

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062418\
 Data File : VW003526.D
 Acq On : 24 Jun 2018 21:58
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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 6/26/2018 4:15:01 PM

Quant Time: Jun 25 01:46:01 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	229949	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	376053	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	350860	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	183896	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	154844	62.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	124.34%	
35) Dibromofluoromethane	7.88	113	135869	58.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.30%	
50) Toluene-d8	10.33	98	529738	57.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.34%	
62) 4-Bromofluorobenzene	12.62	95	196965	60.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	43802	63.01	ug/l	89
3) Chloromethane	2.21	50	86550	49.27	ug/l	97
4) Vinyl Chloride	2.36	62	121164	47.32	ug/l	100
5) Bromomethane	2.78	94	76999	45.24	ug/l	96
6) Chloroethane	2.92	64	72614	40.74	ug/l	96
7) Trichlorofluoromethane	3.25	101	67124	43.76	ug/l	96
8) Diethyl Ether	3.68	74	63760	56.58	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	106631	50.06	ug/l	99
10) Methyl Iodide	4.26	142	170786	53.02	ug/l	98
11) Tert butyl alcohol	5.22	59	42962	321.62	ug/l #	83
12) 1,1-Dichloroethene	4.03	96	108016	51.89	ug/l	99
13) Acrolein	3.89	56	26556	139.05	ug/l	97
14) Allyl chloride	4.66	41	199143	55.23	ug/l	96
15) Acrylonitrile	5.38	53	147125	317.33	ug/l	100
16) Acetone	4.14	43	133969	256.46	ug/l	99
17) Carbon Disulfide	4.37	76	300780	48.88	ug/l	99
18) Methyl Acetate	4.67	43	79443	64.11	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	235190	60.32	ug/l	97
20) Methylene Chloride	4.91	84	122206	55.47	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	120211	53.06	ug/l	96
22) Diisopropyl ether	6.31	45	427532	58.91	ug/l	97
23) Vinyl Acetate	6.26	43	1253436	299.73	ug/l	99
24) 1,1-Dichloroethane	6.21	63	237037	55.02	ug/l	98
25) 2-Butanone	7.18	43	199173	306.63	ug/l	95
26) 2,2-Dichloropropane	7.17	77	132438	46.06	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	141904	57.02	ug/l	99
28) Bromochloromethane	7.51	49	112967	63.01	ug/l	98
29) Tetrahydrofuran	7.54	42	129476	326.15	ug/l	99
30) Chloroform	7.68	83	241614	55.05	ug/l	99
31) Cyclohexane	7.96	56	197009	48.95	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	186787	51.56	ug/l	100
36) 1,1-Dichloropropene	8.09	75	182412	50.23	ug/l	99
37) Ethyl Acetate	7.26	43	91005	60.49	ug/l	100
38) Carbon Tetrachloride	8.07	117	172817	48.51	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	208959	49.73	ug/l	98
40) Benzene	8.32	78	523639	52.31	ug/l	99
41) Methacrylonitrile	7.49	41	57965	62.78	ug/l	97
42) 1,2-Dichloroethane	8.40	62	168034	53.58	ug/l	99
43) Isopropyl Acetate	8.43	43	173922	58.22	ug/l	99
44) Trichloroethene	9.10	130	141008	53.16	ug/l	100
45) 1,2-Dichloropropane	9.37	63	137991	54.14	ug/l	98
46) Dibromomethane	9.46	93	71264	54.61	ug/l	98
47) Bromodichloromethane	9.65	83	178977	53.51	ug/l	98
48) Methyl methacrylate	9.44	41	86380	61.53	ug/l	96
49) 1,4-Dioxane	9.48	88	22709	1152.56	ug/l #	1
51) 4-Methyl-2-Pentanone	10.22	43	467757	307.28	ug/l	99
52) Toluene	10.39	92	334482	52.11	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	184167	53.90	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	208256	53.55	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	101582	55.24	ug/l	99
56) Ethyl methacrylate	10.65	69	136209	61.00	ug/l	97
57) 1,3-Dichloropropane	10.94	76	180041	56.77	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	282388	282.11	ug/l	97
59) 2-Hexanone	10.98	43	323711	304.40	ug/l	99
60) Dibromochloromethane	11.13	129	117464	53.72	ug/l	100
61) 1,2-Dibromoethane	11.24	107	97588	56.10	ug/l	99
64) Tetrachloroethene	10.87	164	118051	50.30	ug/l	98
65) Chlorobenzene	11.66	112	374179	51.21	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	131729	51.30	ug/l	100
67) Ethyl Benzene	11.74	91	667623	51.55	ug/l	100
68) m/p-Xylenes	11.85	106	504750	102.52	ug/l	99
69) o-Xylene	12.17	106	245049	53.71	ug/l	99
70) Styrene	12.19	104	407936	53.71	ug/l	100
71) Bromoform	12.35	173	71388	53.65	ug/l #	99
73) Isopropylbenzene	12.47	105	669155	52.32	ug/l	99
74) N-amyl acetate	12.28	43	176651	60.68	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	124106	57.35	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	85270m	54.24	ug/l	
77) Bromobenzene	12.75	156	155293	52.13	ug/l	96
78) n-propylbenzene	12.81	91	812105	51.85	ug/l	100
79) 2-Chlorotoluene	12.90	91	465227	52.56	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	559347	52.10	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	36645	53.64	ug/l	98
82) 4-Chlorotoluene	12.99	91	477333	50.84	ug/l	99
83) tert-Butylbenzene	13.21	119	487077	53.23	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	579488	52.47	ug/l	100
85) sec-Butylbenzene	13.39	105	701898	51.61	ug/l	100
86) p-Isopropyltoluene	13.51	119	617384	51.47	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	309022	50.50	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	310688	51.07	ug/l	100
89) n-Butylbenzene	13.83	91	601138	51.41	ug/l	100
90) Hexachloroethane	14.10	117	111369	51.32	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	283155	52.82	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	21673	59.52	ug/l	98

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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	203992	54.21	ug/l	100
94) Hexachlorobutadiene	15.25	225	112558	49.73	ug/l	98
95) Naphthalene	15.38	128	394092	61.74	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	181922	54.92	ug/l	99

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

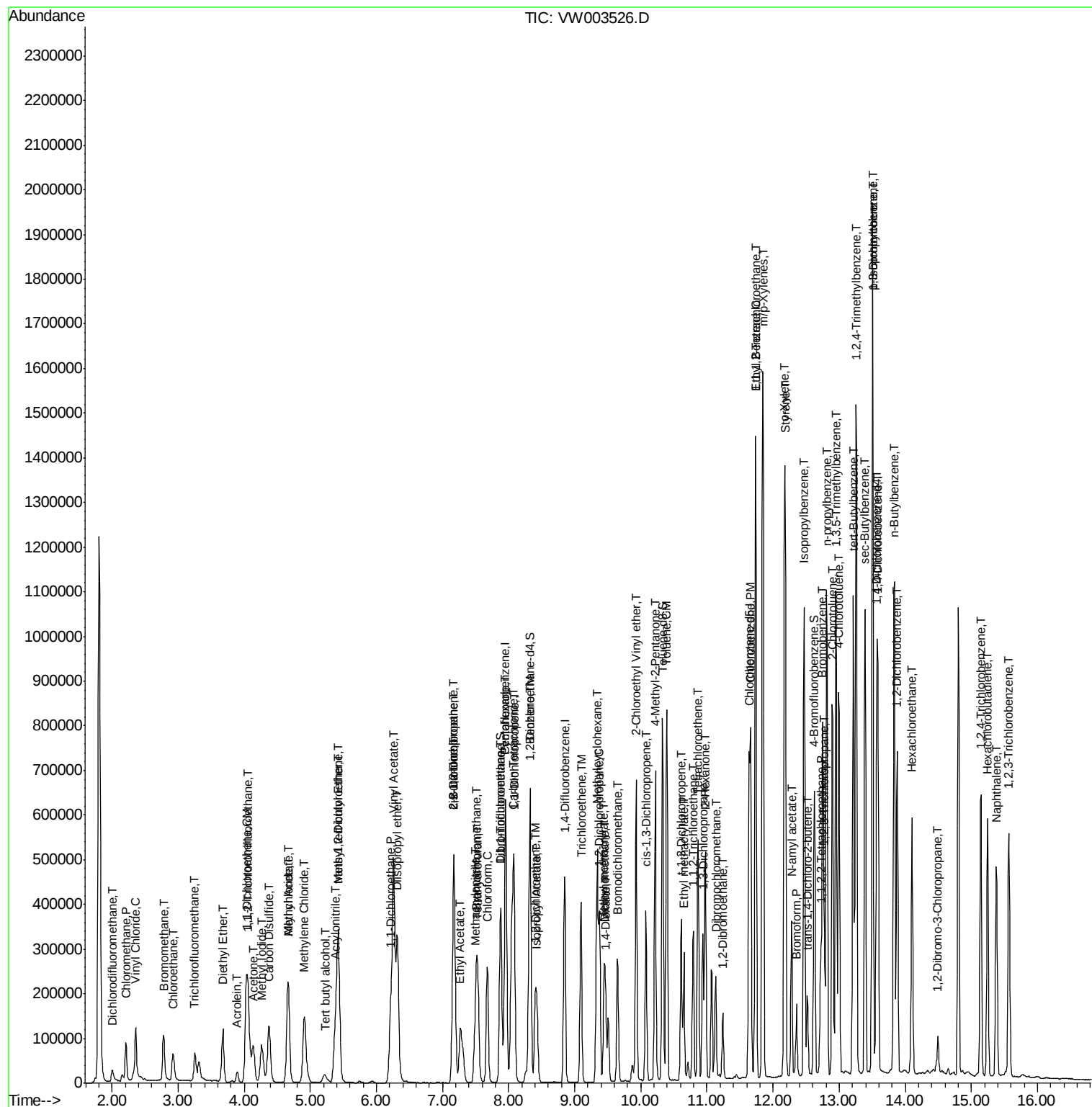
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062418\
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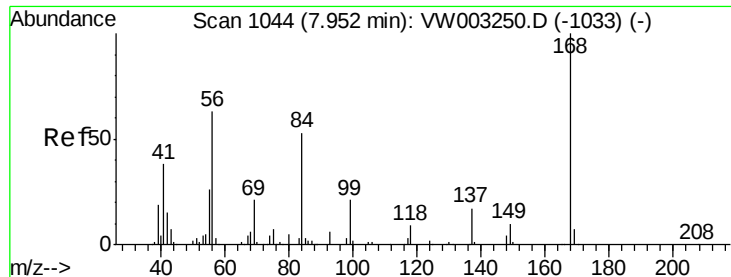
Instrument :
MSVOA_W
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003526.D

Acq: 24 Jun 2018 21:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 229949

Ion Ratio Lower Upper

168 100

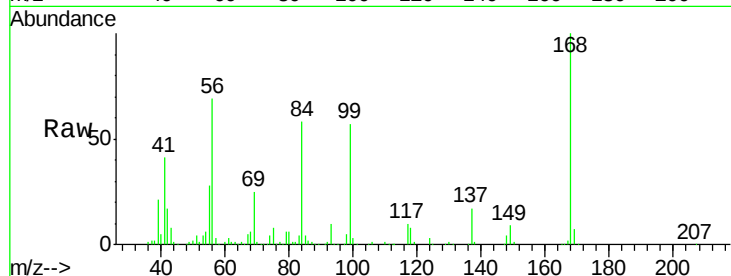
99 56.6 45.5 68.3

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

120000

100000

80000

60000

40000

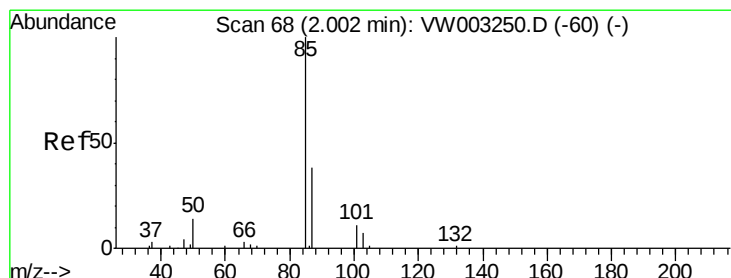
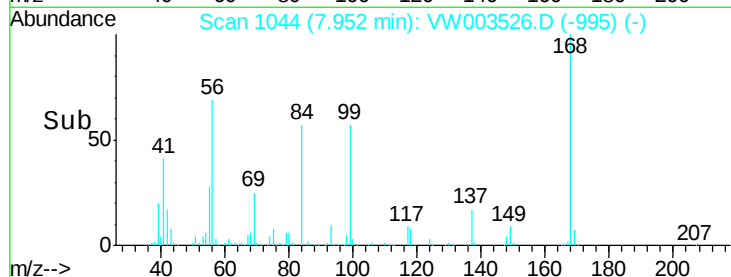
20000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 63.01 ug/l

RT: 2.00 min Scan# 68

Delta R.T. -0.00 min

Lab File: VW003526.D

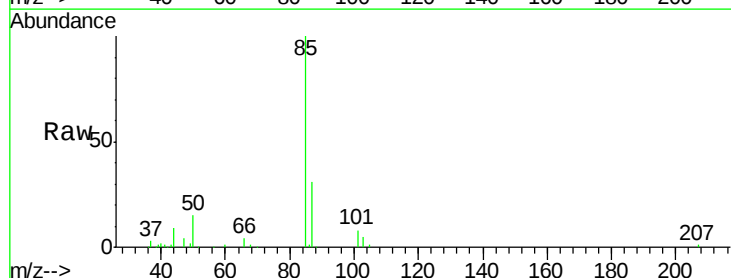
Acq: 24 Jun 2018 21:58

Tgt Ion: 85 Resp: 43802

Ion Ratio Lower Upper

85 100

87 31.1 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

15000

10000

5000

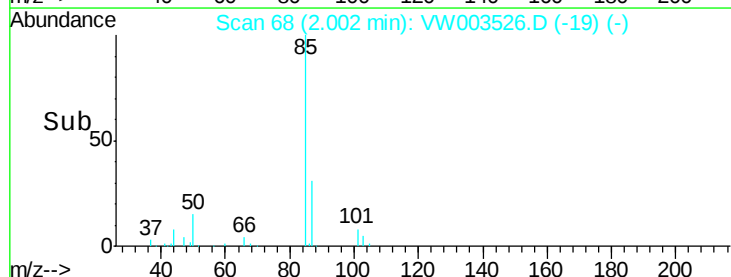
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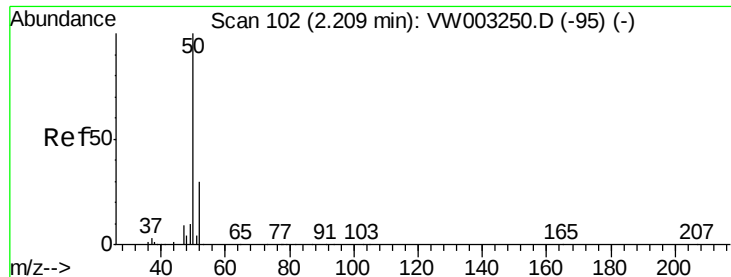
1.90

2.00

2.10

Time-->





#3

Chloromethane

Concen: 49.27 ug/l

RT: 2.21 min Scan# 102

Delta R.T. -0.00 min

Lab File: VW003526.D

Acq: 24 Jun 2018 21:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 86550

Ion Ratio Lower Upper

50 100

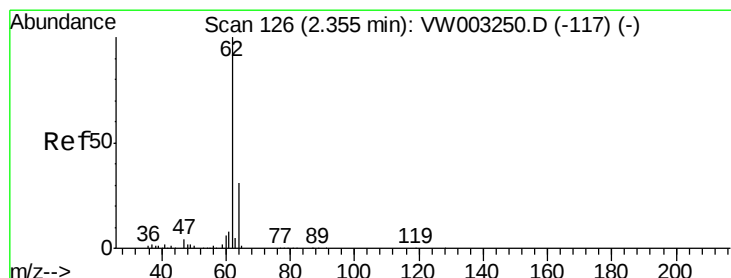
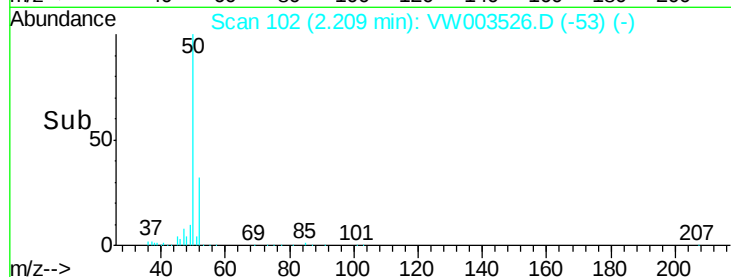
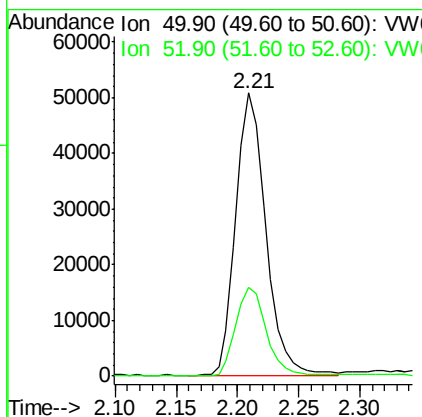
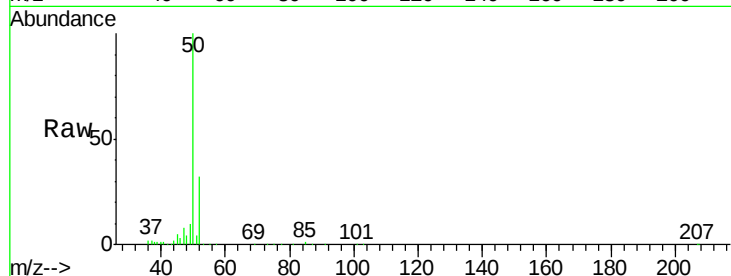
52 31.6 24.2 36.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 47.32 ug/l

RT: 2.36 min Scan# 127

Delta R.T. 0.01 min

Lab File: VW003526.D

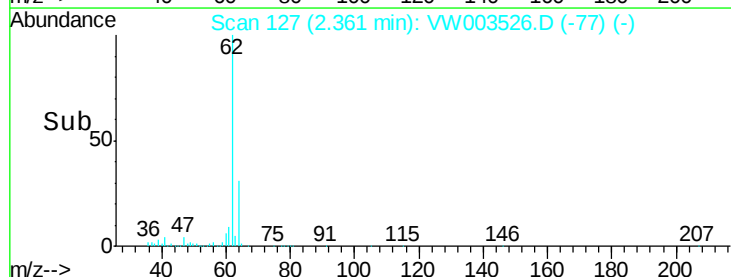
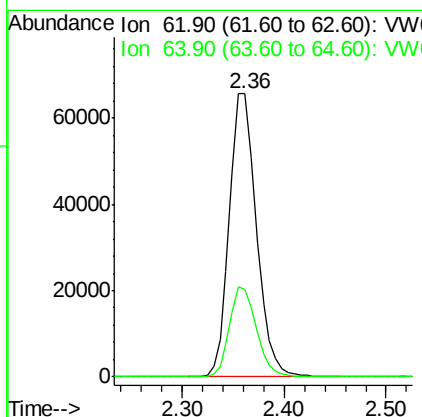
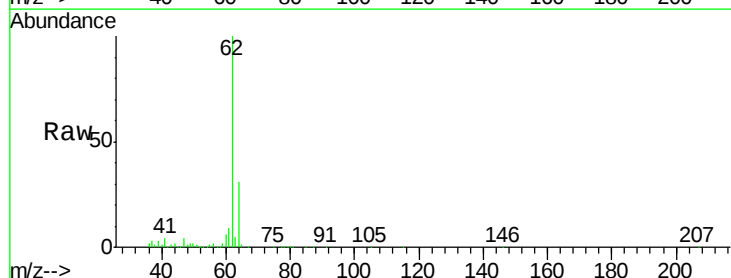
Acq: 24 Jun 2018 21:58

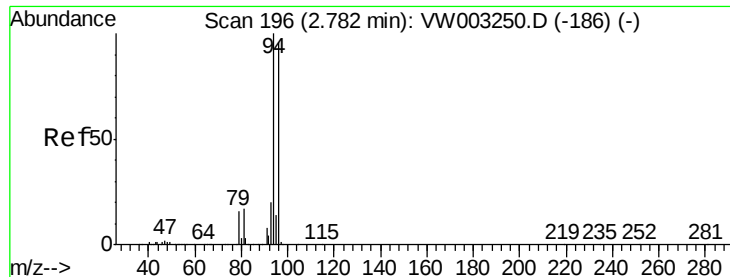
Tgt Ion: 62 Resp: 121164

Ion Ratio Lower Upper

62 100

64 31.1 24.9 37.3





#5

Bromomethane

Concen: 45.24 ug/l

RT: 2.78 min Scan# 196

Delta R.T. -0.00 min

Lab File: VW003526.D

Acq: 24 Jun 2018 21:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 76999

Ion Ratio Lower Upper

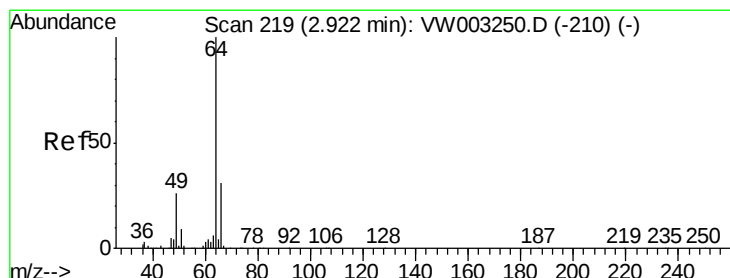
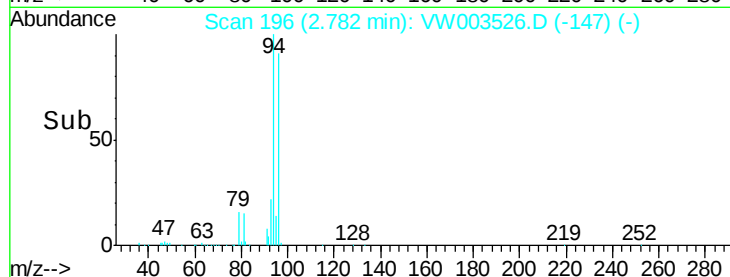
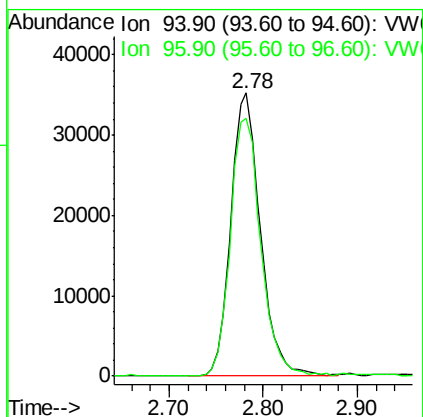
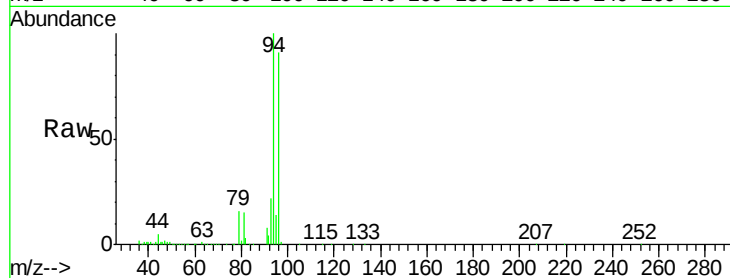
94 100

96 91.2 76.5 114.7

Manual Integrations
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#6

Chloroethane

Concen: 40.74 ug/l

RT: 2.92 min Scan# 219

Delta R.T. -0.00 min

Lab File: VW003526.D

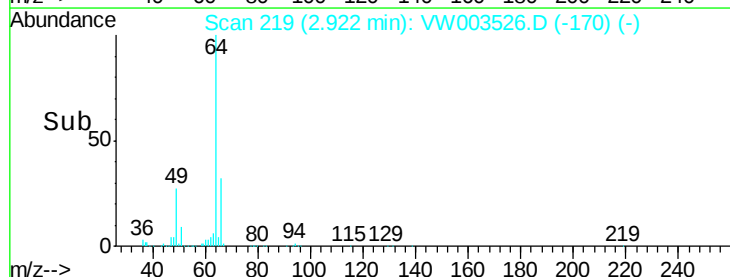
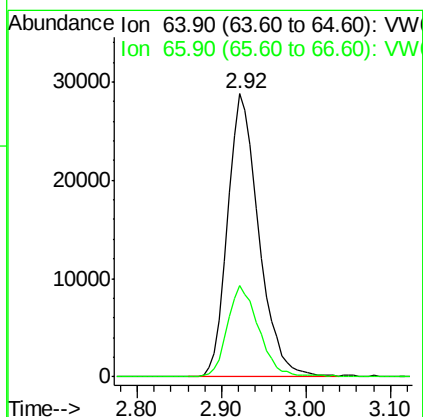
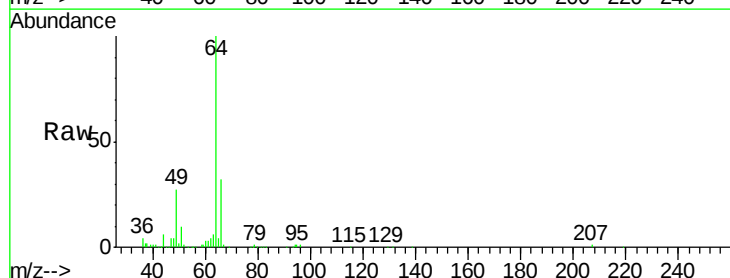
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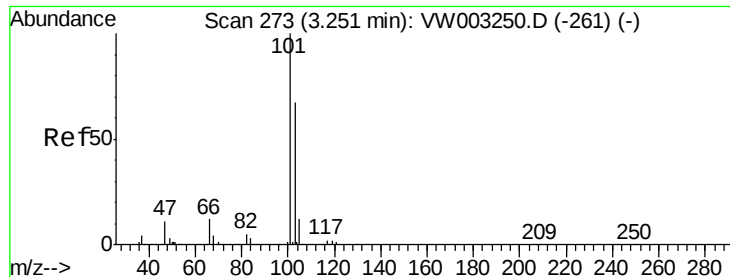
Tgt Ion: 64 Resp: 72614

Ion Ratio Lower Upper

64 100

66 32.5 24.4 36.6





#7

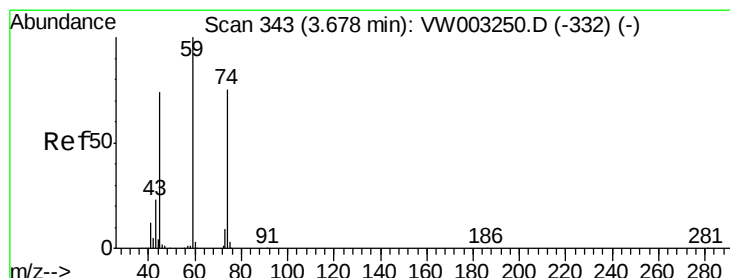
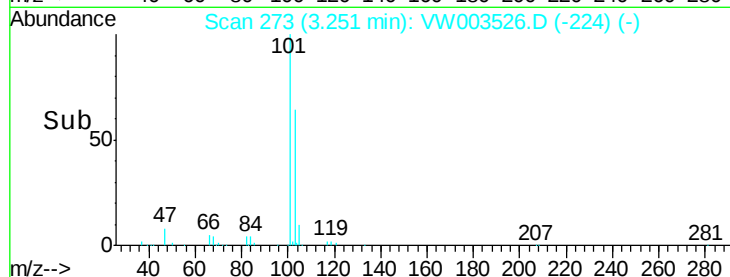
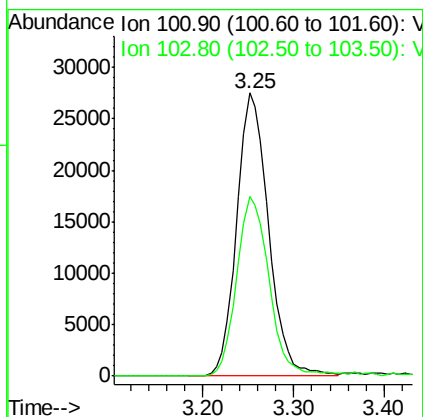
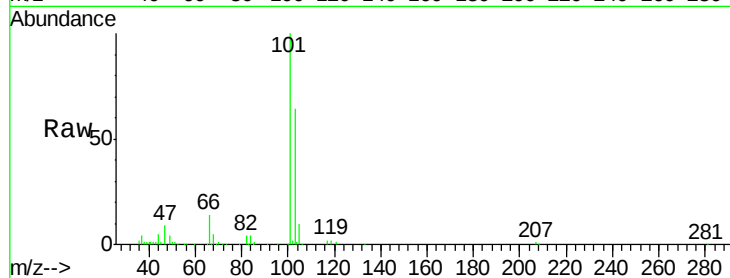
Trichlorofluoromethane
 Concen: 43.76 ug/l
 RT: 3.25 min Scan# 273
 Delta R.T. -0.00 min
 Lab File: VW003526.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.7	53.4	80.0

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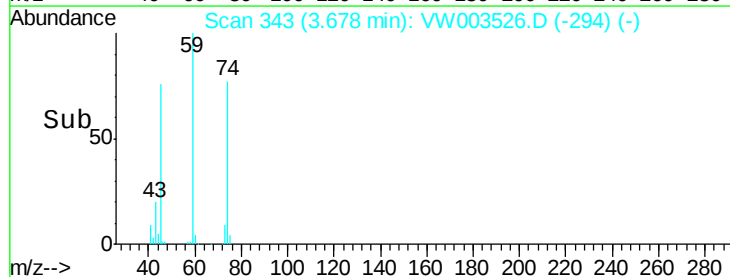
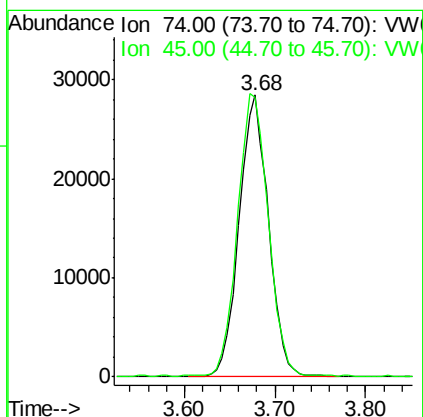
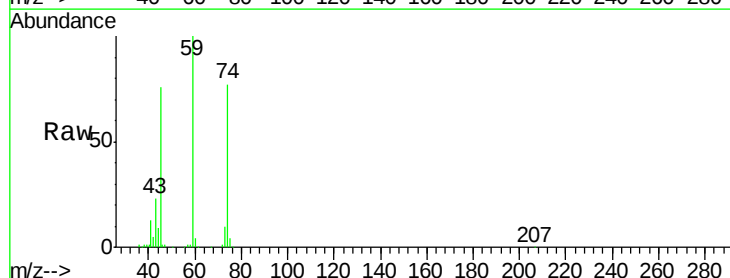
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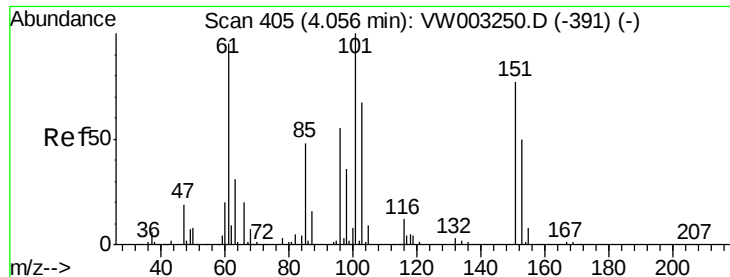


#8

Diethyl Ether
 Concen: 56.58 ug/l
 RT: 3.68 min Scan# 343
 Delta R.T. -0.00 min
 Lab File: VW003526.D
 Acq: 24 Jun 2018 21:58

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.2	51.4	154.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.06 ug/l

RT: 4.06 min Scan# 405

Delta R.T. -0.00 min

Lab File: VW003526.D

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Instrument :

MSVOA_W

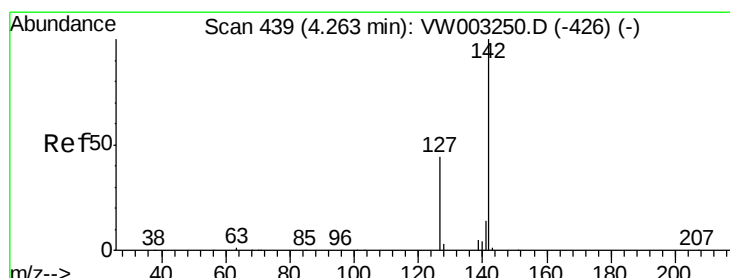
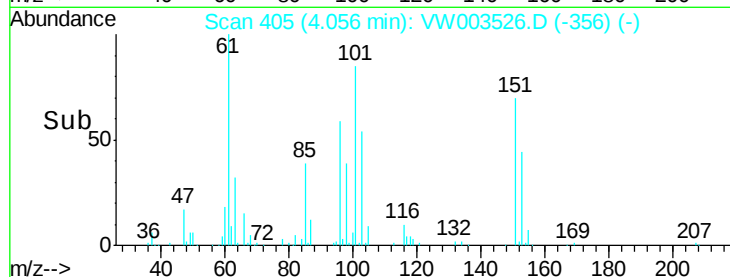
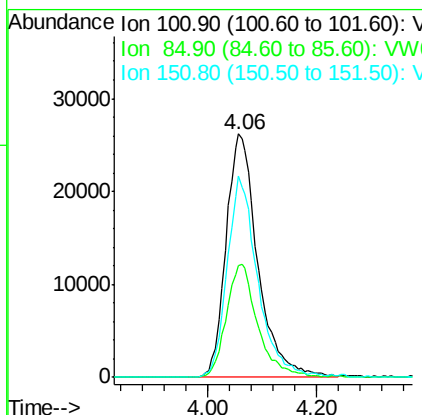
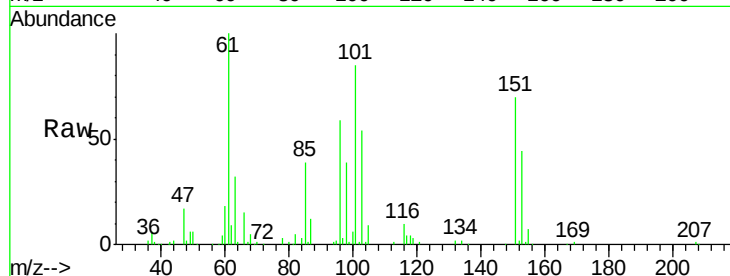
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	106631
Ion Ratio	Lower	Upper	
101	100		
85	45.7	37.0	55.6
151	79.4	63.3	94.9

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#10

Methyl Iodide

Concen: 53.02 ug/l

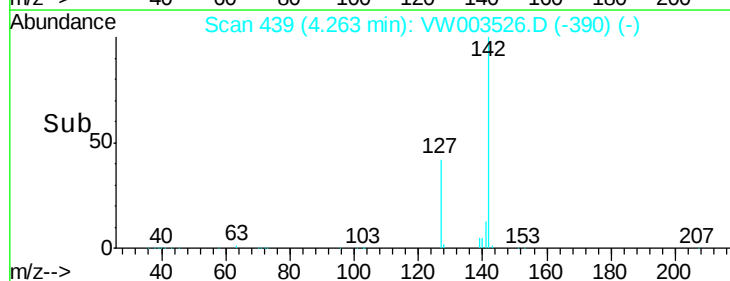
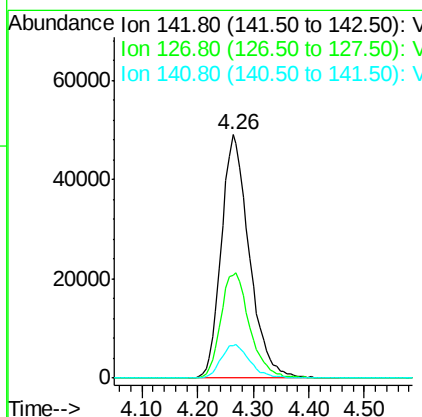
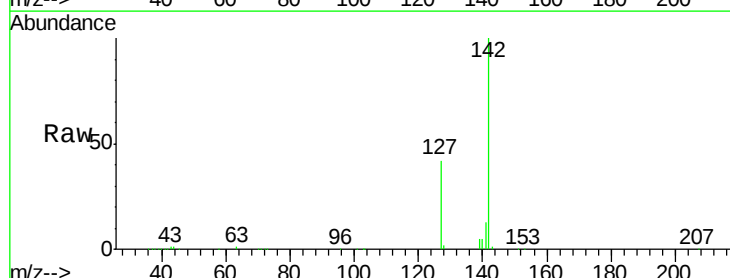
RT: 4.26 min Scan# 439

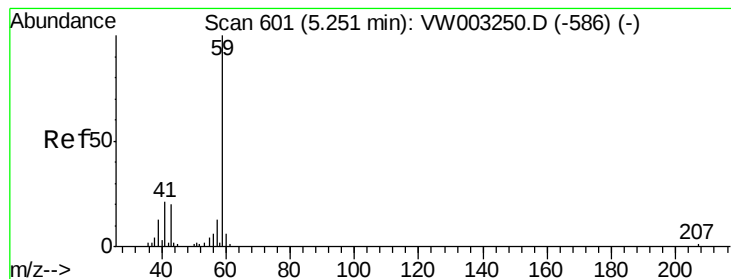
Delta R.T. -0.00 min

Lab File: VW003526.D

Acq: 24 Jun 2018 21:58

Tgt Ion:	142	Resp:	170786
Ion Ratio	Lower	Upper	
142	100		
127	44.5	36.5	54.7
141	14.3	12.1	18.1





#11

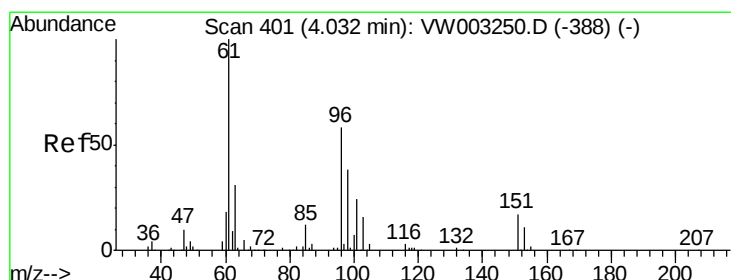
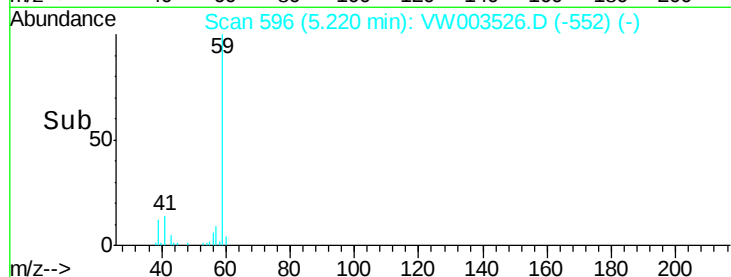
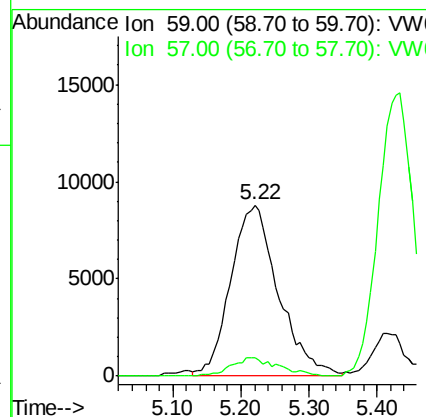
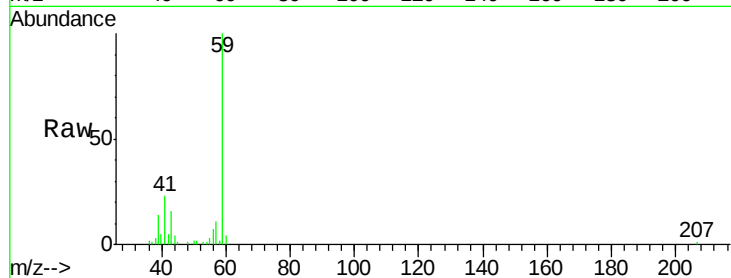
Tert butyl alcohol
Concen: 321.62 ug/l
RT: 5.22 min Scan# 596
Delta R.T. -0.03 min
Lab File: VW003526.D
Acq: 24 Jun 2018 21:58

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	59	Resp	42962
Ion Ratio	100	Lower	Upper
57	10.8	4.2	6.2#

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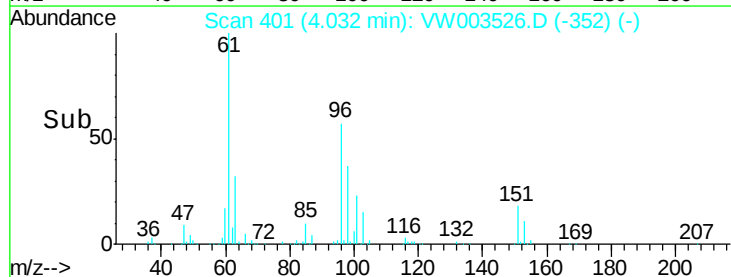
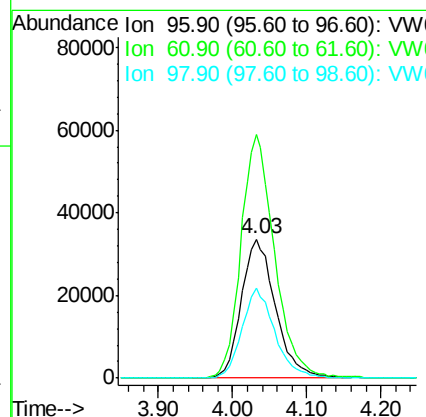
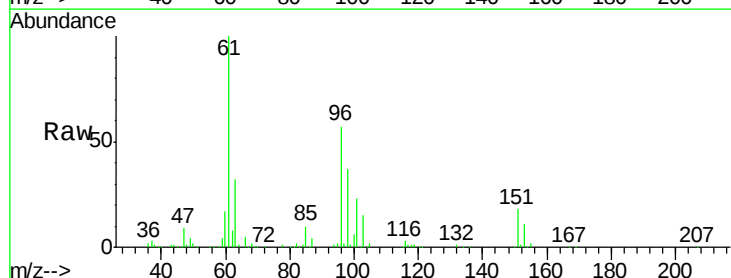
apatel
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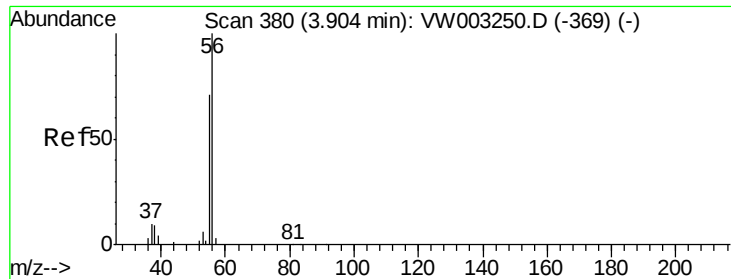


#12

1,1-Dichloroethene
Concen: 51.89 ug/l
RT: 4.03 min Scan# 401
Delta R.T. -0.00 min
Lab File: VW003526.D
Acq: 24 Jun 2018 21:58

Tgt Ion	96	Resp	108016
Ion Ratio	100	Lower	Upper
61	175.0	139.0	208.4
98	64.7	53.3	79.9





#13

Acrolein

Concen: 139.05 ug/l

RT: 3.89 min Scan# 378

Delta R.T. -0.01 min

Lab File: VW003526.D

Acq: 24 Jun 2018 21:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 26556

Ion Ratio Lower Upper

56 100

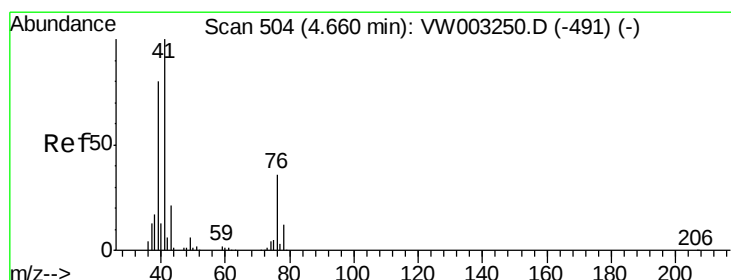
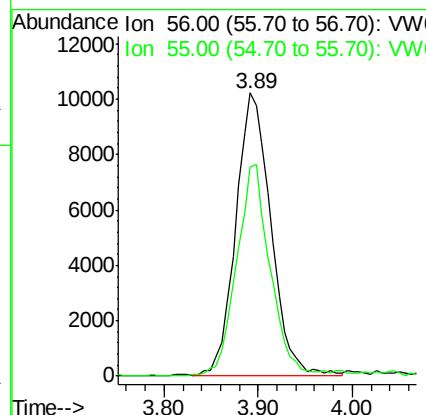
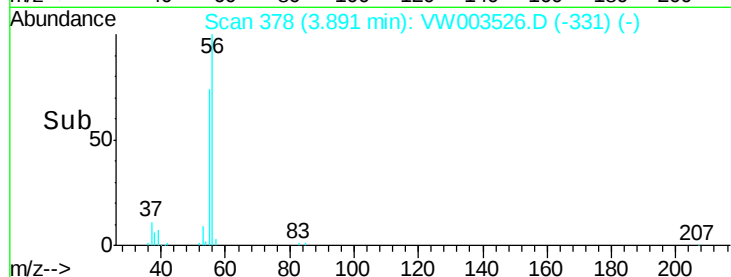
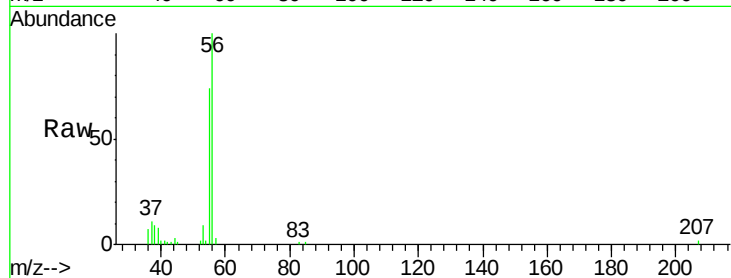
55 71.5 55.4 83.2

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#14

Allyl chloride

Concen: 55.23 ug/l

RT: 4.66 min Scan# 504

Delta R.T. -0.00 min

Lab File: VW003526.D

Acq: 24 Jun 2018 21:58

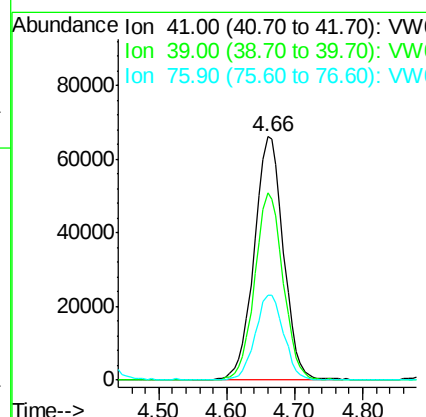
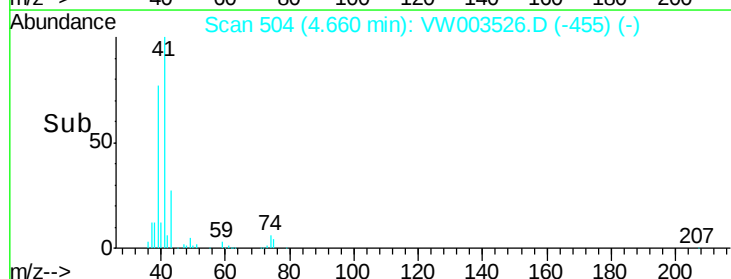
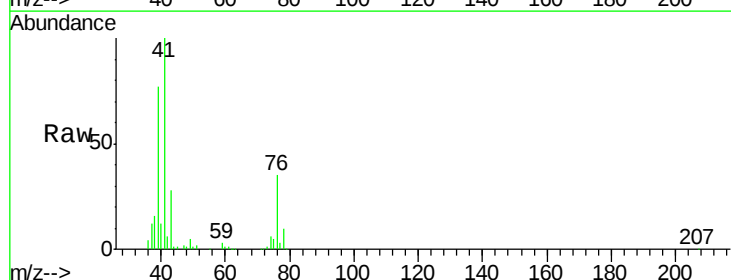
Tgt Ion: 41 Resp: 199143

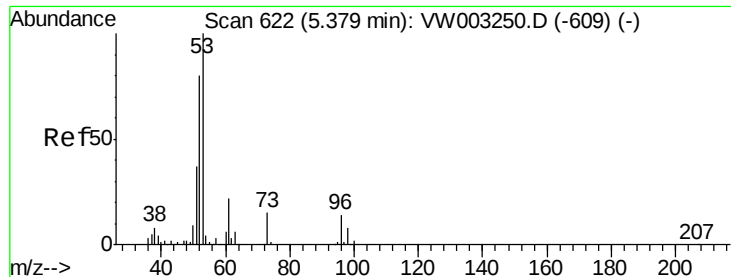
Ion Ratio Lower Upper

41 100

39 74.6 63.2 94.8

76 33.9 28.0 42.0





#15

Acrylonitrile

Concen: 317.33 ug/l

RT: 5.38 min Scan# 622

Delta R.T. -0.00 min

Lab File: VW003526.D

Acq: 24 Jun 2018 21:58

Instrument :

MSVOA_W

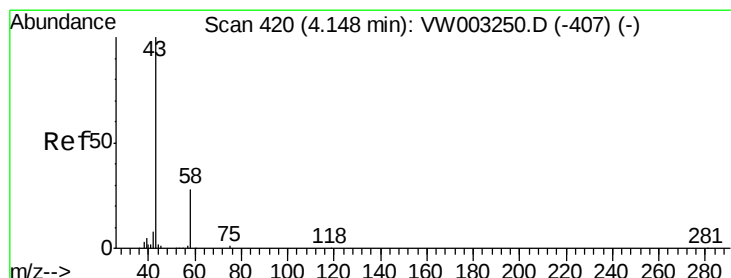
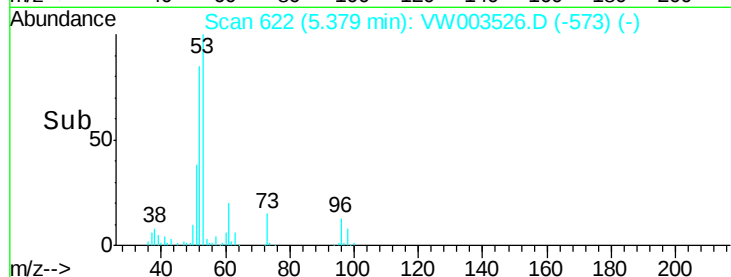
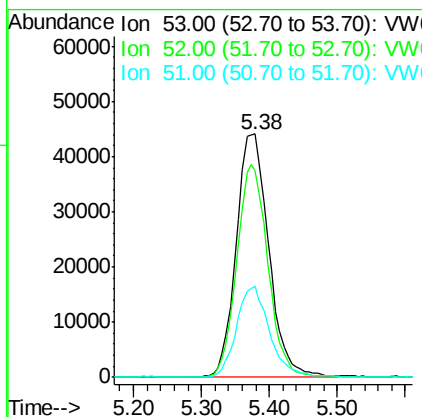
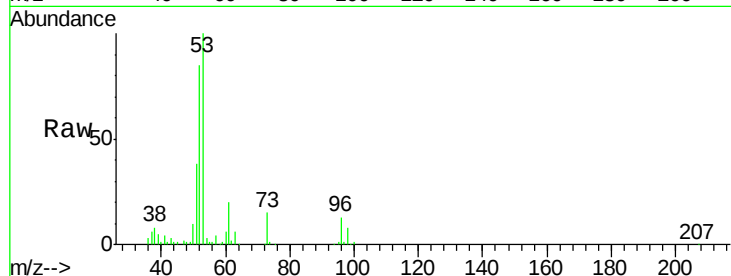
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	147125
Ion Ratio	Lower	Upper	
53	100		
52	83.1	66.6	100.0
51	38.2	30.6	46.0

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#16

Acetone

Concen: 256.46 ug/l

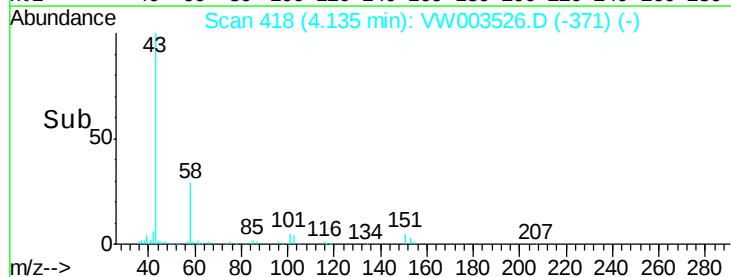
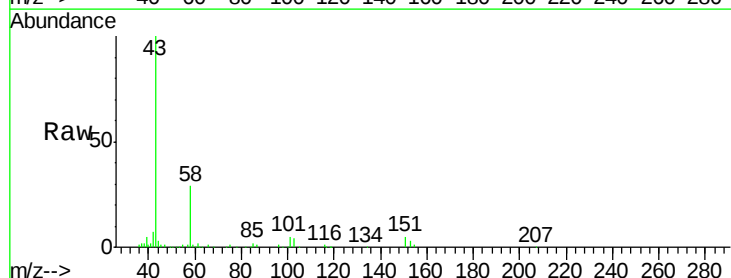
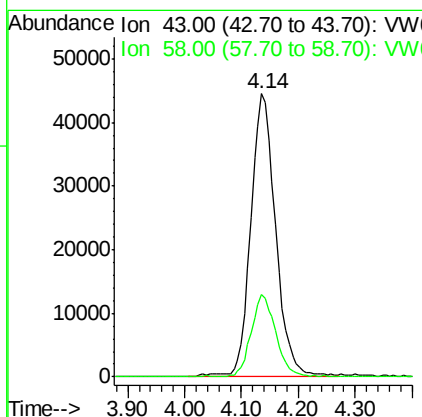
RT: 4.14 min Scan# 418

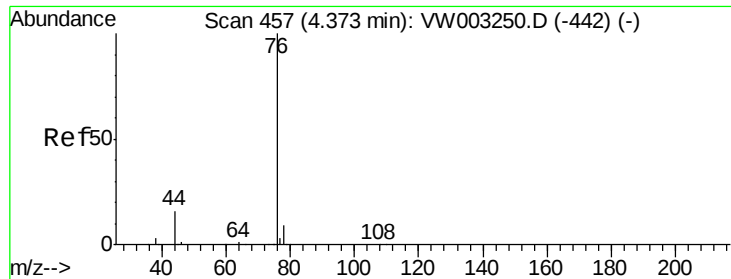
Delta R.T. -0.01 min

Lab File: VW003526.D

Acq: 24 Jun 2018 21:58

Tgt Ion:	43	Resp:	133969
Ion Ratio	Lower	Upper	
43	100		
58	29.0	22.6	34.0





#17

Carbon Disulfide

Concen: 48.88 ug/l

RT: 4.37 min Scan# 457

Delta R.T. -0.00 min

Lab File: VW003526.D

Acq: 24 Jun 2018 21:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 300780

Ion Ratio Lower Upper

76 100

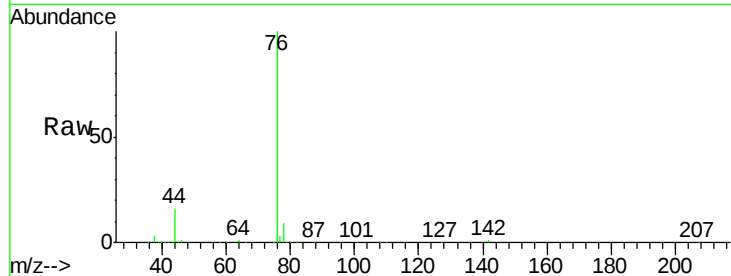
78 9.2 7.1 10.7

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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.37

100000

80000

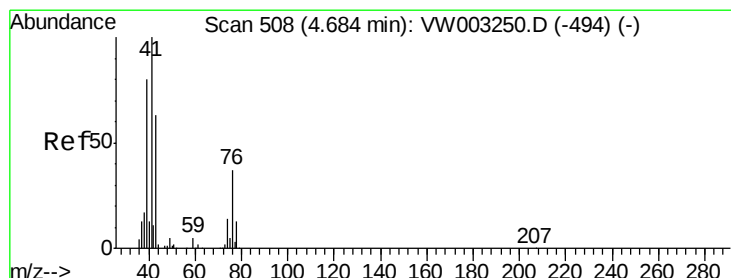
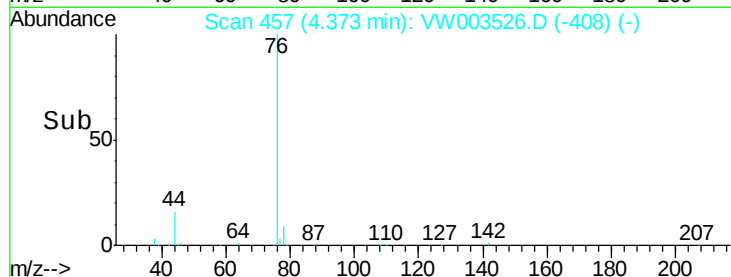
60000

40000

20000

0

Time--> 4.20 4.30 4.40 4.50



#18

Methyl Acetate

Concen: 64.11 ug/l

RT: 4.67 min Scan# 506

Delta R.T. -0.01 min

Lab File: VW003526.D

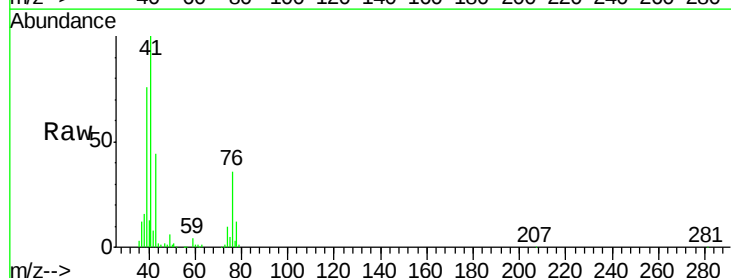
Acq: 24 Jun 2018 21:58

Tgt Ion: 43 Resp: 79443

Ion Ratio Lower Upper

43 100

74 22.5 18.7 28.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.67

30000

25000

20000

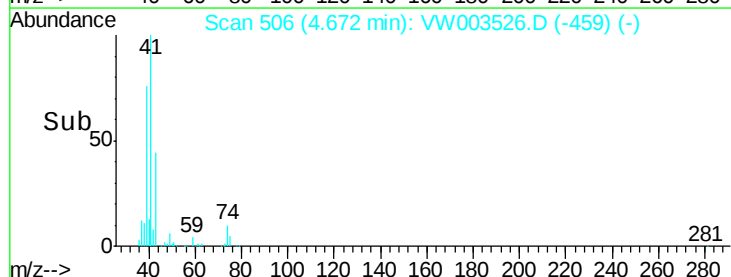
15000

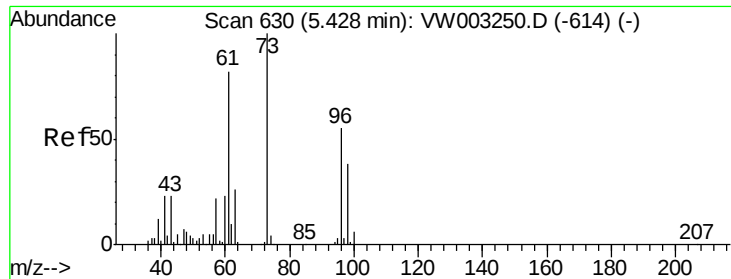
10000

5000

0

Time--> 4.50 4.60 4.70 4.80





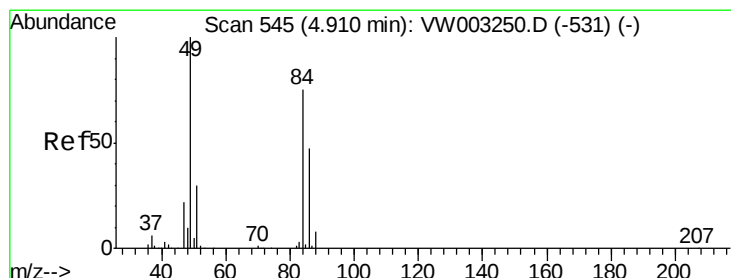
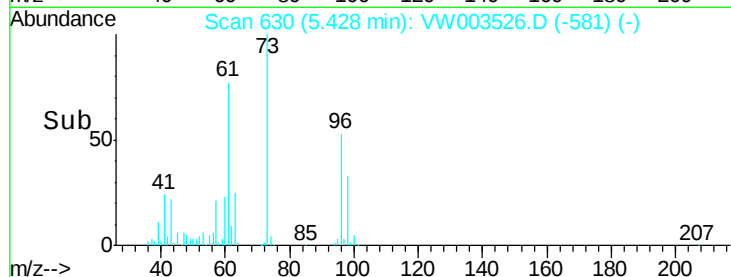
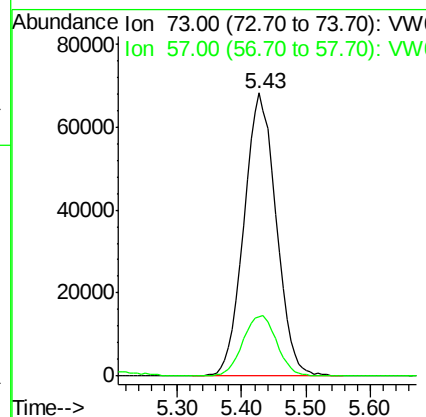
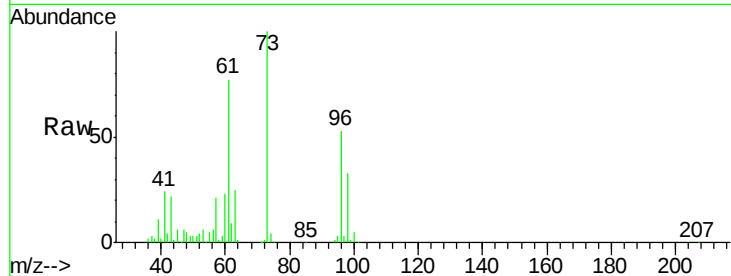
#19
Methvl tert-butvl Ether
Concen: 60.32 ug/l
RT: 5.43 min Scan# 630
Delta R.T. -0.00 min
Lab File: VW003526.D
Acq: 24 Jun 2018 21:58

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 235190
Ion Ratio Lower Upper
73 100
57 21.2 18.0 27.0

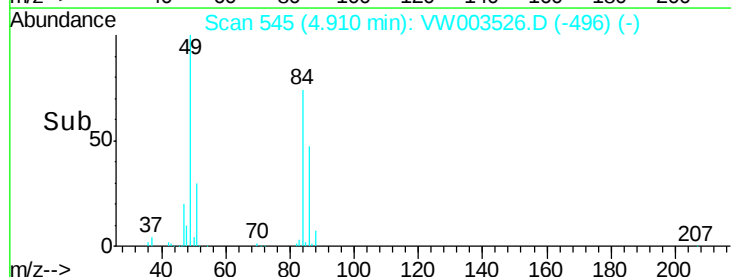
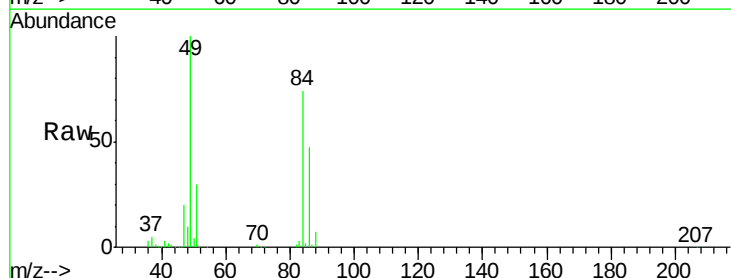
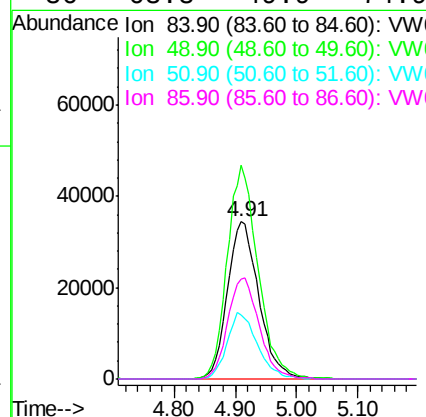
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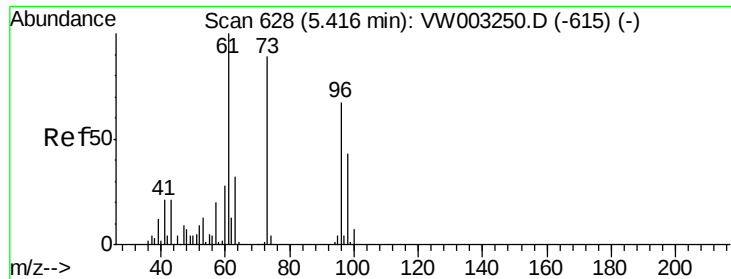
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#20
Methylene Chloride
Concen: 55.47 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003526.D
Acq: 24 Jun 2018 21:58

Tgt Ion: 84 Resp: 122206
Ion Ratio Lower Upper
84 100
49 135.8 106.3 159.5
51 41.1 32.0 48.0
86 63.8 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 53.06 ug/l

RT: 5.42 min Scan# 629

Delta R.T. 0.01 min

Lab File: VW003526.D

Acq: 24 Jun 2018 21:58

Instrument :

MSVOA_W

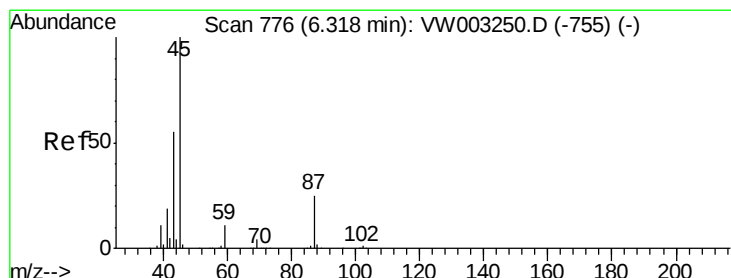
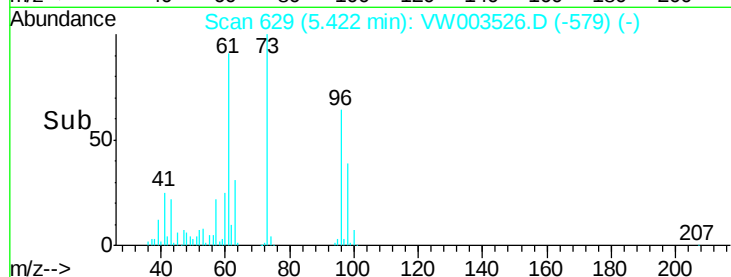
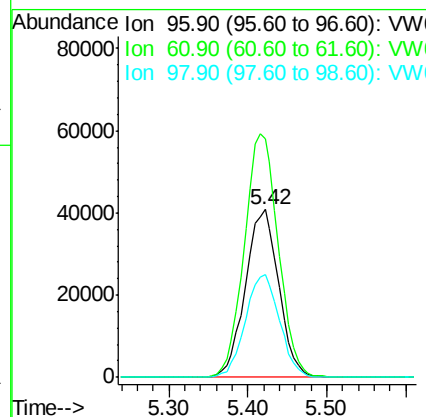
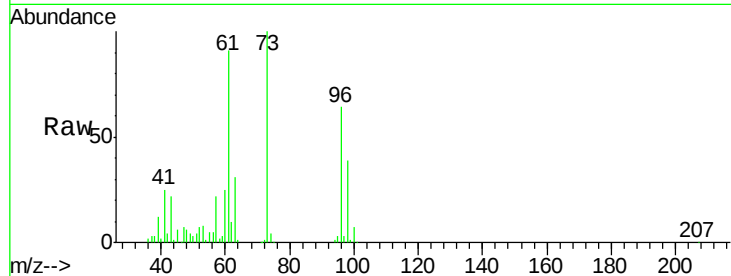
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	120211
Ion	Ratio	Lower	Upper
96	100		
61	142.4	118.7	178.1
98	61.4	51.0	76.6

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#22

Diisopropyl ether

Concen: 58.91 ug/l

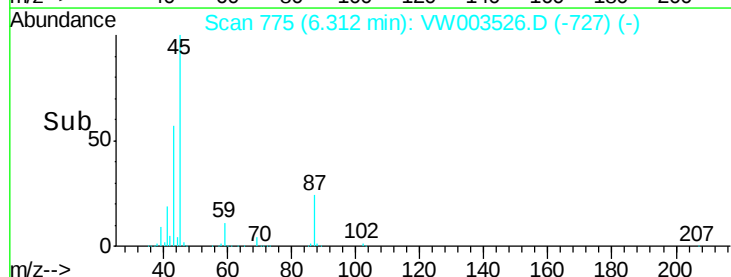
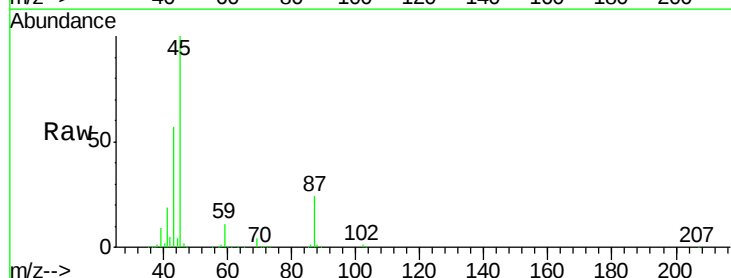
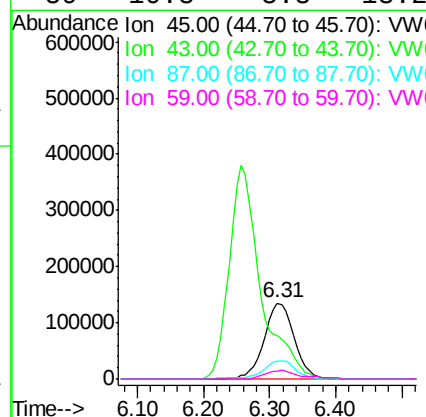
RT: 6.31 min Scan# 775

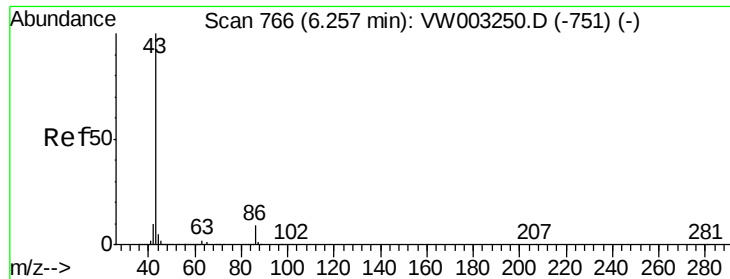
Delta R.T. -0.01 min

Lab File: VW003526.D

Acq: 24 Jun 2018 21:58

Tgt Ion:	45	Resp:	427532
Ion	Ratio	Lower	Upper
45	100		
43	57.2	44.0	66.0
87	24.2	20.6	31.0
59	10.8	8.8	13.2





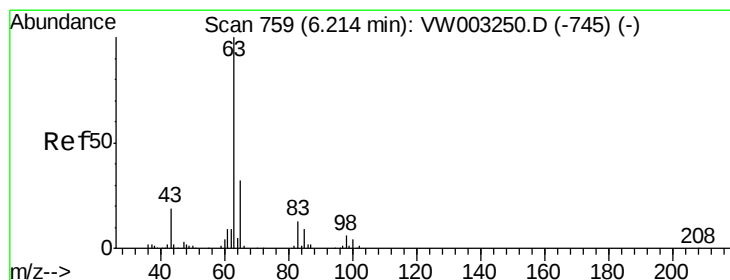
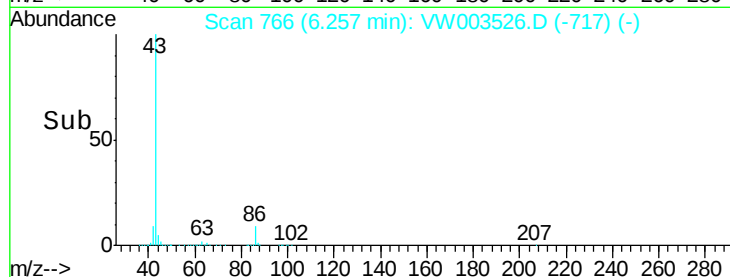
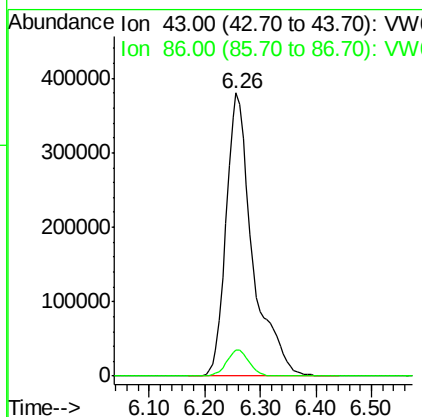
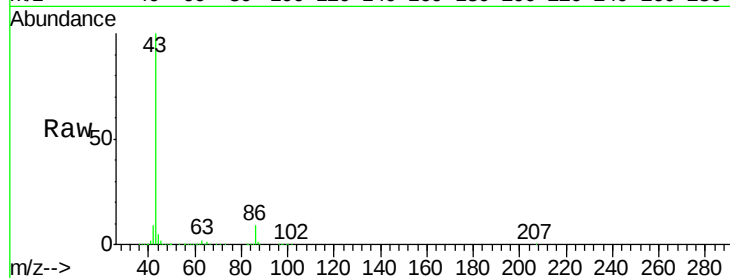
#23
 Vinyl Acetate
 Concen: 299.73 ug/l
 RT: 6.26 min Scan# 766
 Delta R.T. -0.00 min
 Lab File: VW003526.D
 Acq: 24 Jun 2018 21:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 1253436
 Ion Ratio Lower Upper
 43 100
 86 9.0 7.5 11.3

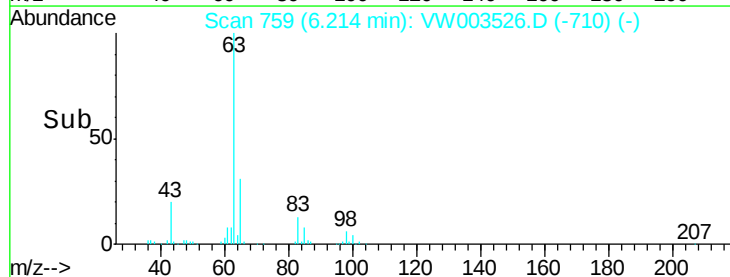
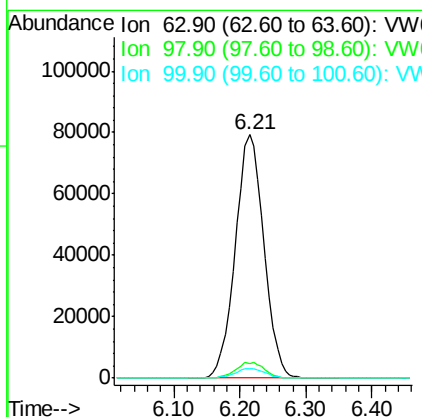
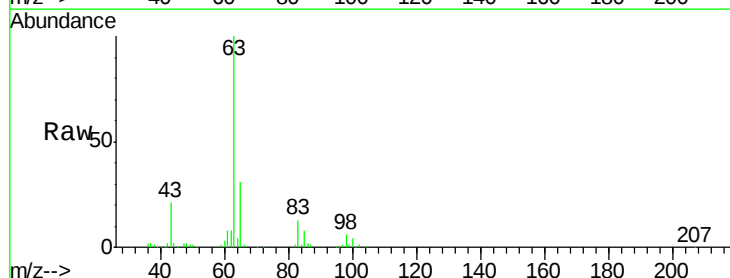
Manual Integrations
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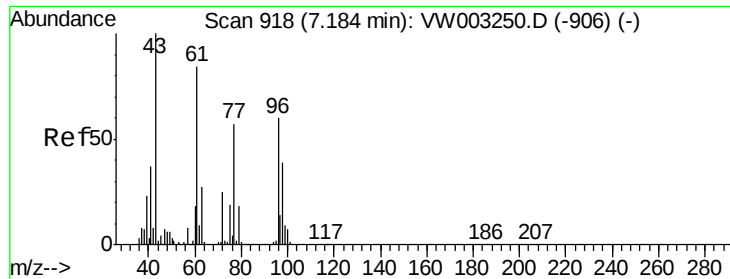
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#24
 1,1-Dichloroethane
 Concen: 55.02 ug/l
 RT: 6.21 min Scan# 759
 Delta R.T. -0.00 min
 Lab File: VW003526.D
 Acq: 24 Jun 2018 21:58

Tgt Ion: 63 Resp: 237037
 Ion Ratio Lower Upper
 63 100
 98 6.1 2.8 8.3
 100 3.7 2.1 6.5





#25

2-Butanone

Concen: 306.63 ug/l

RT: 7.18 min Scan# 917

Delta R.T. -0.01 min

Lab File: VW003526.D

Acq: 24 Jun 2018 21:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 199173

Ion Ratio Lower Upper

43 100

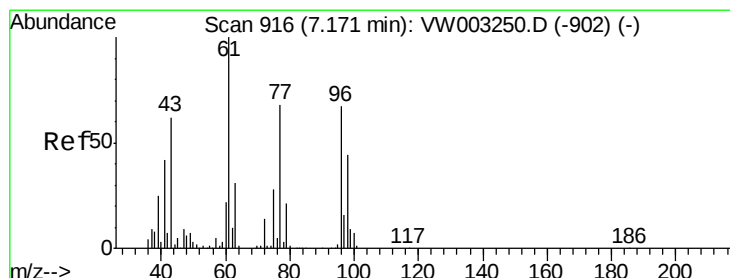
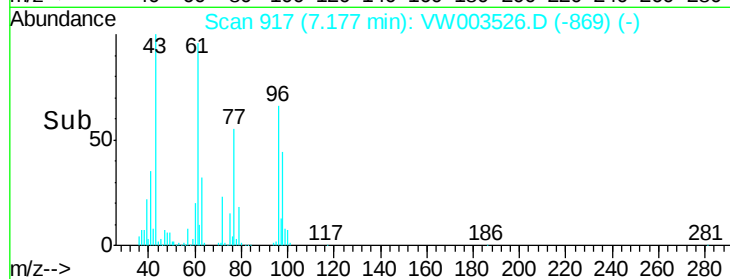
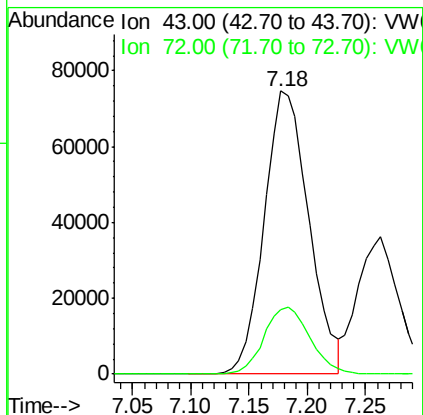
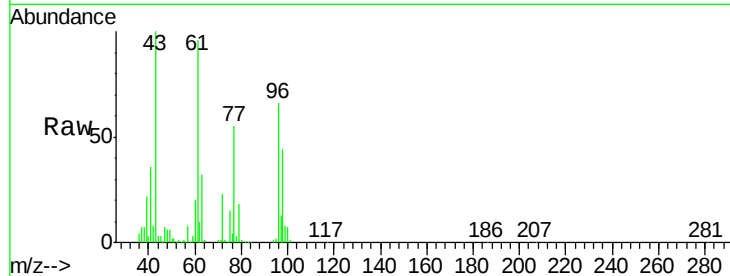
72 22.7 20.3 30.5

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#26

2,2-Dichloropropane

Concen: 46.06 ug/l

RT: 7.17 min Scan# 916

Delta R.T. -0.00 min

Lab File: VW003526.D

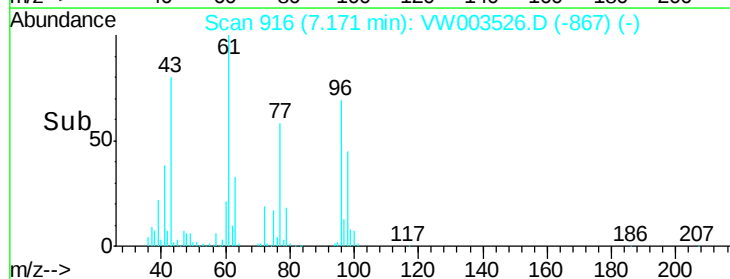
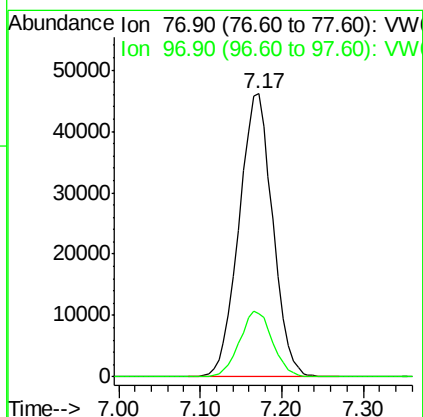
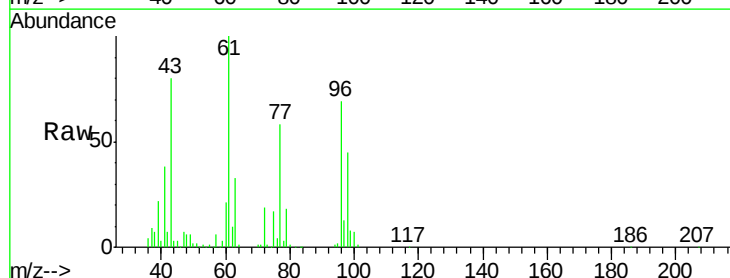
Acq: 24 Jun 2018 21:58

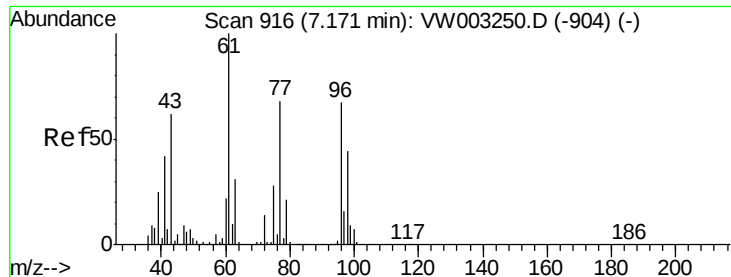
Tgt Ion: 77 Resp: 132438

Ion Ratio Lower Upper

77 100

97 22.8 11.3 33.9





#27

cis-1,2-Dichloroethene

Concen: 57.02 ug/l

RT: 7.17 min Scan# 916

Delta R.T. -0.00 min

Lab File: VW003526.D

Acq: 24 Jun 2018 21:58

Instrument :

MSVOA_W

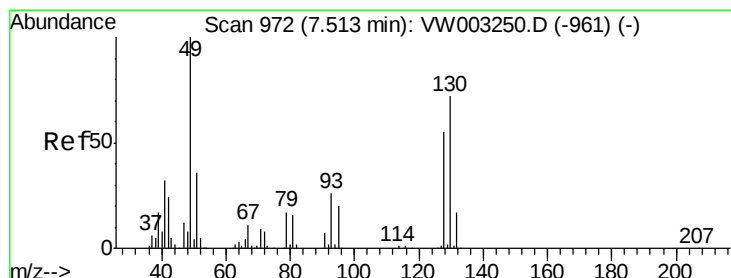
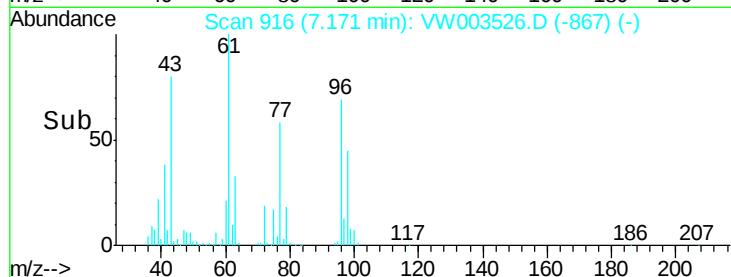
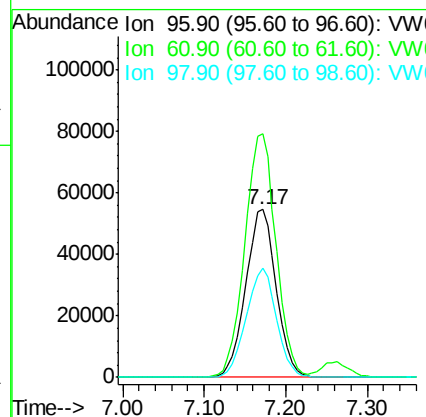
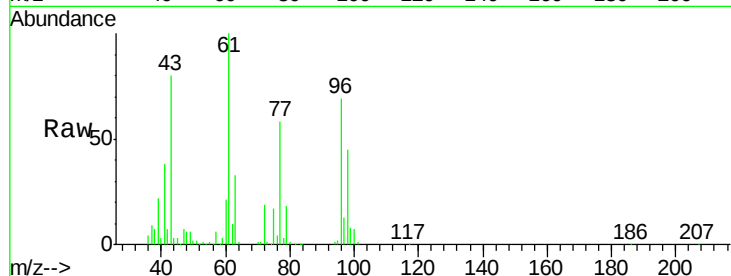
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	141904
Ion	Ratio	Lower	Upper
96	100		
61	148.1	0.0	298.8
98	64.5	0.0	130.4

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#28

Bromochloromethane

Concen: 63.01 ug/l

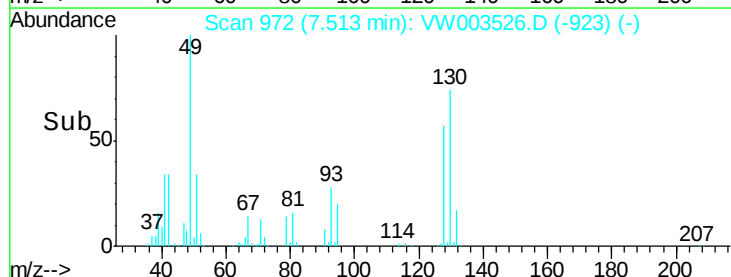
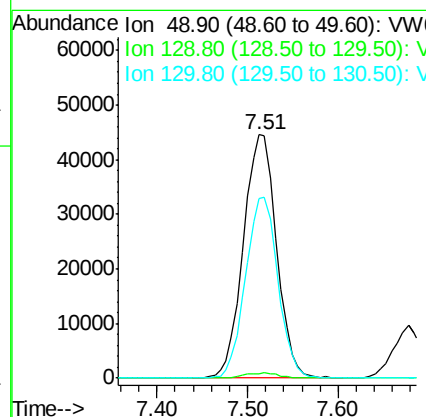
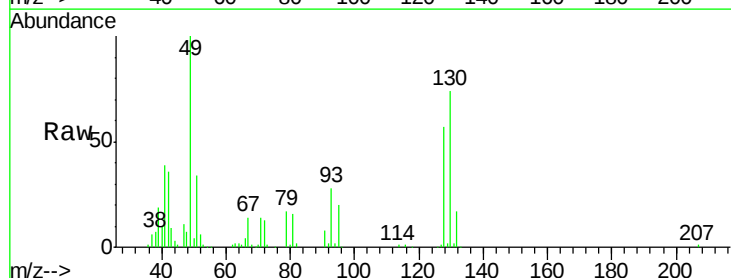
RT: 7.51 min Scan# 972

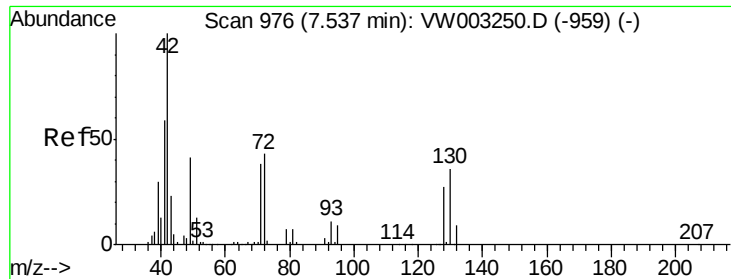
Delta R.T. -0.00 min

Lab File: VW003526.D

Acq: 24 Jun 2018 21:58

Tgt Ion:	49	Resp:	112967
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.6
130	72.7	59.4	89.2





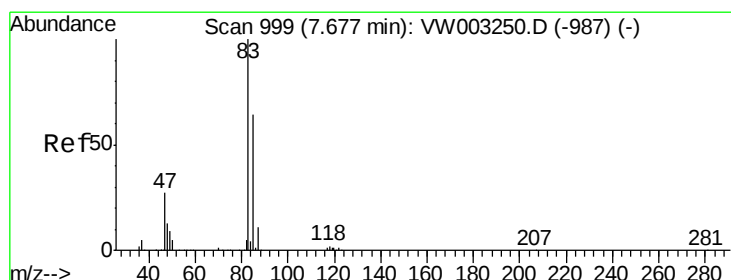
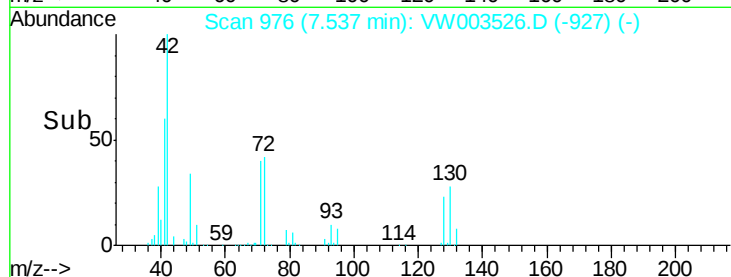
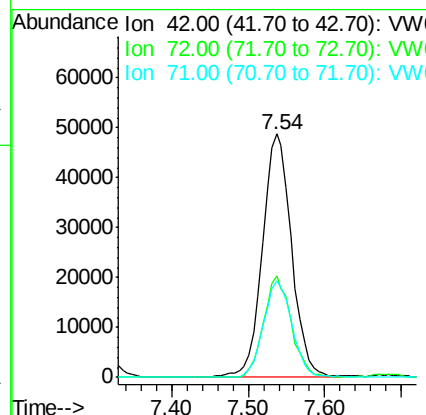
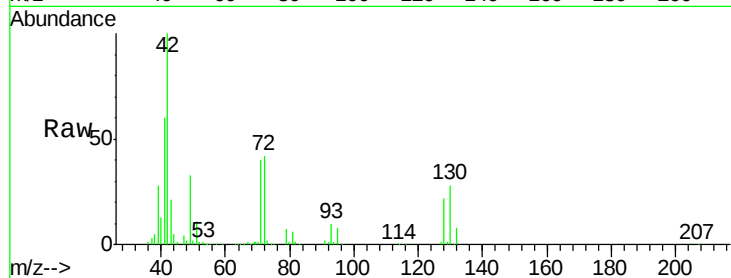
#29
Tetrahydrofuran
Concen: 326.15 ug/l
RT: 7.54 min Scan# 976
Delta R.T. -0.00 min
Lab File: VW003526.D
Acq: 24 Jun 2018 21:58

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.5	32.4	48.6
71	38.8	31.2	46.8

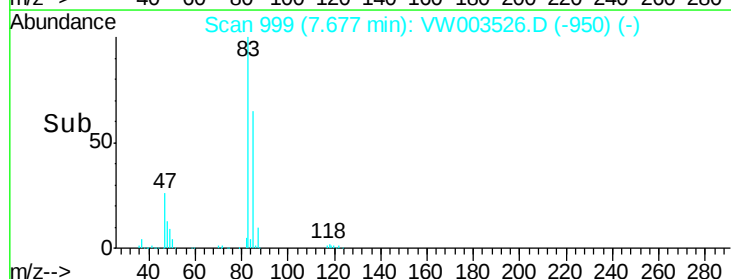
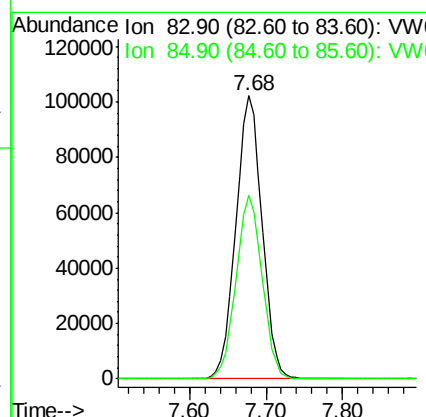
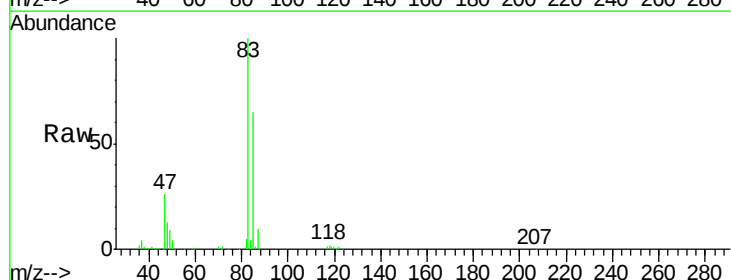
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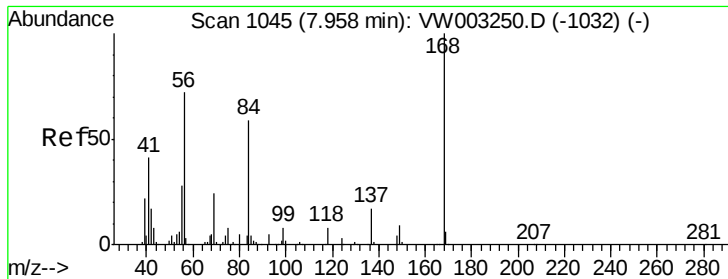
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#30
Chloroform
Concen: 55.05 ug/l
RT: 7.68 min Scan# 999
Delta R.T. -0.00 min
Lab File: VW003526.D
Acq: 24 Jun 2018 21:58

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.9	51.3	76.9





#31

Cyclohexane

Concen: 48.95 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.00 min

Lab File: VW003526.D

Acq: 24 Jun 2018 21:58

Instrument :

MSVOA_W

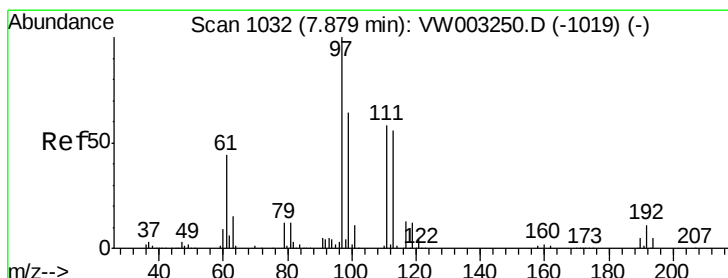
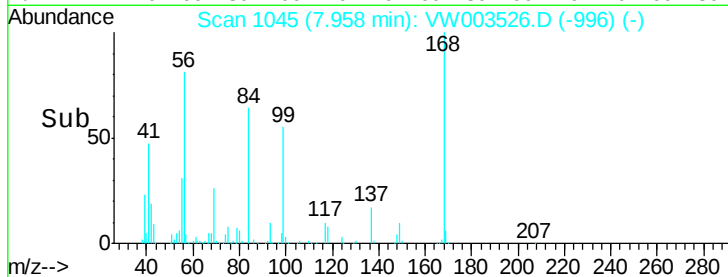
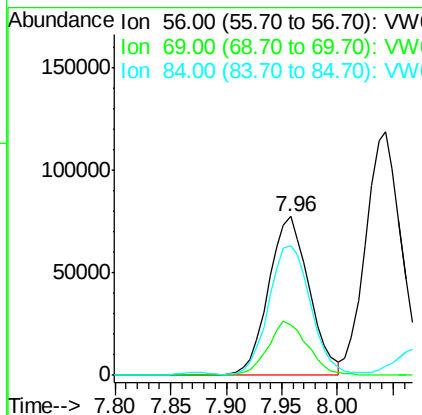
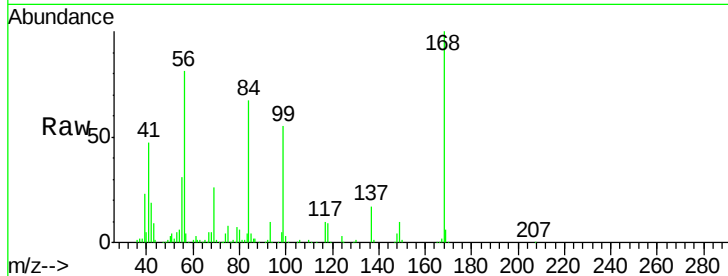
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	197009
Ion	Ratio	Lower	Upper
56	100		
69	31.7	26.3	39.5
84	80.4	65.7	98.5

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#32

1,1,1-Trichloroethane

Concen: 51.56 ug/l

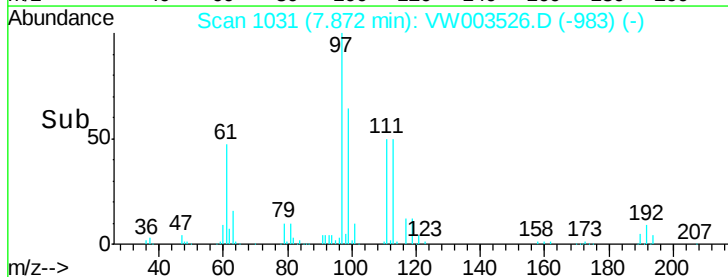
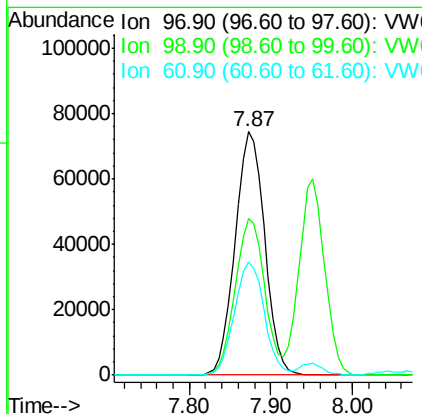
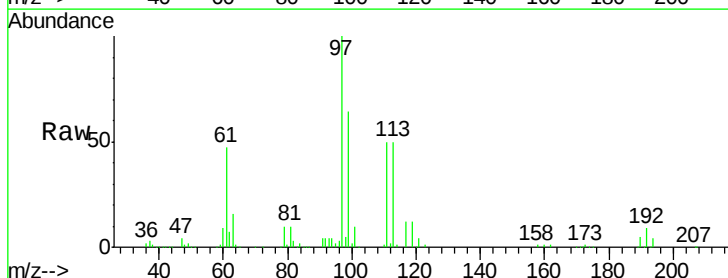
RT: 7.87 min Scan# 1031

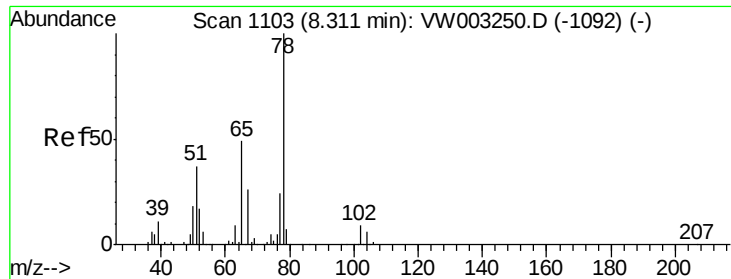
Delta R.T. -0.01 min

Lab File: VW003526.D

Acq: 24 Jun 2018 21:58

Tgt Ion:	97	Resp:	186787
Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.7	77.5
61	46.6	37.6	56.4





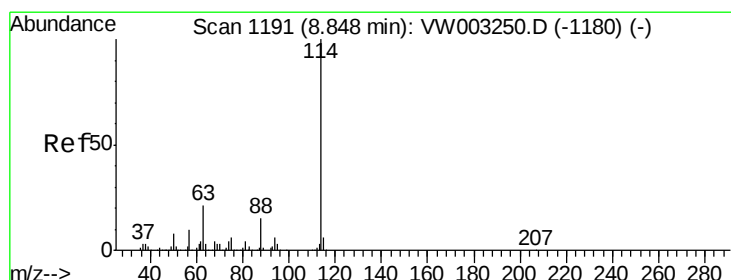
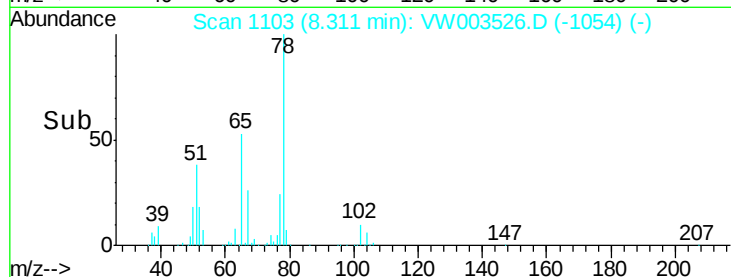
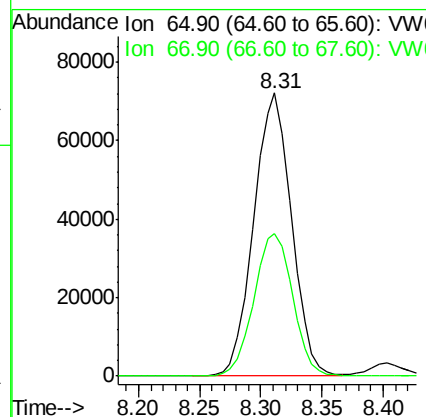
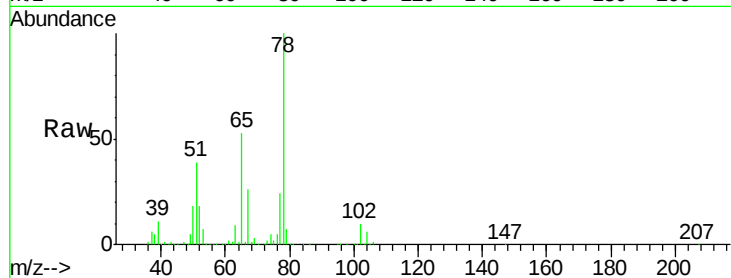
#33
 1,2-Dichloroethane-d4
 Concen: 62.17 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW003526.D
 Acq: 24 Jun 2018 21:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	154844		
67	51.9	0.0	104.2	

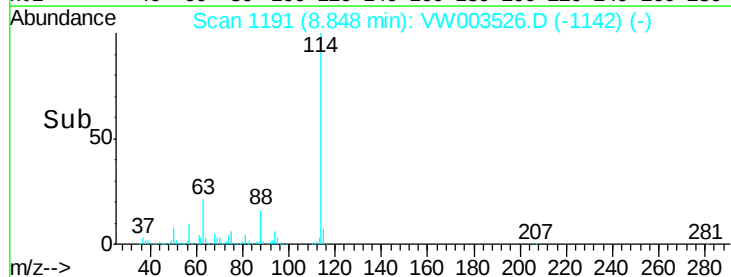
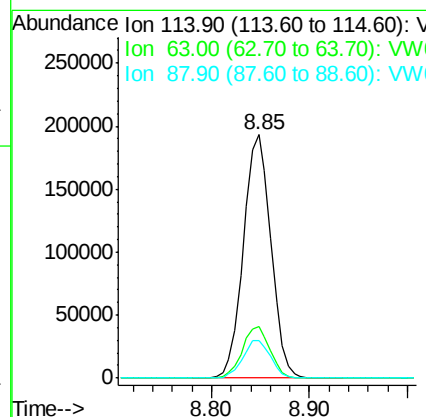
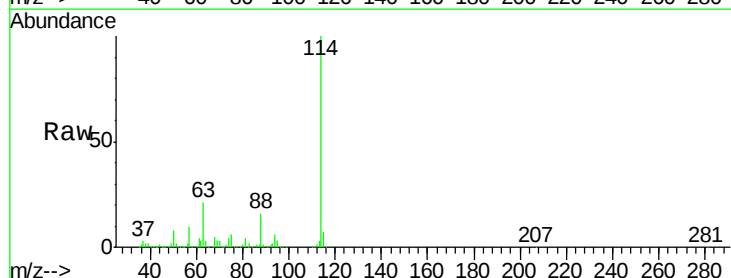
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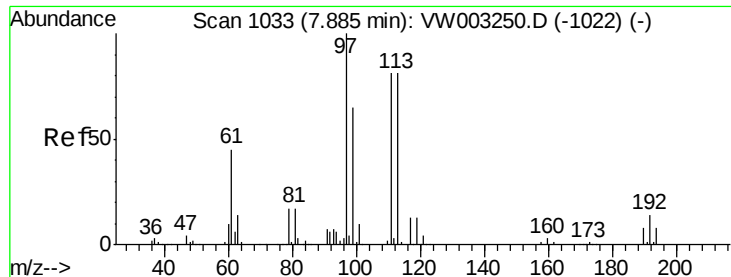
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW003526.D
 Acq: 24 Jun 2018 21:58

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	376053		
63	21.3	0.0	43.0	
88	15.7	0.0	29.6	





#35

Dibromofluoromethane

Concen: 58.15 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VW003526.D

Acq: 24 Jun 2018 21:58

Instrument :

MSVOA_W

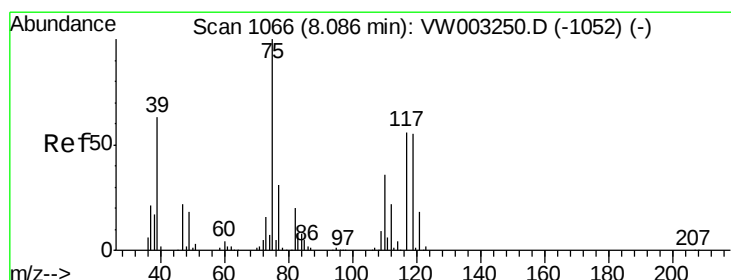
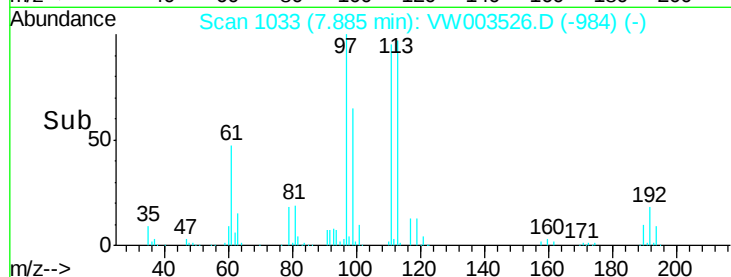
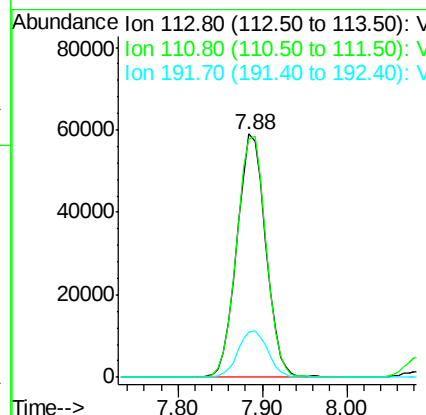
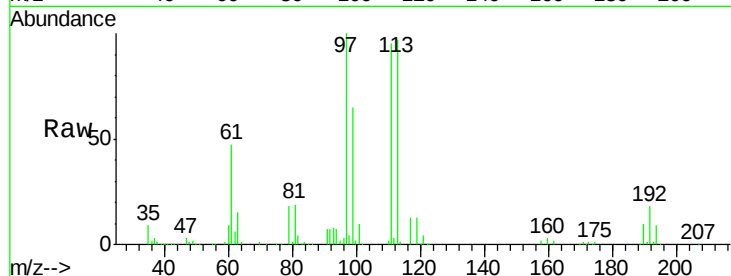
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	135869
Ion Ratio	Lower	Upper	
113	100		
111	101.0	82.2	123.2
192	19.6	16.2	24.2

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#36

1,1-Dichloropropene

Concen: 50.23 ug/l

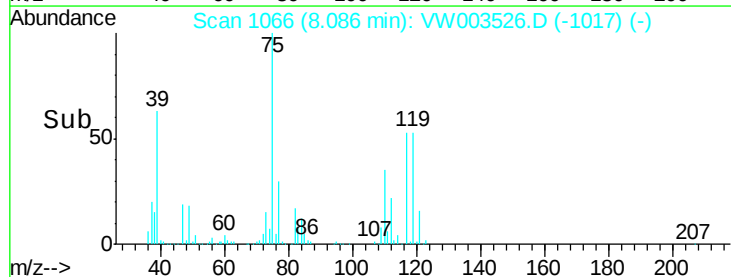
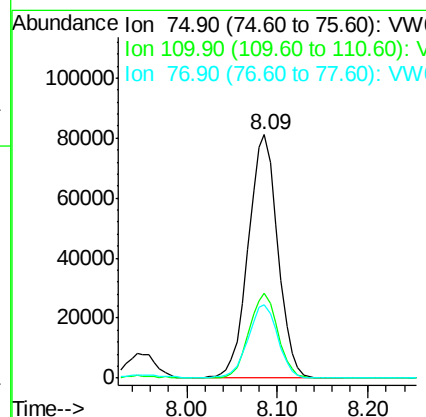
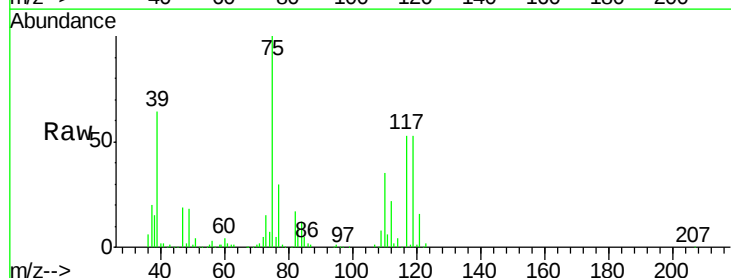
RT: 8.09 min Scan# 1066

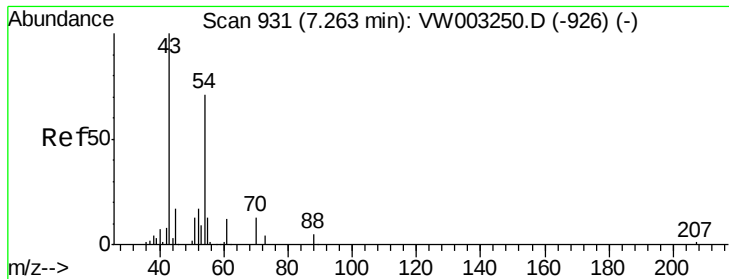
Delta R.T. -0.00 min

Lab File: VW003526.D

Acq: 24 Jun 2018 21:58

Tgt Ion:	75	Resp:	182412
Ion Ratio	Lower	Upper	
75	100		
110	33.9	17.1	51.3
77	30.6	24.9	37.3





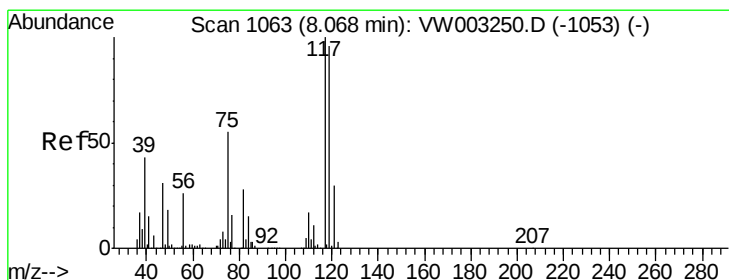
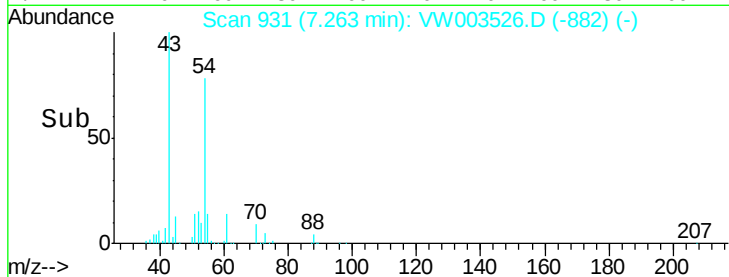
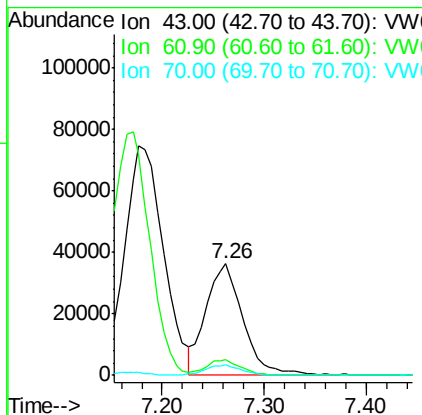
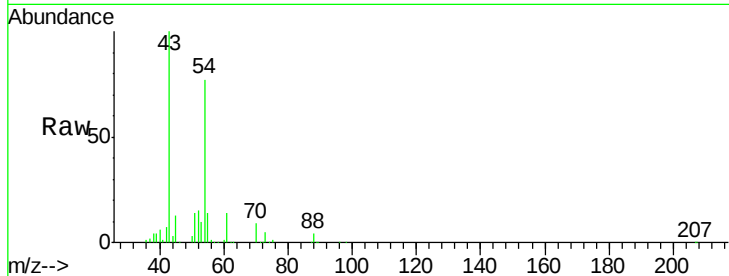
#37
Ethyl Acetate
Concen: 60.49 ug/l
RT: 7.26 min Scan# 931
Delta R.T. -0.00 min
Lab File: VW003526.D
Acq: 24 Jun 2018 21:58

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.5	10.8	16.2
70	9.4	7.8	11.6

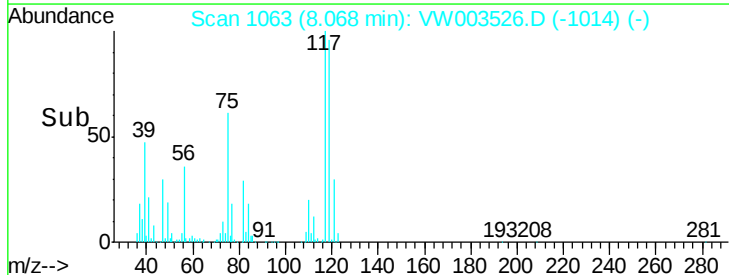
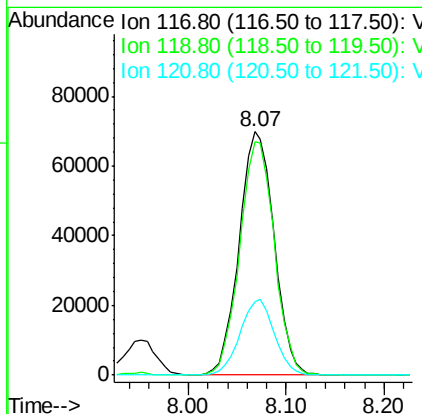
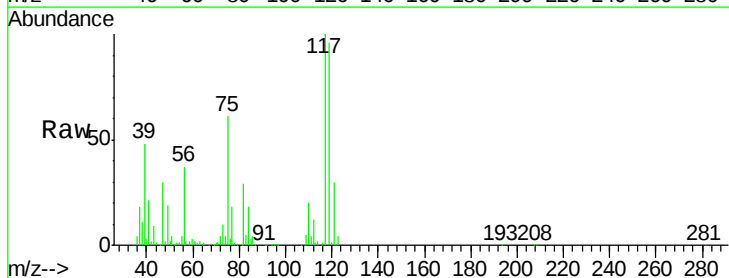
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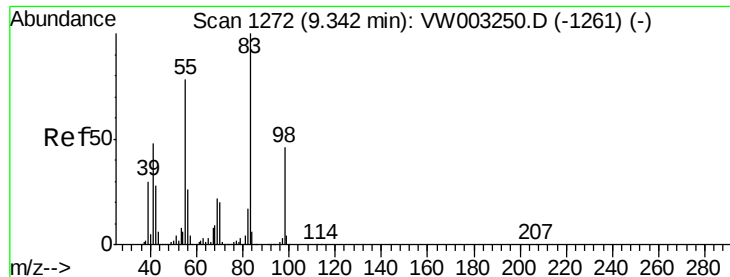
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#38
Carbon Tetrachloride
Concen: 48.51 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VW003526.D
Acq: 24 Jun 2018 21:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.6	76.6	115.0
121	30.3	23.9	35.9





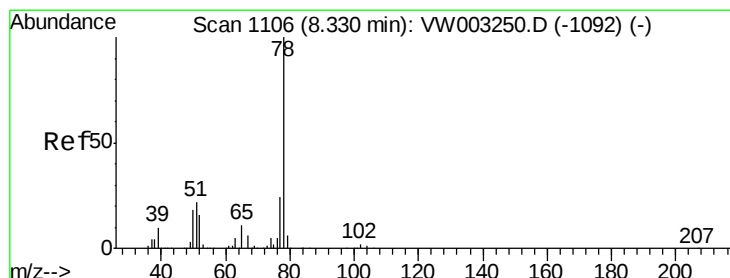
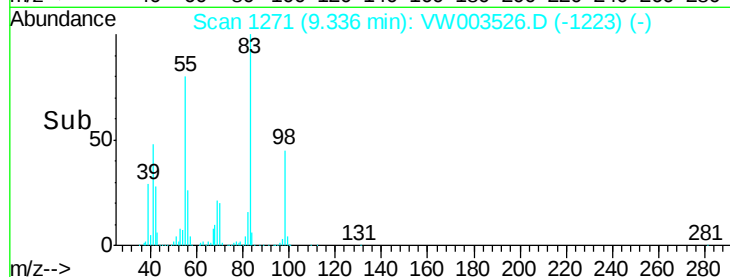
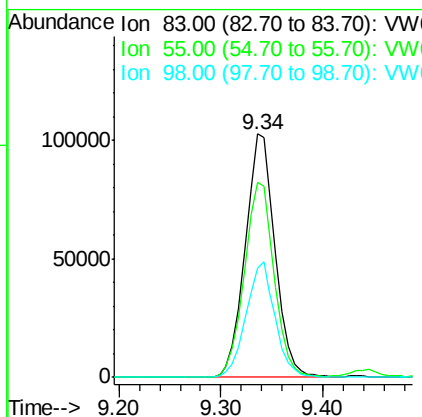
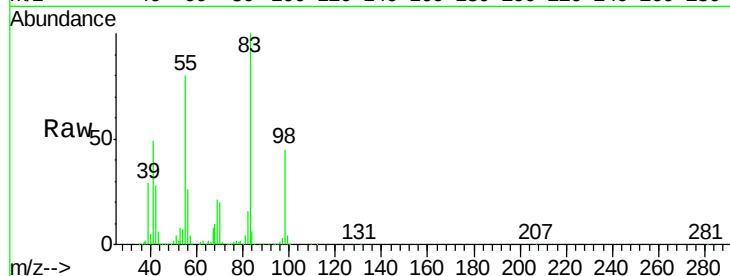
#39
Methvlcvclohexane
Concen: 49.73 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.01 min
Lab File: VW003526.D
Acq: 24 Jun 2018 21:58

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.9	62.6	93.8
98	44.8	37.0	55.4

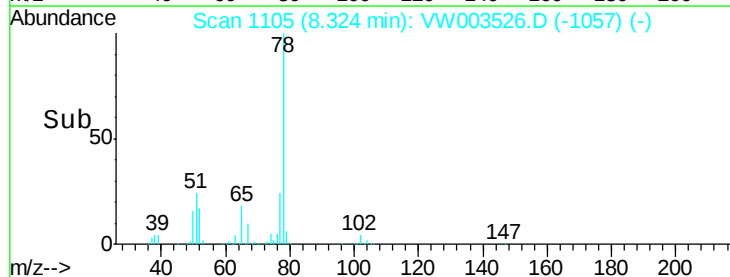
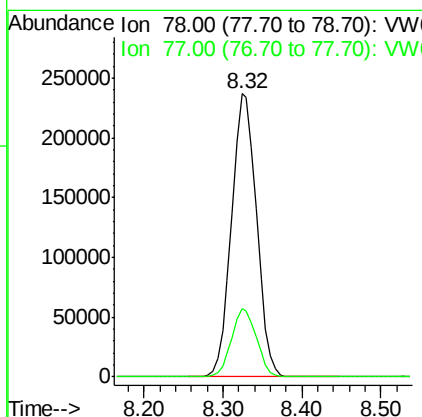
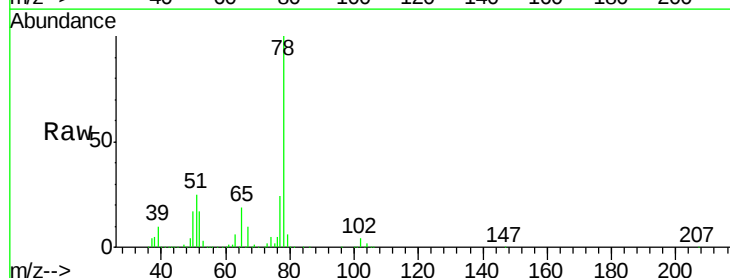
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#40
Benzene
Concen: 52.31 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.01 min
Lab File: VW003526.D
Acq: 24 Jun 2018 21:58

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.0	28.6





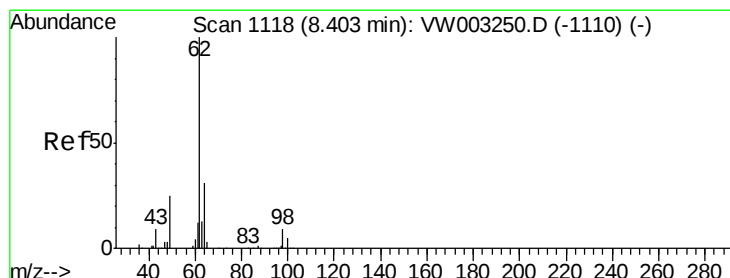
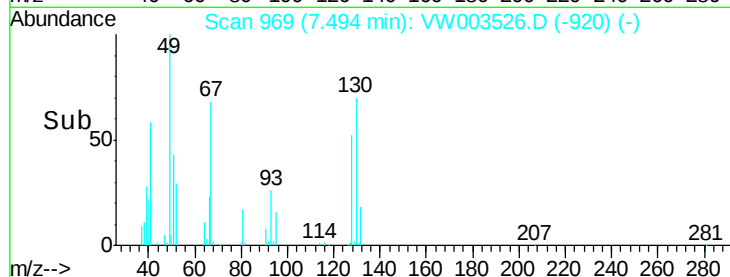
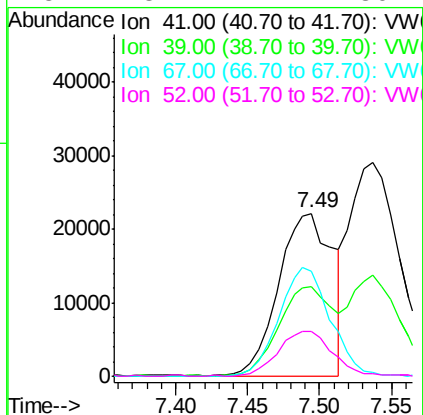
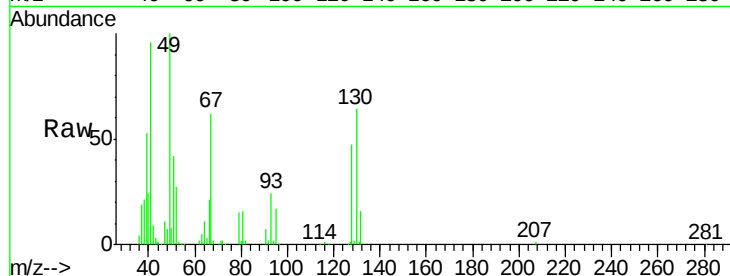
#41
Methacrylonitrile
Concen: 62.78 ug/l
RT: 7.49 min Scan# 969
Delta R.T. -0.00 min
Lab File: VW003526.D
Acq: 24 Jun 2018 21:58

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	41	Resp	57965
Ion	Ratio	Lower	Upper
41	100		
39	55.0	45.8	68.8
67	63.5	52.3	78.5
52	28.1	24.1	36.1

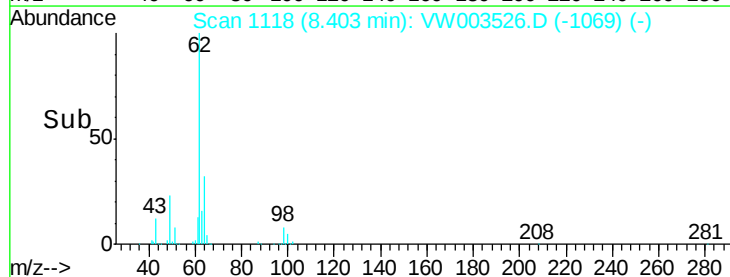
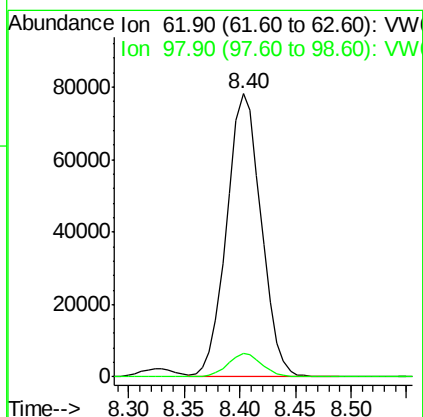
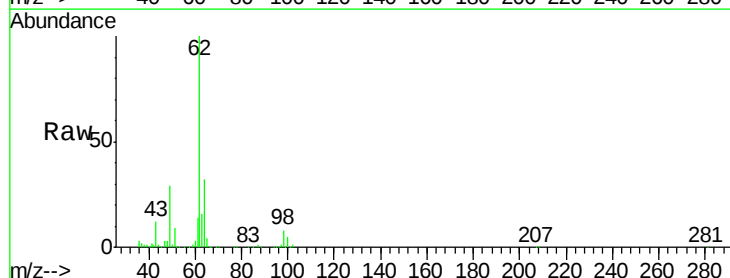
Manual Integrations
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#42
1,2-Dichloroethane
Concen: 53.58 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. -0.00 min
Lab File: VW003526.D
Acq: 24 Jun 2018 21:58

Tgt Ion	62	Resp	168034
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	17.2





#43

Isopropyl Acetate

Concen: 58.22 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VW003526.D

Acq: 24 Jun 2018 21:58

Instrument :

MSVOA_W

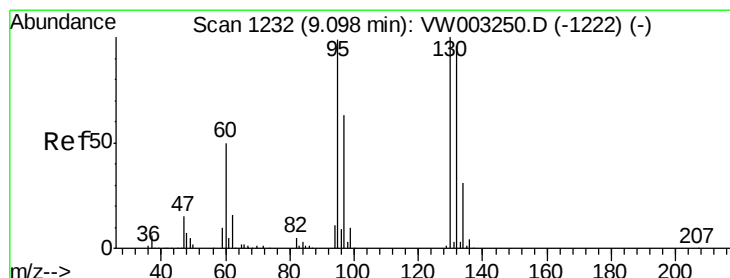
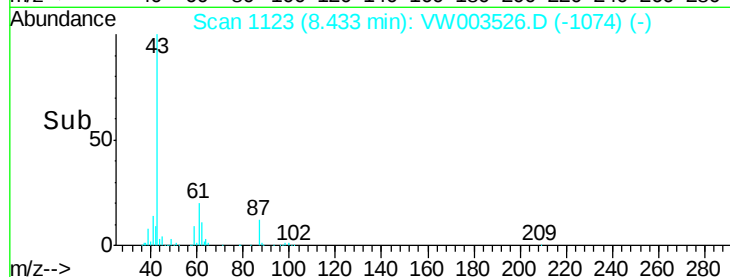
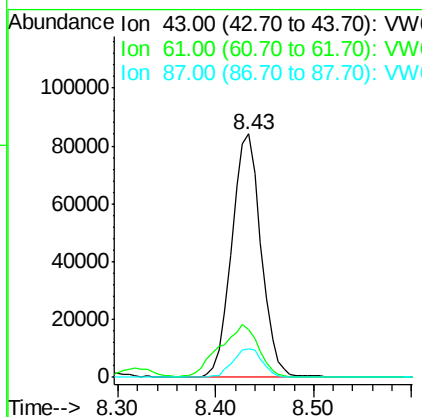
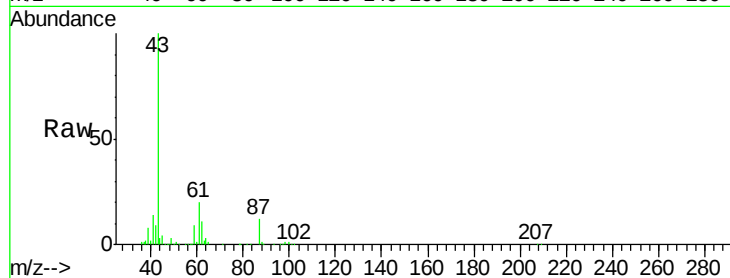
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	173922
Ion	Ratio	Lower	Upper
43	100		
61	29.2	23.1	34.7
87	12.1	9.8	14.6

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#44

Trichloroethene

Concen: 53.16 ug/l

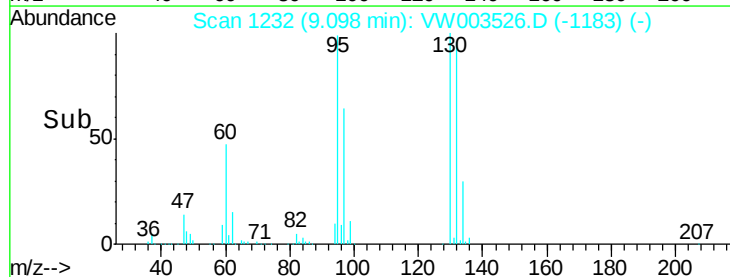
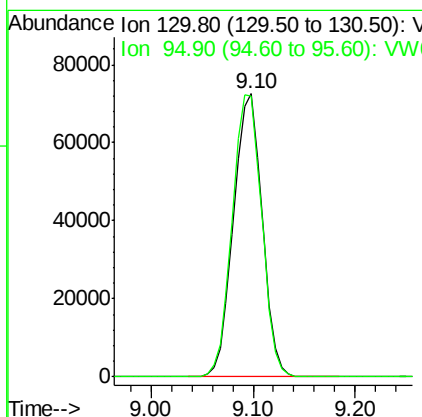
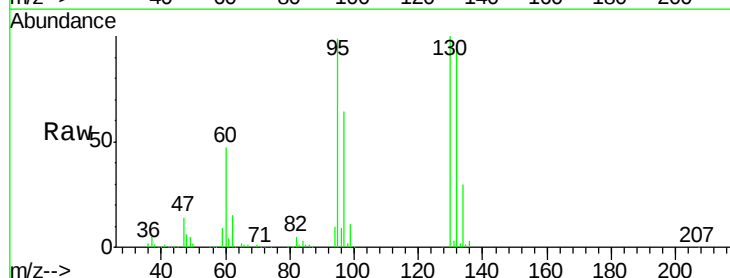
RT: 9.10 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VW003526.D

Acq: 24 Jun 2018 21:58

Tgt Ion:	130	Resp:	141008
Ion	Ratio	Lower	Upper
130	100		
95	98.9	0.0	198.0





#45

1,2-Dichloropropane

Concen: 54.14 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. -0.00 min

Lab File: VW003526.D

Acq: 24 Jun 2018 21:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 137991

Ion Ratio Lower Upper

63 100

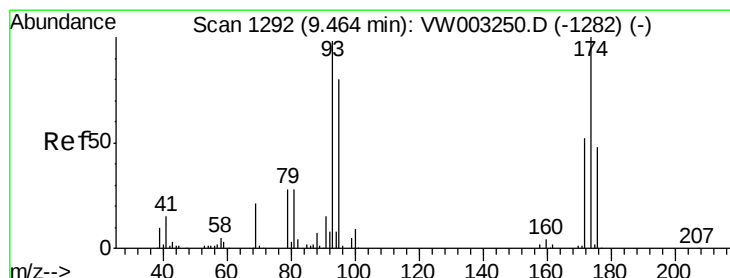
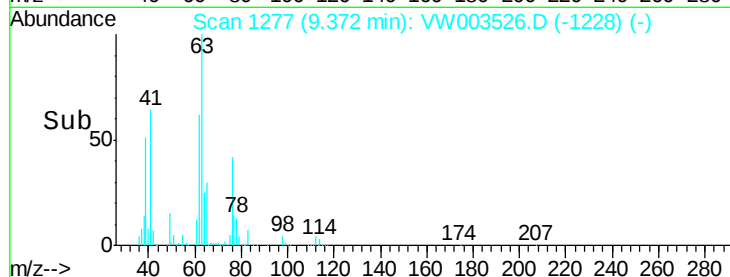
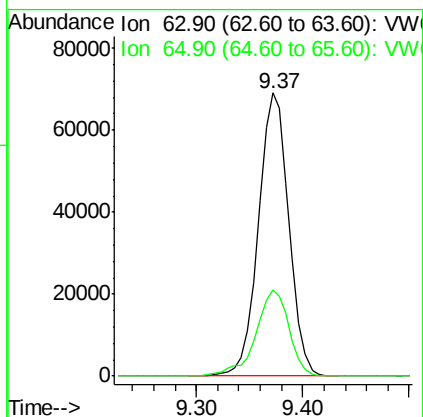
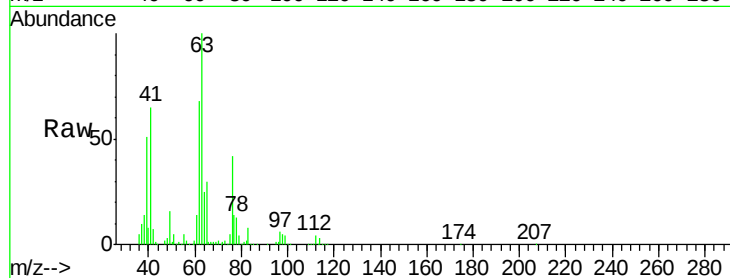
65 30.4 25.1 37.7

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#46

Dibromomethane

Concen: 54.61 ug/l

RT: 9.46 min Scan# 1292

Delta R.T. -0.00 min

Lab File: VW003526.D

Acq: 24 Jun 2018 21:58

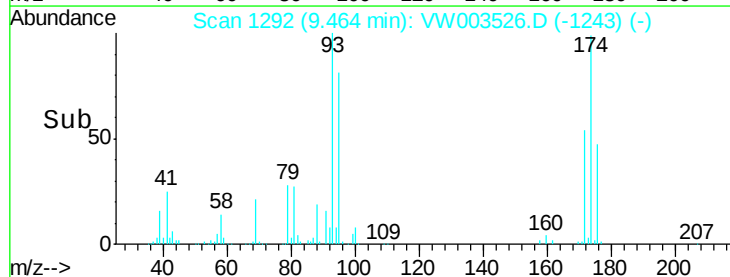
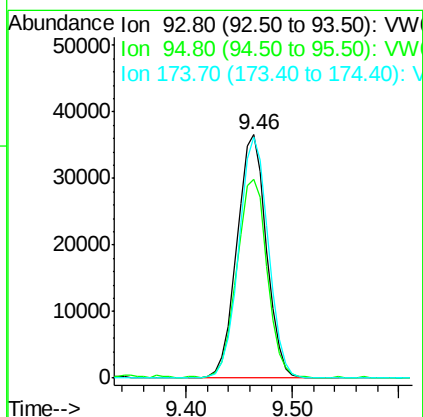
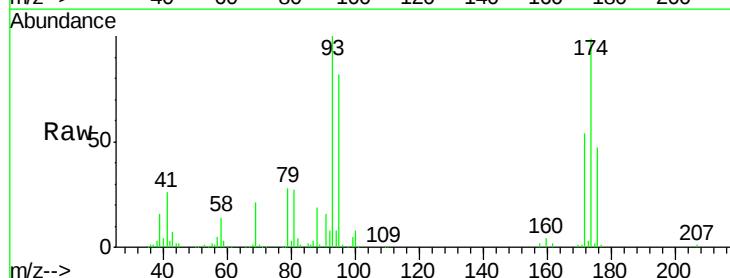
Tgt Ion: 93 Resp: 71264

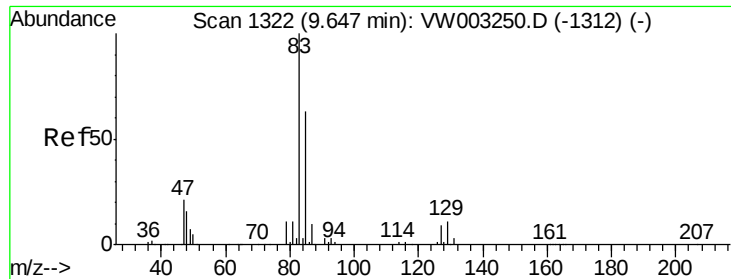
Ion Ratio Lower Upper

93 100

95 83.4 65.8 98.8

174 98.7 81.4 122.0





#47

Bromodichloromethane

Concen: 53.51 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VW003526.D

Acq: 24 Jun 2018 21:58

Instrument :

MSVOA_W

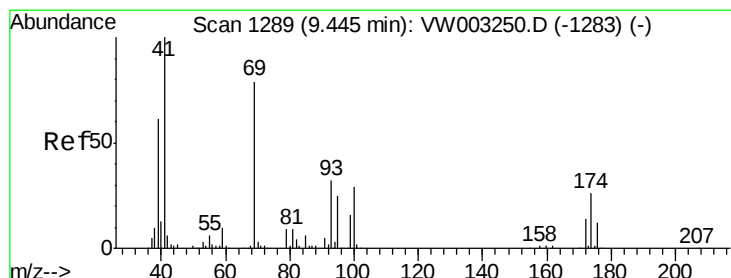
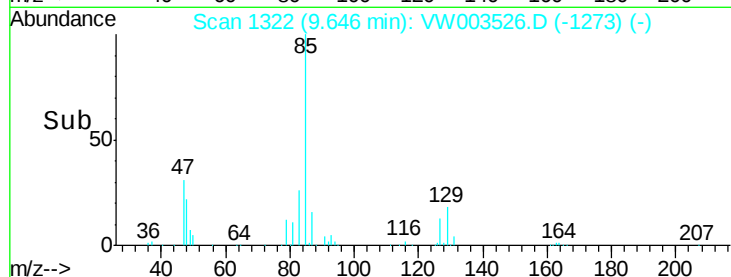
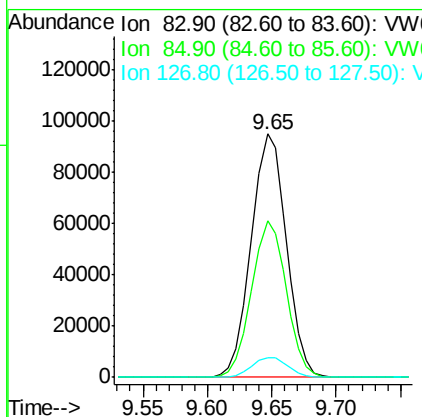
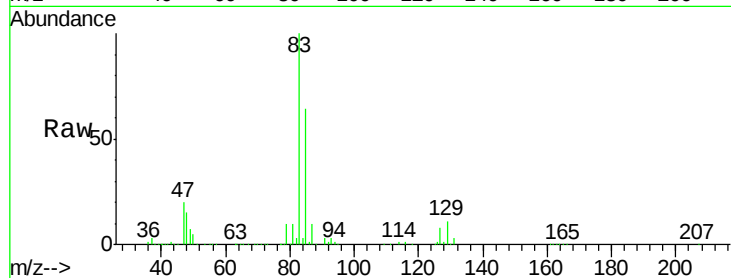
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	178977
Ion	Ratio	Lower	Upper
83	100		
85	64.5	50.6	75.8
127	8.1	6.8	10.2

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#48

Methyl methacrylate

Concen: 61.53 ug/l

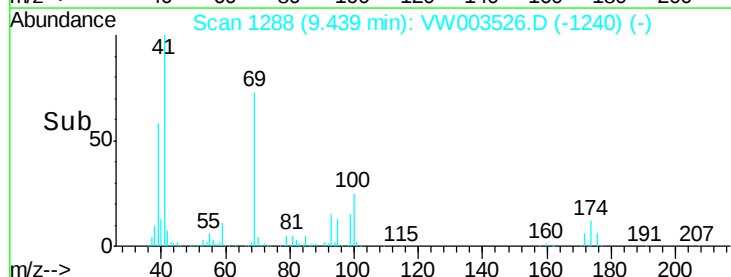
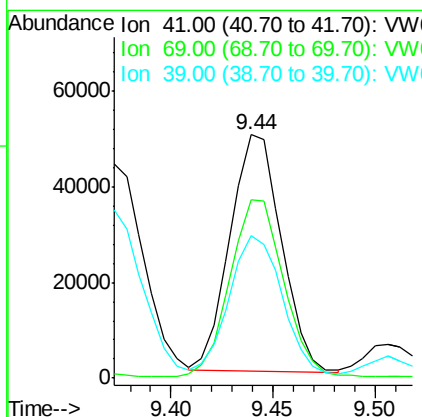
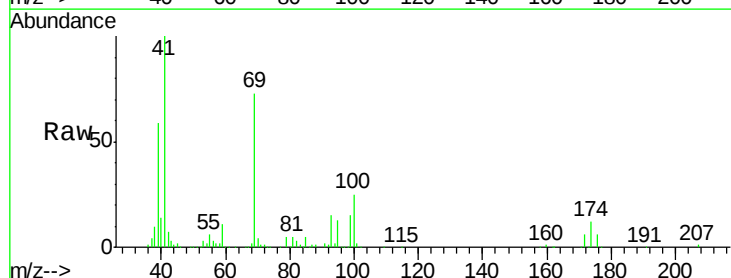
RT: 9.44 min Scan# 1288

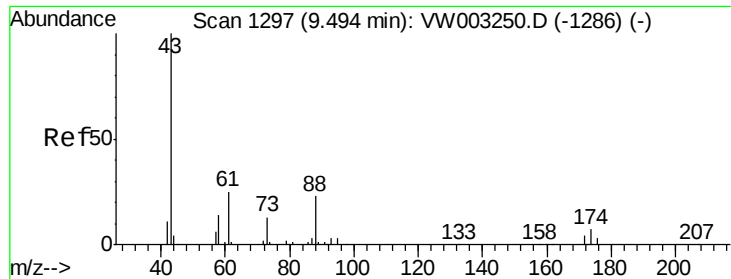
Delta R.T. -0.01 min

Lab File: VW003526.D

Acq: 24 Jun 2018 21:58

Tgt Ion:	41	Resp:	86380
Ion	Ratio	Lower	Upper
41	100		
69	79.7	65.4	98.2
39	63.7	54.2	81.2





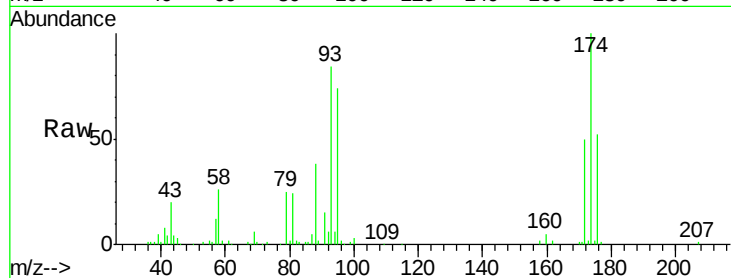
#49
1,4-Dioxane
Concen: 1152.56 ug/l
RT: 9.48 min Scan# 1294
Delta R.T. -0.02 min
Lab File: VW003526.D
Acq: 24 Jun 2018 21:58

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	22709
Ion Ratio	Lower	Upper	
88	100		
43	0.0	454.7	682.1#
58	73.4	58.6	88.0

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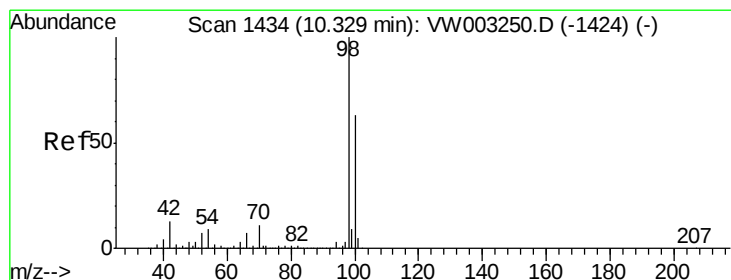
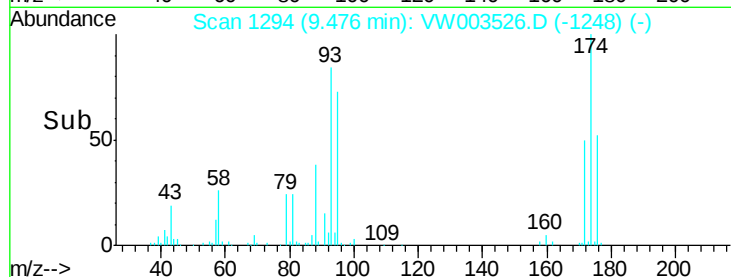
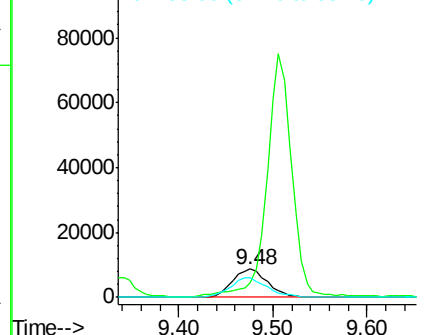


Abundance

Ion 88.00 (87.70 to 88.70): VW

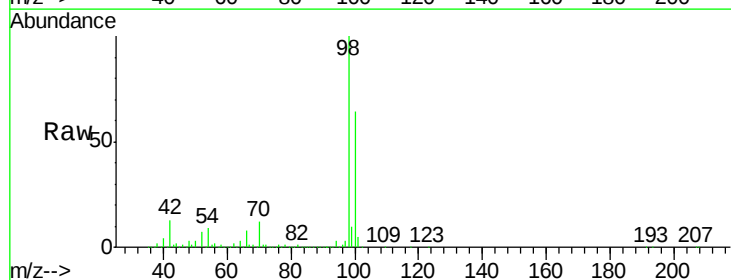
Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50
Toluene-d8
Concen: 57.17 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW003526.D
Acq: 24 Jun 2018 21:58

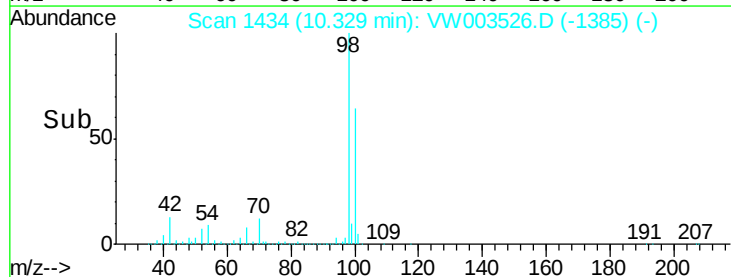
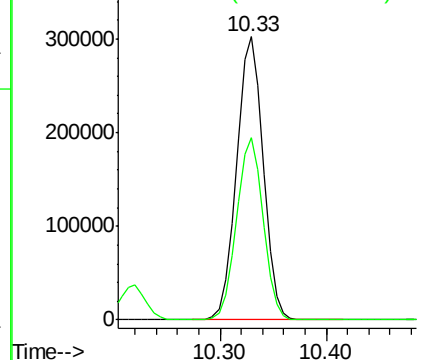
Tgt Ion	98	Resp	529738
Ion Ratio	Lower	Upper	
98	100		
100	64.4	50.8	76.2

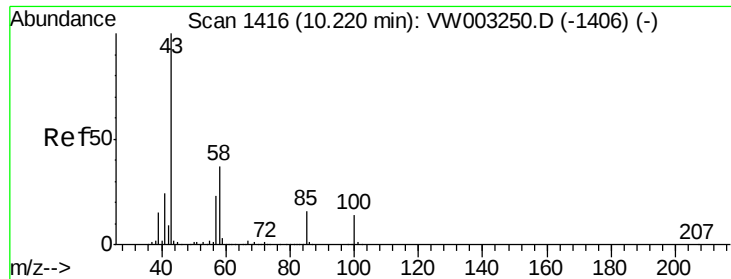


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 307.28 ug/l

RT: 10.22 min Scan# 1416

Delta R.T. -0.00 min

Lab File: VW003526.D

Acq: 24 Jun 2018 21:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 467757

Ion Ratio Lower Upper

43 100

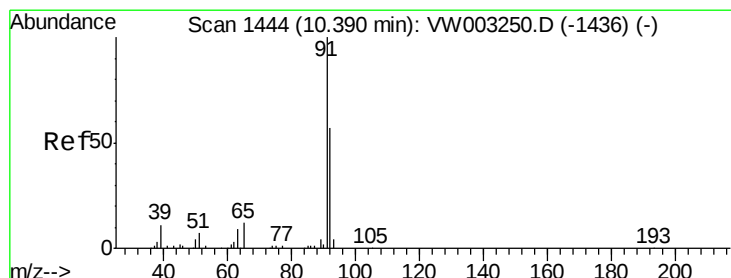
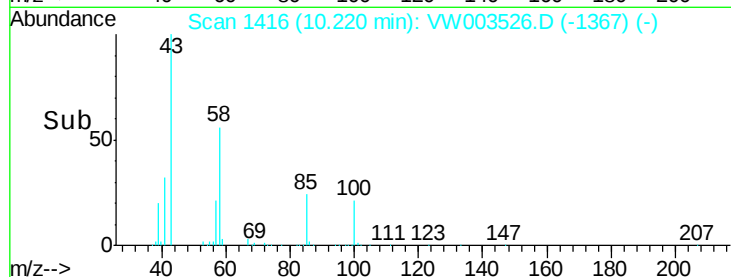
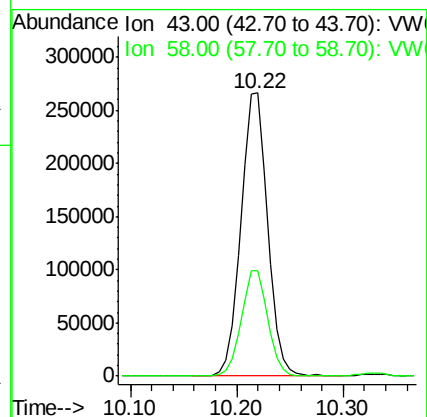
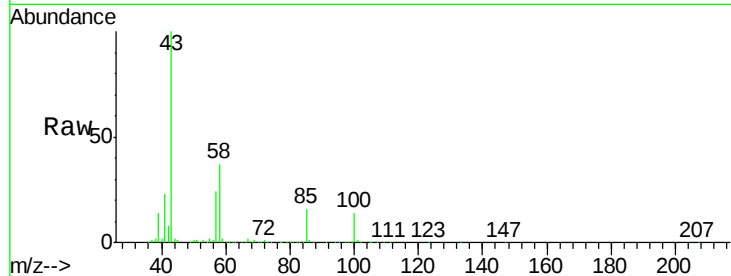
58 36.9 29.0 43.4

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#52

Toluene

Concen: 52.11 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.00 min

Lab File: VW003526.D

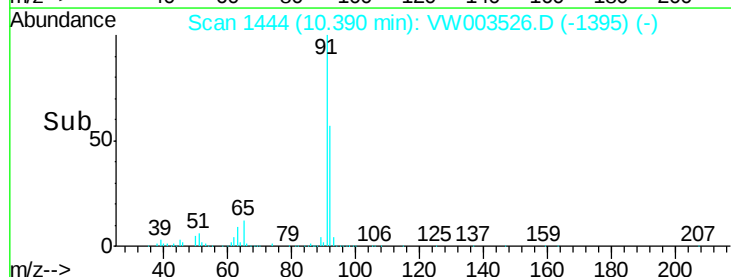
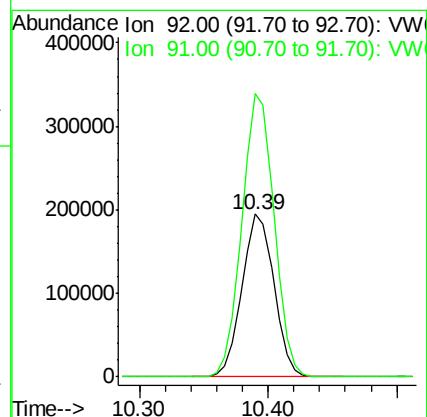
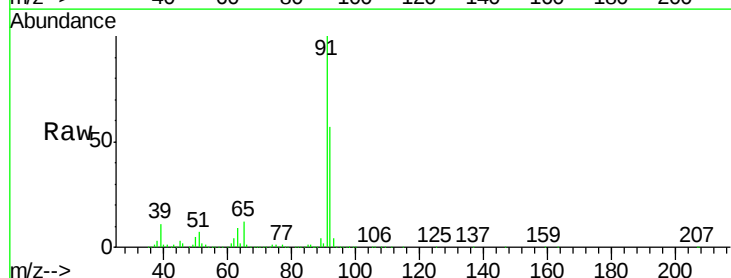
Acq: 24 Jun 2018 21:58

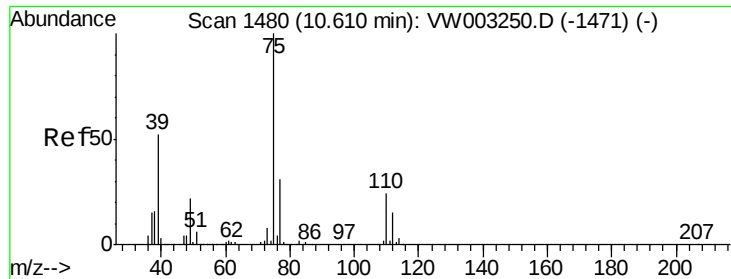
Tgt Ion: 92 Resp: 334482

Ion Ratio Lower Upper

92 100

91 175.3 141.1 211.7





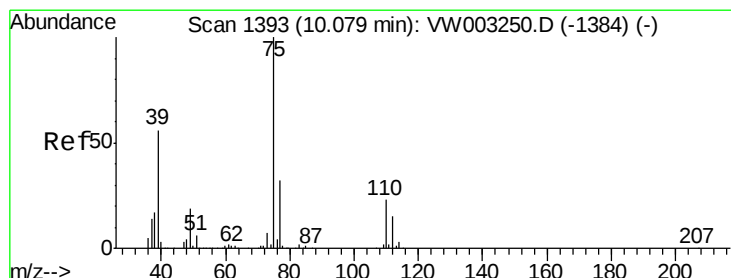
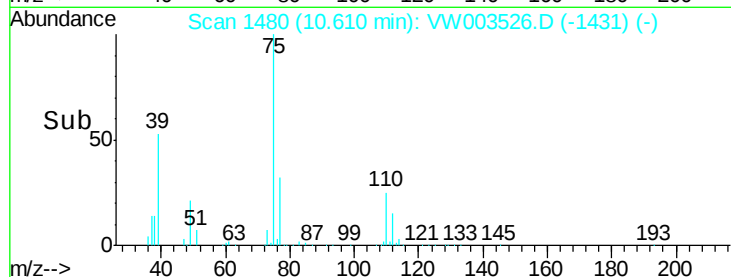
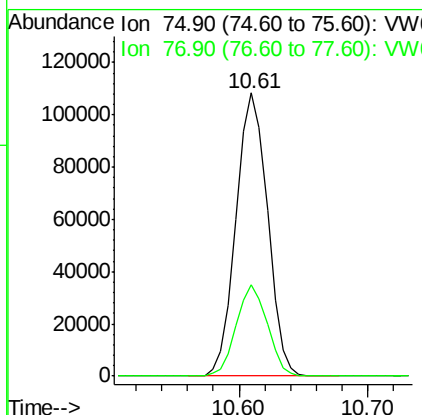
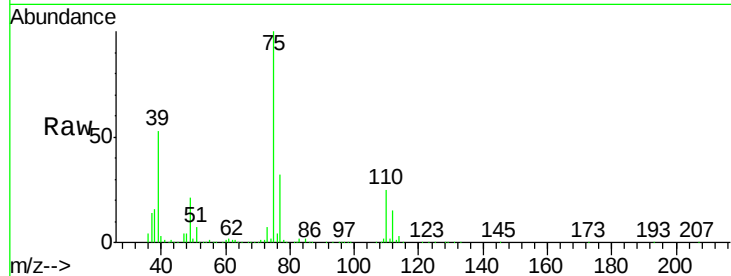
#53
t-1,3-Dichloropropene
Concen: 53.90 ug/l
RT: 10.61 min Scan# 1480
Delta R.T. -0.00 min
Lab File: VW003526.D
Acq: 24 Jun 2018 21:58

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	75	Resp	184167
Ion	Ratio	Lower	Upper
75	100		
77	32.0	24.9	37.3

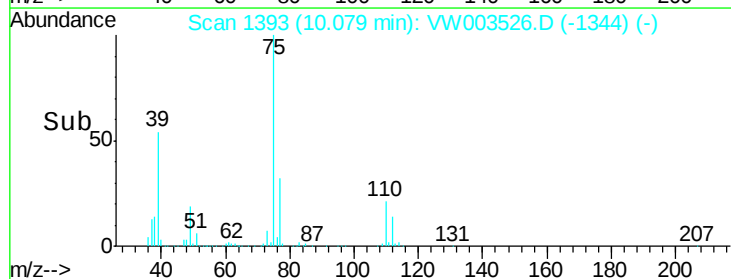
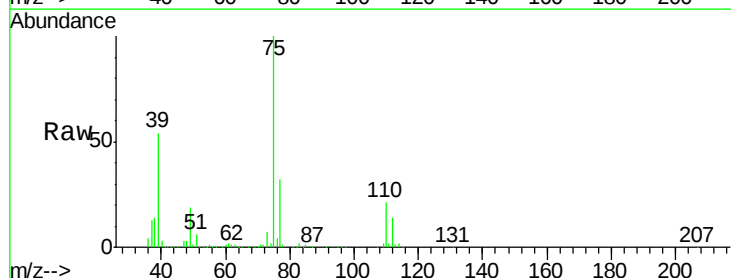
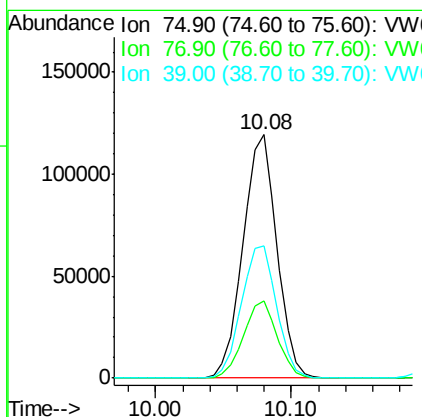
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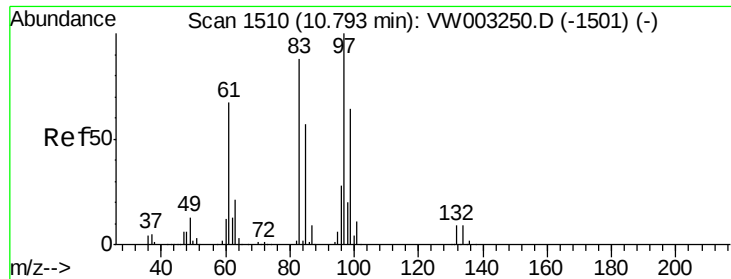
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#54
cis-1,3-Dichloropropene
Concen: 53.55 ug/l
RT: 10.08 min Scan# 1393
Delta R.T. -0.00 min
Lab File: VW003526.D
Acq: 24 Jun 2018 21:58

Tgt Ion	75	Resp	208256
Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.8	38.6
39	54.2	45.2	67.8





#55

1,1,2-Trichloroethane

Concen: 55.24 ug/l

RT: 10.79 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VW003526.D

Acq: 24 Jun 2018 21:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 101582

Ion Ratio Lower Upper

97 100

83 87.1 70.2 105.2

85 56.8 45.6 68.4

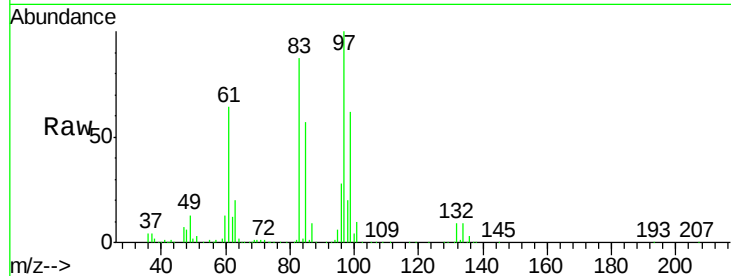
99 62.5 51.2 76.8

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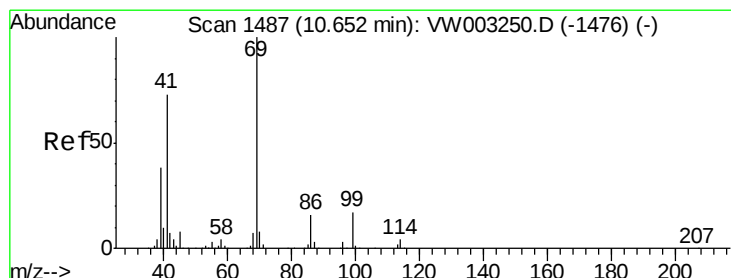
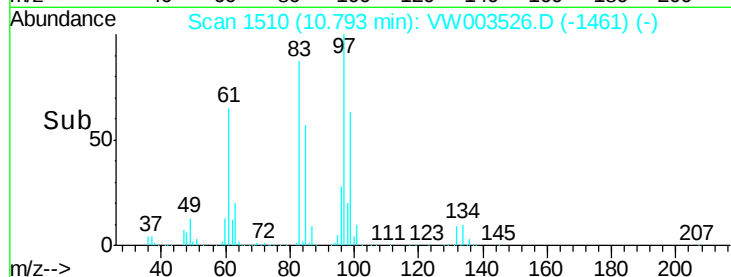
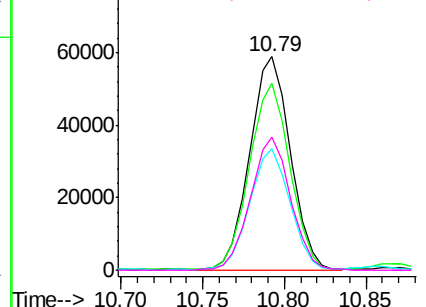


Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 61.00 ug/l

RT: 10.65 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW003526.D

Acq: 24 Jun 2018 21:58

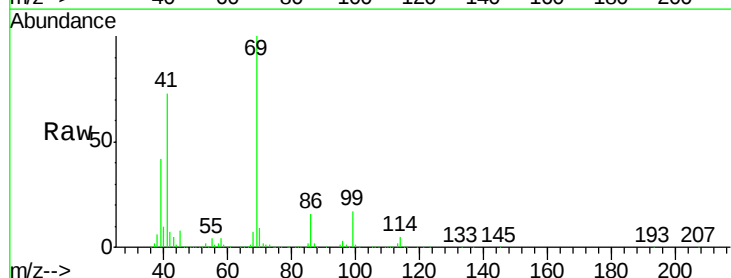
Tgt Ion: 69 Resp: 136209

Ion Ratio Lower Upper

69 100

41 74.1 57.8 86.6

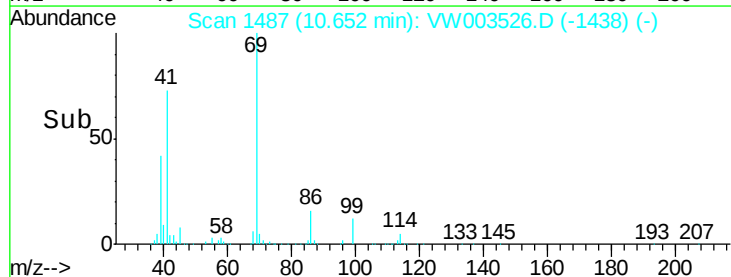
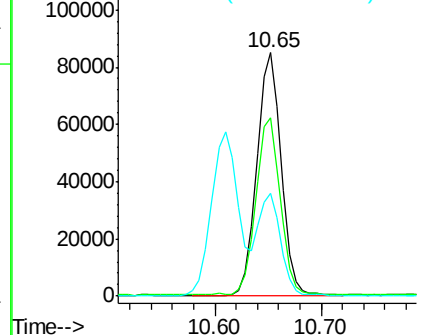
39 38.4 32.7 49.1



Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW





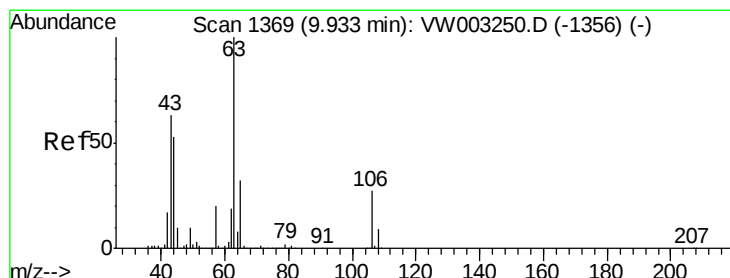
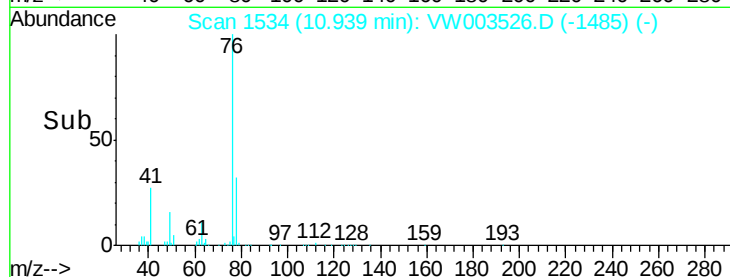
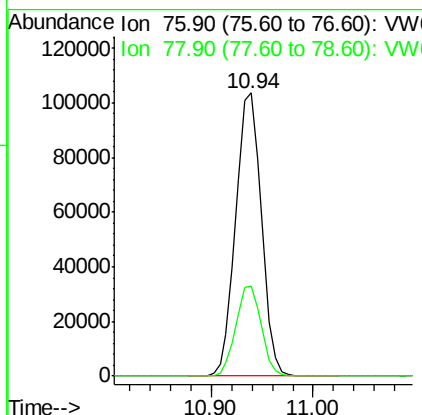
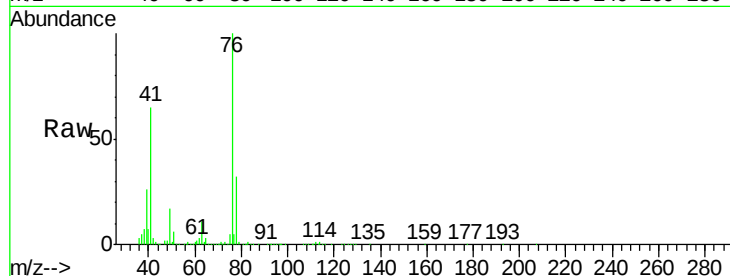
#57
 1,3-Dichloropropane
 Concen: 56.77 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VW003526.D
 Acq: 24 Jun 2018 21:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 180041
 Ion Ratio Lower Upper
 76 100
 78 31.6 25.7 38.5

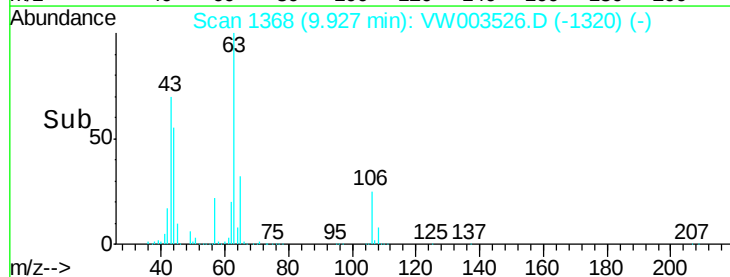
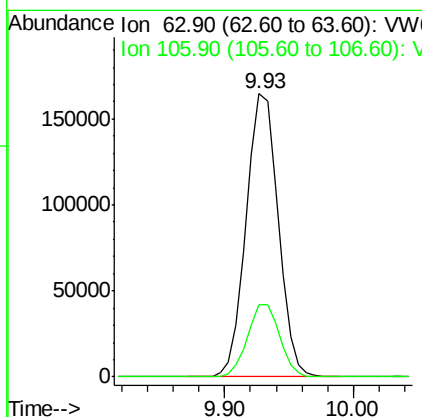
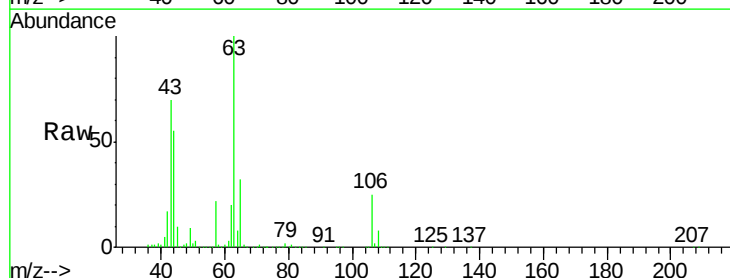
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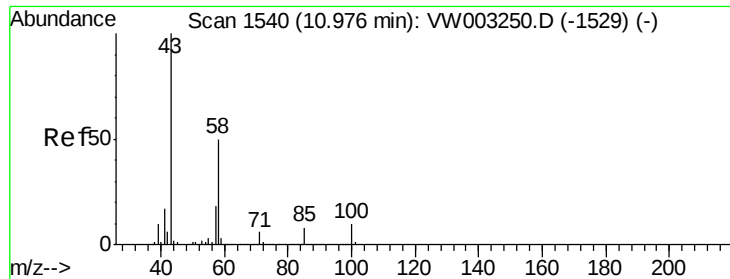
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#58
 2-Chloroethyl Vinyl ether
 Concen: 282.11 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: VW003526.D
 Acq: 24 Jun 2018 21:58

Tgt Ion: 63 Resp: 282388
 Ion Ratio Lower Upper
 63 100
 106 25.7 21.8 32.8





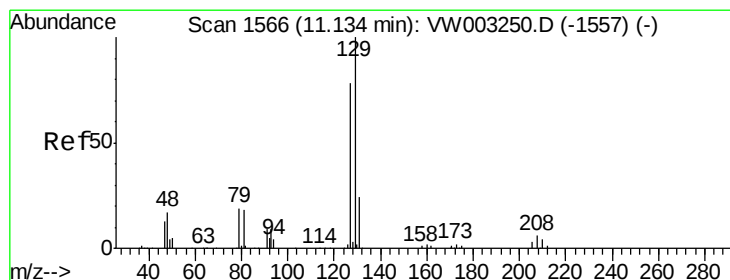
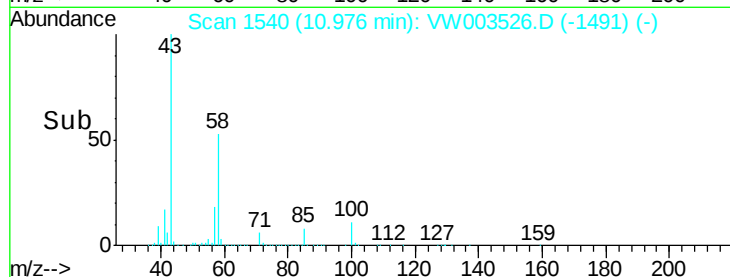
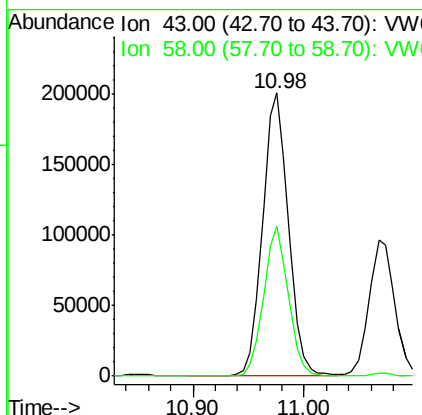
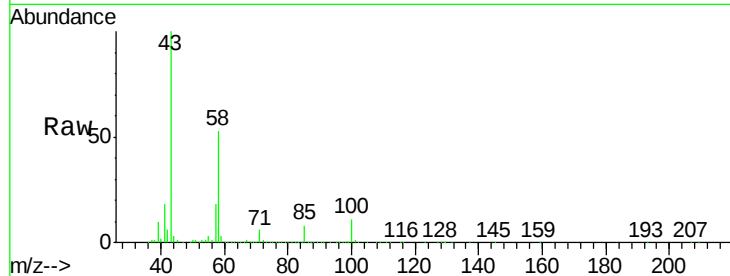
#59
2-Hexanone
Concen: 304.40 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW003526.D
Acq: 24 Jun 2018 21:58

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 323711
Ion Ratio Lower Upper
43 100
58 51.0 25.0 75.0

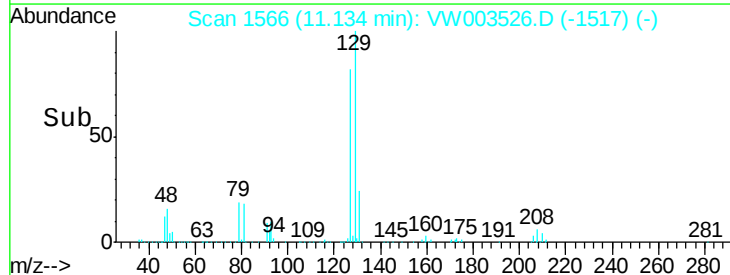
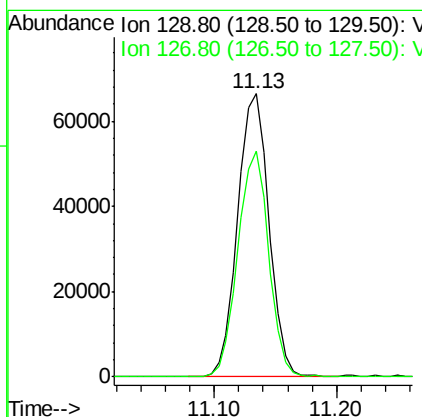
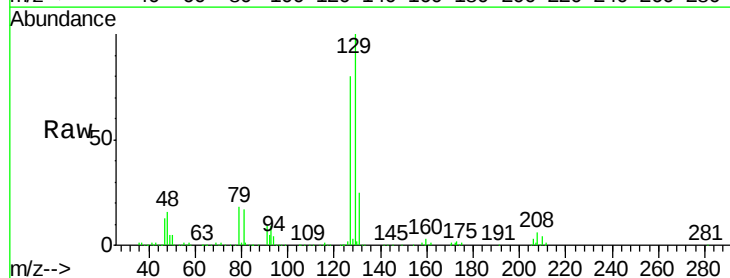
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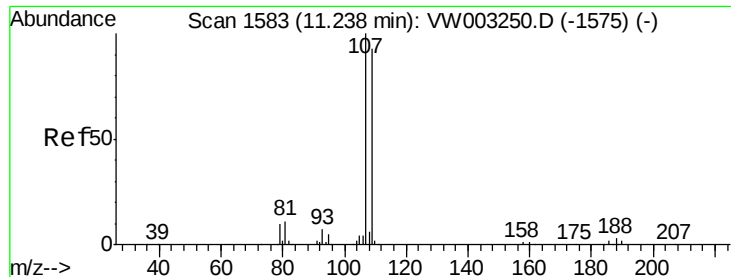
apatel
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#60
Dibromochloromethane
Concen: 53.72 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VW003526.D
Acq: 24 Jun 2018 21:58

Tgt Ion: 129 Resp: 117464
Ion Ratio Lower Upper
129 100
127 78.5 39.1 117.5





#61

1,2-Dibromoethane

Concen: 56.10 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VW003526.D

Acq: 24 Jun 2018 21:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 97588

Ion Ratio Lower Upper

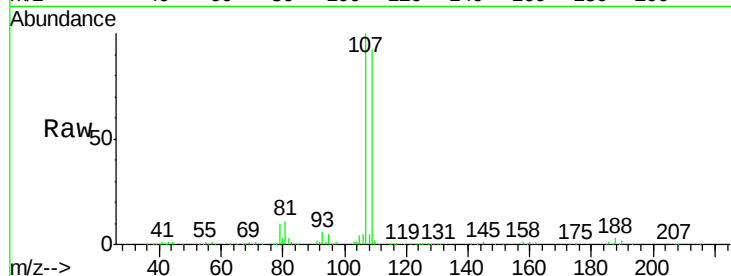
107 100

109 94.0 75.8 113.6

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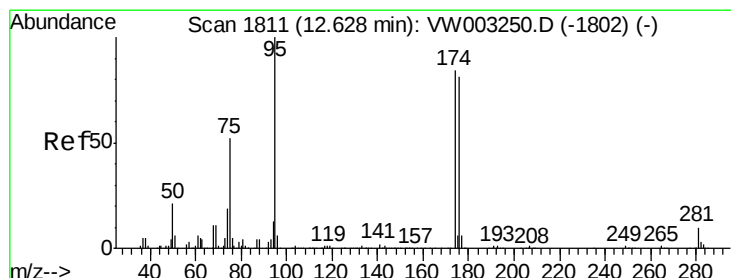
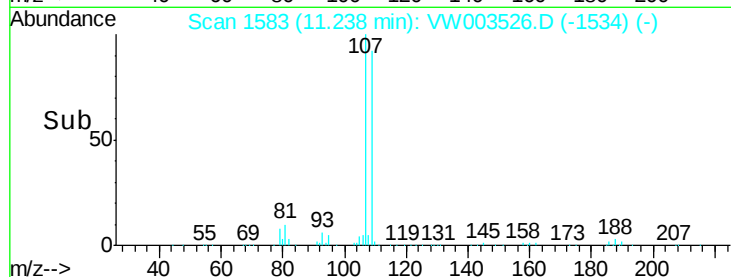
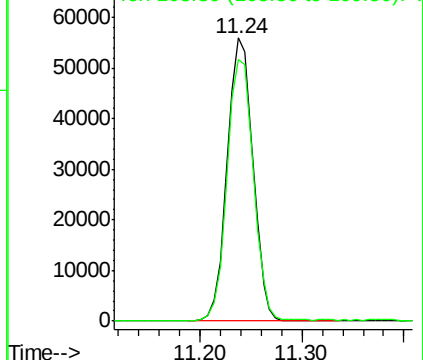
apatel

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 60.07 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.01 min

Lab File: VW003526.D

Acq: 24 Jun 2018 21:58

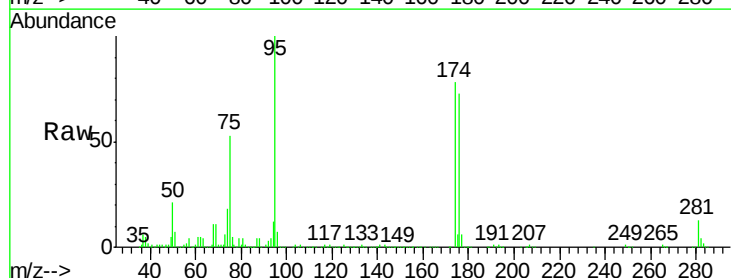
Tgt Ion: 95 Resp: 196965

Ion Ratio Lower Upper

95 100

174 80.7 0.0 166.4

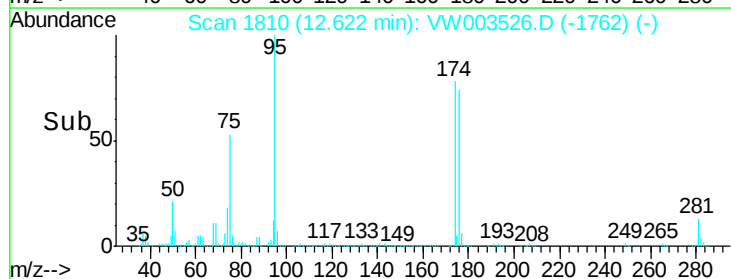
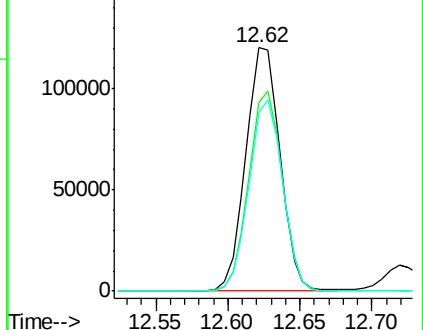
176 77.3 0.0 162.0

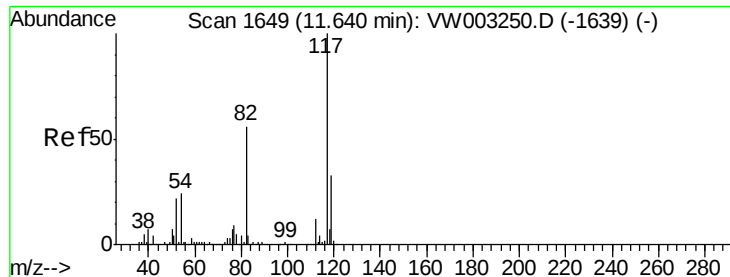


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





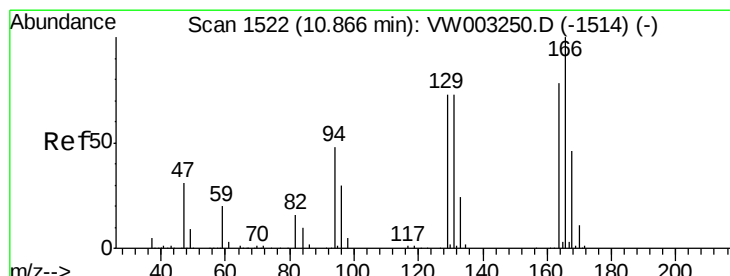
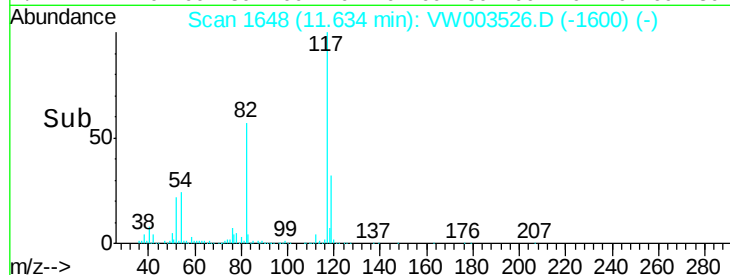
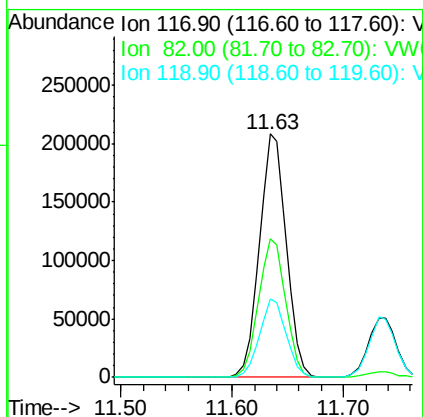
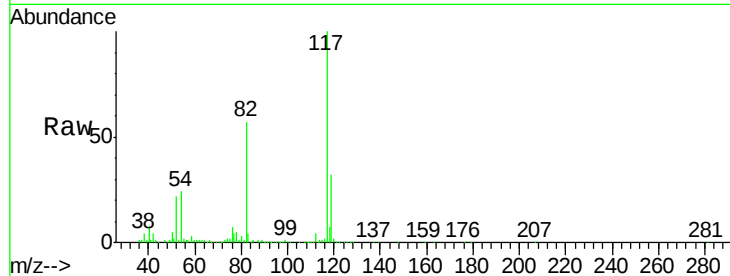
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW003526.D
Acq: 24 Jun 2018 21:58

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.9	44.6	67.0
119	32.2	26.7	40.1

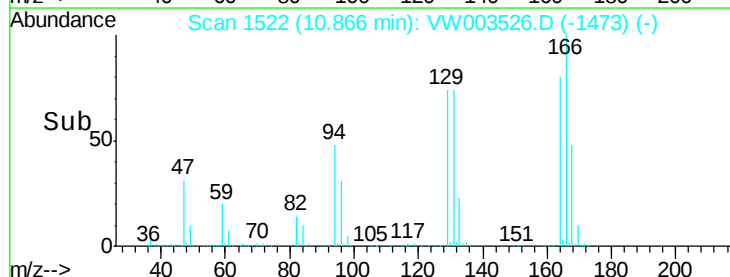
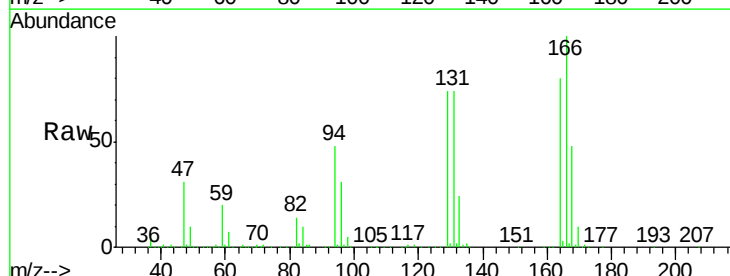
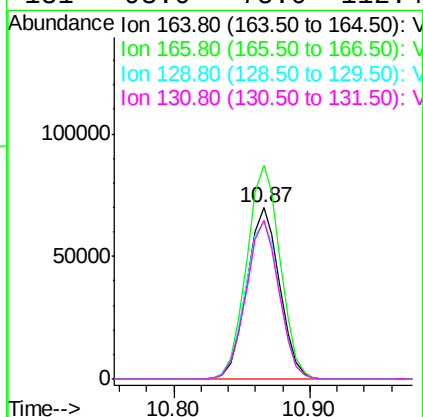
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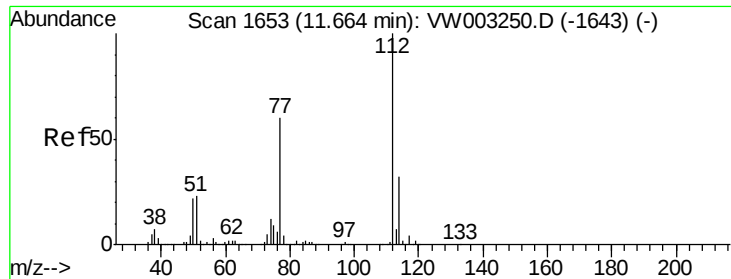
apatel
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#64
Tetrachloroethene
Concen: 50.30 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW003526.D
Acq: 24 Jun 2018 21:58

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.9	102.6	154.0
129	92.0	75.2	112.8
131	93.0	75.0	112.4





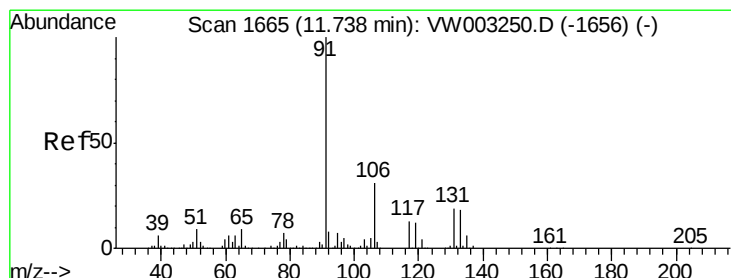
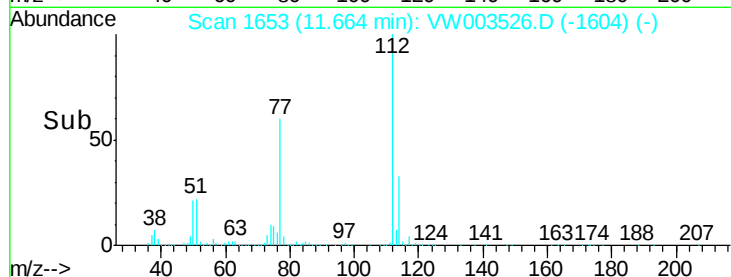
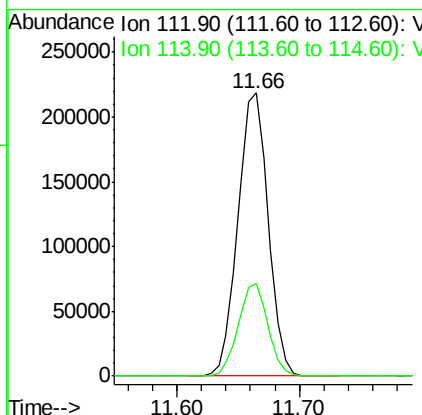
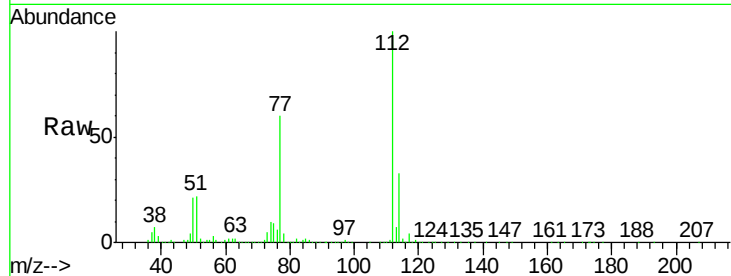
#65
Chlorobenzene
Concen: 51.21 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VW003526.D
Acq: 24 Jun 2018 21:58

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.6	25.9	38.9

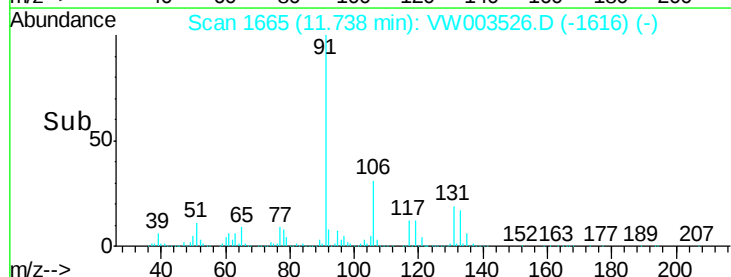
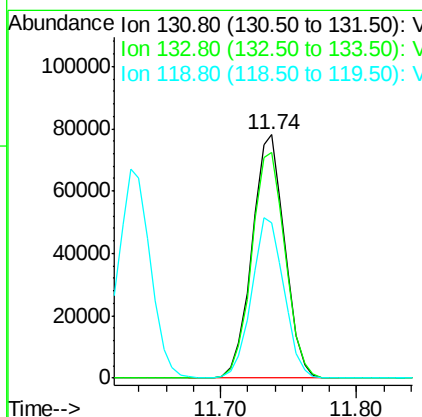
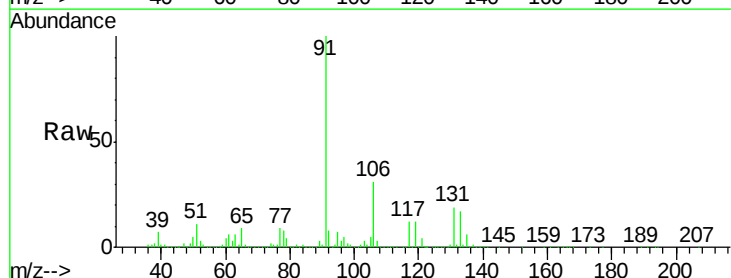
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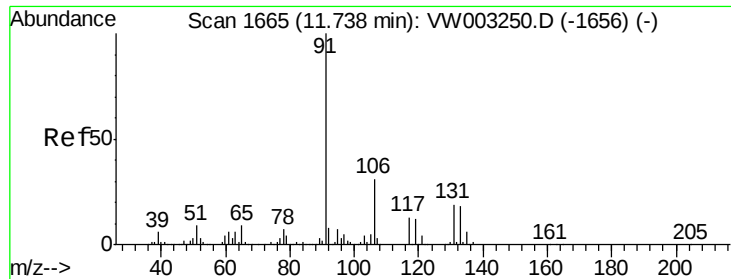
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.30 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW003526.D
Acq: 24 Jun 2018 21:58

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.8	47.3	142.0
119	65.2	32.5	97.4





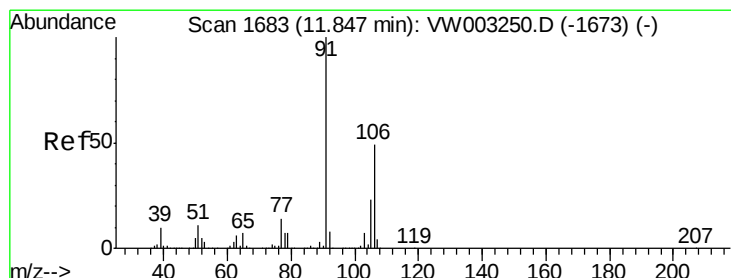
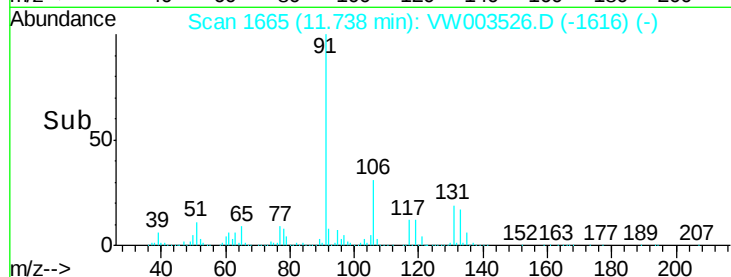
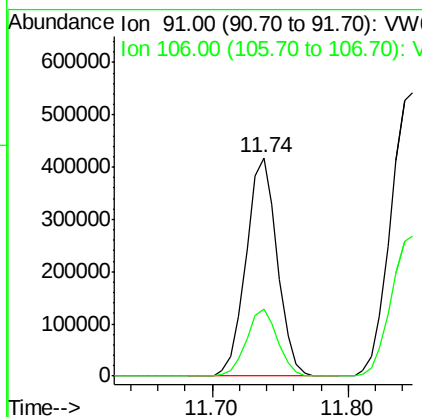
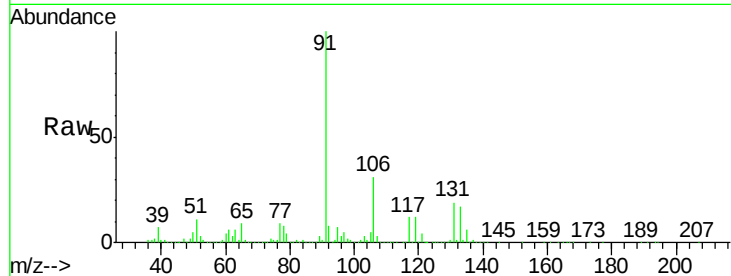
#67
Ethyl Benzene
Concen: 51.55 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW003526.D
Acq: 24 Jun 2018 21:58

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 667623
Ion Ratio Lower Upper
91 100
106 30.8 24.7 37.1

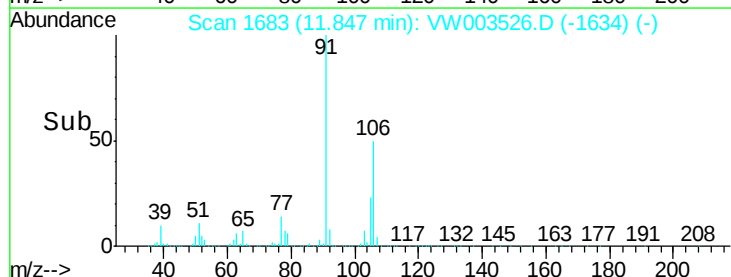
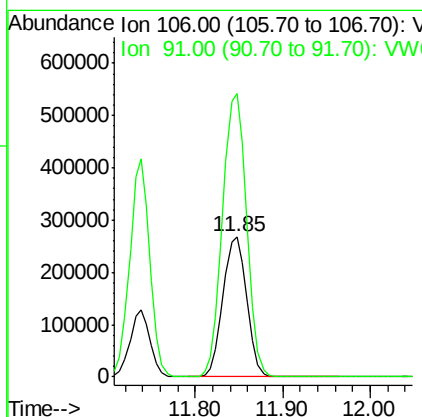
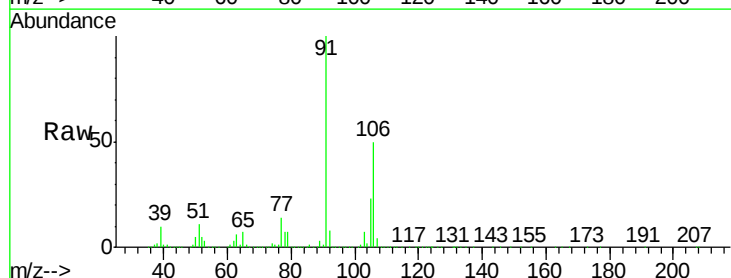
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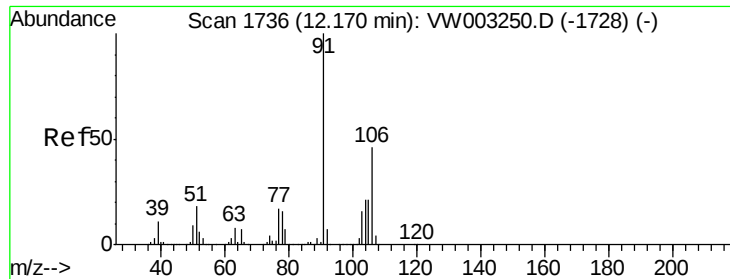
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#68
m/p-Xylenes
Concen: 102.52 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW003526.D
Acq: 24 Jun 2018 21:58

Tgt Ion: 106 Resp: 504750
Ion Ratio Lower Upper
106 100
91 204.5 165.4 248.0





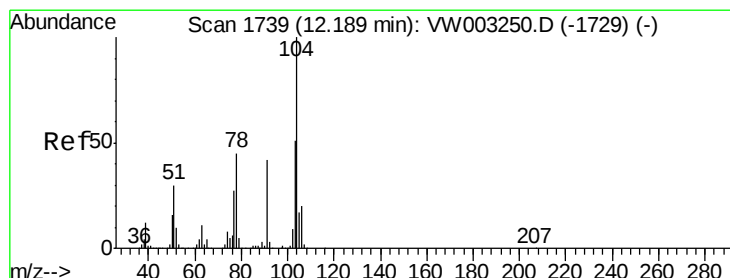
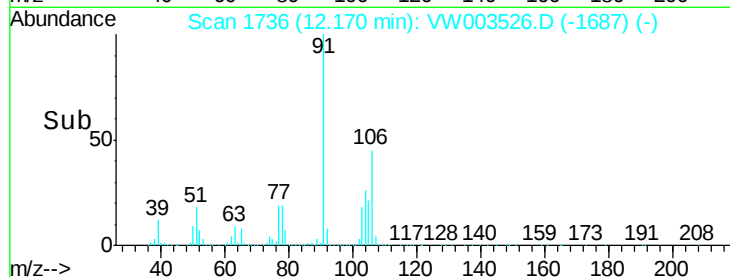
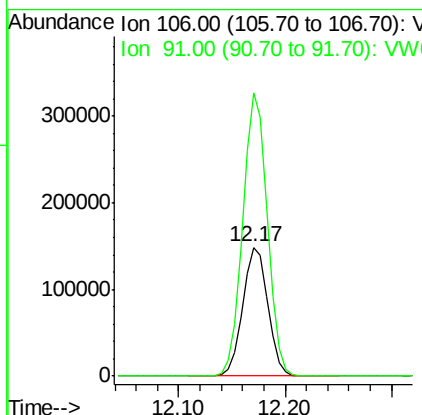
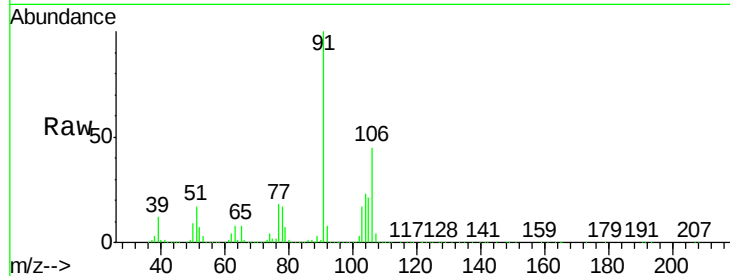
#69
o-Xylene
Concen: 53.71 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW003526.D
Acq: 24 Jun 2018 21:58

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 245049
Ion Ratio Lower Upper
106 100
91 215.9 108.6 325.6

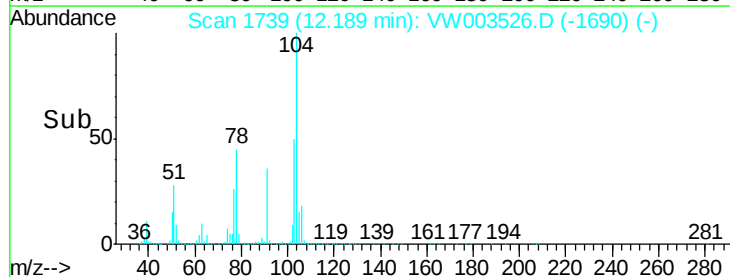
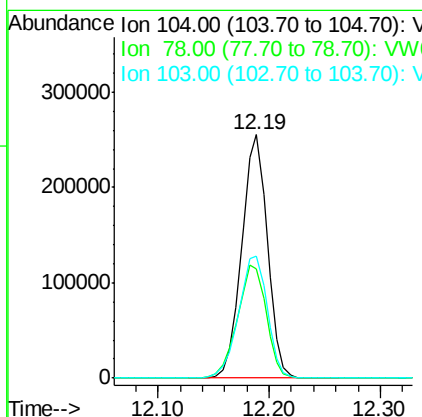
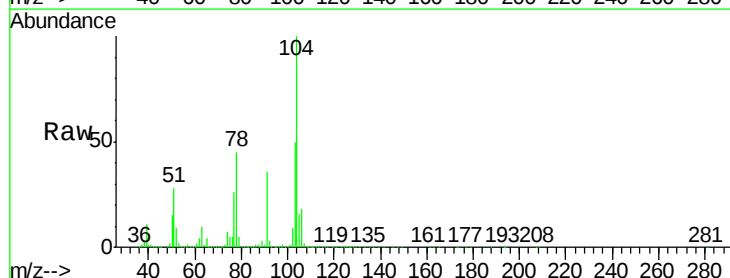
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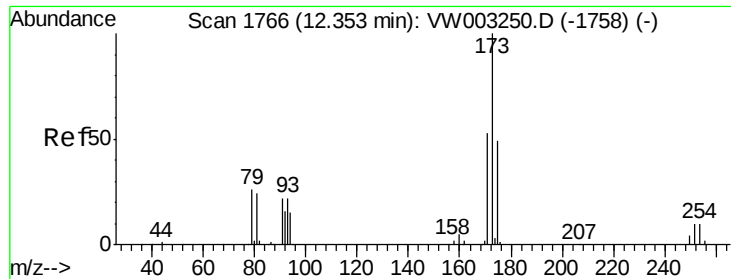
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#70
Styrene
Concen: 53.71 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VW003526.D
Acq: 24 Jun 2018 21:58

Tgt Ion:104 Resp: 407936
Ion Ratio Lower Upper
104 100
78 52.0 41.3 61.9
103 56.0 45.0 67.4





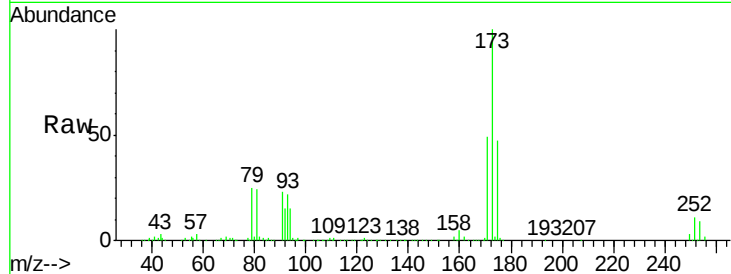
#71
Bromoform
Concen: 53.65 ug/l
RT: 12.35 min Scan# 1766
Delta R.T. -0.00 min
Lab File: VW003526.D
Acq: 24 Jun 2018 21:58

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

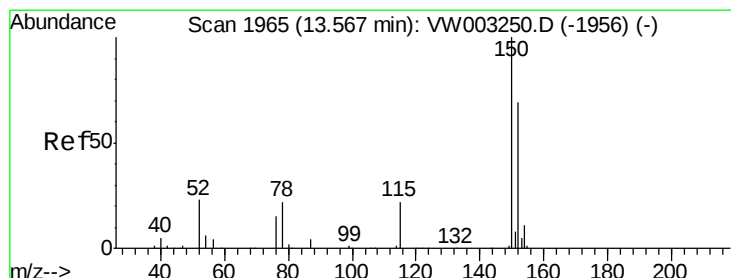
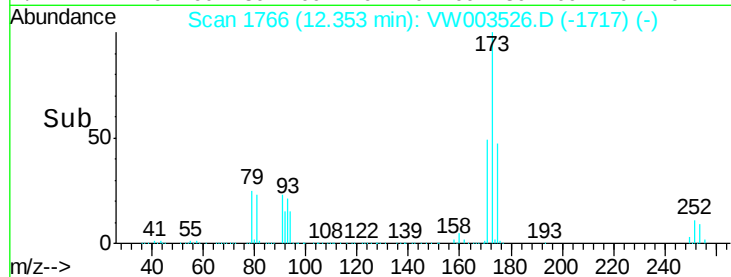
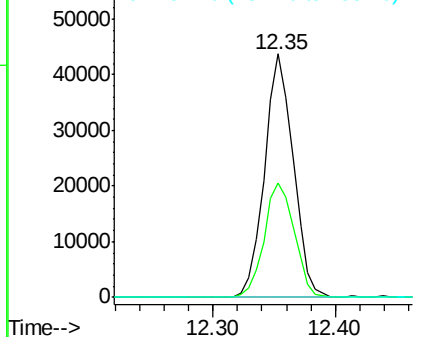
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.4	24.4	73.4
254	0.0	0.1	0.1

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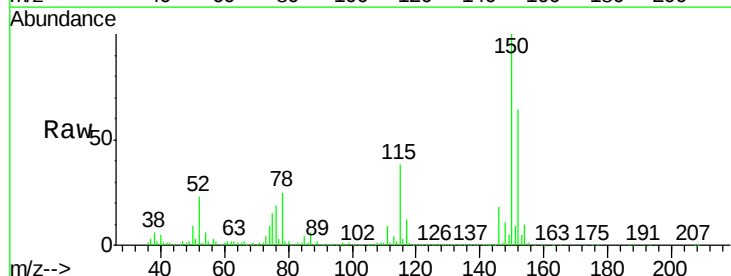


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

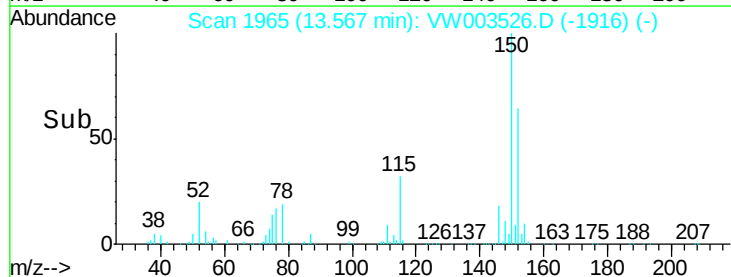
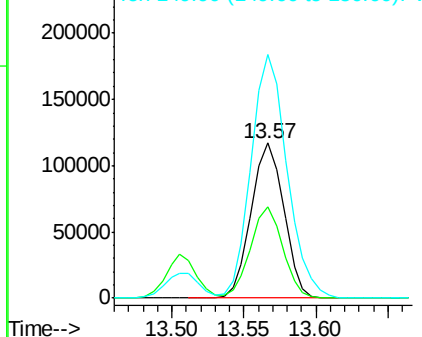


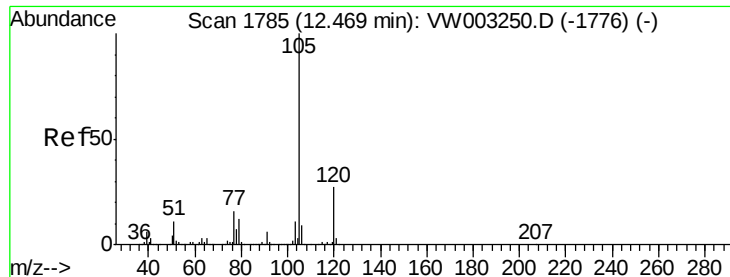
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW003526.D
Acq: 24 Jun 2018 21:58

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.6	29.3	88.0
150	173.2	0.0	349.6



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





#73

Isopropylbenzene

Concen: 52.32 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VW003526.D

Acq: 24 Jun 2018 21:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 669155

Ion Ratio Lower Upper

105 100

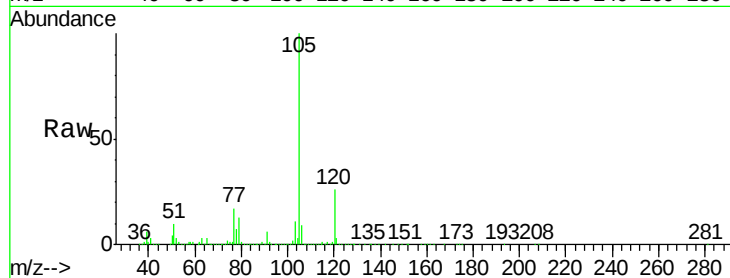
120 26.1 13.2 39.6

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.47

400000

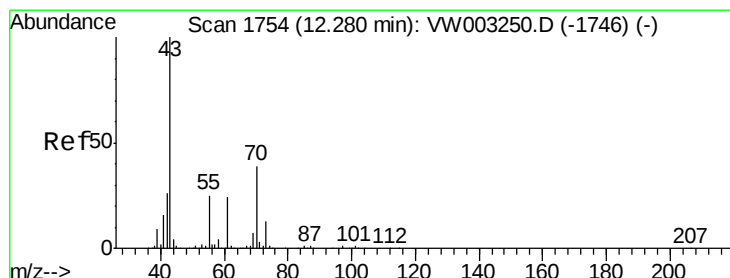
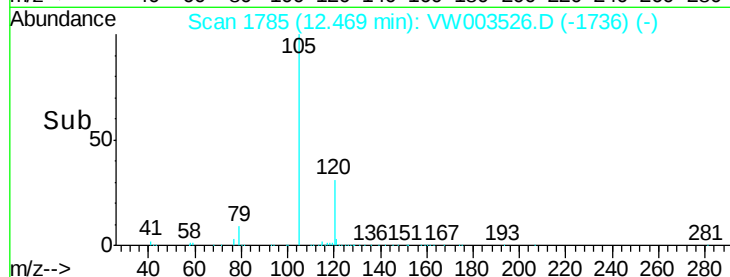
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 60.68 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VW003526.D

Acq: 24 Jun 2018 21:58

Tgt Ion: 43 Resp: 176651

Ion Ratio Lower Upper

43 100

70 38.8 31.0 46.6

55 23.8 19.7 29.5

61 22.3 18.1 27.1

Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV

12.28

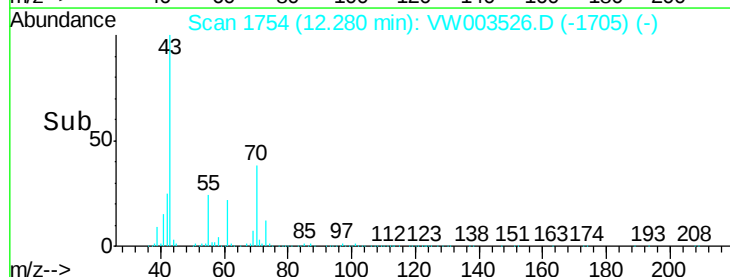
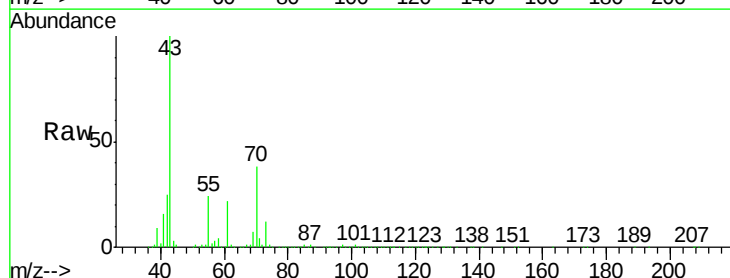
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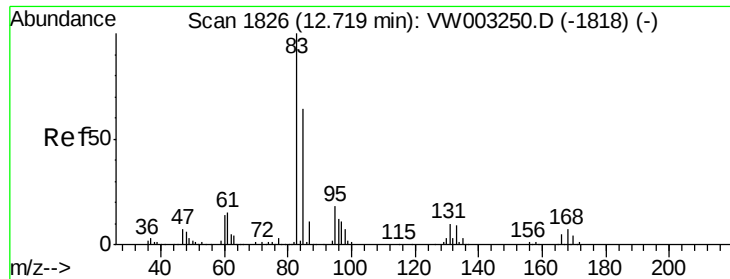
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 57.35 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VW003526.D

Acq: 24 Jun 2018 21:58

Instrument :

MSVOA_W

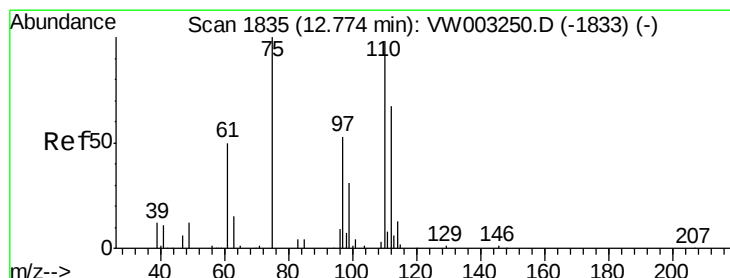
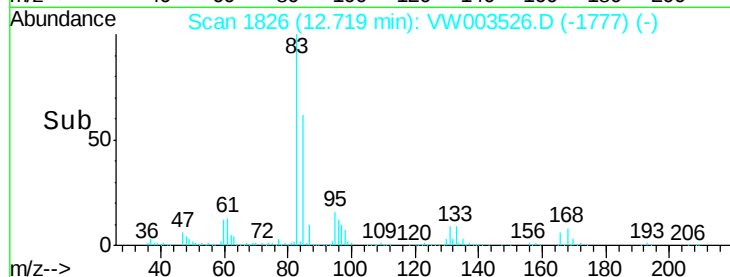
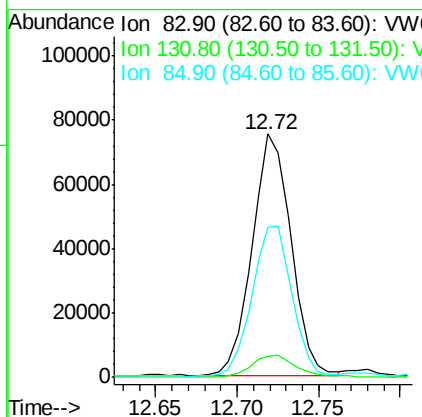
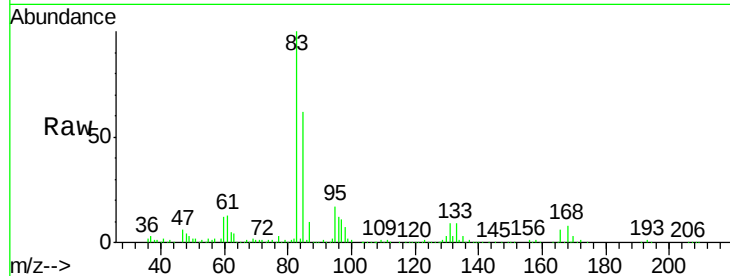
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	124106
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.4	16.2
85	63.8	31.9	95.7

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#76

1,2,3-Trichloropropane

Concen: 54.24 ug/l m

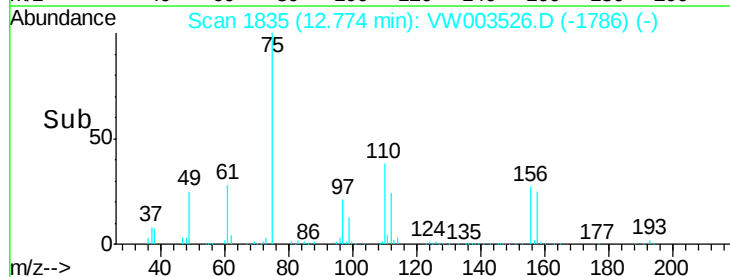
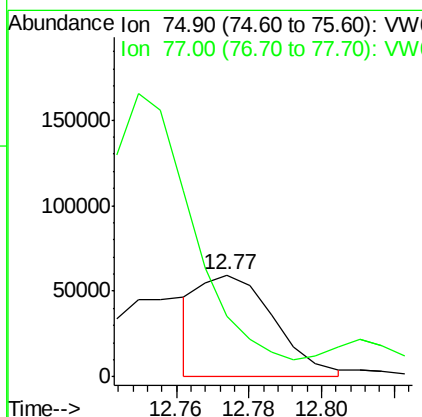
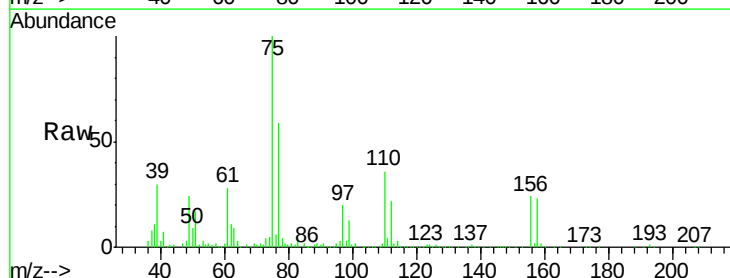
RT: 12.77 min Scan# 1835

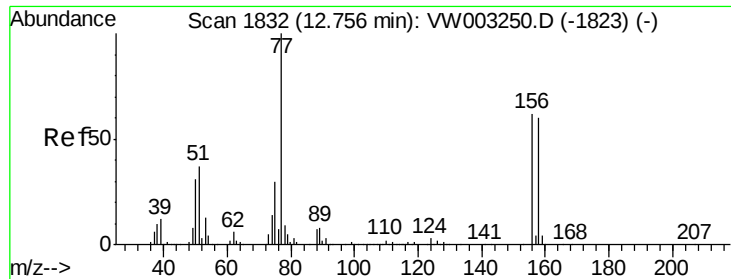
Delta R.T. -0.00 min

Lab File: VW003526.D

Acq: 24 Jun 2018 21:58

Tgt Ion:	75	Resp:	85270
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





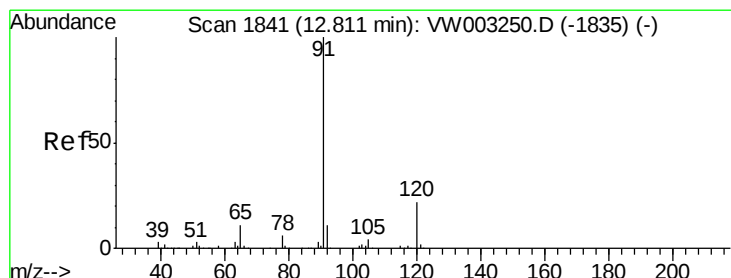
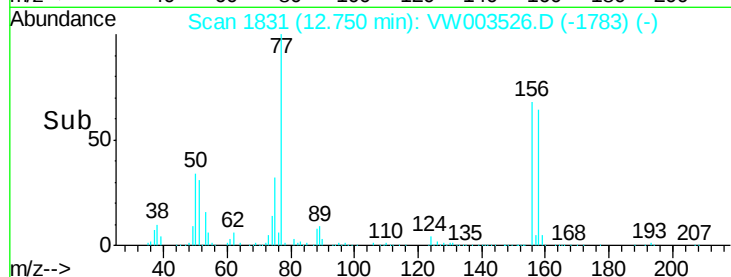
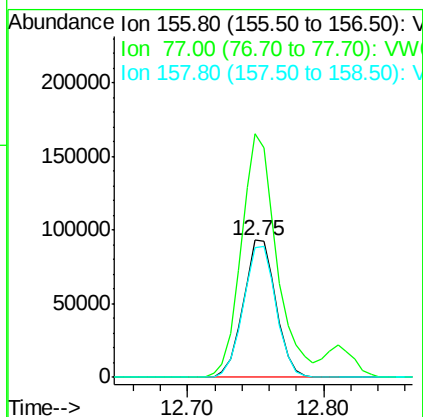
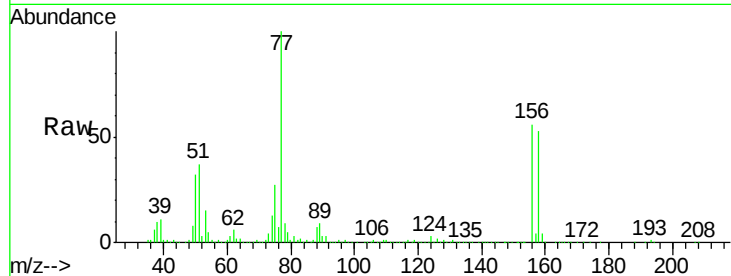
#77
Bromobenzene
Concen: 52.13 ug/l
RT: 12.75 min Scan# 1831
Delta R.T. -0.01 min
Lab File: VW003526.D
Acq: 24 Jun 2018 21:58

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	191.9	92.3	276.9
158	96.1	47.5	142.6

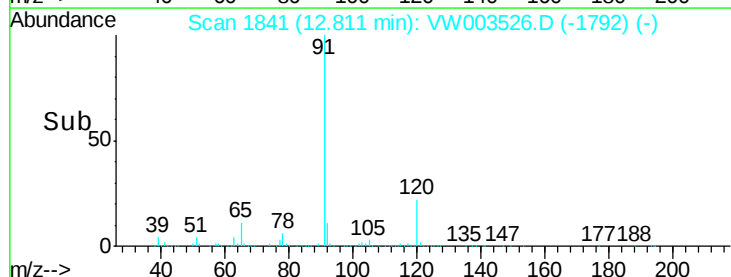
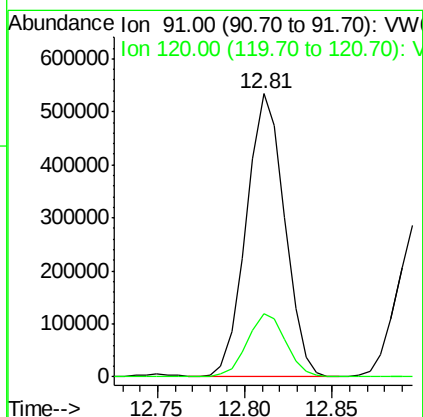
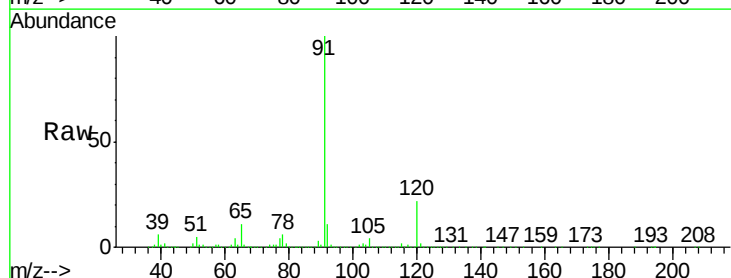
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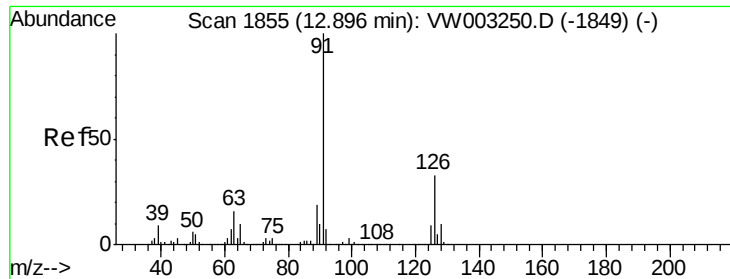
apatel
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#78
n-propylbenzene
Concen: 51.85 ug/l
RT: 12.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VW003526.D
Acq: 24 Jun 2018 21:58

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.5	11.3	33.8





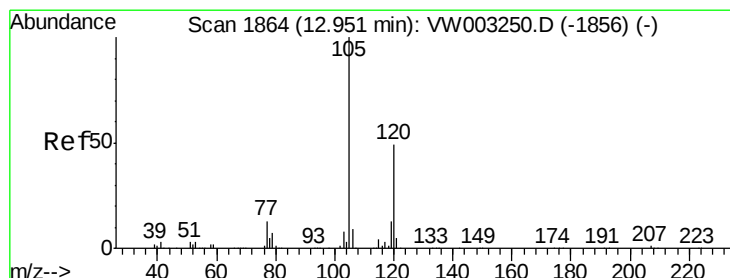
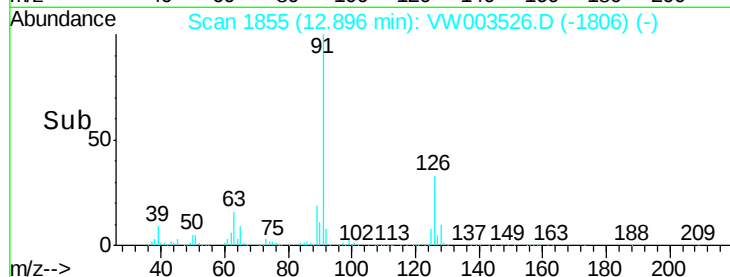
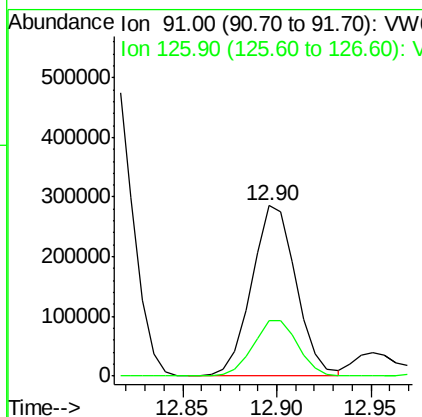
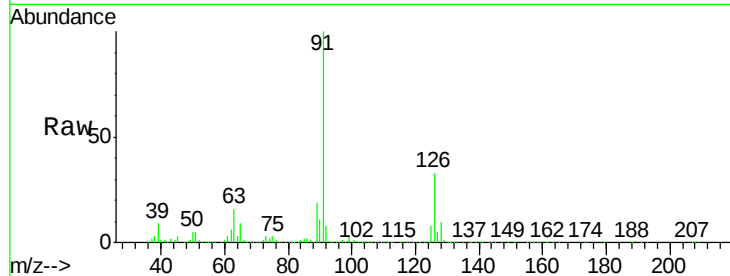
#79
 2-Chlorotoluene
 Concen: 52.56 ug/l
 RT: 12.90 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW003526.D
 Acq: 24 Jun 2018 21:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 465227
 Ion Ratio Lower Upper
 91 100
 126 33.1 16.8 50.4

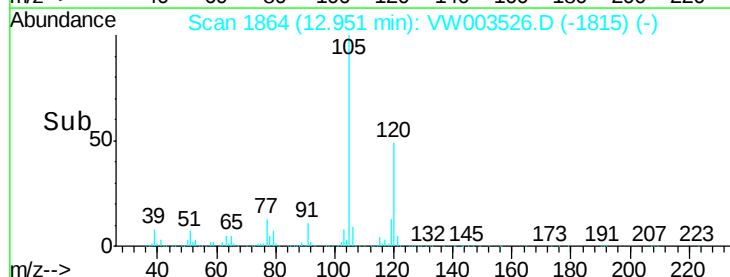
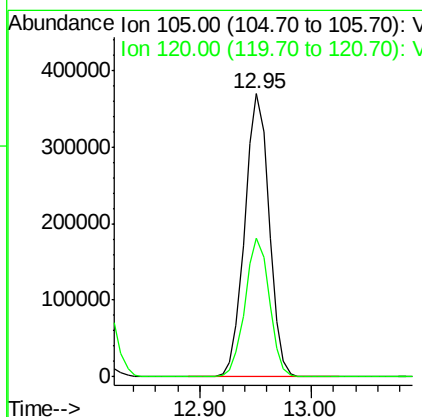
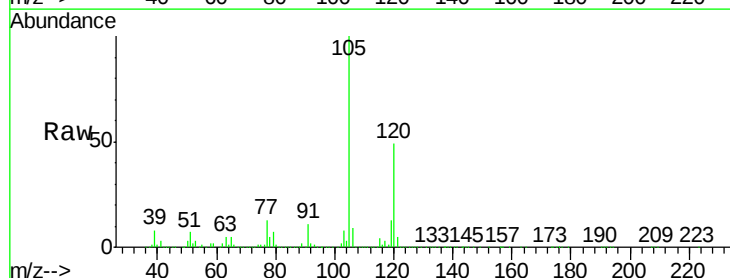
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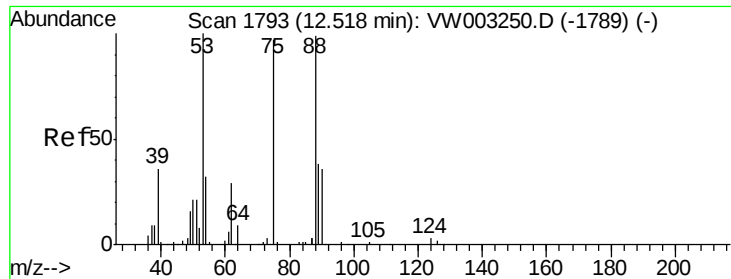
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#80
 1,3,5-Trimethylbenzene
 Concen: 52.10 ug/l
 RT: 12.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VW003526.D
 Acq: 24 Jun 2018 21:58

Tgt Ion: 105 Resp: 559347
 Ion Ratio Lower Upper
 105 100
 120 49.1 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 53.64 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VW003526.D

Acq: 24 Jun 2018 21:58

Instrument :

MSVOA_W

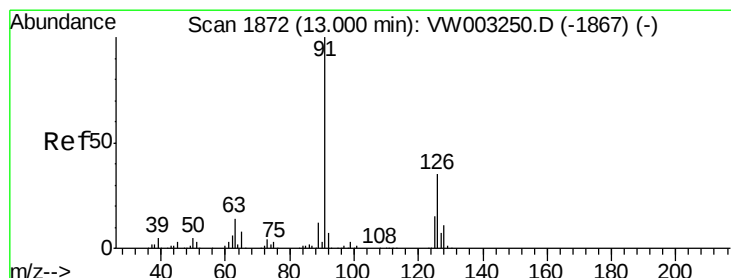
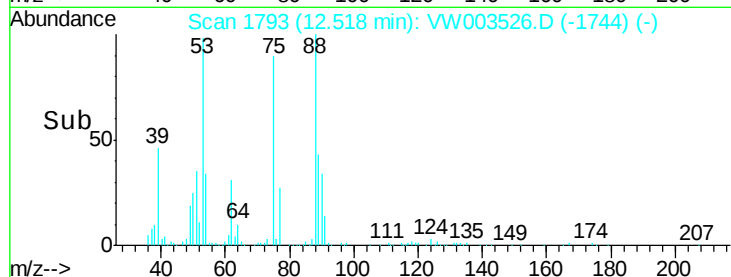
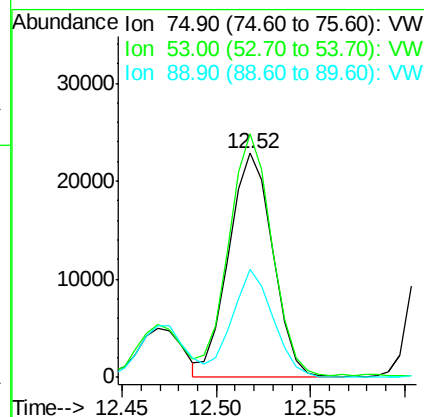
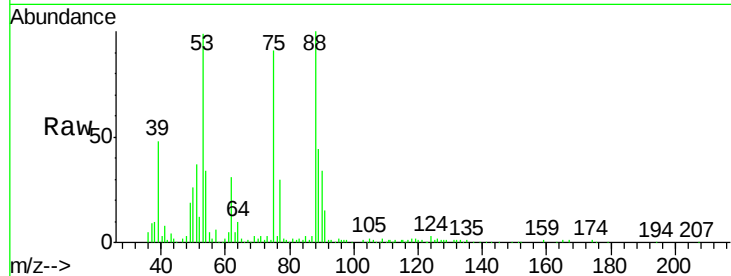
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	36645
Ion	Ratio	Lower	Upper
75	100		
53	106.6	82.9	124.3
89	45.6	36.7	55.1

Manual Integrations
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#82

4-Chlorotoluene

Concen: 50.84 ug/l

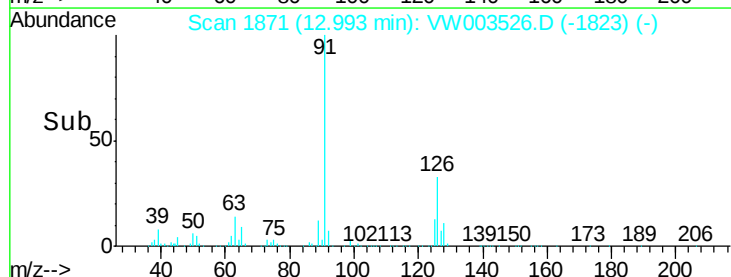
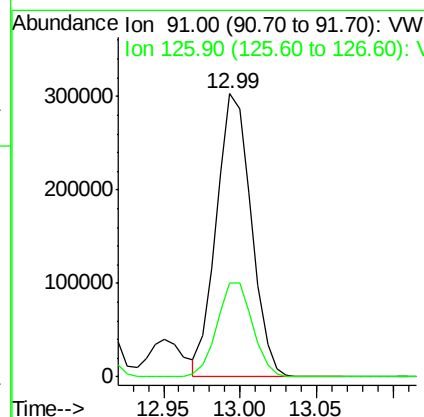
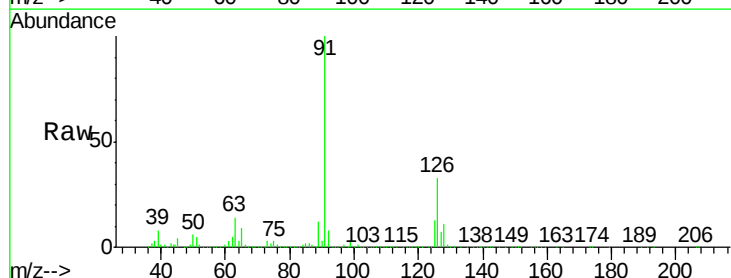
RT: 12.99 min Scan# 1871

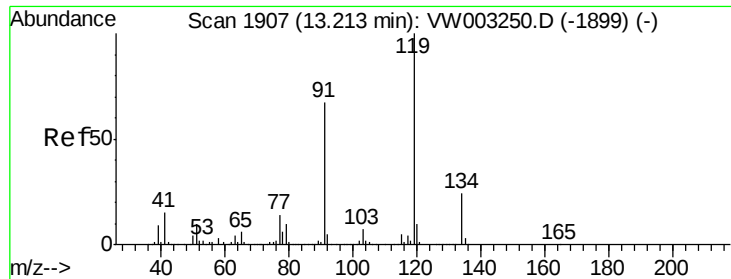
Delta R.T. -0.01 min

Lab File: VW003526.D

Acq: 24 Jun 2018 21:58

Tgt Ion:	91	Resp:	477333
Ion	Ratio	Lower	Upper
91	100		
126	34.2	16.8	50.3





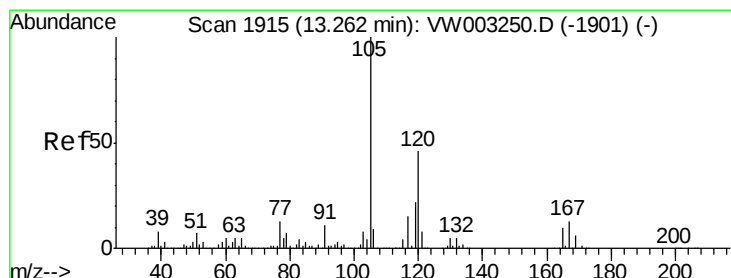
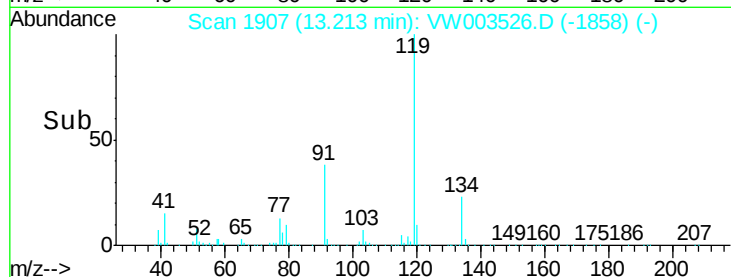
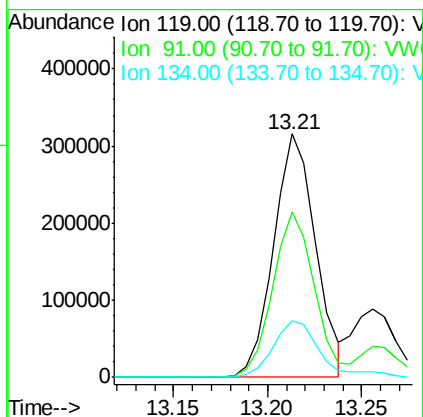
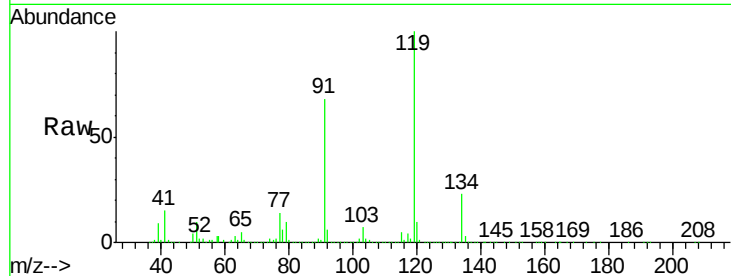
#83
tert-Butylbenzene
Concen: 53.23 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. -0.00 min
Lab File: VW003526.D
Acq: 24 Jun 2018 21:58

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	68.0	33.9	101.7
134	26.1	13.4	40.1

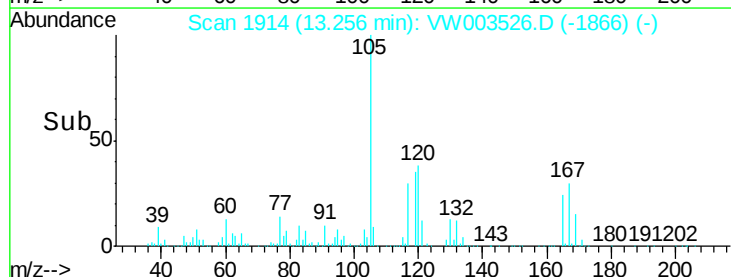
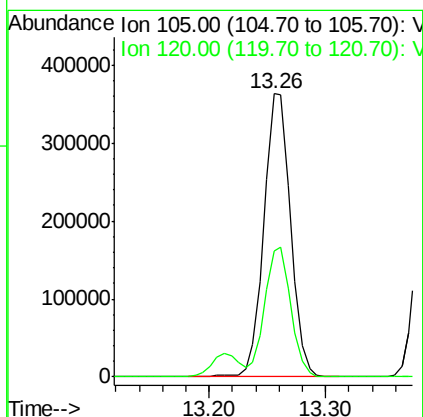
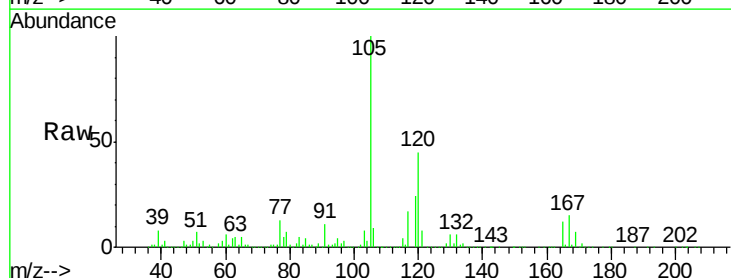
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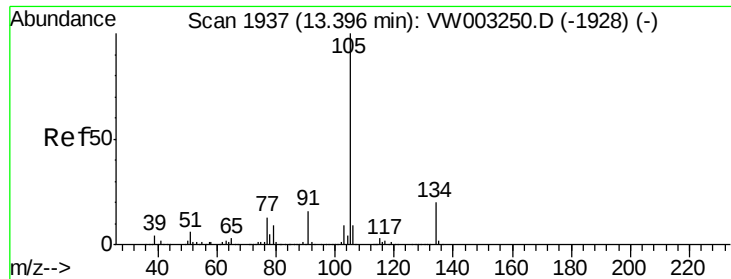
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#84
1,2,4-Trimethylbenzene
Concen: 52.47 ug/l
RT: 13.26 min Scan# 1914
Delta R.T. -0.01 min
Lab File: VW003526.D
Acq: 24 Jun 2018 21:58

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.7	22.5	67.5





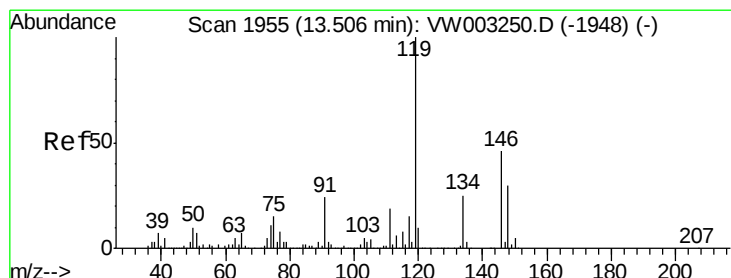
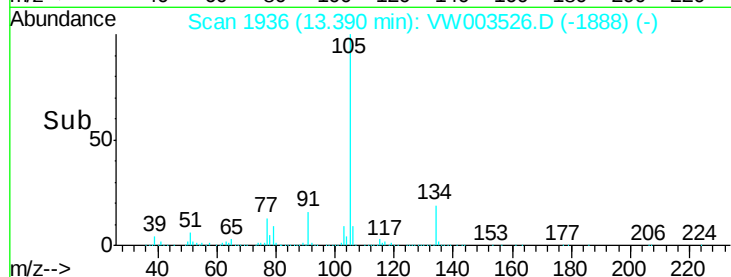
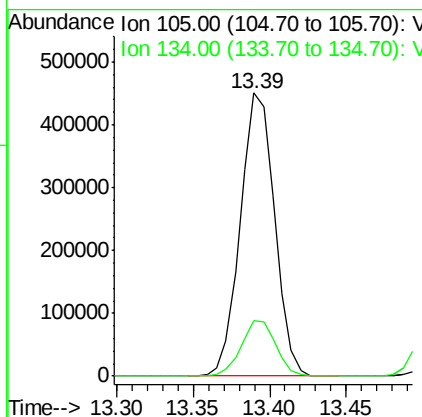
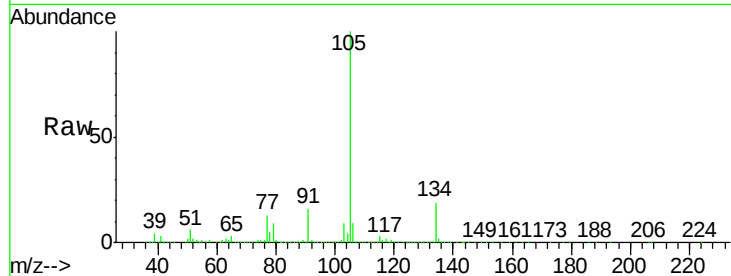
#85
 sec-Butylbenzene
 Concen: 51.61 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: VW003526.D
 Acq: 24 Jun 2018 21:58

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.8	9.8	29.5

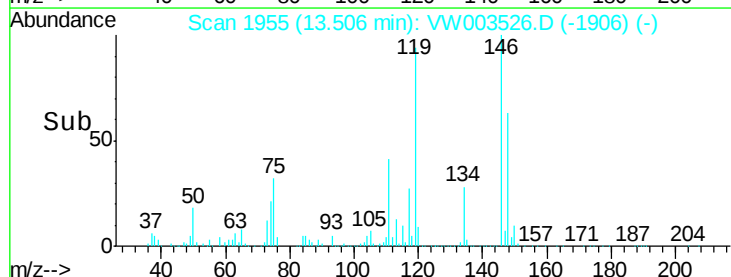
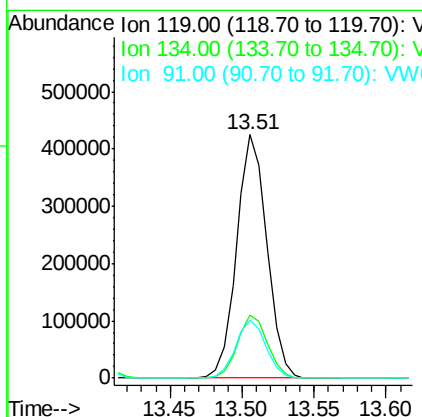
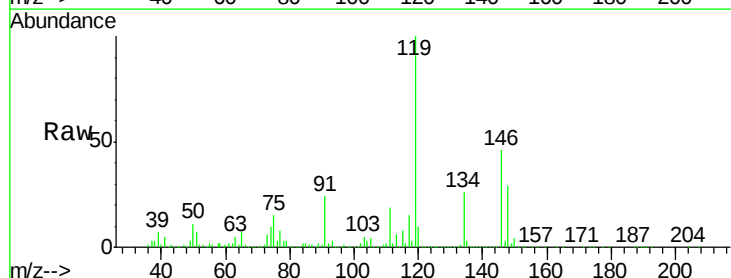
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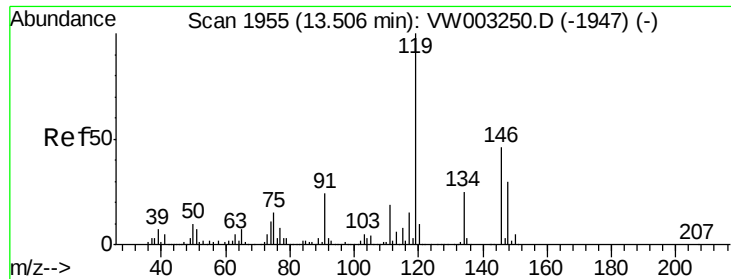
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#86
 p-Isopropyltoluene
 Concen: 51.47 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW003526.D
 Acq: 24 Jun 2018 21:58

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.9	12.9	38.7
91	23.9	11.8	35.3





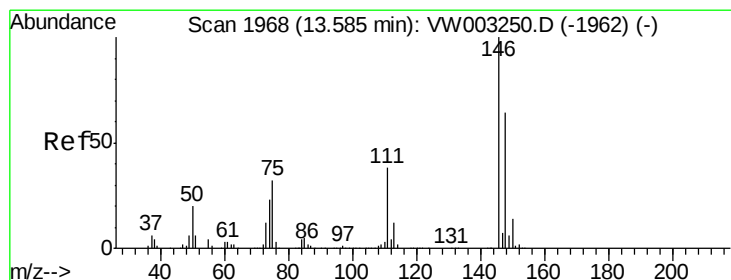
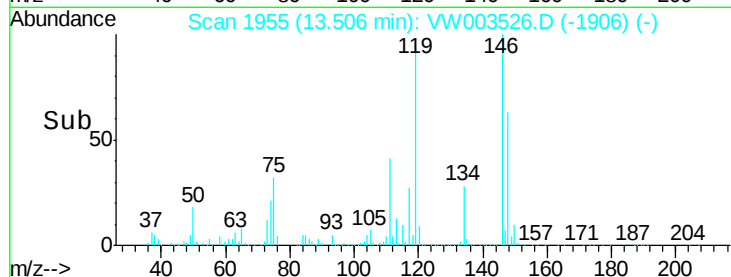
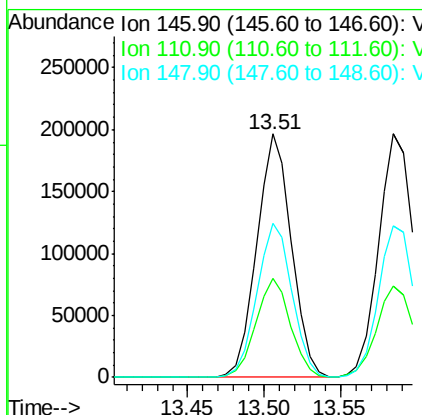
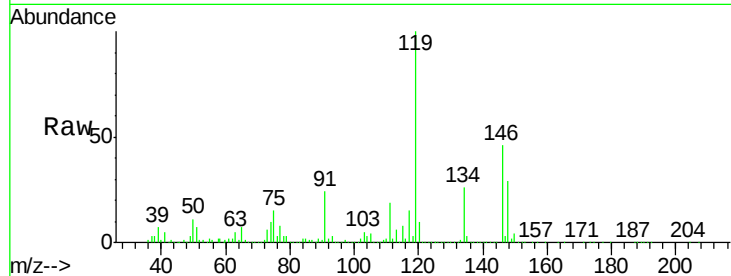
#87
1,3-Dichlorobenzene
Concen: 50.50 ug/l
RT: 13.51 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW003526.D
Acq: 24 Jun 2018 21:58

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	19.8	59.4
148	64.2	32.1	96.5

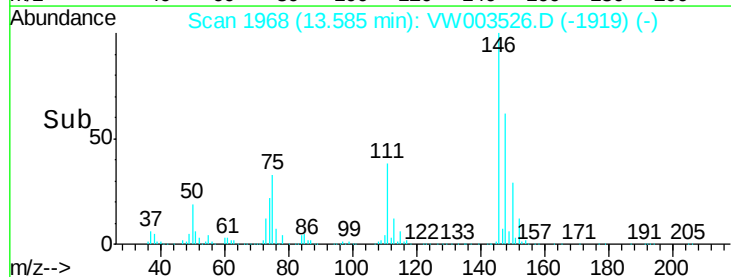
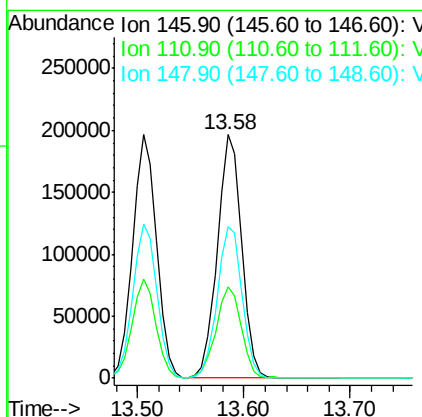
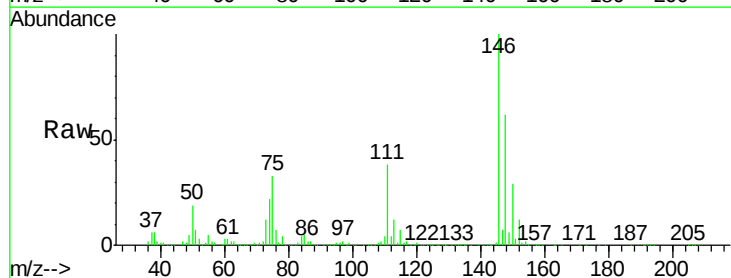
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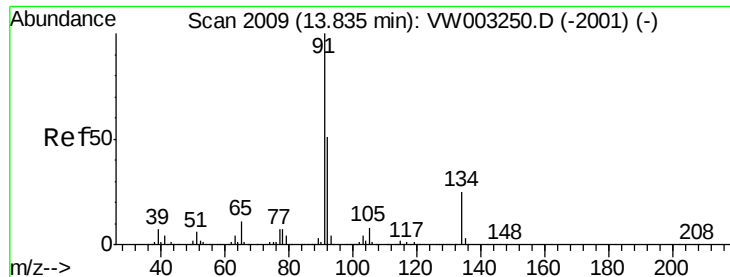
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#88
1,4-Dichlorobenzene
Concen: 51.07 ug/l
RT: 13.58 min Scan# 1968
Delta R.T. -0.00 min
Lab File: VW003526.D
Acq: 24 Jun 2018 21:58

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.2	57.6
148	63.6	31.8	95.4





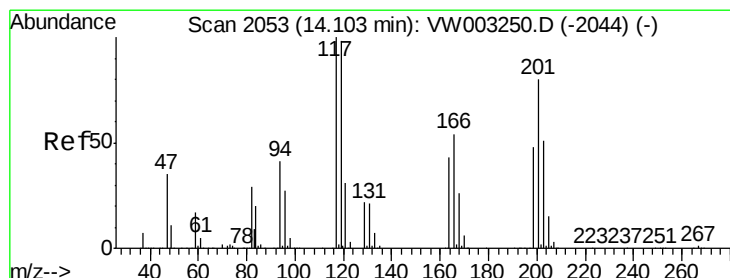
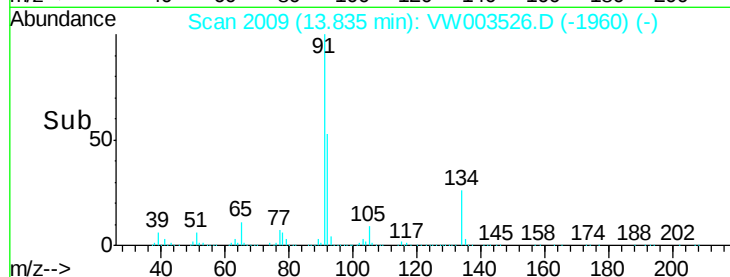
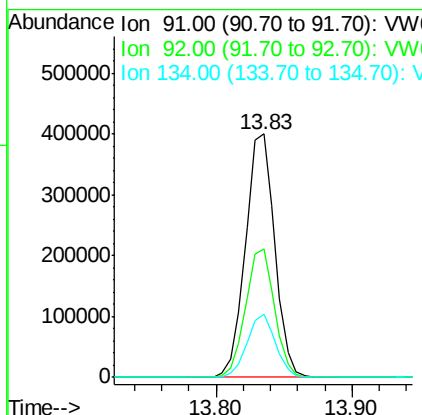
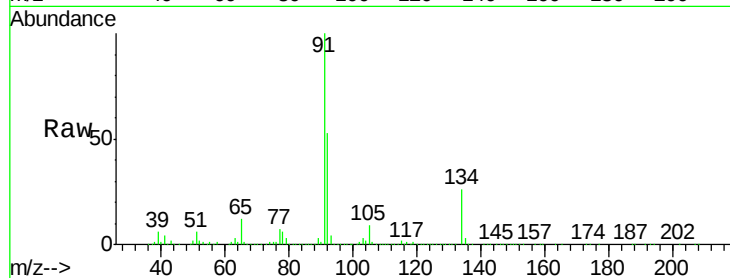
#89
n-Butylbenzene
Concen: 51.41 ug/l
RT: 13.83 min Scan# 2009
Delta R.T. -0.00 min
Lab File: VW003526.D
Acq: 24 Jun 2018 21:58

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.0	26.0	78.0
134	25.3	12.7	38.0

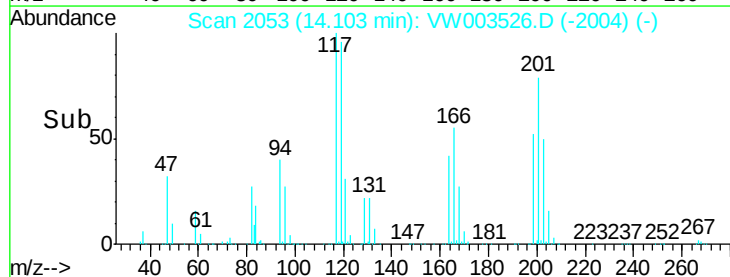
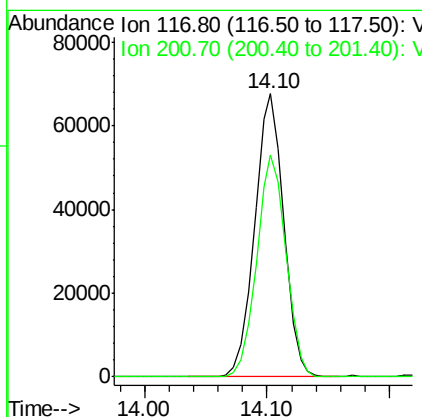
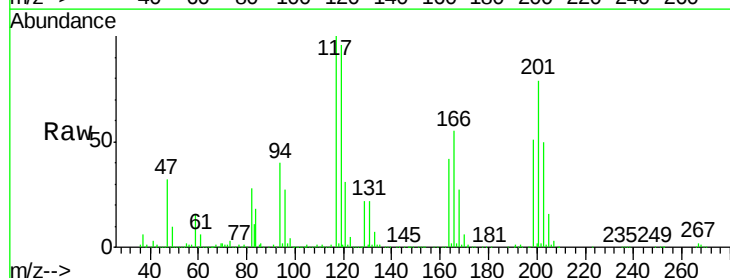
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#90
Hexachloroethane
Concen: 51.32 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. -0.00 min
Lab File: VW003526.D
Acq: 24 Jun 2018 21:58

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.1	39.5	118.5





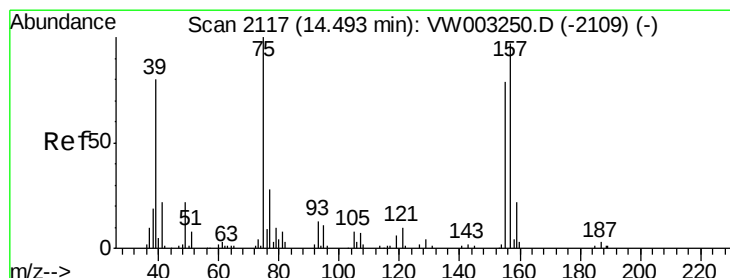
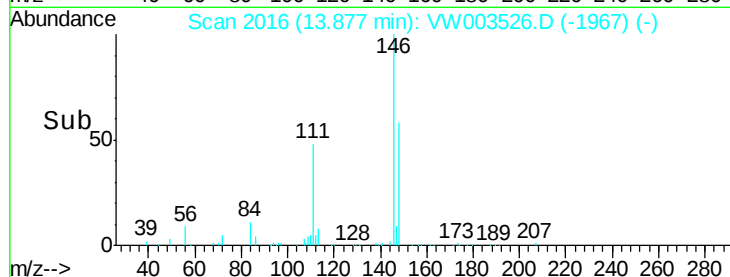
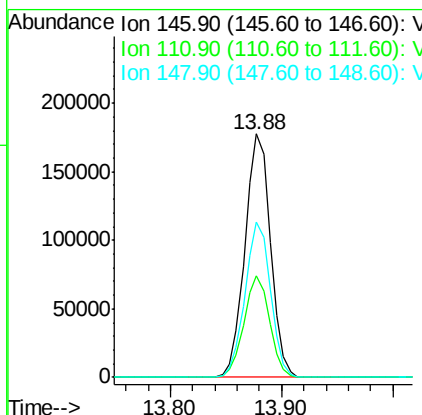
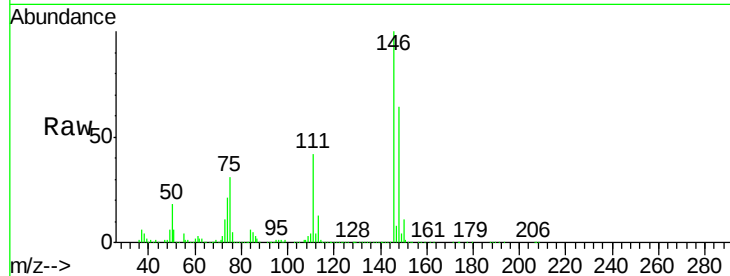
#91
 1,2-Dichlorobenzene
 Concen: 52.82 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: VW003526.D
 Acq: 24 Jun 2018 21:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.3	61.0
148	63.6	32.3	96.9

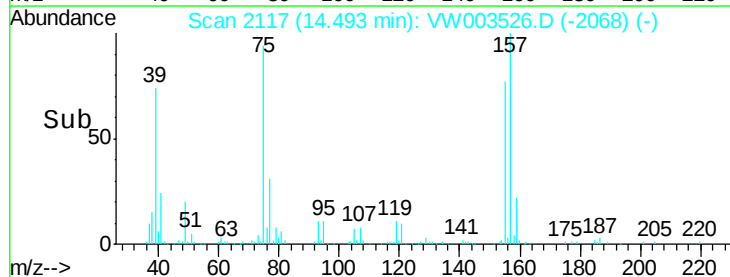
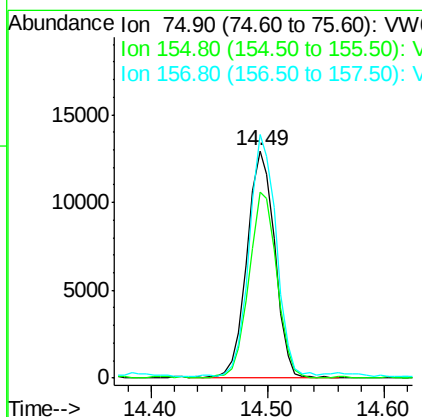
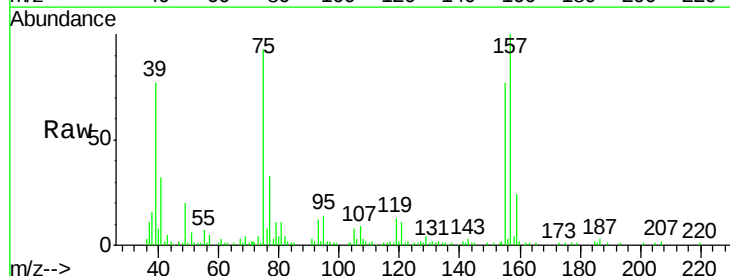
Manual Integrations
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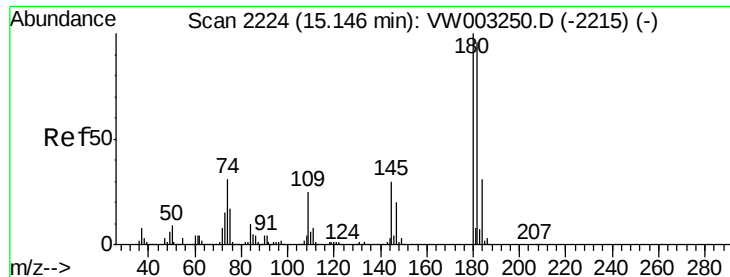
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 59.52 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VW003526.D
 Acq: 24 Jun 2018 21:58

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.1	39.4	118.2
157	103.8	51.5	154.5





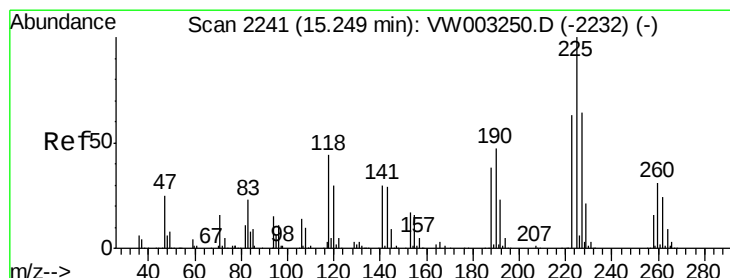
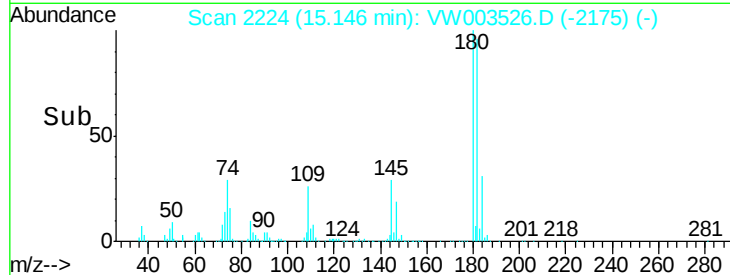
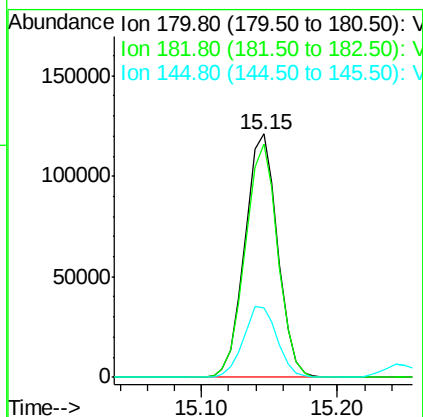
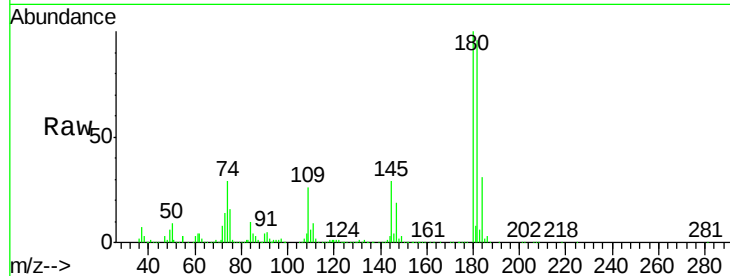
#93
 1,2,4-Trichlorobenzene
 Concen: 54.21 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. -0.00 min
 Lab File: VW003526.D
 Acq: 24 Jun 2018 21:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.9	143.6
145	29.9	15.2	45.5

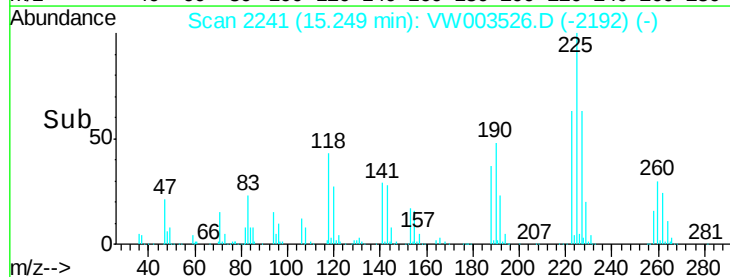
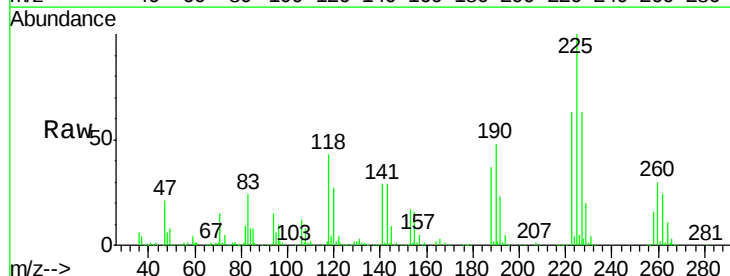
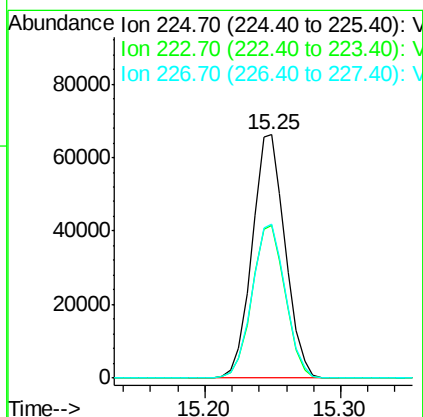
Manual Integrations
 APPROVED

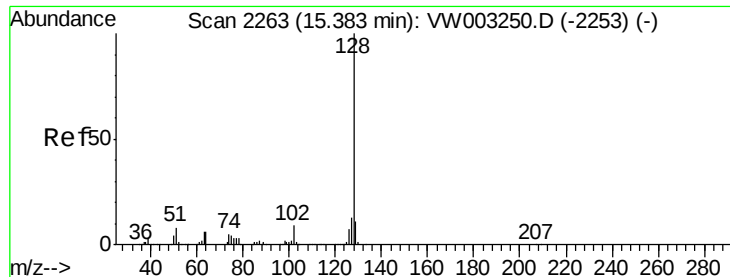
apatel
 6/26/2018 4:15:01 PM



#94
 Hexachlorobutadiene
 Concen: 49.73 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. -0.00 min
 Lab File: VW003526.D
 Acq: 24 Jun 2018 21:58

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	30.6	92.0
227	64.1	31.7	95.1





#95

Naphthalene

Concen: 61.74 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. -0.01 min

Lab File: VW003526.D

Acq: 24 Jun 2018 21:58

Instrument :

MSVOA_W

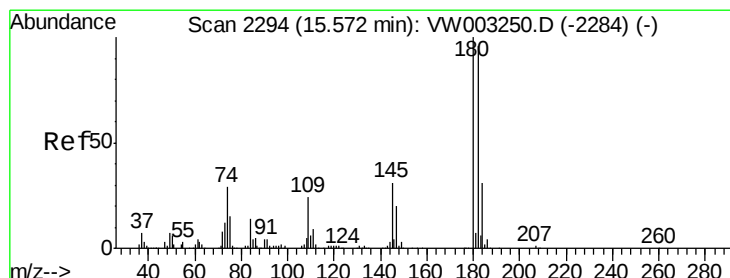
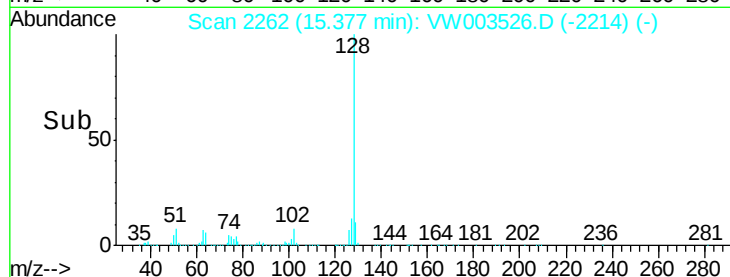
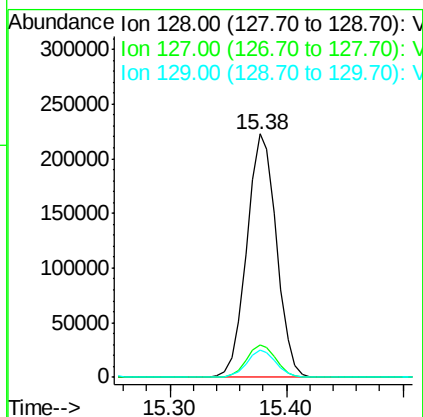
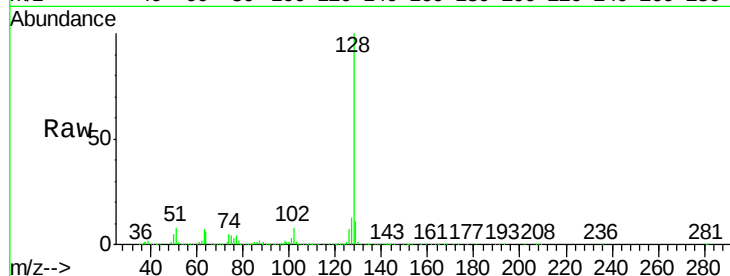
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	394092
Ion Ratio	Lower	Upper	
128	100		
127	13.5	10.5	15.7
129	11.0	8.9	13.3

Manual Integrations
APPROVED

apatel
6/26/2018 4:15:01 PM



#96

1,2,3-Trichlorobenzene

Concen: 54.92 ug/l

RT: 15.57 min Scan# 2293

Delta R.T. -0.01 min

Lab File: VW003526.D

Acq: 24 Jun 2018 21:58

Tgt Ion:	180	Resp:	181922
Ion Ratio	Lower	Upper	
180	100		
182	95.8	47.9	143.6
145	32.7	15.8	47.4

