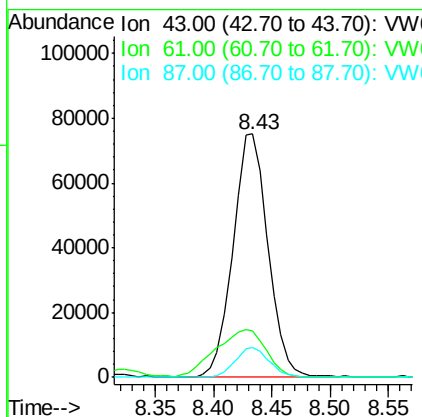
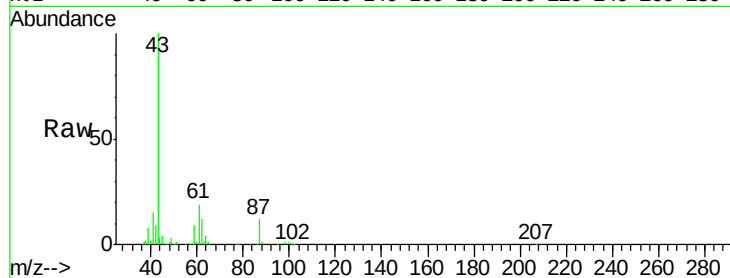
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	156850
Ion	Ratio	Lower	Upper
43	100		
61	28.2	23.1	34.7
87	11.9	9.8	14.6

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#44

Trichloroethene

Concen: 59.09 ug/l

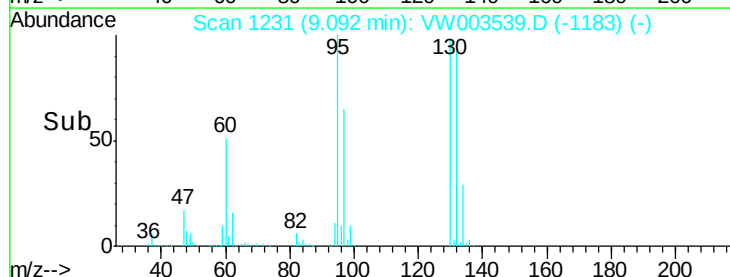
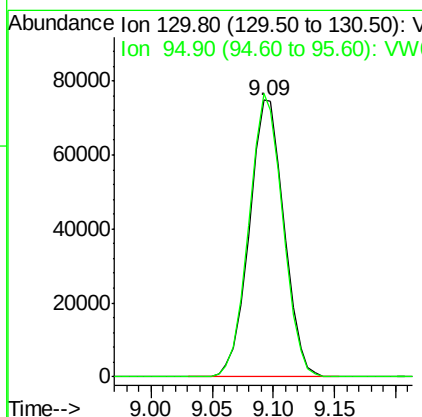
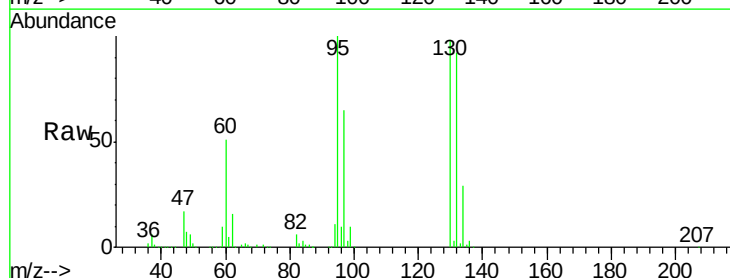
RT: 9.09 min Scan# 1231

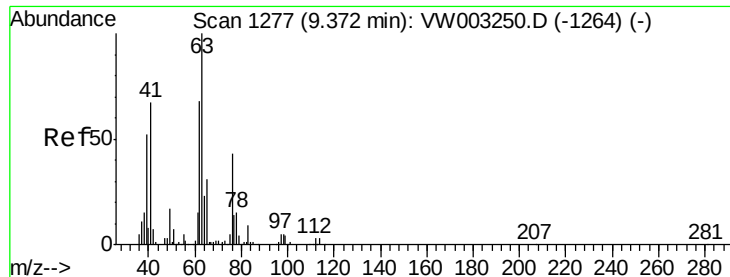
Delta R.T. -0.01 min

Lab File: VW003539.D

Acq: 25 Jun 2018 05:43

Tgt Ion:	130	Resp:	147981
Ion	Ratio	Lower	Upper
130	100		
95	102.3	0.0	198.0





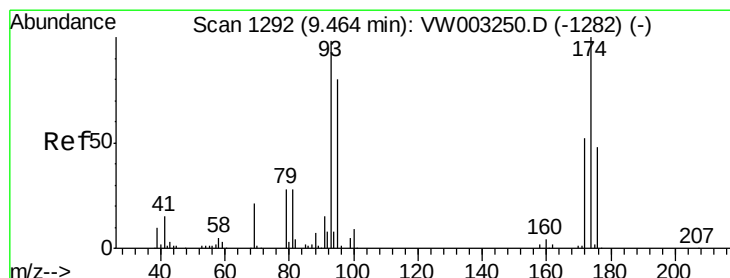
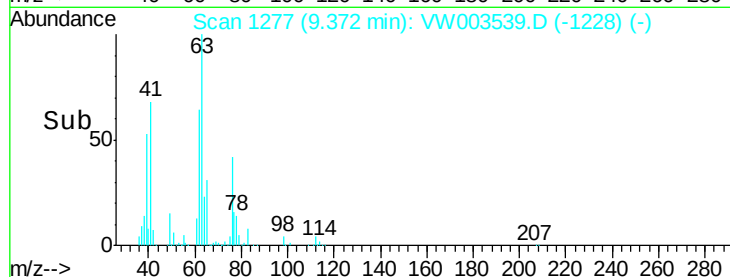
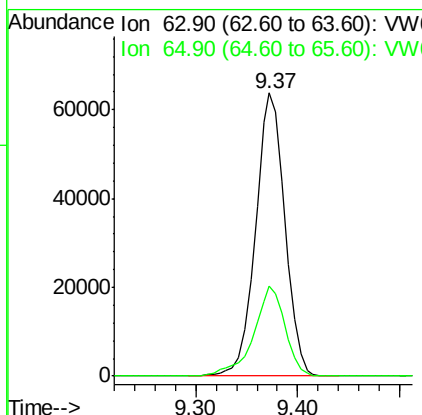
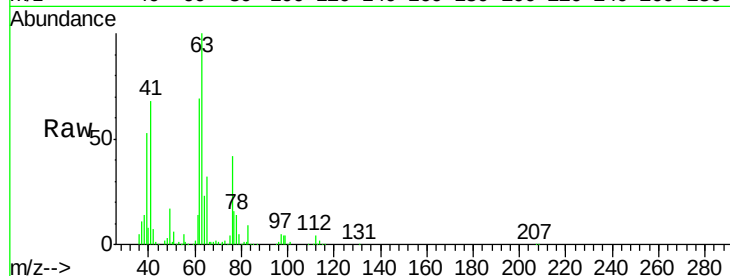
#45
 1,2-Dichloropropane
 Concen: 52.96 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW003539.D
 Acq: 25 Jun 2018 05:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	63	Resp	127427
Ion Ratio	Lower	Upper	
63	100		
65	31.6	25.1	37.7

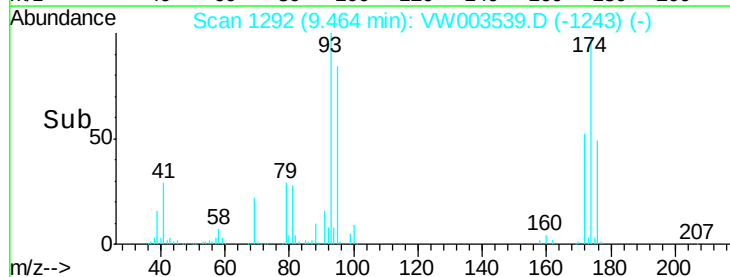
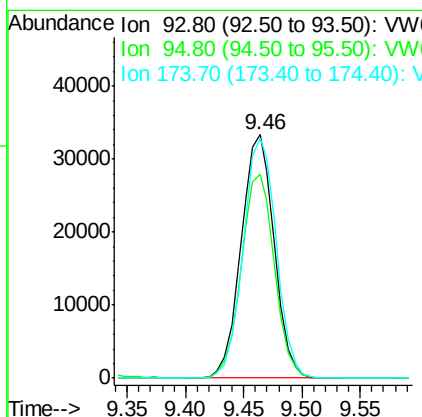
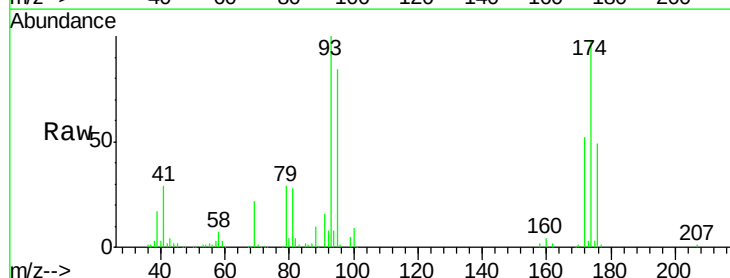
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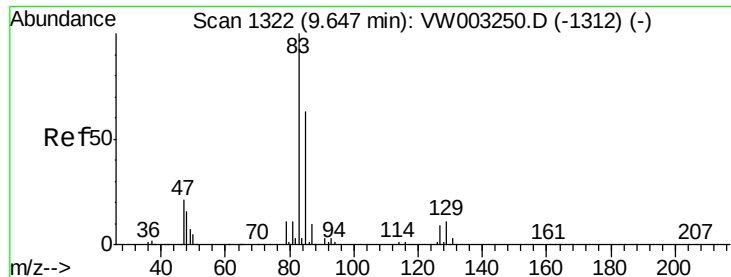
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#46
 Dibromomethane
 Concen: 53.39 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. 0.00 min
 Lab File: VW003539.D
 Acq: 25 Jun 2018 05:43

Tgt Ion	93	Resp	65776
Ion Ratio	Lower	Upper	
93	100		
95	84.2	65.8	98.8
174	98.8	81.4	122.0





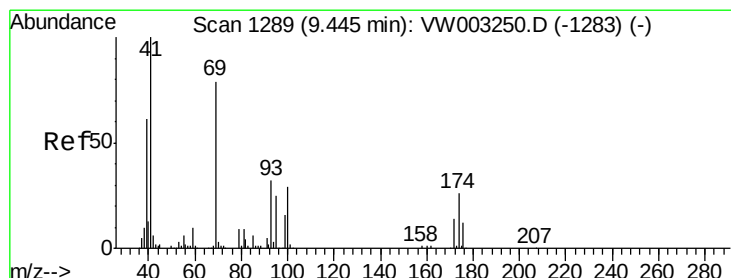
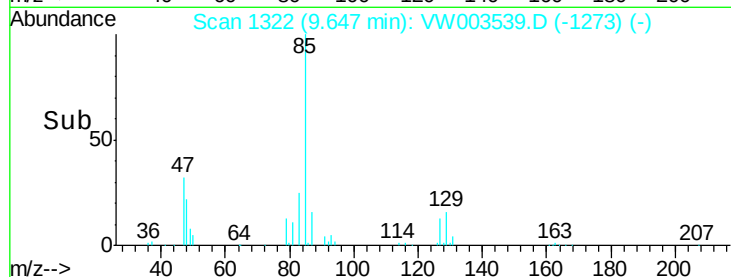
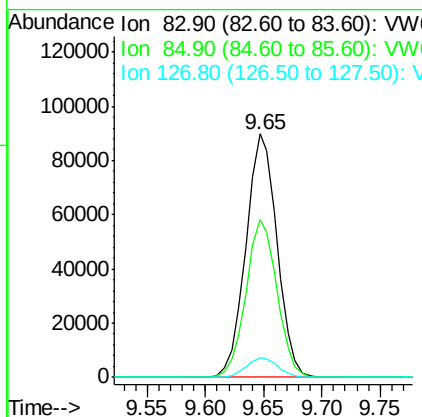
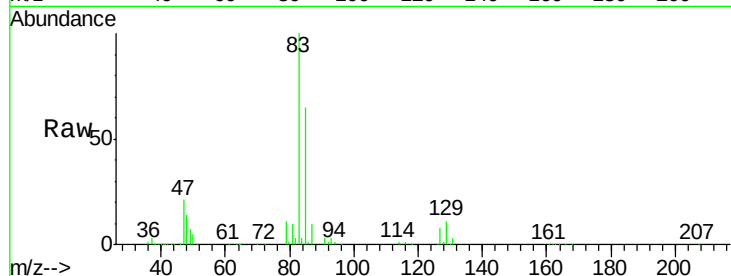
#47
Bromodichloromethane
Concen: 53.00 ug/l
RT: 9.65 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VW003539.D
Acq: 25 Jun 2018 05:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	167359		
85	64.6	50.6	75.8	
127	8.3	6.8	10.2	

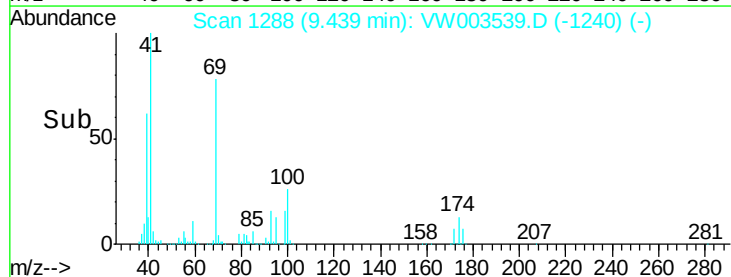
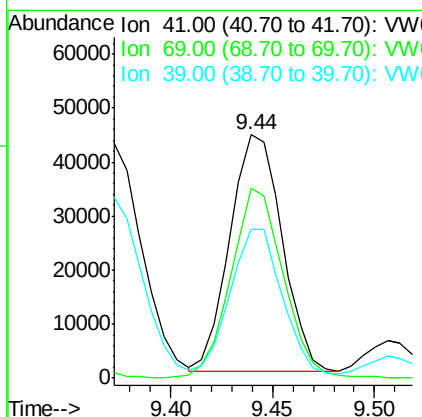
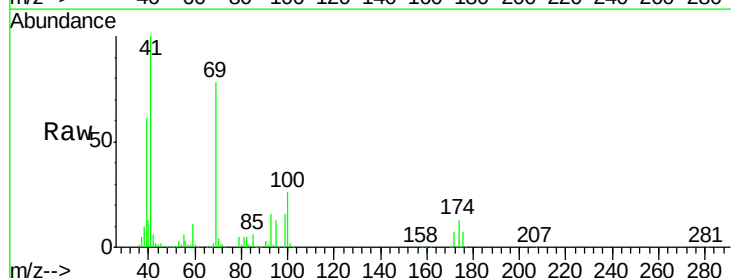
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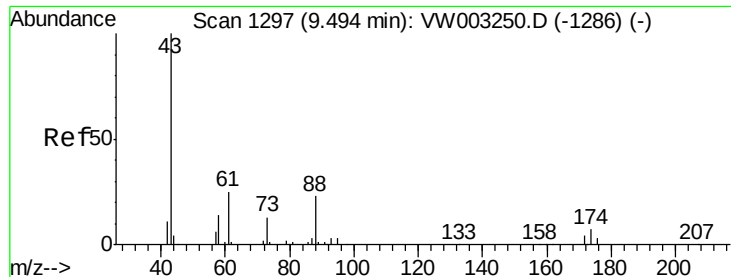
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#48
Methyl methacrylate
Concen: 58.94 ug/l
RT: 9.44 min Scan# 1288
Delta R.T. -0.01 min
Lab File: VW003539.D
Acq: 25 Jun 2018 05:43

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	78124		
69	80.3	65.4	98.2	
39	64.2	54.2	81.2	





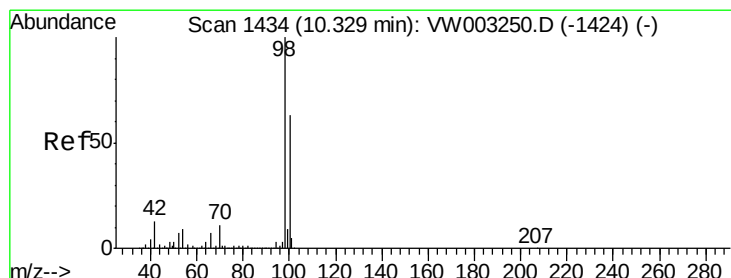
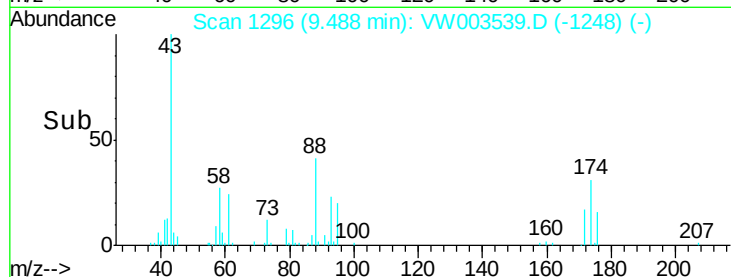
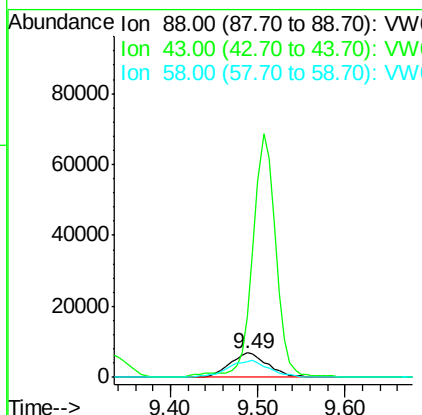
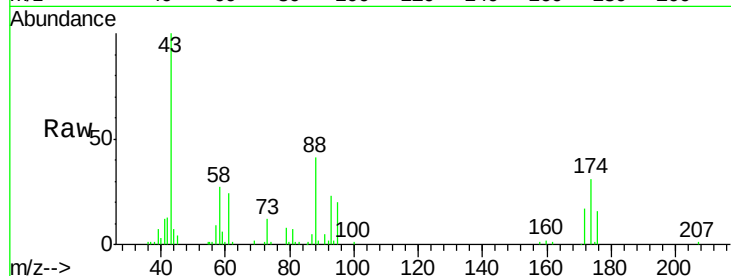
#49
 1,4-Dioxane
 Concen: 1129.46 ug/l
 RT: 9.49 min Scan# 1296
 Delta R.T. -0.01 min
 Lab File: VW003539.D
 Acq: 25 Jun 2018 05:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	88	Resp	21009
Ion	Ratio	Lower	Upper
88	100		
43	600.2	454.7	682.1
58	74.9	58.6	88.0

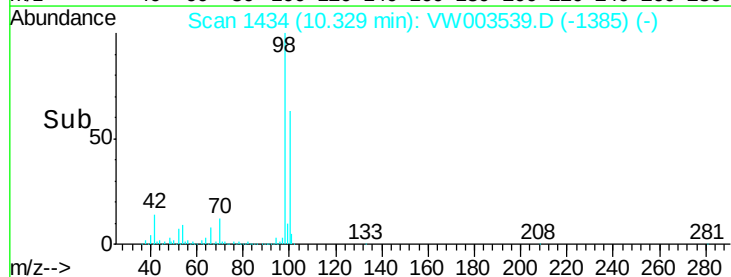
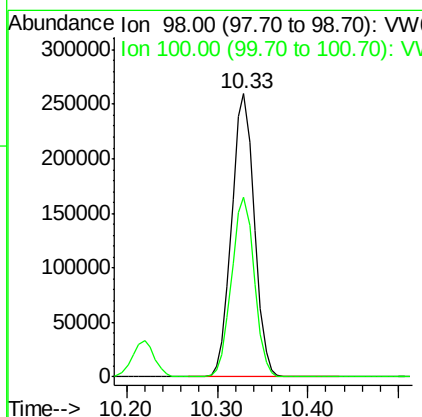
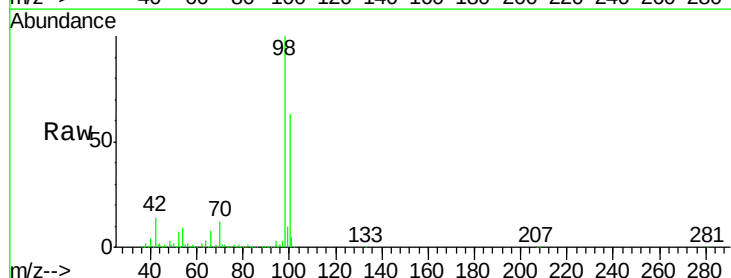
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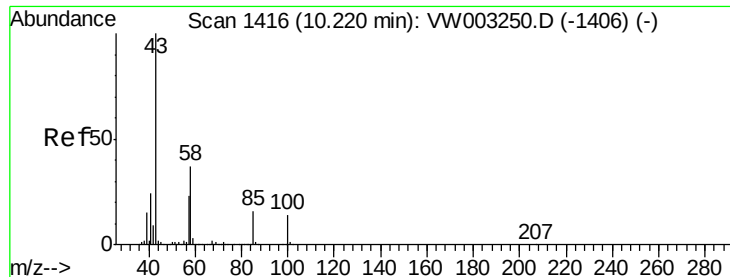
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#50
 Toluene-d8
 Concen: 51.49 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW003539.D
 Acq: 25 Jun 2018 05:43

Tgt Ion	98	Resp	450408
Ion	Ratio	Lower	Upper
98	100		
100	63.9	50.8	76.2





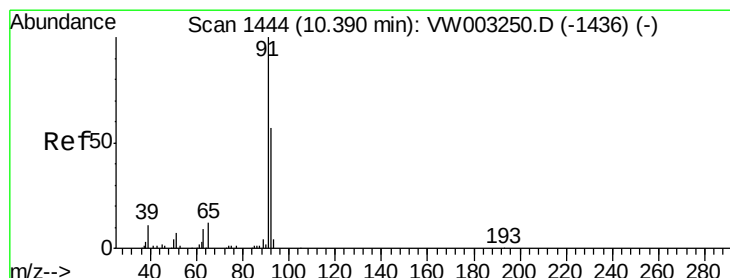
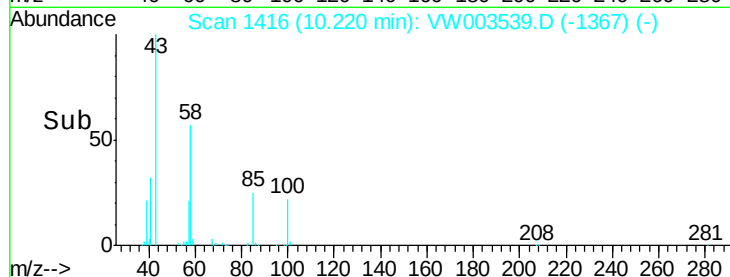
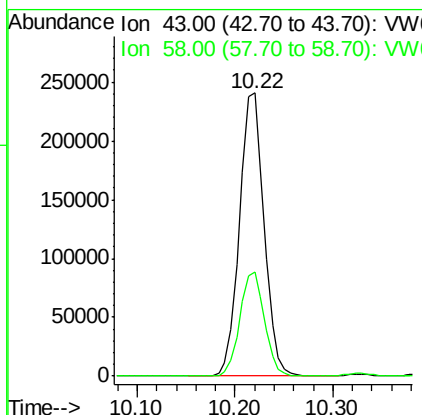
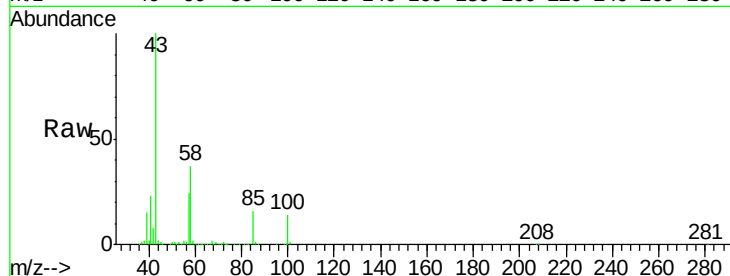
#51
 4-Methyl-2-Pentanone
 Concen: 292.88 ug/l
 RT: 10.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VW003539.D
 Acq: 25 Jun 2018 05:43

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	36.7	29.0	43.4

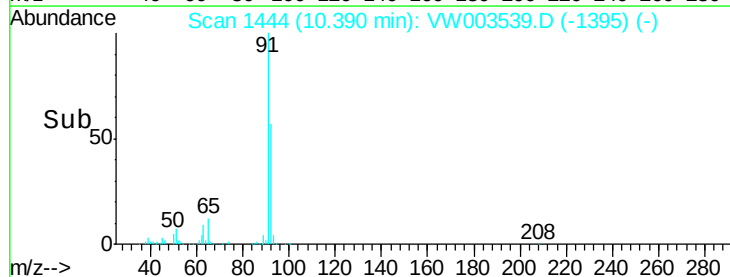
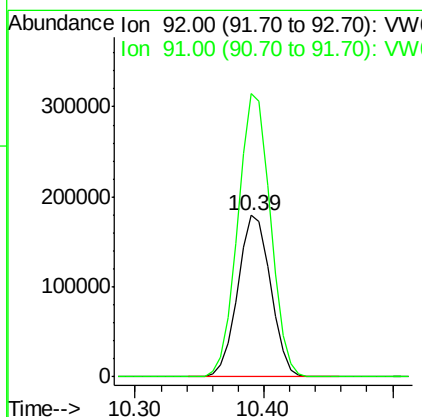
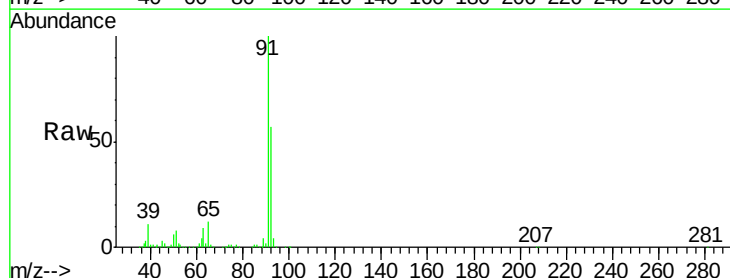
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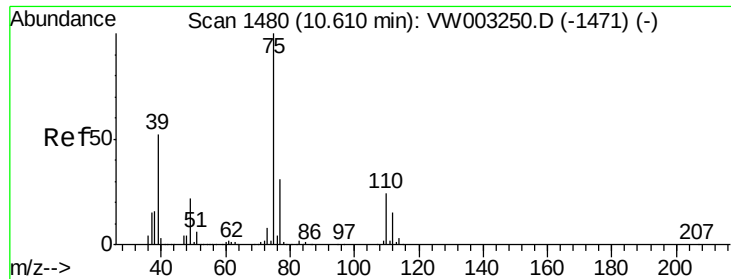
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#52
 Toluene
 Concen: 51.99 ug/l
 RT: 10.39 min Scan# 1444
 Delta R.T. 0.00 min
 Lab File: VW003539.D
 Acq: 25 Jun 2018 05:43

Tgt Ion	Ratio	Lower	Upper
92	100		
91	174.5	141.1	211.7





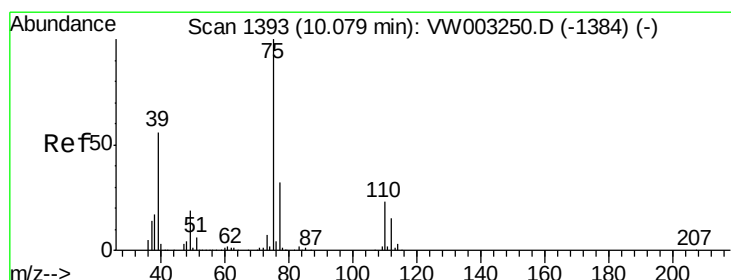
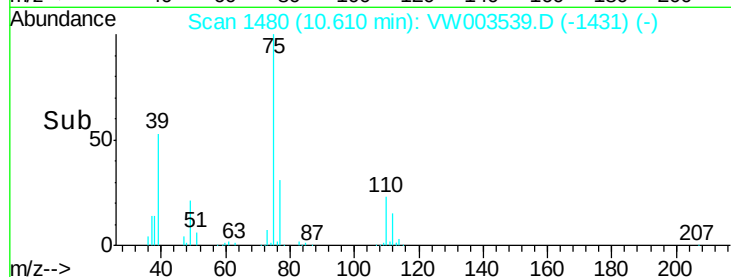
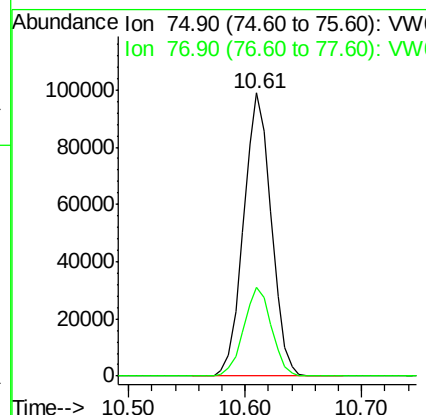
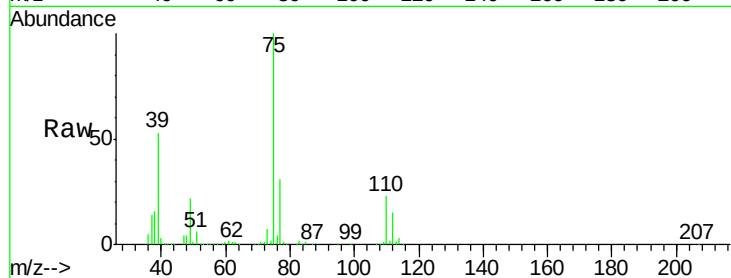
#53
t-1,3-Dichloropropene
Concen: 50.74 ug/l
RT: 10.61 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VW003539.D
Acq: 25 Jun 2018 05:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.3	24.9	37.3

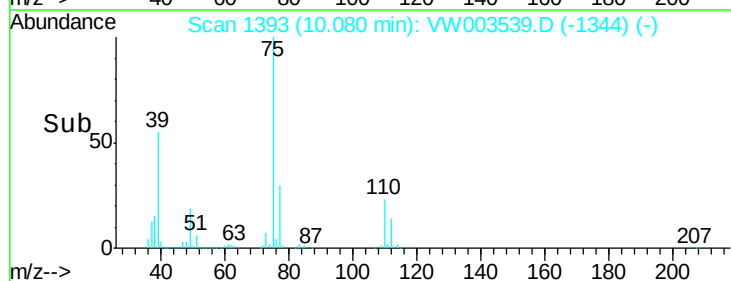
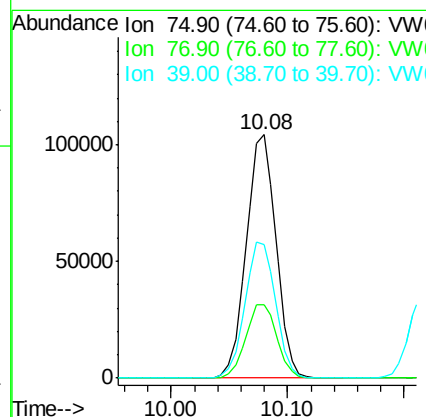
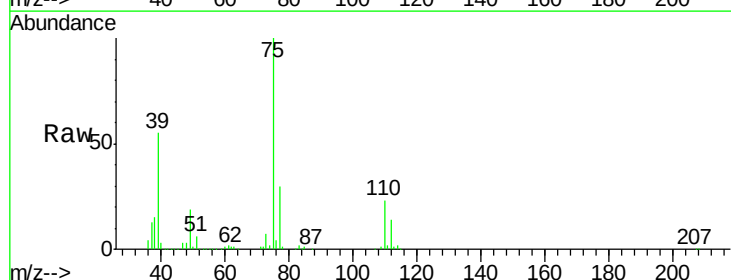
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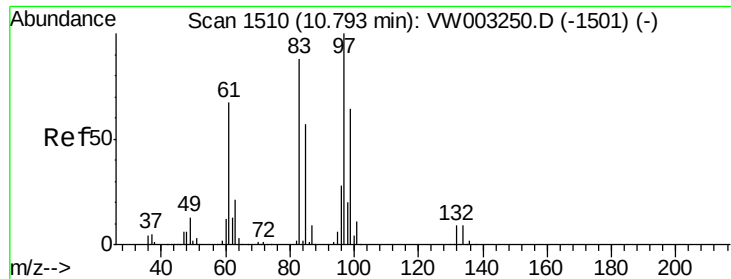
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#54
cis-1,3-Dichloropropene
Concen: 50.82 ug/l
RT: 10.08 min Scan# 1393
Delta R.T. 0.00 min
Lab File: VW003539.D
Acq: 25 Jun 2018 05:43

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.3	25.8	38.6
39	54.6	45.2	67.8





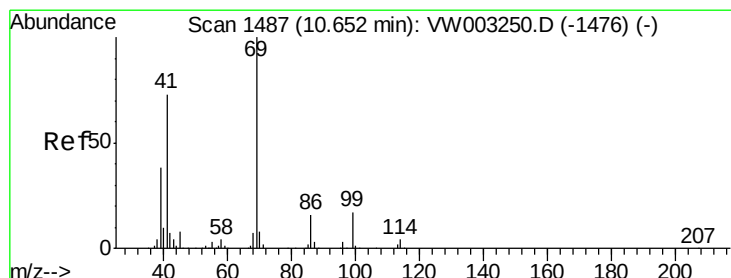
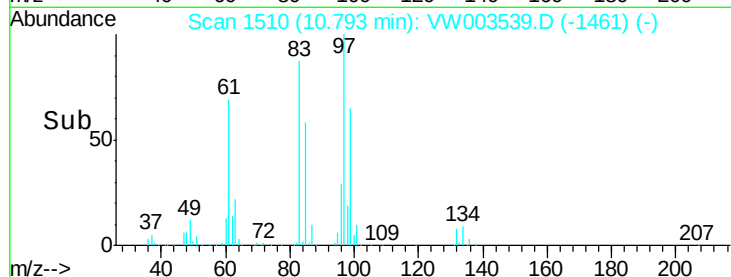
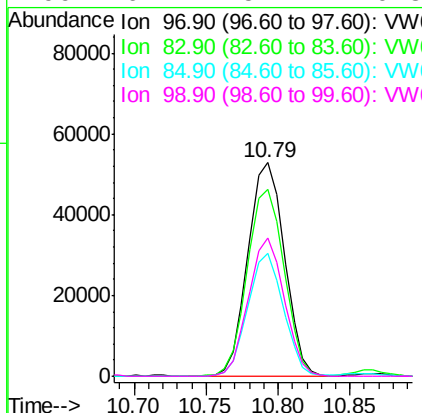
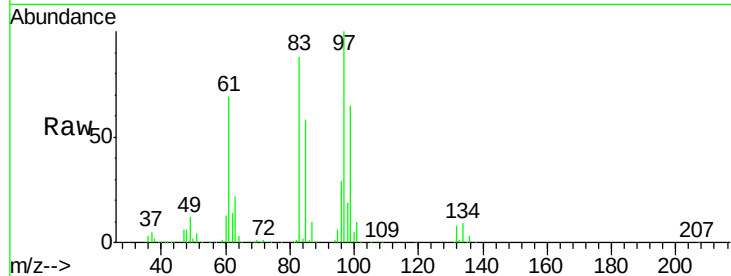
#55
 1,1,2-Trichloroethane
 Concen: 53.69 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW003539.D
 Acq: 25 Jun 2018 05:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	93211
Ion	Ratio	Lower	Upper
97	100		
83	87.6	70.2	105.2
85	57.6	45.6	68.4
99	64.7	51.2	76.8

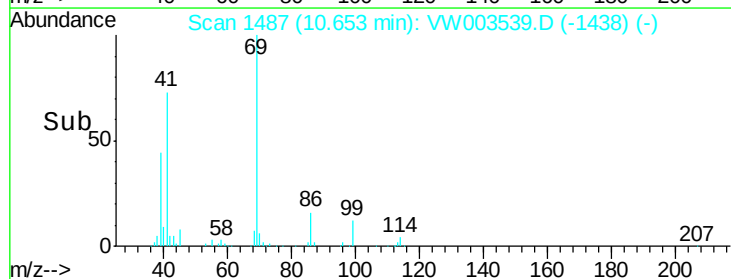
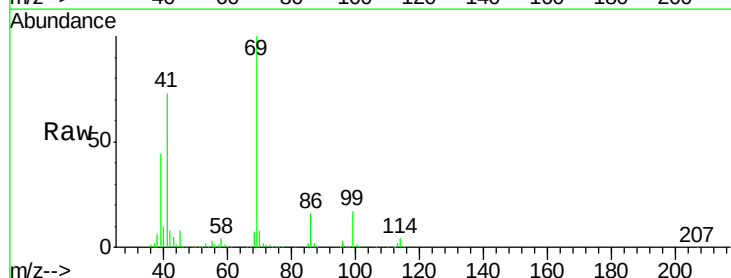
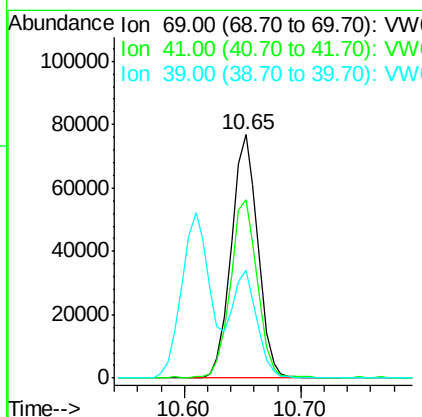
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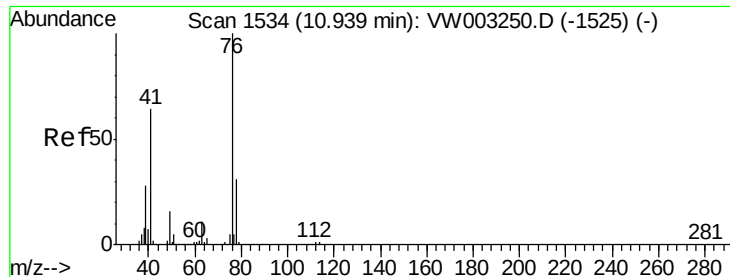
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#56
 Ethyl methacrylate
 Concen: 57.85 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW003539.D
 Acq: 25 Jun 2018 05:43

Tgt Ion:	69	Resp:	121950
Ion	Ratio	Lower	Upper
69	100		
41	73.8	57.8	86.6
39	39.9	32.7	49.1





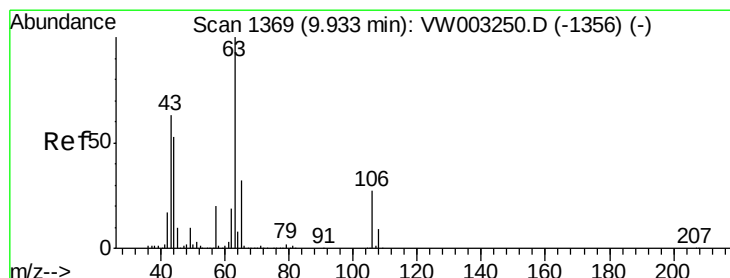
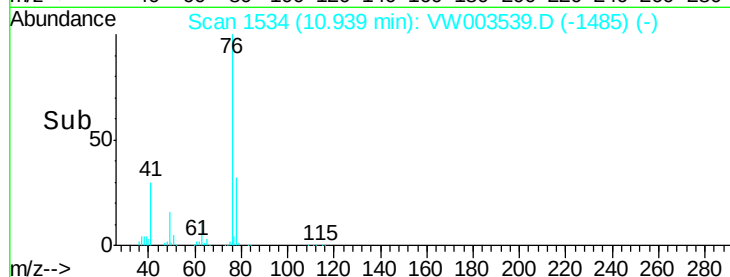
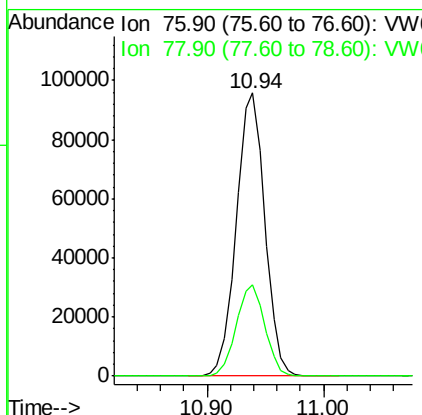
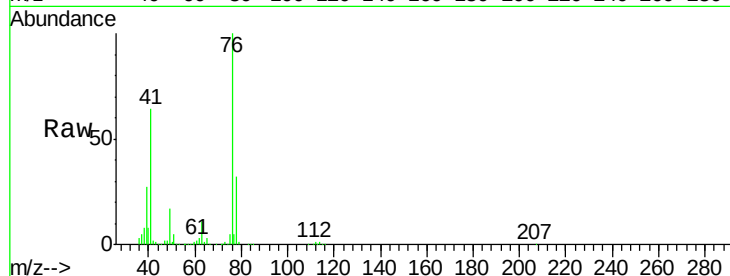
#57
 1,3-Dichloropropane
 Concen: 54.69 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VW003539.D
 Acq: 25 Jun 2018 05:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 163732
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.7 38.5

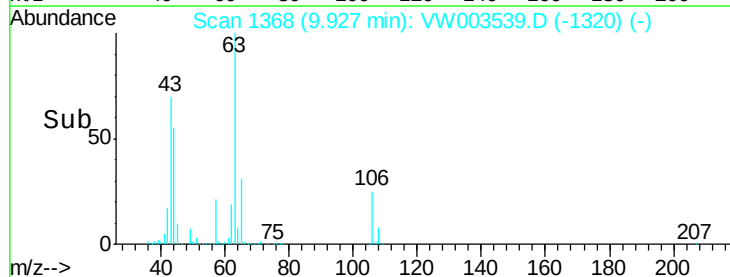
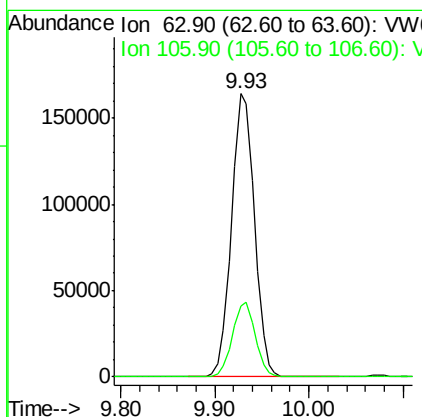
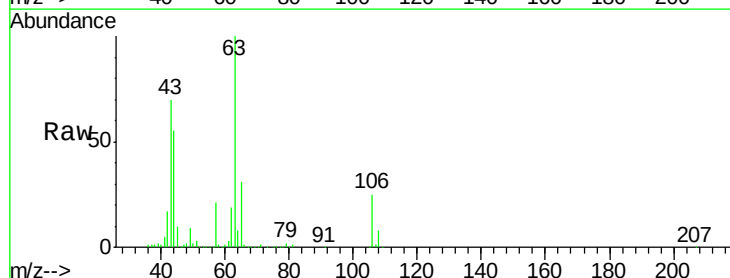
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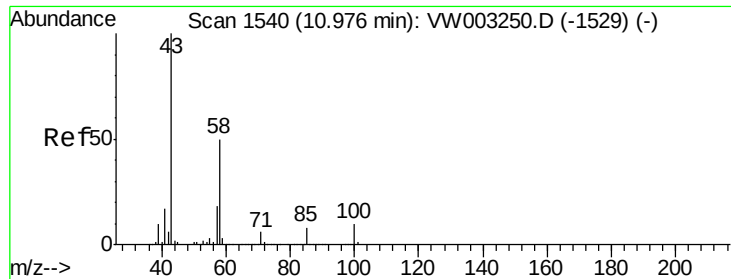
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#58
 2-Chloroethyl Vinyl ether
 Concen: 293.49 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: VW003539.D
 Acq: 25 Jun 2018 05:43

Tgt Ion: 63 Resp: 277346
 Ion Ratio Lower Upper
 63 100
 106 26.2 21.8 32.8





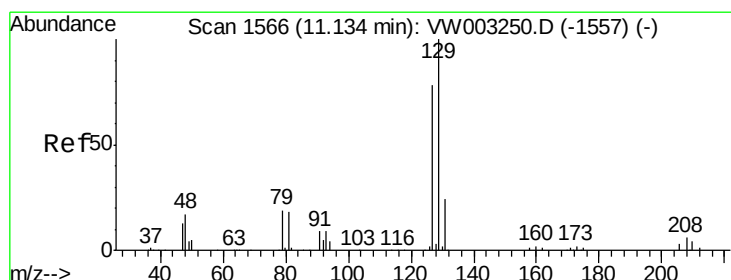
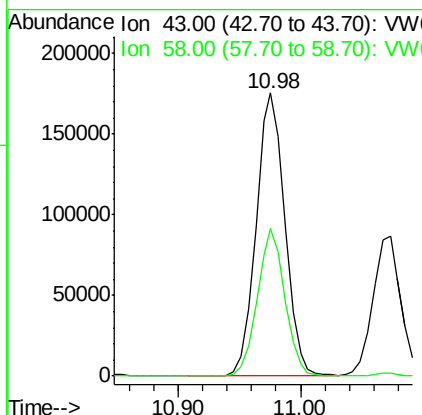
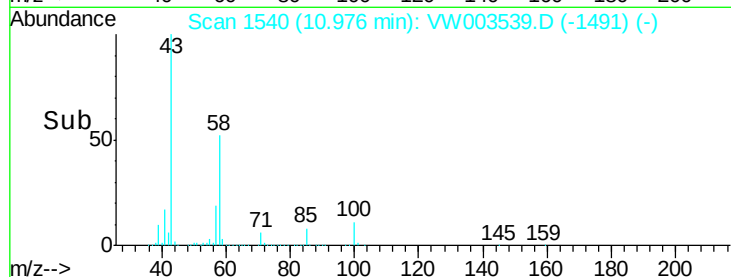
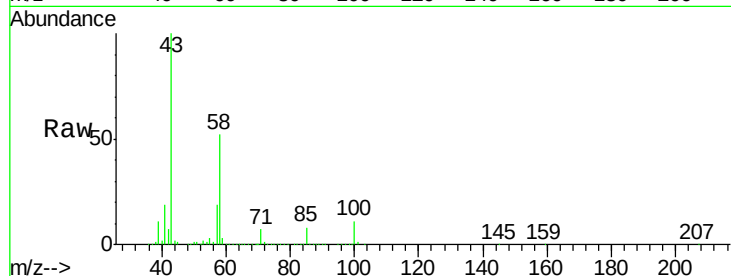
#59
2-Hexanone
Concen: 286.59 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW003539.D
Acq: 25 Jun 2018 05:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 287722
Ion Ratio Lower Upper
43 100
58 49.8 25.0 75.0

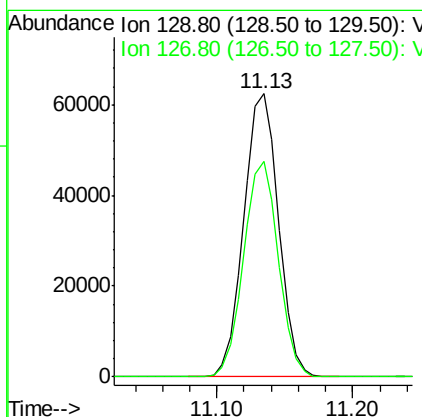
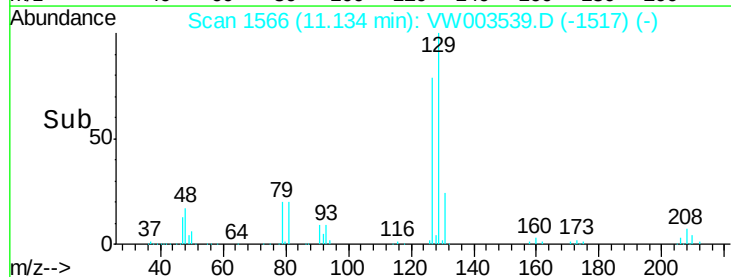
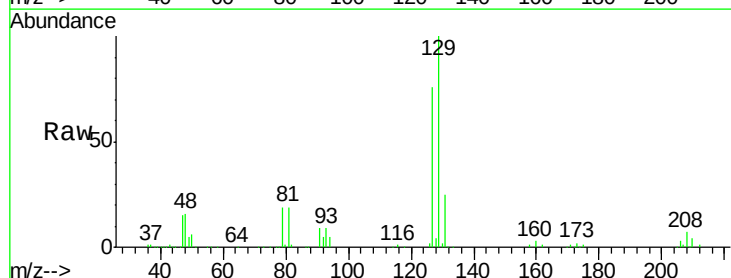
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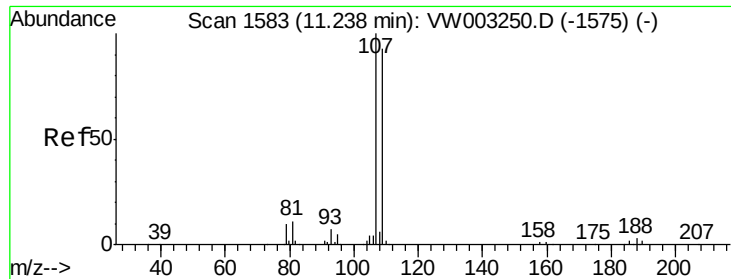
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#60
Dibromochloromethane
Concen: 54.24 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW003539.D
Acq: 25 Jun 2018 05:43

Tgt Ion:129 Resp: 111978
Ion Ratio Lower Upper
129 100
127 76.0 39.1 117.5





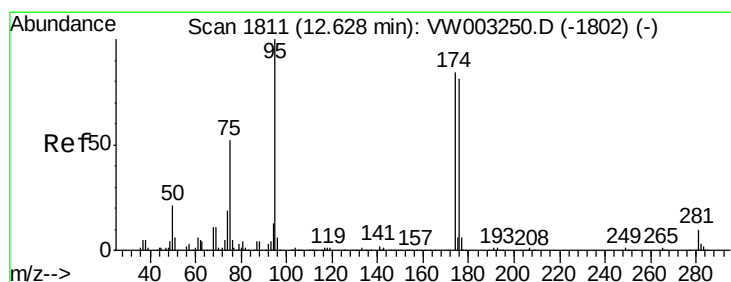
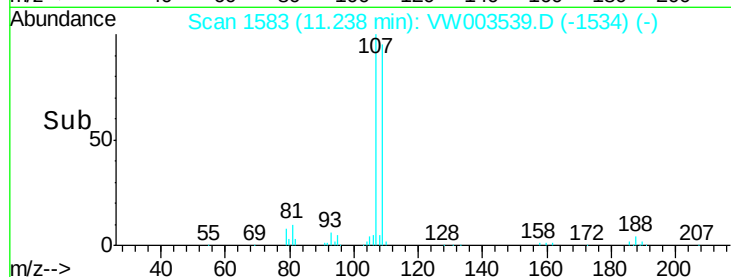
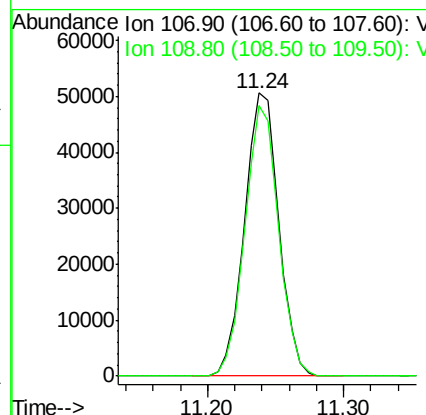
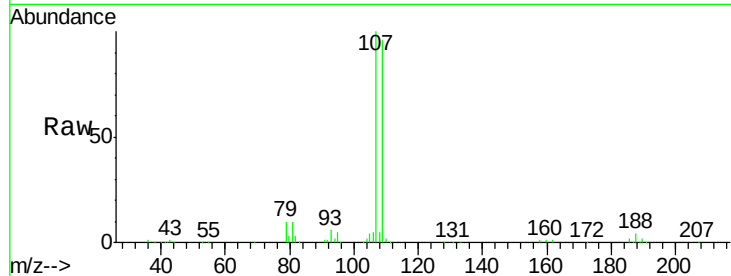
#61
 1,2-Dibromoethane
 Concen: 54.19 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW003539.D
 Acq: 25 Jun 2018 05:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.2	75.8	113.6

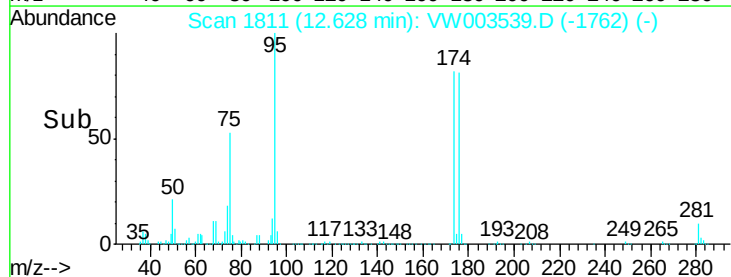
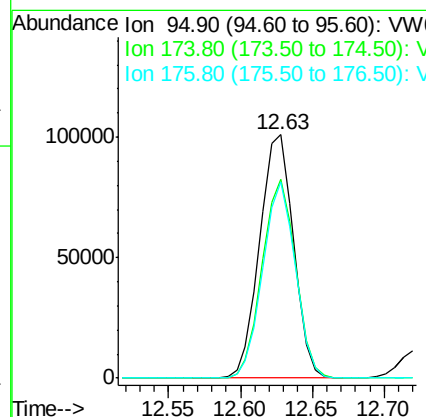
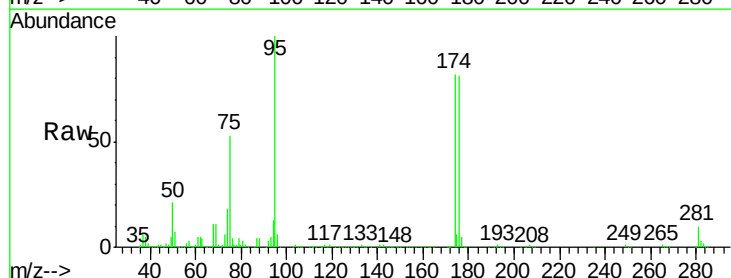
Manual Integrations
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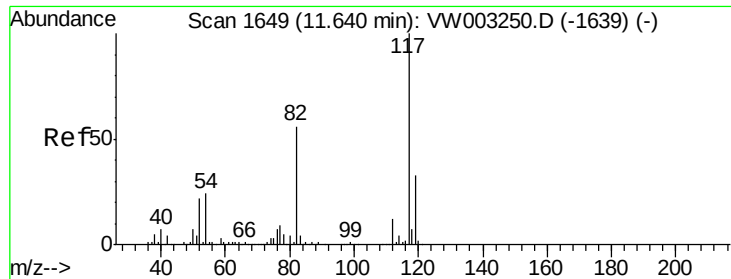
apatel
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#62
 4-Bromofluorobenzene
 Concen: 52.93 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW003539.D
 Acq: 25 Jun 2018 05:43

Tgt Ion	Ratio	Lower	Upper
95	100		
174	80.6	0.0	166.4
176	77.7	0.0	162.0





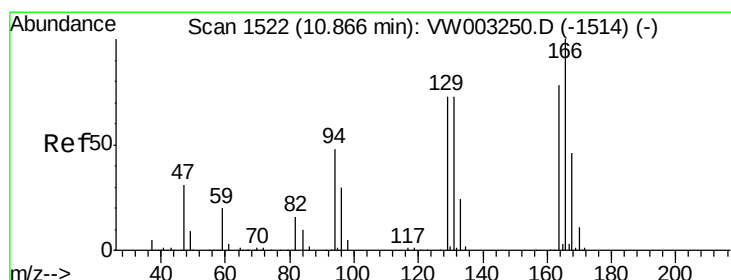
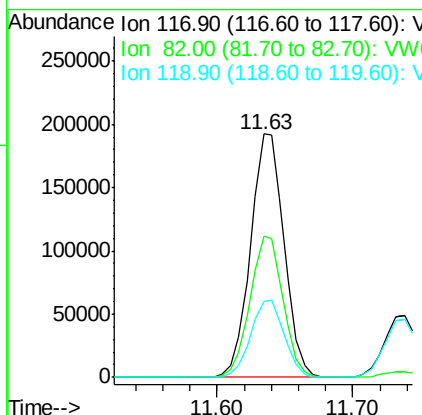
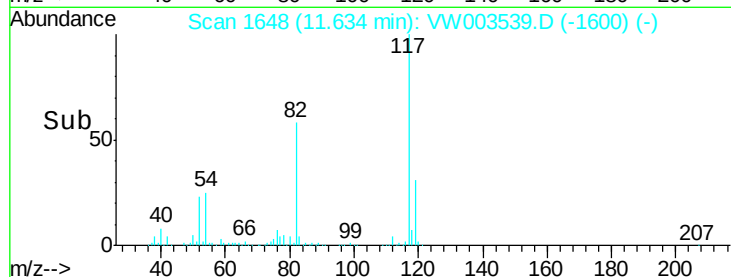
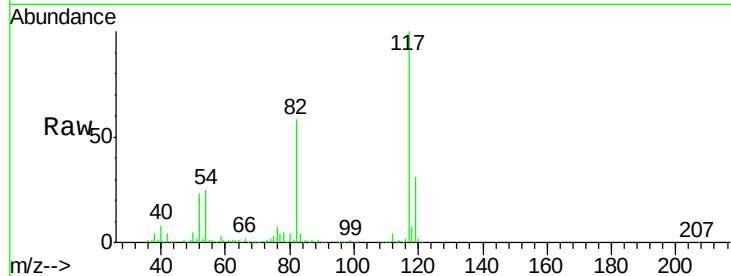
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW003539.D
Acq: 25 Jun 2018 05:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.2	44.6	67.0
119	31.2	26.7	40.1

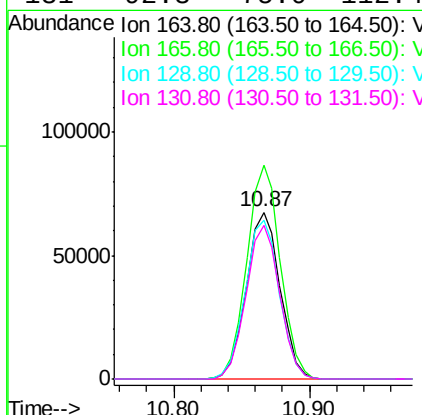
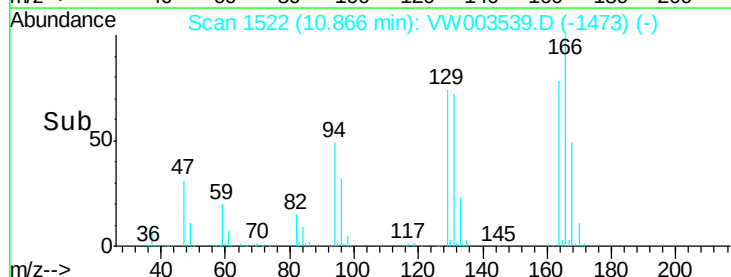
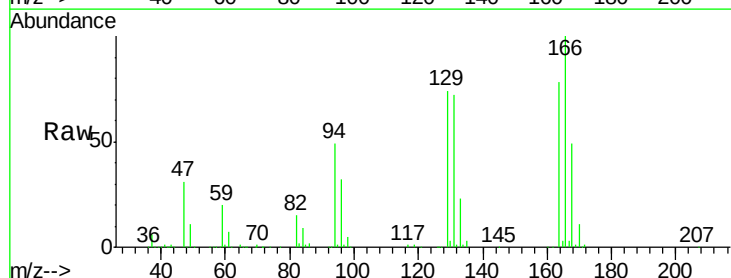
Manual Integrations
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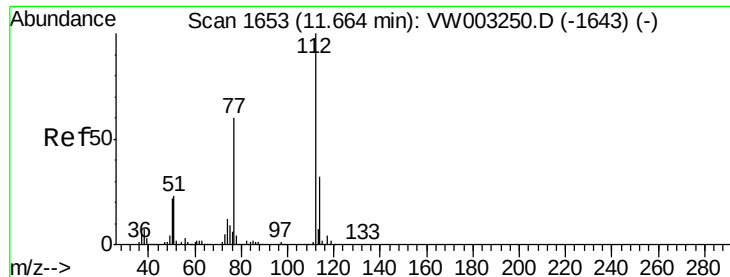
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#64
Tetrachloroethene
Concen: 53.00 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003539.D
Acq: 25 Jun 2018 05:43

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.0	102.6	154.0
129	94.9	75.2	112.8
131	92.3	75.0	112.4





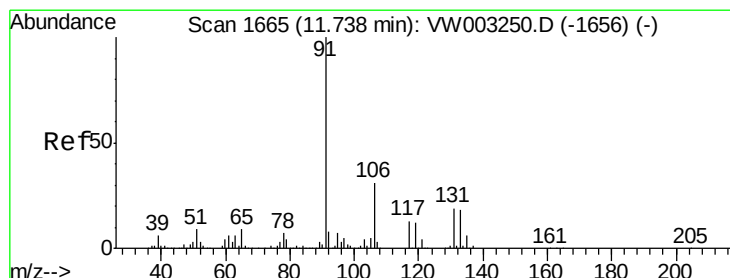
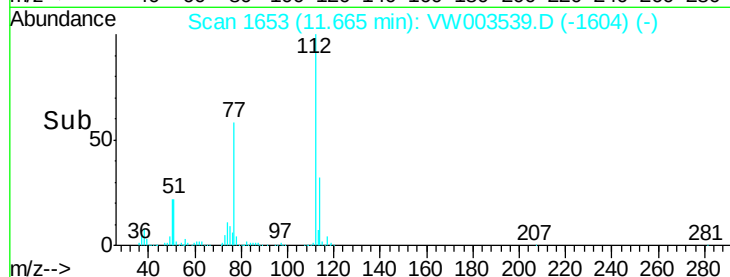
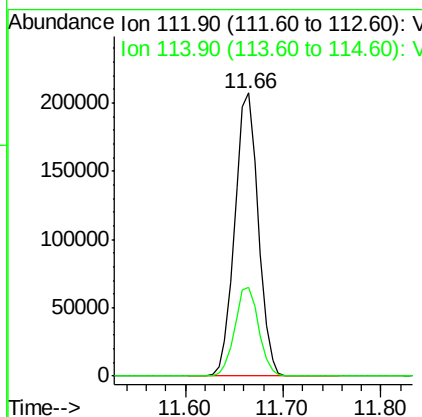
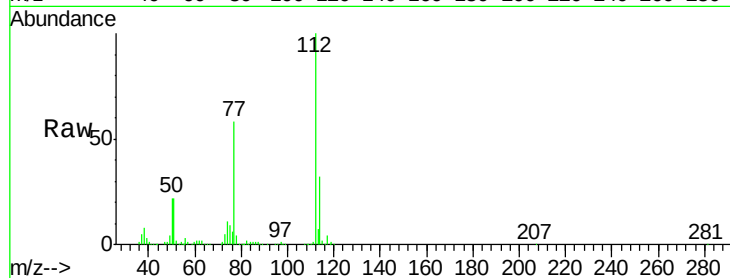
#65
Chlorobenzene
Concen: 50.06 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VW003539.D
Acq: 25 Jun 2018 05:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.6	25.9	38.9

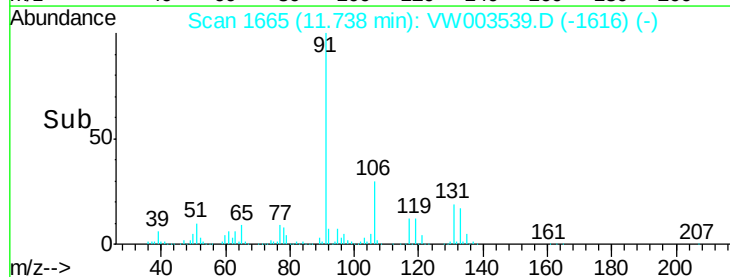
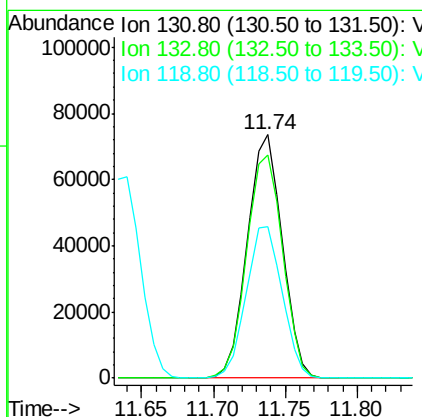
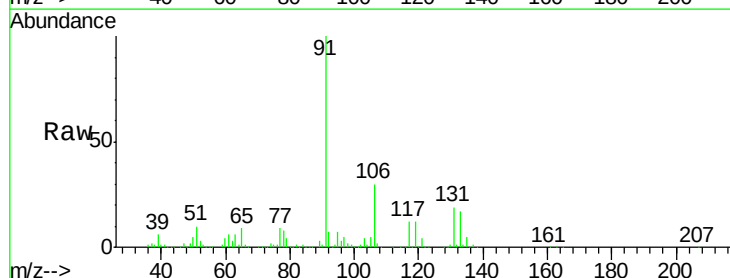
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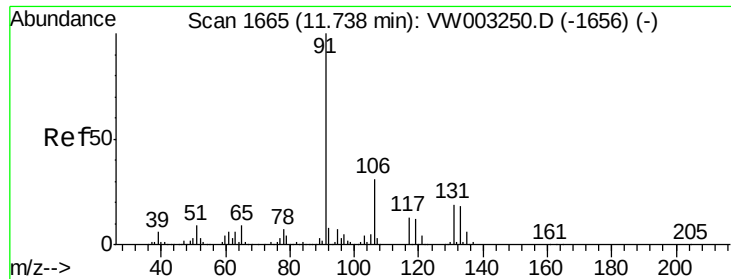
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.85 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003539.D
Acq: 25 Jun 2018 05:43

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.6	47.3	142.0
119	64.4	32.5	97.4





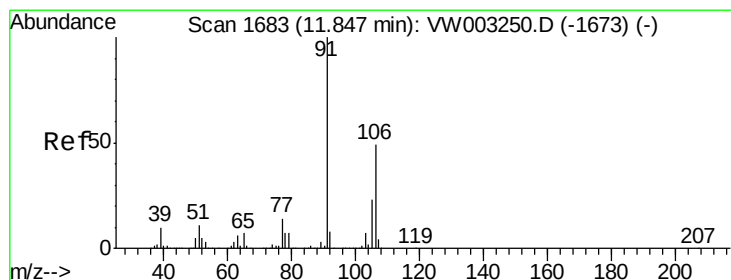
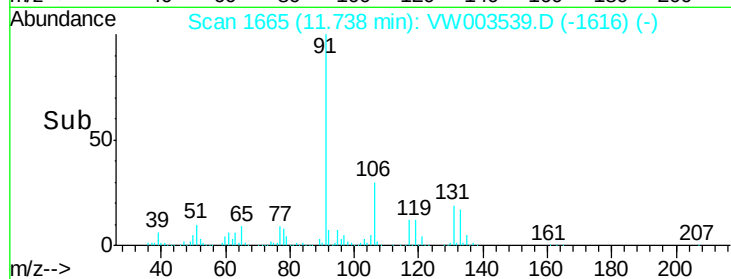
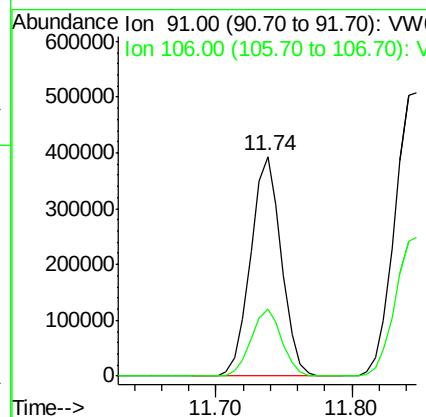
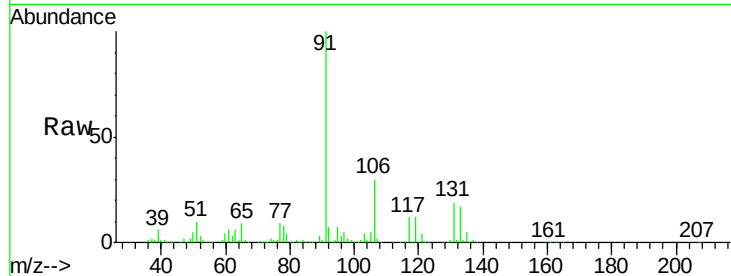
#67
Ethyl Benzene
Concen: 50.85 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003539.D
Acq: 25 Jun 2018 05:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 622212
Ion Ratio Lower Upper
91 100
106 30.4 24.7 37.1

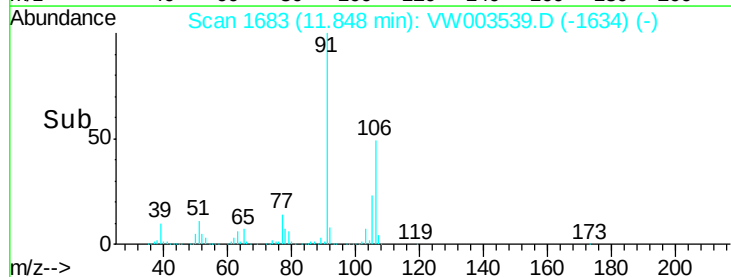
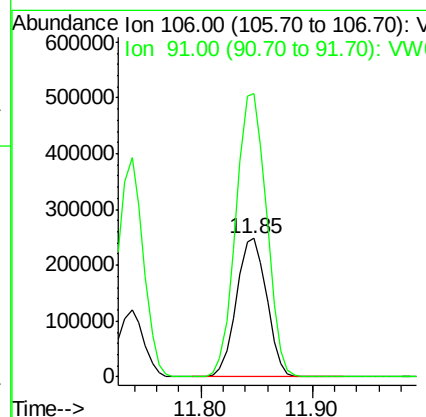
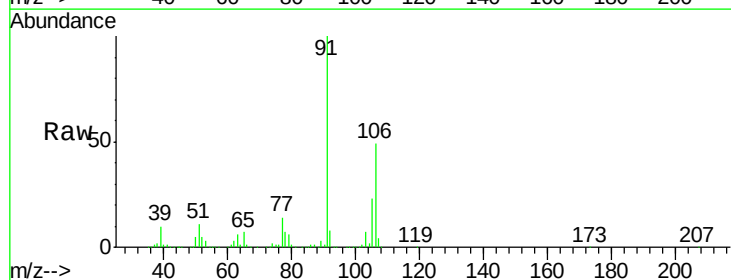
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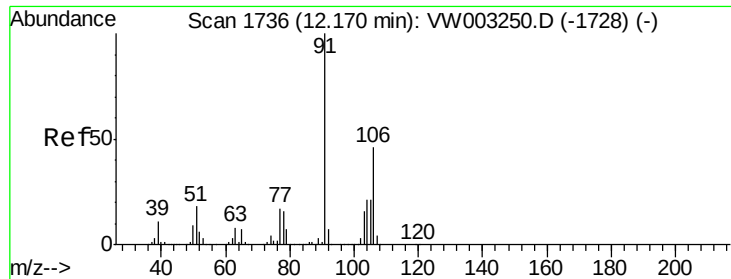
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#68
m/p-Xylenes
Concen: 100.65 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW003539.D
Acq: 25 Jun 2018 05:43

Tgt Ion: 106 Resp: 468196
Ion Ratio Lower Upper
106 100
91 206.5 165.4 248.0





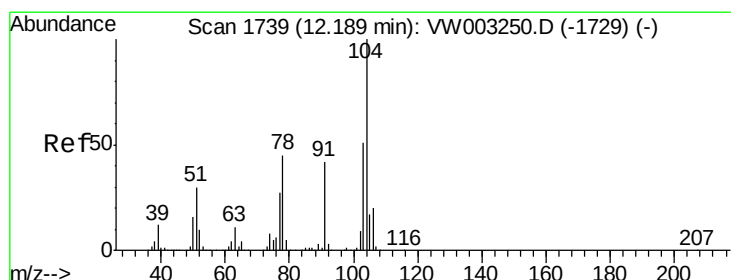
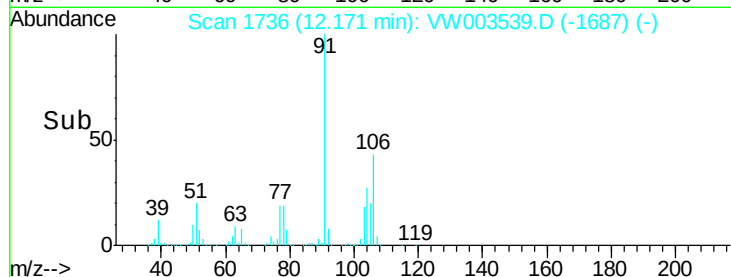
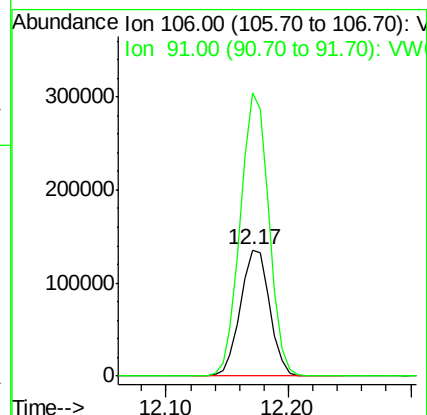
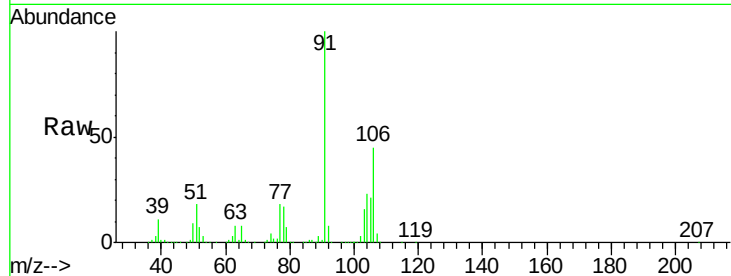
#69
o-Xylene
Concen: 51.86 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003539.D
Acq: 25 Jun 2018 05:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		223560		
91	219.4	108.6	325.6		

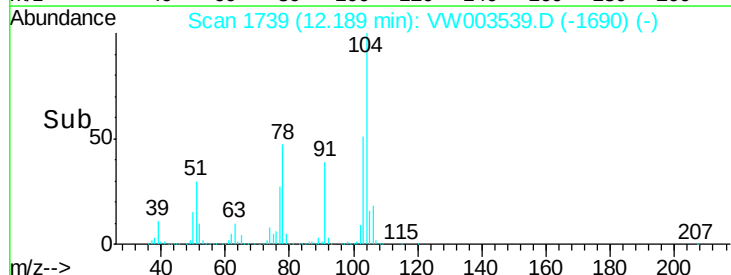
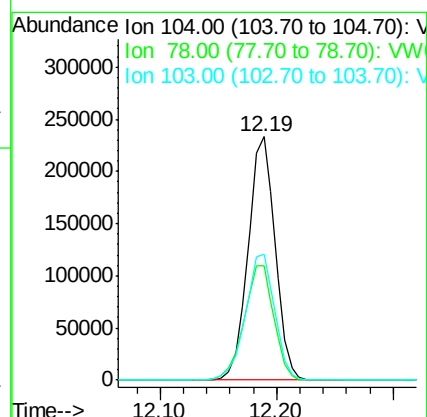
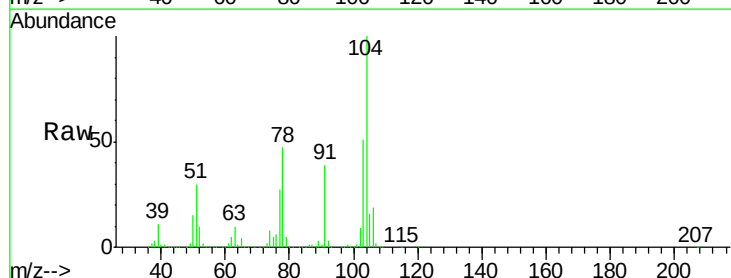
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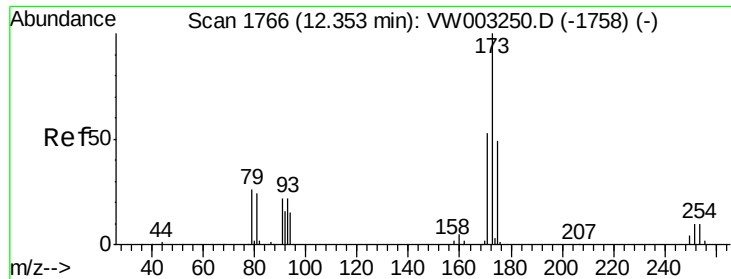
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#70
Styrene
Concen: 52.73 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW003539.D
Acq: 25 Jun 2018 05:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		378337		
78	51.8	41.3	61.9		
103	55.7	45.0	67.4		





#71

Bromoform

Concen: 52.42 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW003539.D

Acq: 25 Jun 2018 05:43

Instrument :

MSVOA_W

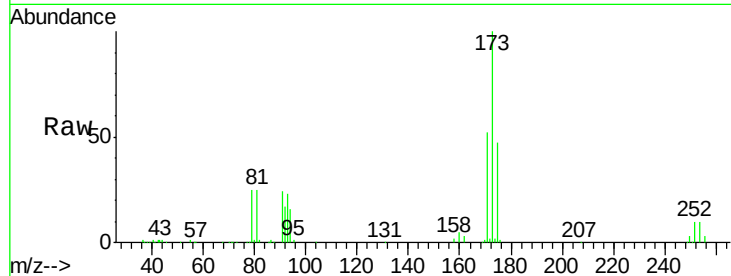
ClientSampleId :

VSTDCCC050EC

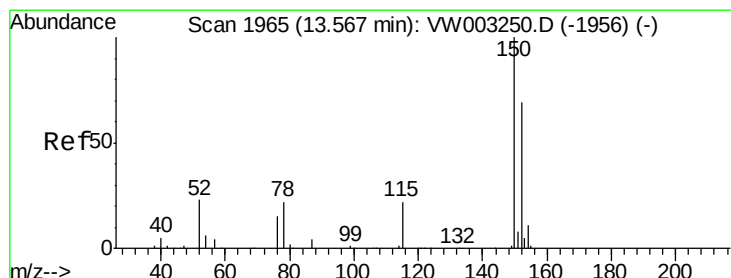
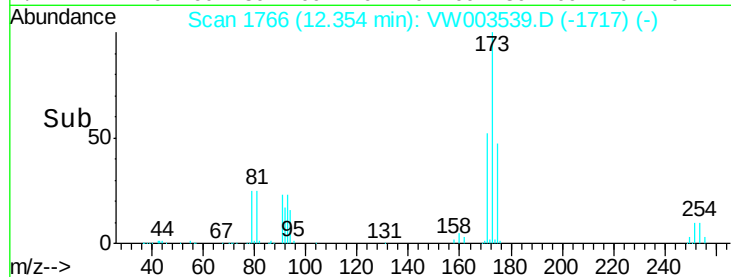
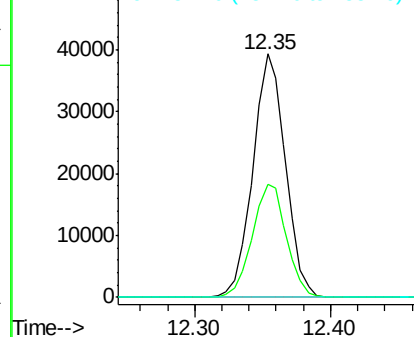
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.6	24.4	73.4
254	0.1	0.1	0.1

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

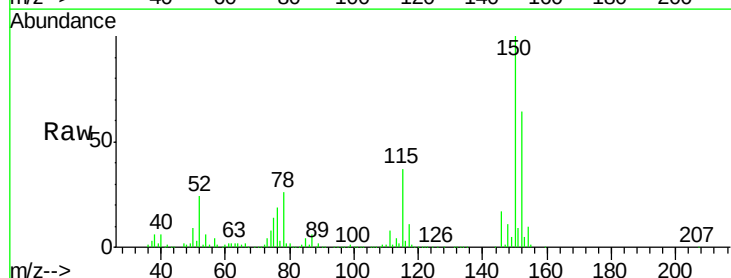
RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

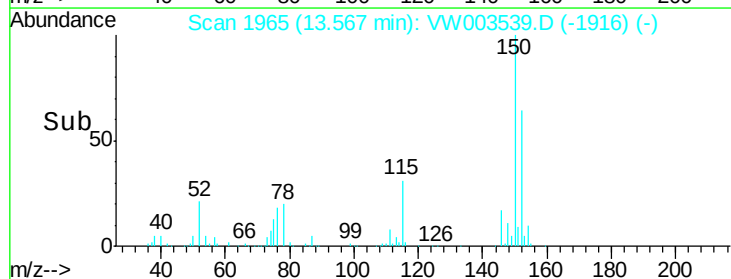
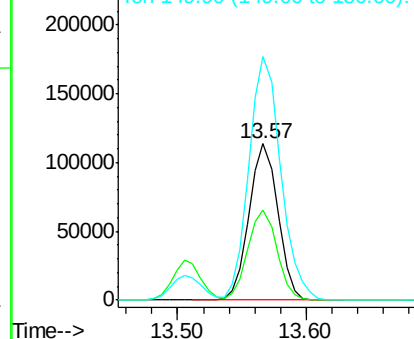
Lab File: VW003539.D

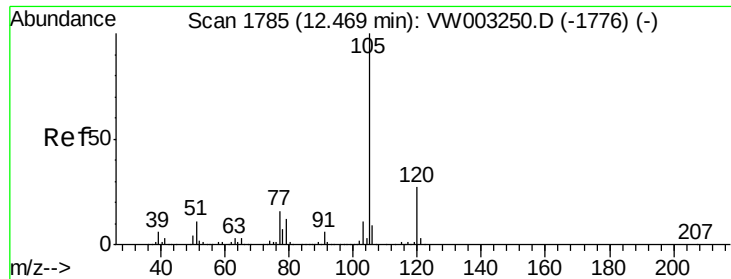
Acq: 25 Jun 2018 05:43

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.3	29.3	88.0
150	172.9	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: 50.80 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW003539.D

Acq: 25 Jun 2018 05:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 617466

Ion Ratio Lower Upper

105 100

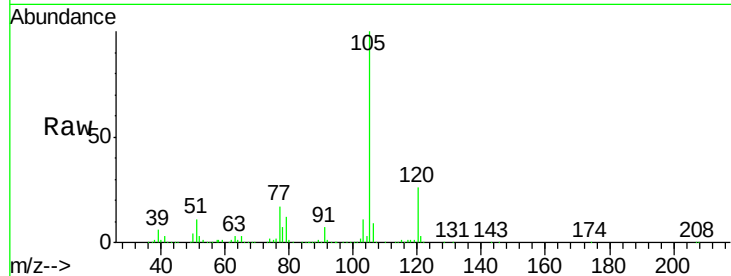
120 26.1 13.2 39.6

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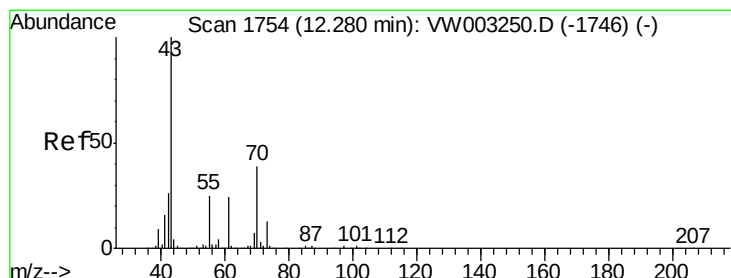
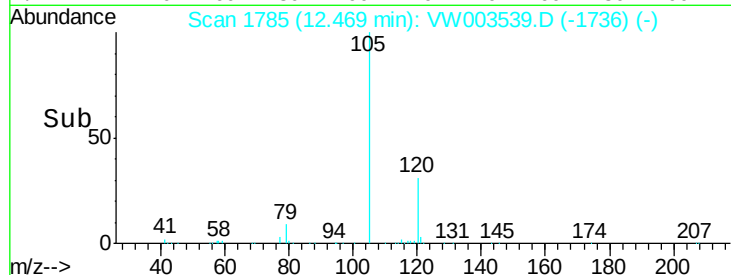
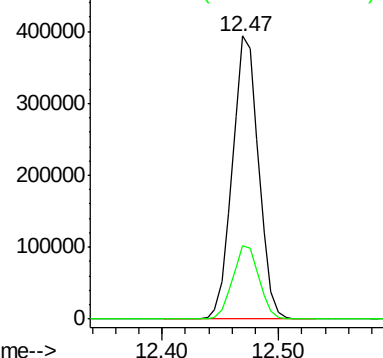
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 56.78 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW003539.D

Acq: 25 Jun 2018 05:43

Tgt Ion: 43 Resp: 157069

Ion Ratio Lower Upper

43 100

70 38.5 31.0 46.6

55 24.4 19.7 29.5

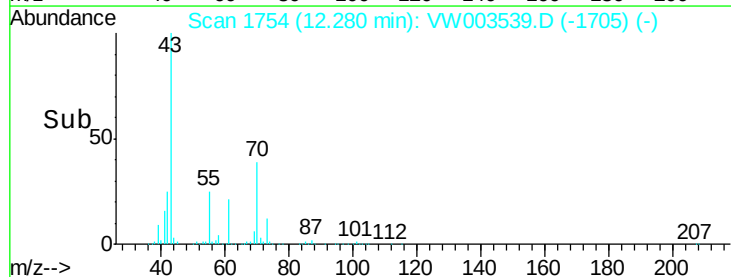
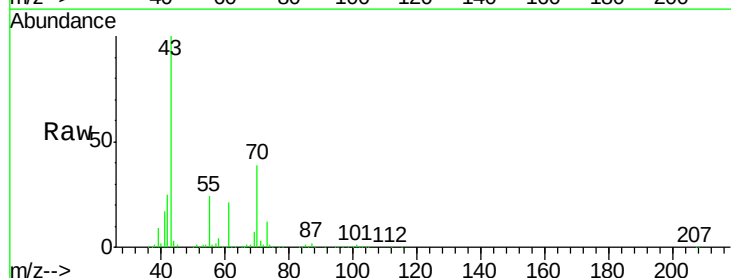
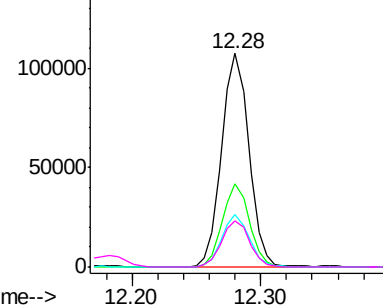
61 22.1 18.1 27.1

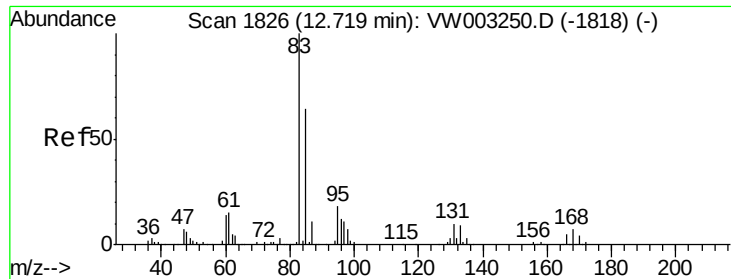
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 55.20 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW003539.D

Acq: 25 Jun 2018 05:43

Instrument :

MSVOA_W

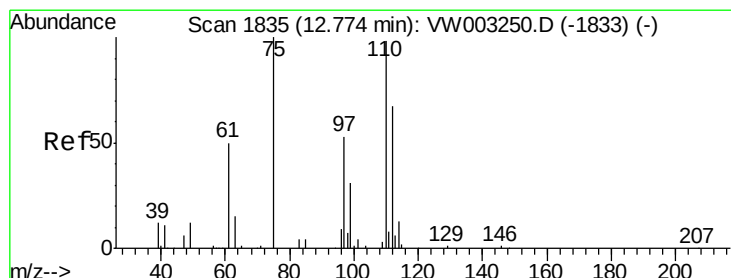
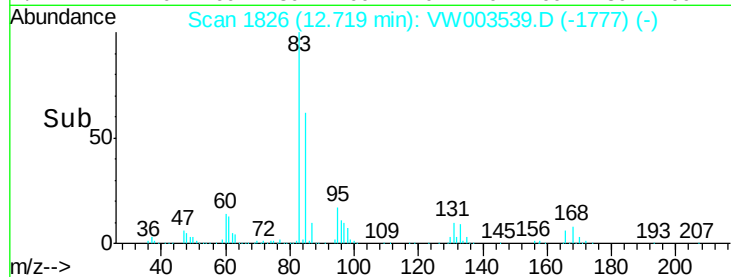
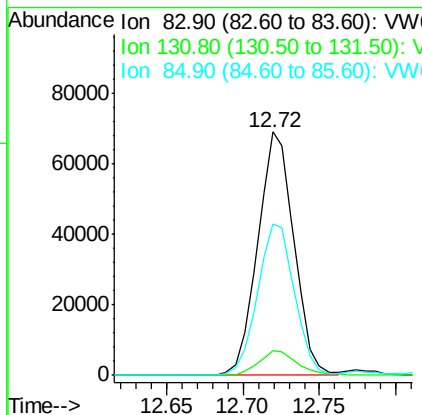
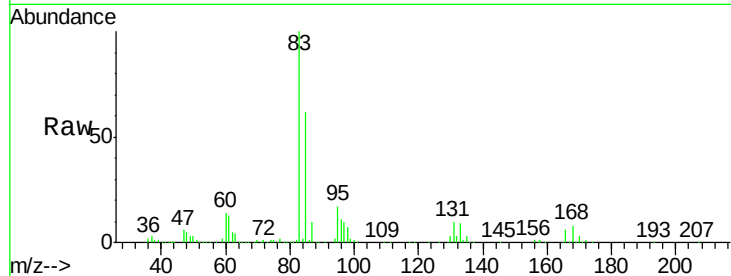
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	113510
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.4	16.2
85	63.4	31.9	95.7

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 53.45 ug/l m

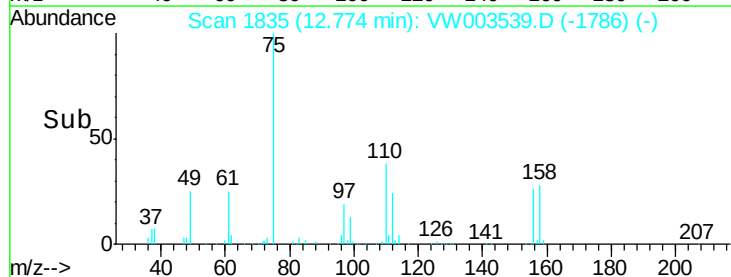
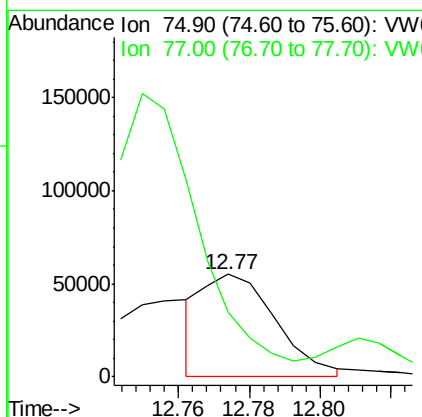
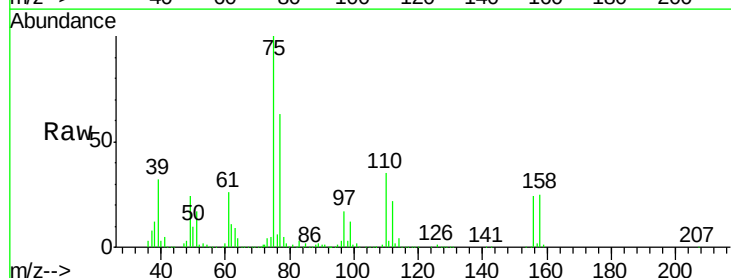
RT: 12.77 min Scan# 1835

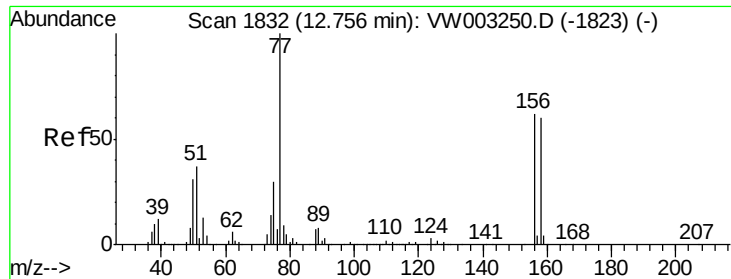
Delta R.T. 0.00 min

Lab File: VW003539.D

Acq: 25 Jun 2018 05:43

Tgt Ion:	75	Resp:	79842
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 50.71 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VW003539.D

Acq: 25 Jun 2018 05:43

Instrument :

MSVOA_W

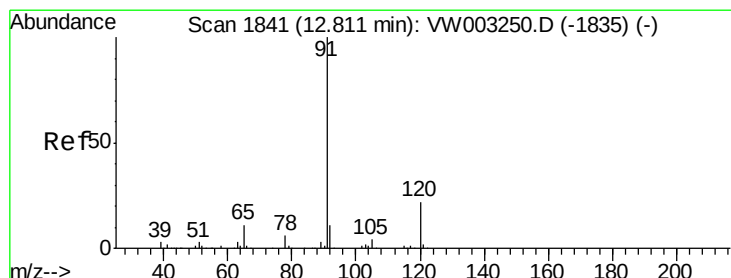
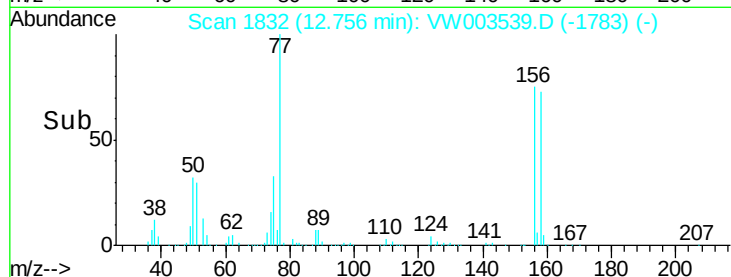
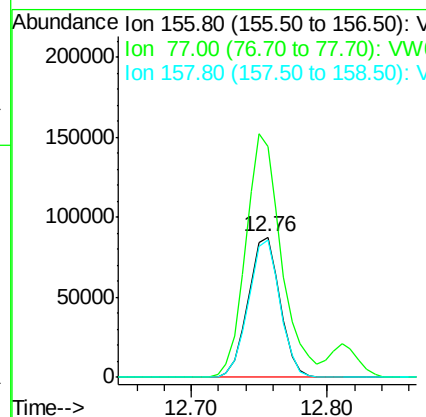
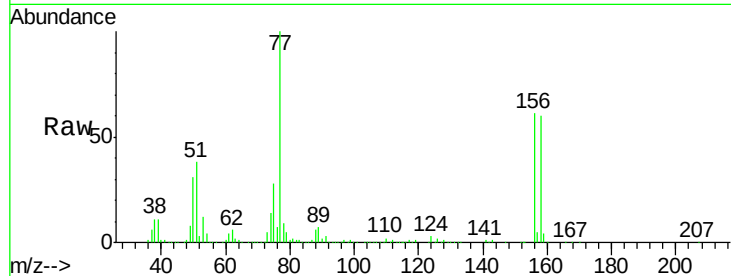
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	192.9	92.3	276.9
158	97.3	47.5	142.6

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#78

n-propylbenzene

Concen: 50.56 ug/l

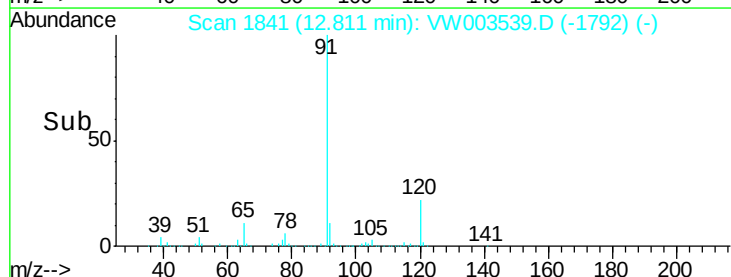
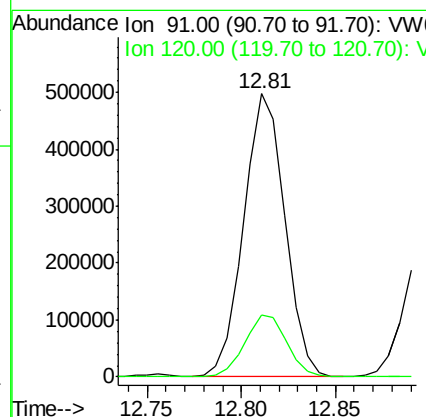
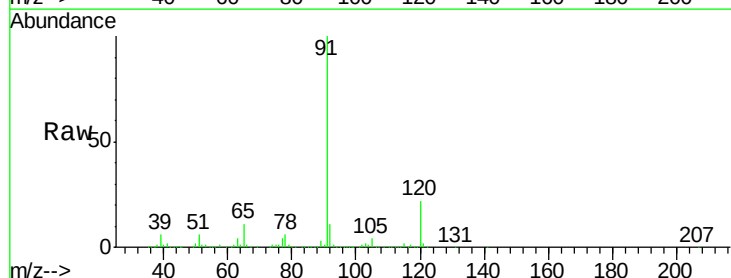
RT: 12.81 min Scan# 1841

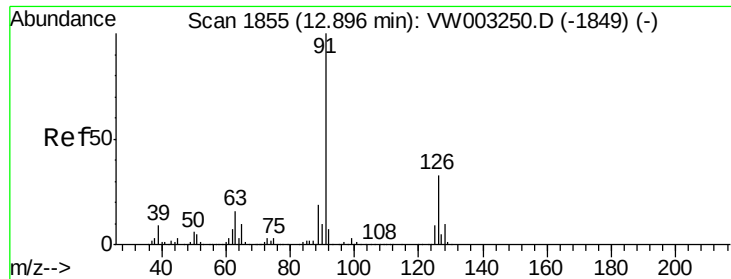
Delta R.T. 0.00 min

Lab File: VW003539.D

Acq: 25 Jun 2018 05:43

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.3	11.3	33.8





#79

2-Chlorotoluene

Concen: 51.45 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW003539.D

Acq: 25 Jun 2018 05:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 432712

Ion Ratio Lower Upper

91 100

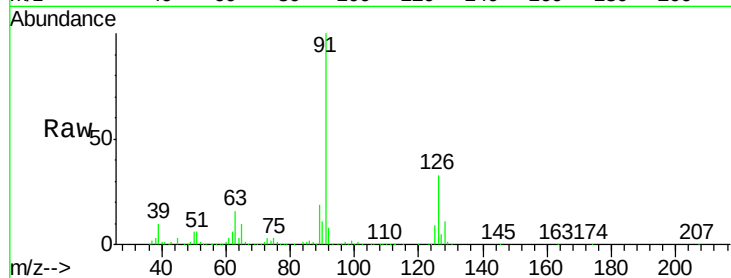
126 33.2 16.8 50.4

Manual Integrations

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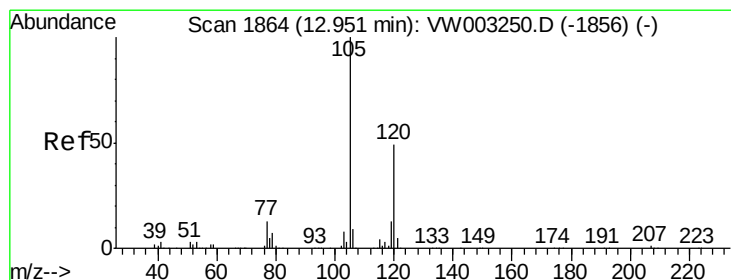
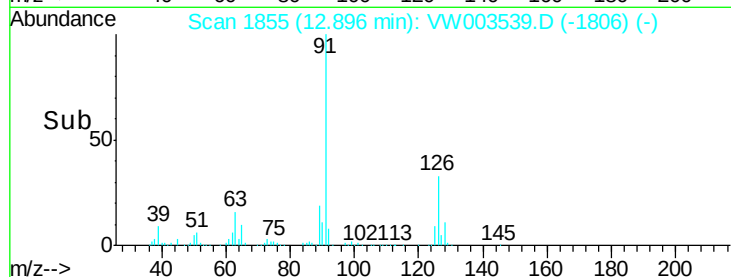
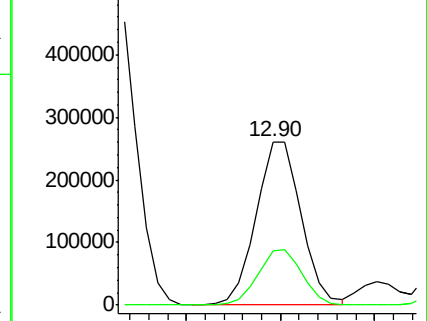
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 51.27 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW003539.D

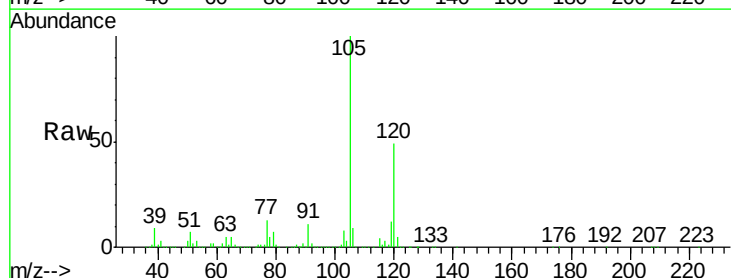
Acq: 25 Jun 2018 05:43

Tgt Ion: 105 Resp: 522997

Ion Ratio Lower Upper

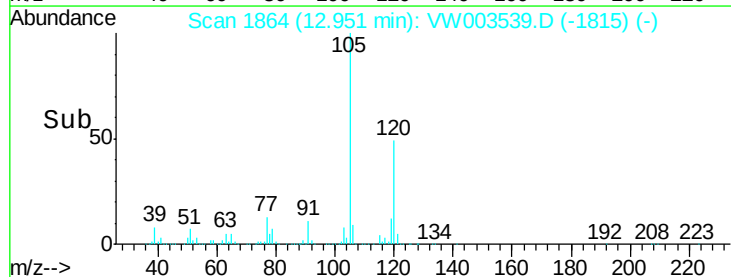
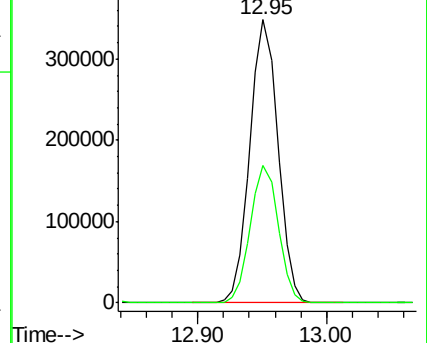
105 100

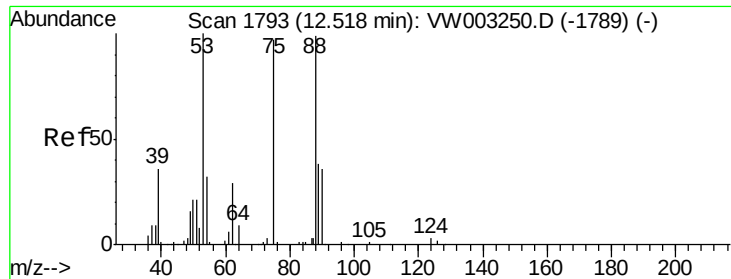
120 48.5 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





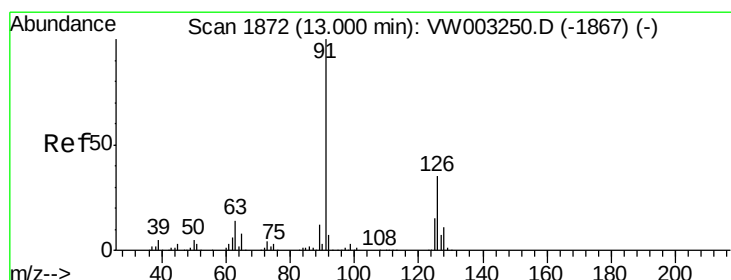
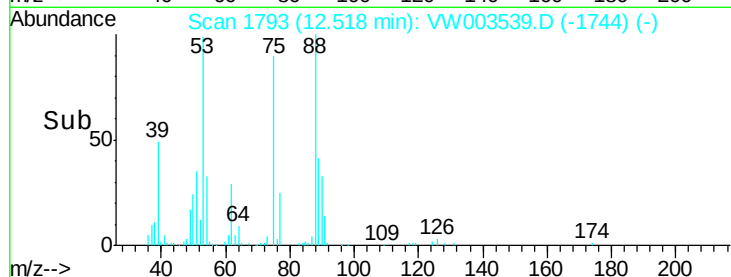
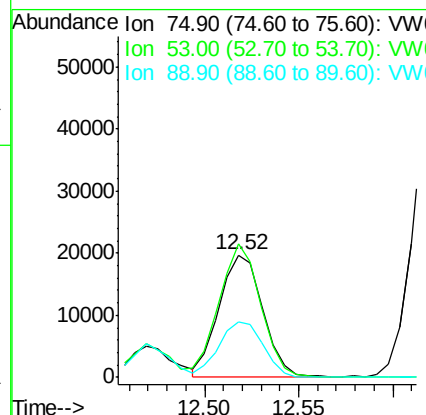
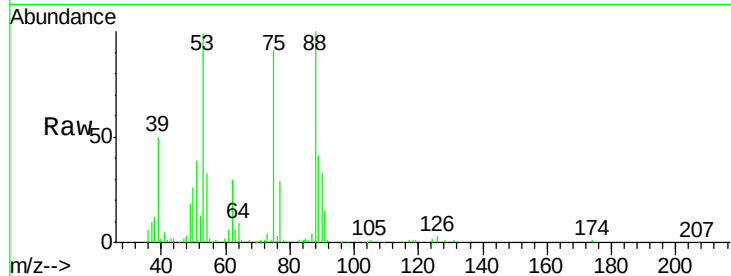
#81
trans-1,4-Dichloro-2-butene
Concen: 49.09 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VW003539.D
Acq: 25 Jun 2018 05:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	105.1	82.9	124.3
89	45.9	36.7	55.1

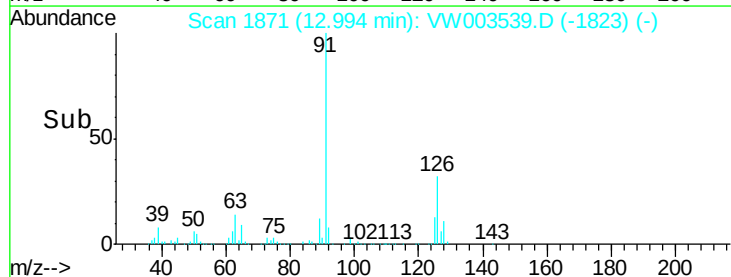
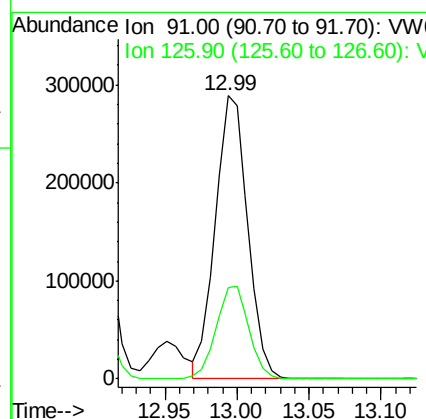
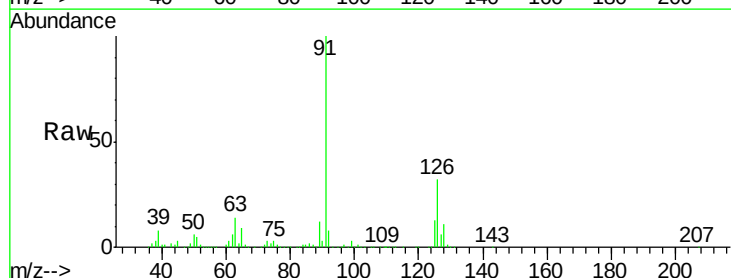
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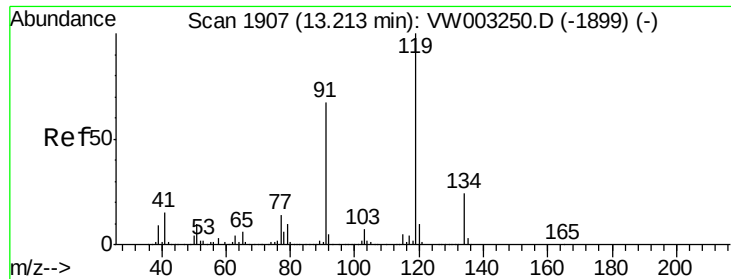
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#82
4-Chlorotoluene
Concen: 50.74 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. -0.01 min
Lab File: VW003539.D
Acq: 25 Jun 2018 05:43

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.3	16.8	50.3





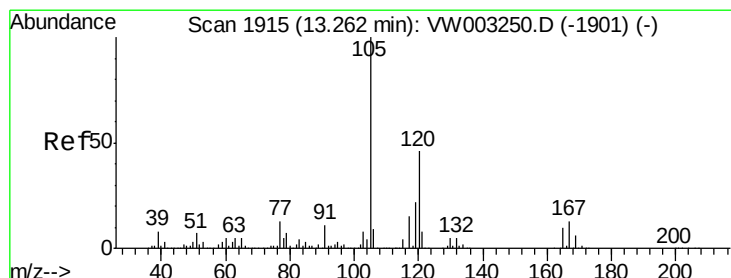
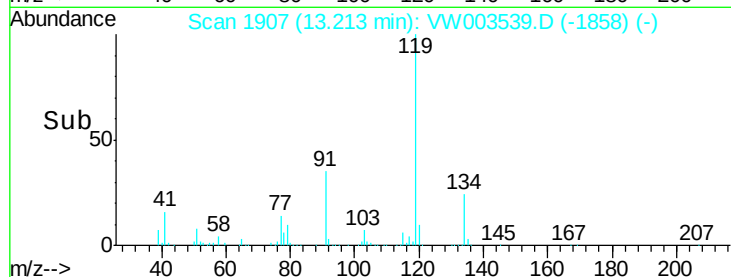
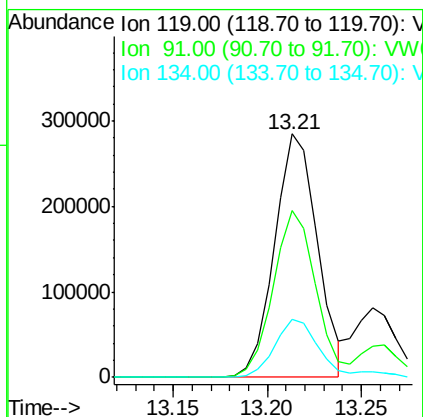
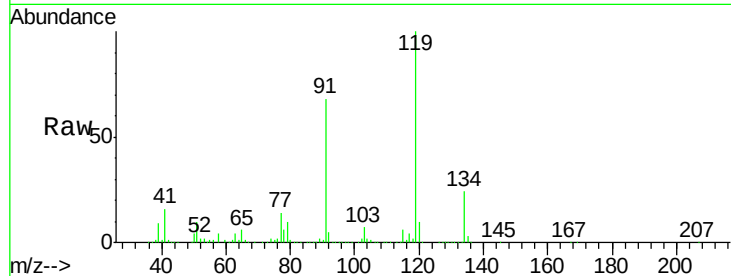
#83
 tert-Butylbenzene
 Concen: 51.44 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VW003539.D
 Acq: 25 Jun 2018 05:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	447190		
91	68.7	33.9	101.7	
134	25.8	13.4	40.1	

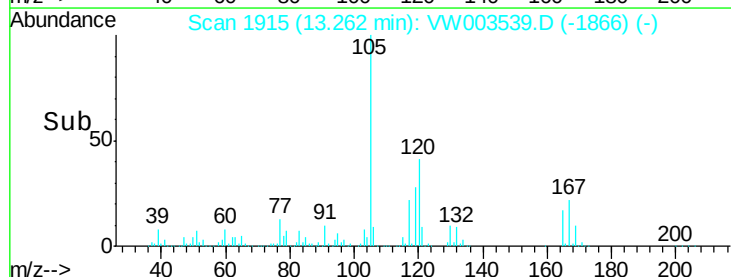
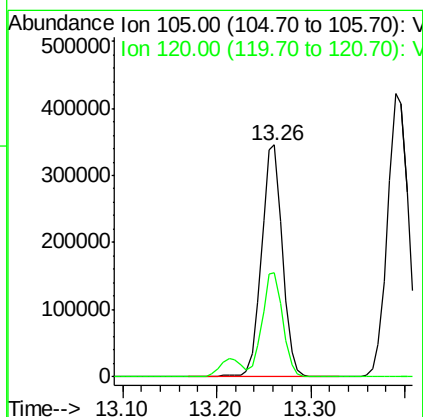
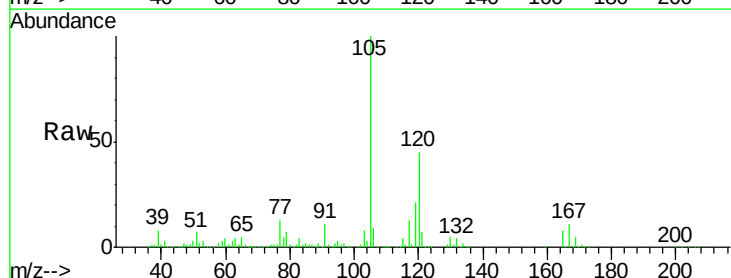
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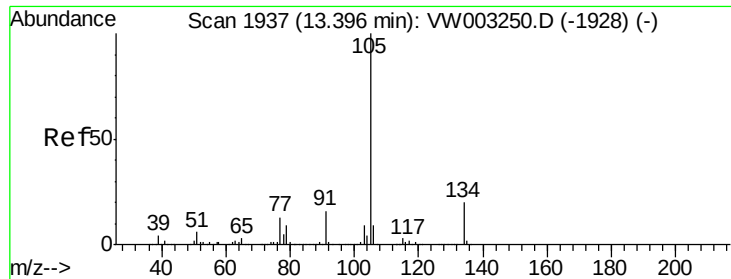
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#84
 1,2,4-Trimethylbenzene
 Concen: 51.46 ug/l
 RT: 13.26 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW003539.D
 Acq: 25 Jun 2018 05:43

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	539996		
120	44.5	22.5	67.5	





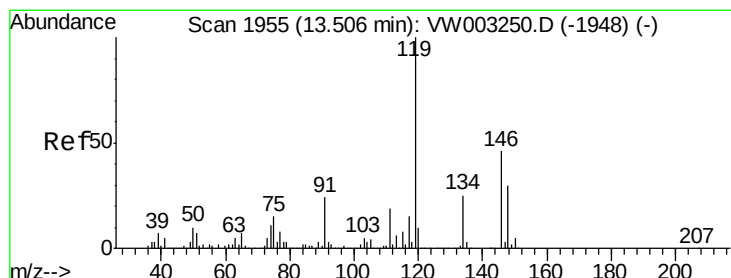
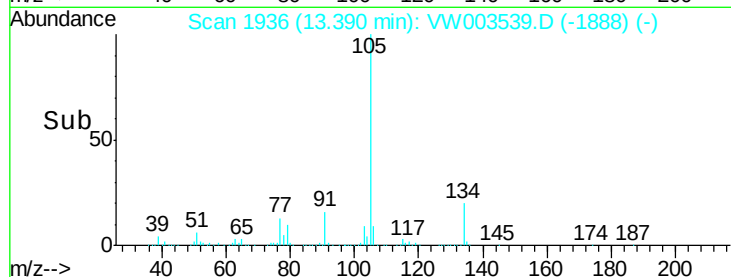
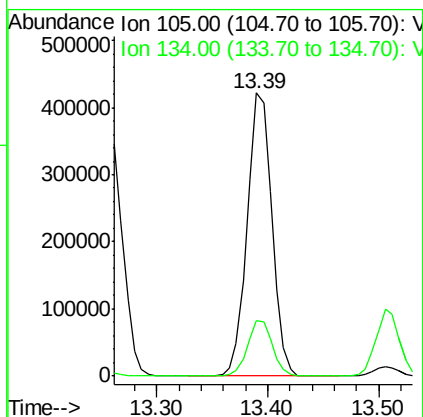
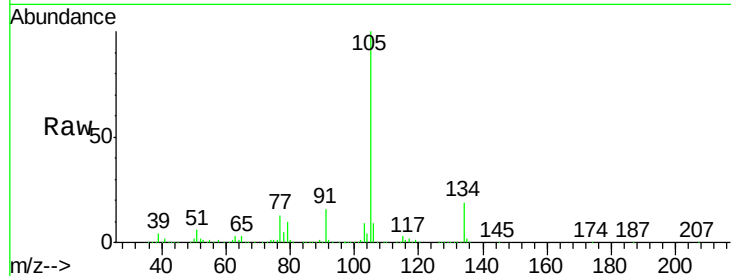
#85
 sec-Butylbenzene
 Concen: 50.48 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: VW003539.D
 Acq: 25 Jun 2018 05:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.6	9.8	29.5

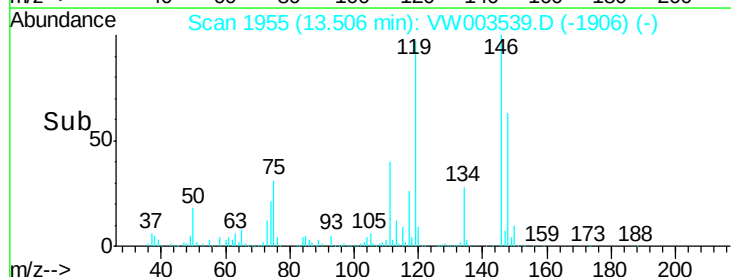
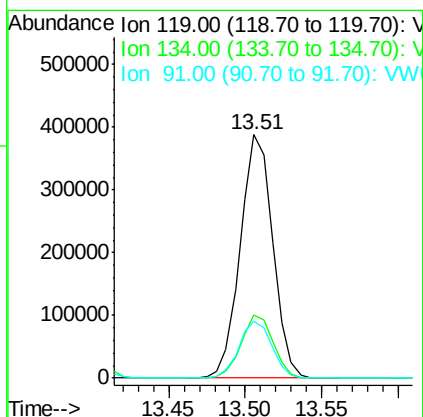
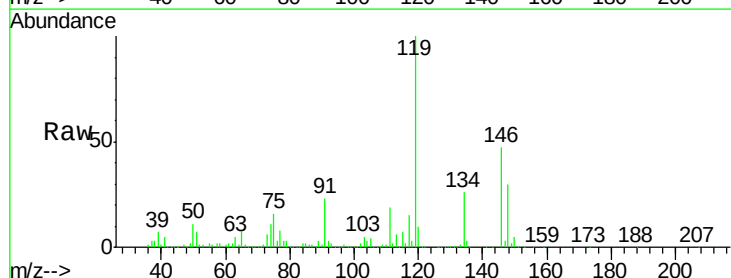
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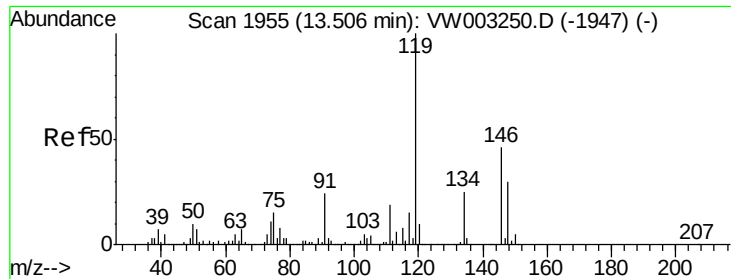
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#86
 p-Isopropyltoluene
 Concen: 50.12 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003539.D
 Acq: 25 Jun 2018 05:43

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.7	12.9	38.7
91	23.7	11.8	35.3





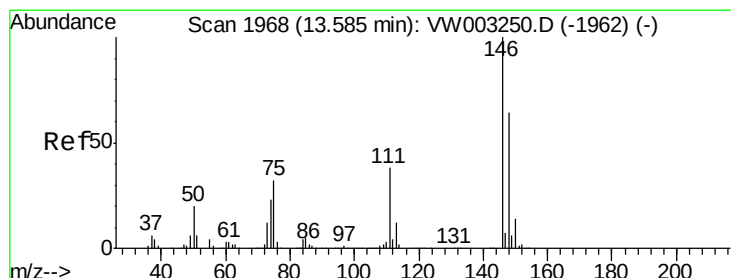
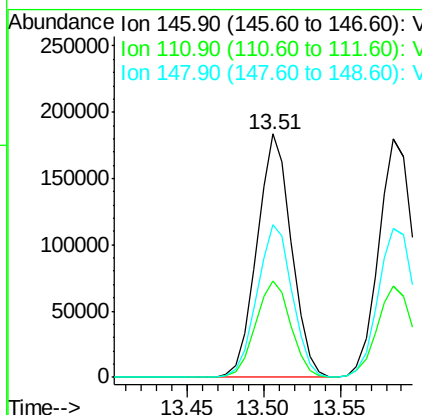
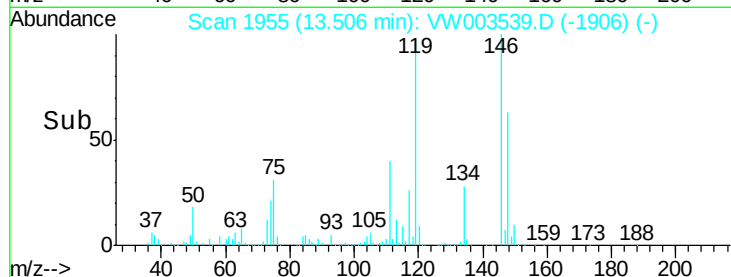
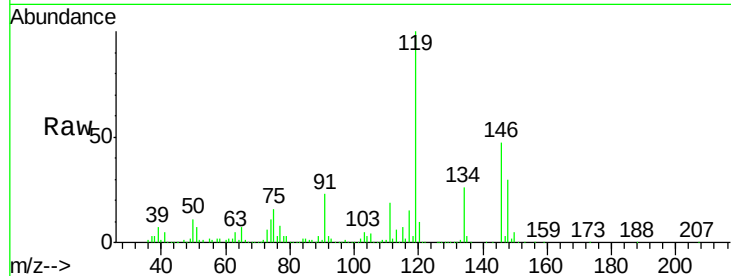
#87
 1,3-Dichlorobenzene
 Concen: 49.55 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003539.D
 Acq: 25 Jun 2018 05:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	288110		
111	40.1	19.8	59.4	
148	63.9	32.1	96.5	

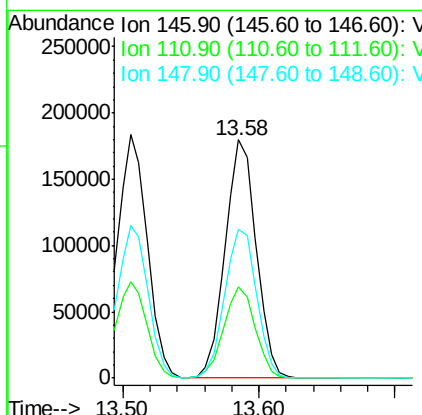
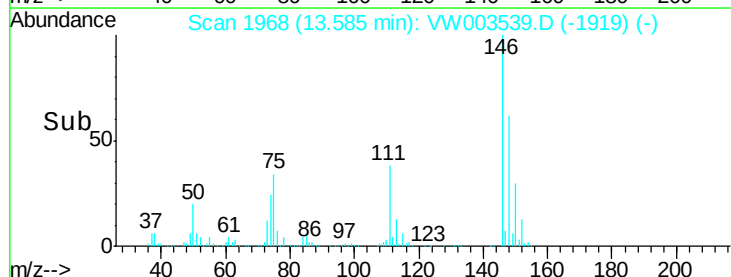
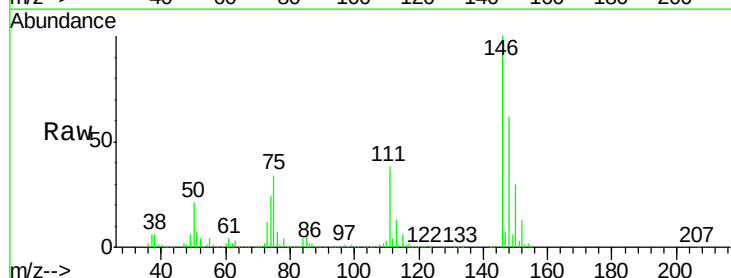
Manual Integrations
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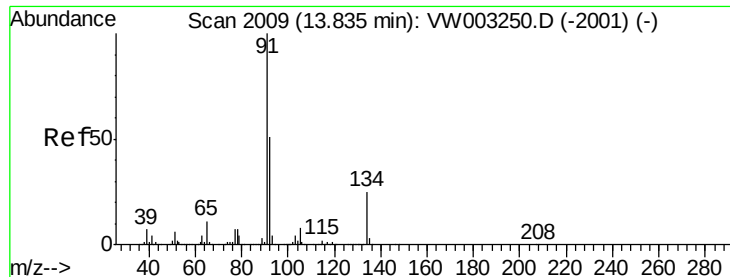
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#88
 1,4-Dichlorobenzene
 Concen: 49.19 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW003539.D
 Acq: 25 Jun 2018 05:43

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	284333		
111	39.1	19.2	57.6	
148	64.4	31.8	95.4	





#89

n-Butylbenzene

Concen: 48.98 ug/l

RT: 13.83 min Scan# 2009

Delta R.T. 0.00 min

Lab File: VW003539.D

Acq: 25 Jun 2018 05:43

Instrument :

MSVOA_W

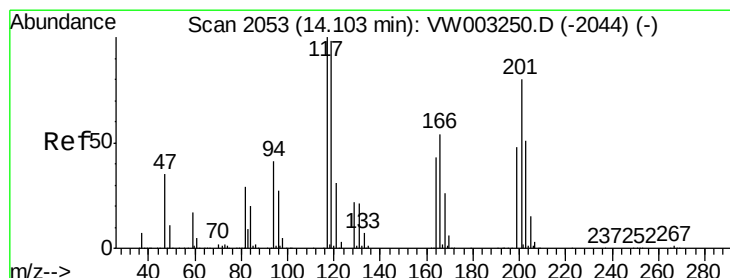
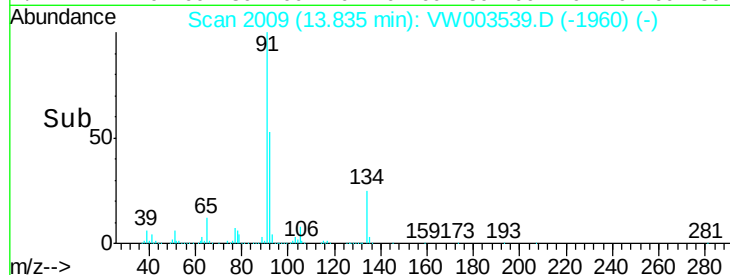
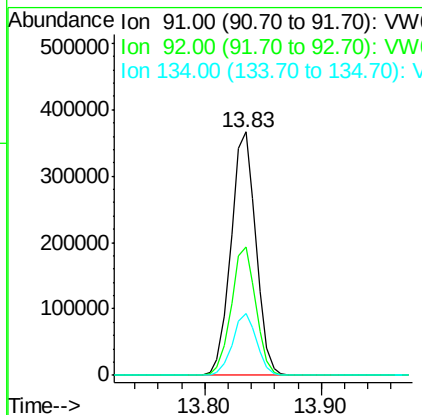
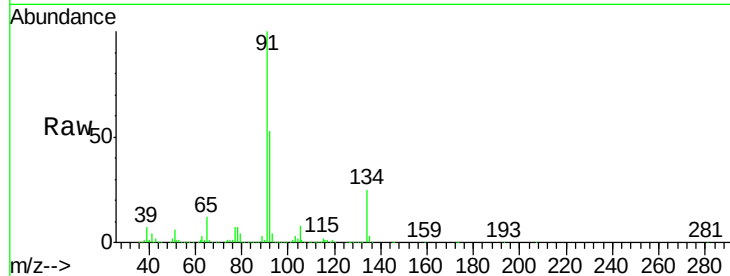
ClientSampleId :

VSTDCCC050EC

Tot Ion:	91	Resp:	544183
Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.0	78.0
134	24.8	12.7	38.0

Manual Integrations
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#90

Hexachloroethane

Concen: 50.69 ug/l

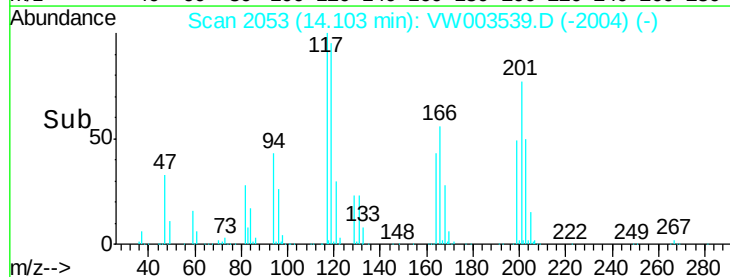
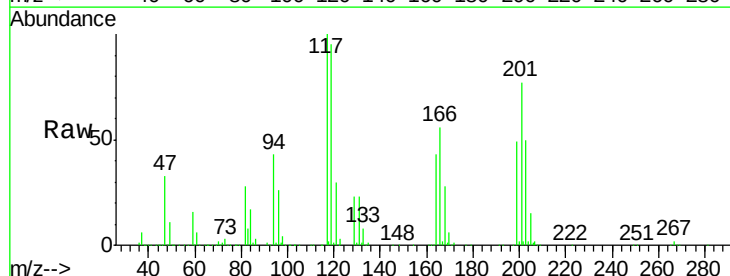
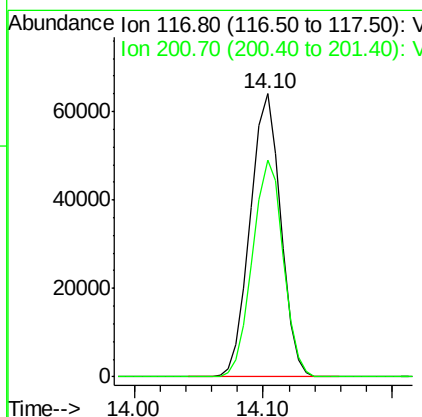
RT: 14.10 min Scan# 2053

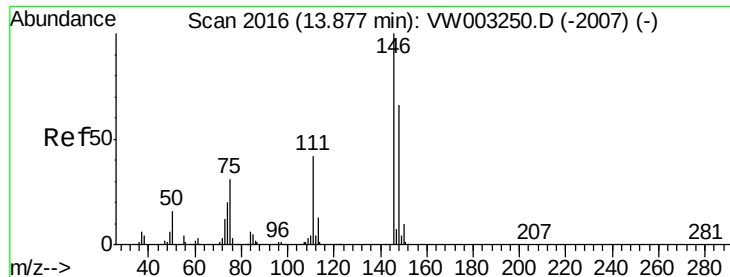
Delta R.T. 0.00 min

Lab File: VW003539.D

Acq: 25 Jun 2018 05:43

Tgt Ion:	117	Resp:	104520
Ion	Ratio	Lower	Upper
117	100		
201	77.4	39.5	118.5





#91

1,2-Dichlorobenzene

Concen: 51.05 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. 0.00 min

Lab File: VW003539.D

Acq: 25 Jun 2018 05:43

Instrument :

MSVOA_W

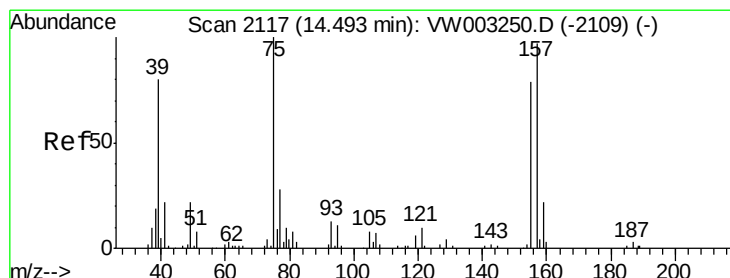
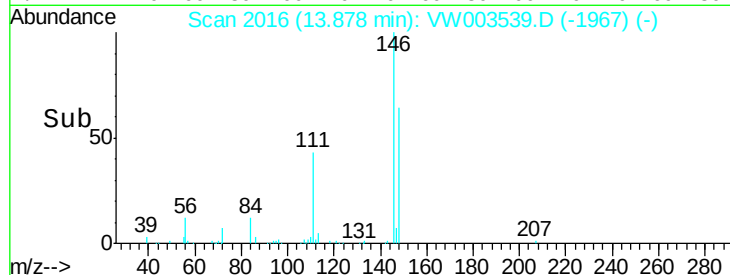
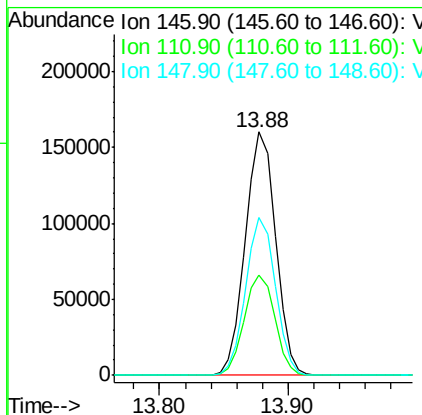
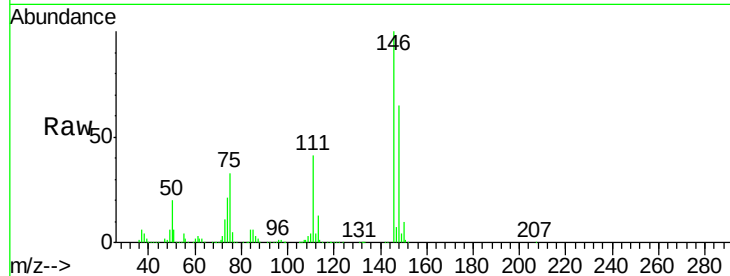
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	260025
Ion Ratio	Lower	Upper	
146	100		
111	41.8	20.3	61.0
148	63.8	32.3	96.9

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#92

1,2-Dibromo-3-Chloropropane

Concen: 55.23 ug/l

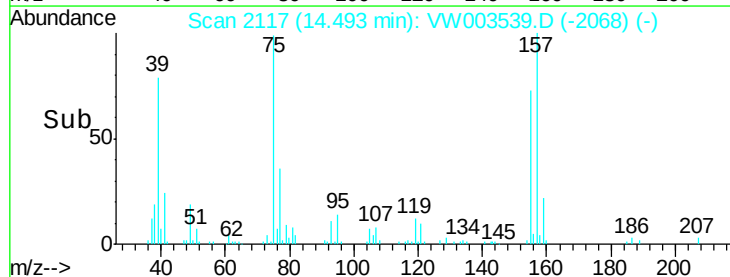
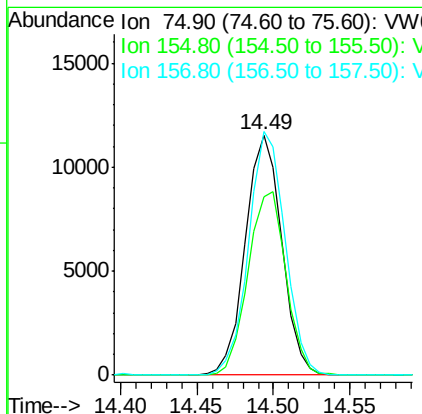
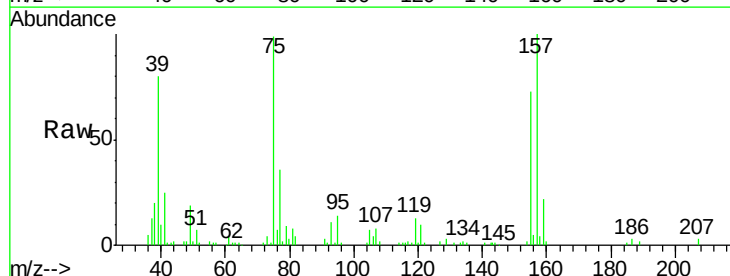
RT: 14.49 min Scan# 2117

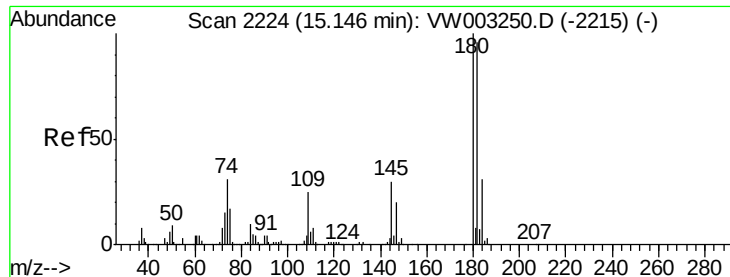
Delta R.T. 0.00 min

Lab File: VW003539.D

Acq: 25 Jun 2018 05:43

Tgt Ion:	75	Resp:	19112
Ion Ratio	Lower	Upper	
75	100		
155	79.6	39.4	118.2
157	101.6	51.5	154.5





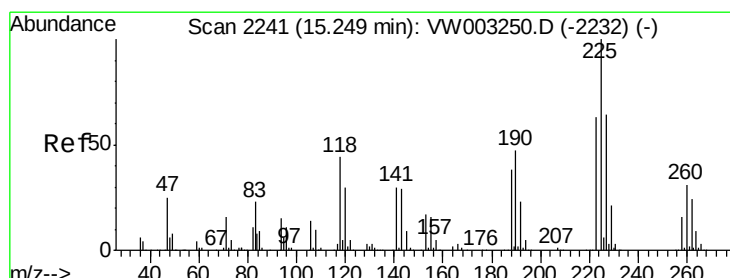
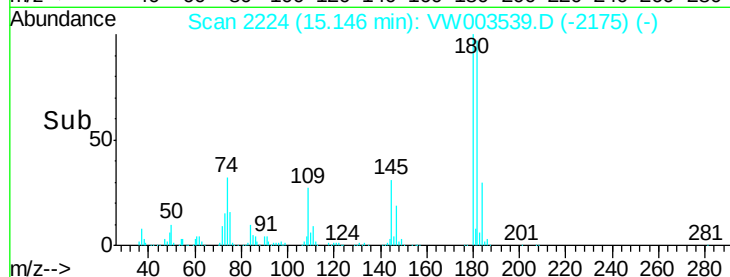
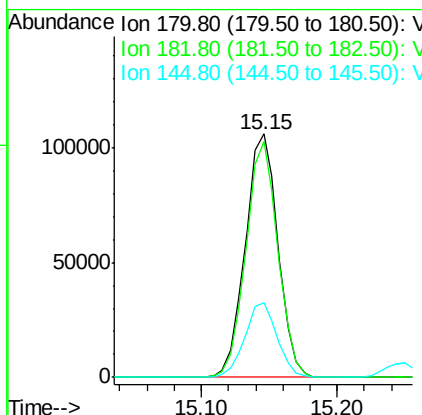
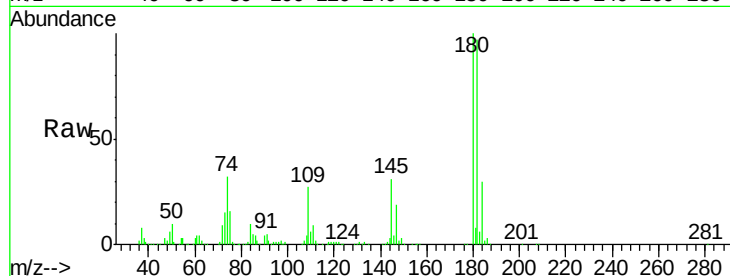
#93
 1,2,4-Trichlorobenzene
 Concen: 49.97 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW003539.D
 Acq: 25 Jun 2018 05:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	178693		
182	94.3	47.9	143.6	
145	30.3	15.2	45.5	

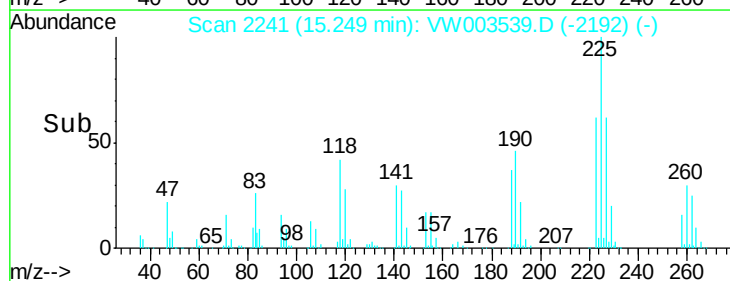
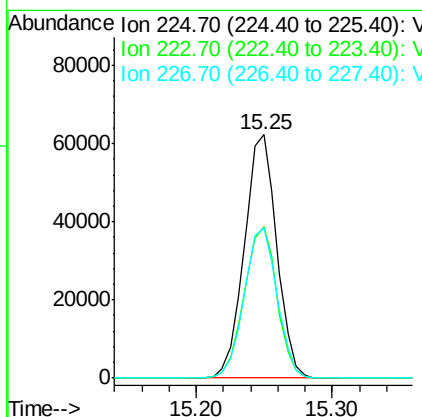
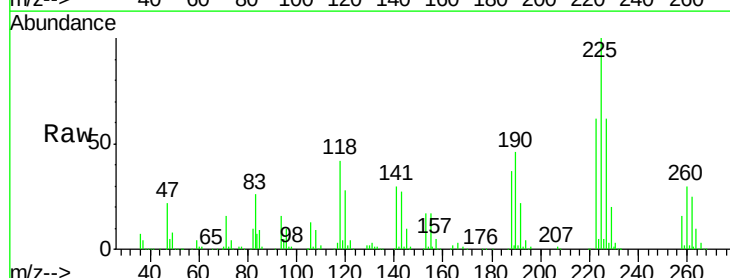
Manual Integrations
 APPROVED

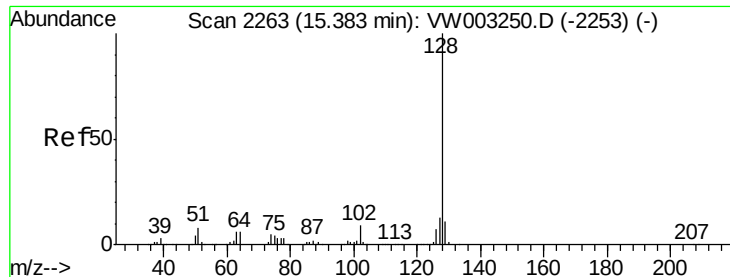
apatel
 6/26/2018 4:40:15 PM



#94
 Hexachlorobutadiene
 Concen: 48.33 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: VW003539.D
 Acq: 25 Jun 2018 05:43

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	103957		
223	62.8	30.6	92.0	
227	62.5	31.7	95.1	





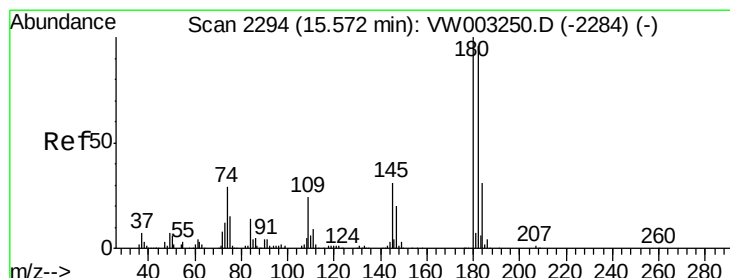
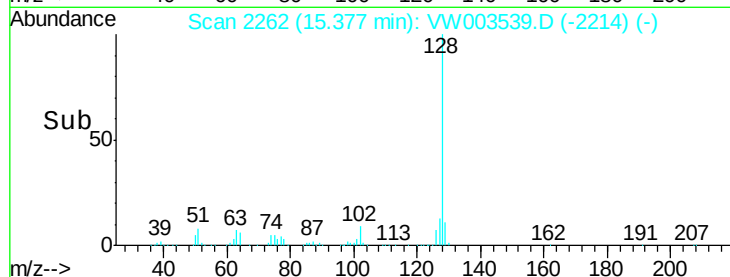
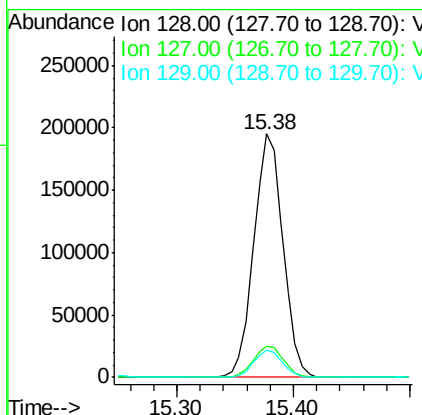
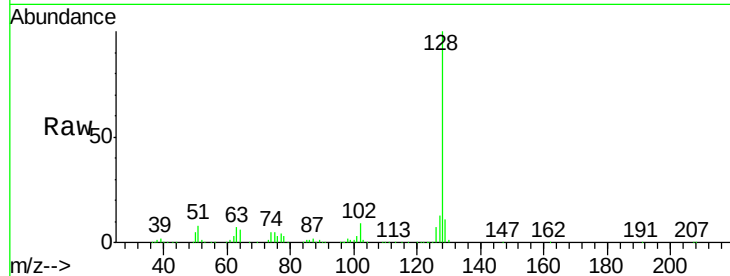
#95
Naphthalene
Concen: 56.26 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. -0.01 min
Lab File: VW003539.D
Acq: 25 Jun 2018 05:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.5	15.7
129	11.0	8.9	13.3

Manual Integrations
APPROVED

apatel
6/26/2018 4:40:15 PM



#96
1,2,3-Trichlorobenzene
Concen: 50.97 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.01 min
Lab File: VW003539.D
Acq: 25 Jun 2018 05:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.9	143.6
145	32.3	15.8	47.4

