

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062918\
 Data File : VW003676.D
 Acq On : 29 Jun 2018 22:00
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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apatel
 7/2/2018 11:00:44 AM

Quant Time: Jun 30 05:17:40 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	190937	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	293759	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	280646	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	154195	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	113936	55.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.18%	
35) Dibromofluoromethane	7.88	113	99228	54.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.72%	
50) Toluene-d8	10.33	98	389693	53.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.68%	
62) 4-Bromofluorobenzene	12.62	95	146968	57.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	29589	51.26	ug/l	95
3) Chloromethane	2.21	50	67064	45.98	ug/l	98
4) Vinyl Chloride	2.36	62	101962	47.96	ug/l	99
5) Bromomethane	2.78	94	68518	48.49	ug/l	99
6) Chloroethane	2.92	64	66104	44.67	ug/l	98
7) Trichlorofluoromethane	3.25	101	57666	45.27	ug/l	96
8) Diethyl Ether	3.67	74	51929	55.50	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.06	101	92142	52.09	ug/l	99
10) Methyl Iodide	4.26	142	136306	50.96	ug/l	99
11) Tert butyl alcohol	5.23	59	34508	311.12	ug/l #	84
12) 1,1-Dichloroethene	4.03	96	88617	51.27	ug/l	98
13) Acrolein	3.89	56	33738	212.75	ug/l	95
14) Allyl chloride	4.65	41	157394	52.57	ug/l	99
15) Acrylonitrile	5.37	53	121436	315.44	ug/l	100
16) Acetone	4.14	43	114966	265.05	ug/l	98
17) Carbon Disulfide	4.37	76	243419	47.64	ug/l	99
18) Methyl Acetate	4.67	43	68399	66.47	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	190537	58.86	ug/l	96
20) Methylene Chloride	4.91	84	110435	60.72	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	100502	53.43	ug/l	100
22) Diisopropyl ether	6.31	45	356822	59.22	ug/l	97
23) Vinyl Acetate	6.26	43	1036016	298.36	ug/l	100
24) 1,1-Dichloroethane	6.21	63	203095	56.78	ug/l	98
25) 2-Butanone	7.18	43	167615	310.77	ug/l	98
26) 2,2-Dichloropropane	7.17	77	116926	48.98	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	115276	55.78	ug/l	99
28) Bromochloromethane	7.51	49	94701	63.62	ug/l	97
29) Tetrahydrofuran	7.54	42	104711	317.66	ug/l	99
30) Chloroform	7.68	83	208896	57.32	ug/l	99
31) Cyclohexane	7.95	56	164757	49.30	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	162543	54.03	ug/l	99
36) 1,1-Dichloropropene	8.08	75	157249	55.43	ug/l	99
37) Ethyl Acetate	7.26	43	74062	63.02	ug/l	99
38) Carbon Tetrachloride	8.07	117	151581	54.47	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	175806	53.56	ug/l	96
40) Benzene	8.32	78	448685	57.38	ug/l	100
41) Methacrylonitrile	7.49	41	48947	67.87	ug/l	96
42) 1,2-Dichloroethane	8.40	62	146236	59.69	ug/l	99
43) Isopropyl Acetate	8.43	43	146094	62.60	ug/l	99
44) Trichloroethene	9.09	130	113757	54.90	ug/l	99
45) 1,2-Dichloropropane	9.37	63	119069	59.80	ug/l	100
46) Dibromomethane	9.46	93	62191	61.01	ug/l	97
47) Bromodichloromethane	9.65	83	156093	59.74	ug/l	98
48) Methyl methacrylate	9.44	41	71298	65.01	ug/l	97
49) 1,4-Dioxane	9.48	88	19114	1241.86	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	396268	333.24	ug/l	100
52) Toluene	10.39	92	289209	57.67	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	157347	58.95	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	178472	58.75	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	86993	60.56	ug/l	98
56) Ethyl methacrylate	10.65	69	111318	63.82	ug/l	96
57) 1,3-Dichloropropane	10.93	76	153605	62.00	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	249053	318.51	ug/l	98
59) 2-Hexanone	10.98	43	277202	333.69	ug/l	100
60) Dibromochloromethane	11.13	129	104554	61.21	ug/l	99
61) 1,2-Dibromoethane	11.24	107	82045	60.38	ug/l	99
64) Tetrachloroethene	10.87	164	99743	53.14	ug/l	99
65) Chlorobenzene	11.66	112	321545	55.02	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	115547	56.26	ug/l	99
67) Ethyl Benzene	11.74	91	574273	55.43	ug/l	100
68) m/p-Xylenes	11.85	106	437817	111.18	ug/l	100
69) o-Xylene	12.17	106	207939	56.97	ug/l	100
70) Styrene	12.19	104	354952	58.43	ug/l	99
71) Bromoform	12.35	173	63282	59.45	ug/l	100
73) Isopropylbenzene	12.47	105	575442	53.65	ug/l	100
74) N-amyl acetate	12.28	43	145459	59.59	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	107925	59.48	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	74753m	56.71	ug/l	
77) Bromobenzene	12.76	156	135663	54.31	ug/l	96
78) n-propylbenzene	12.81	91	711779	54.20	ug/l	100
79) 2-Chlorotoluene	12.90	91	403573	54.38	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	491583	54.61	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	32532	56.79	ug/l	96
82) 4-Chlorotoluene	12.99	91	424119	53.87	ug/l	99
83) tert-Butylbenzene	13.21	119	414317	54.00	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	511700	55.26	ug/l	100
85) sec-Butylbenzene	13.39	105	613130	53.77	ug/l	100
86) p-Isopropyltoluene	13.51	119	541627	53.85	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	277361	54.06	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	272990	53.52	ug/l	99
89) n-Butylbenzene	13.83	91	532182	54.28	ug/l	99
90) Hexachloroethane	14.10	117	99233	54.54	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	249706	55.56	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	18634	61.03	ug/l	98

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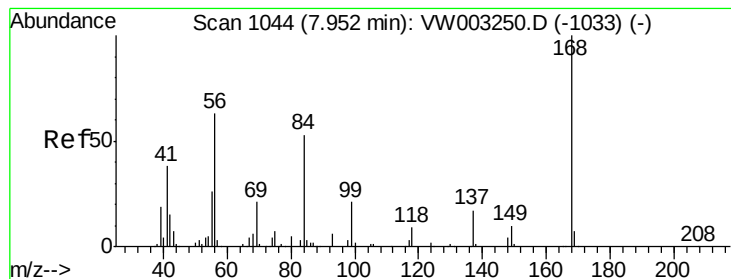
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	172126	54.55	ug/l	99
94) Hexachlorobutadiene	15.25	225	98564	51.93	ug/l	99
95) Naphthalene	15.38	128	316294	59.09	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	154390	55.59	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003676.D

Acq: 29 Jun 2018 22:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 190937

Ion Ratio Lower Upper

168 100

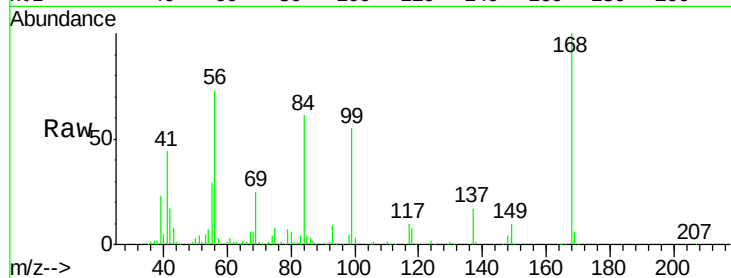
99 54.9 45.5 68.3

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

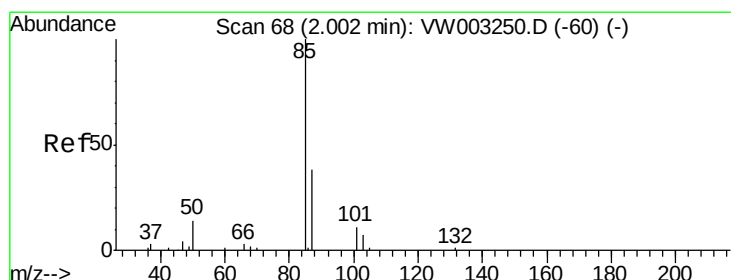
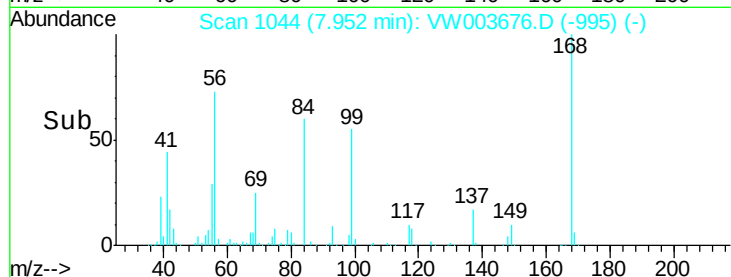
40000

20000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 51.26 ug/l

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW003676.D

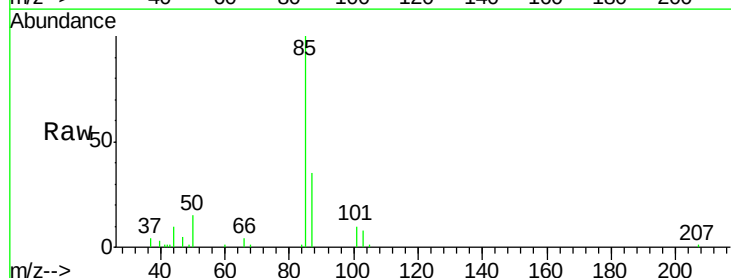
Acq: 29 Jun 2018 22:00

Tgt Ion: 85 Resp: 29589

Ion Ratio Lower Upper

85 100

87 34.9 18.9 56.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

10000

8000

6000

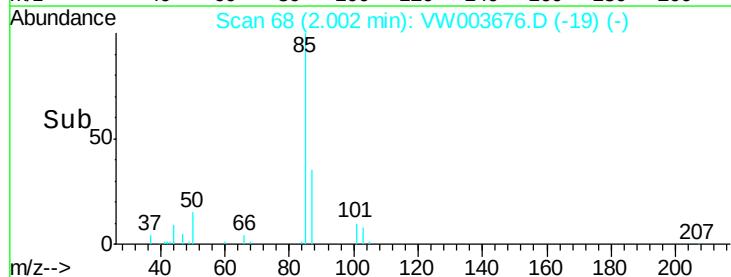
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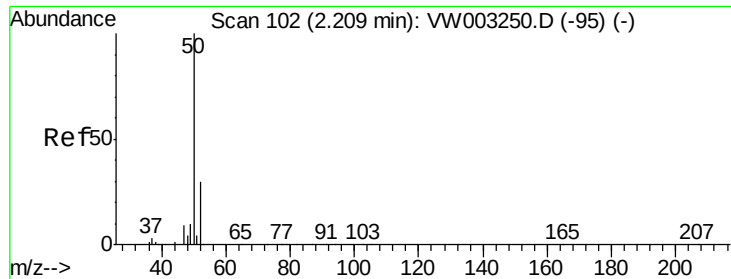
2000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 45.98 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW003676.D

Acq: 29 Jun 2018 22:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 67064

Ion Ratio Lower Upper

50 100

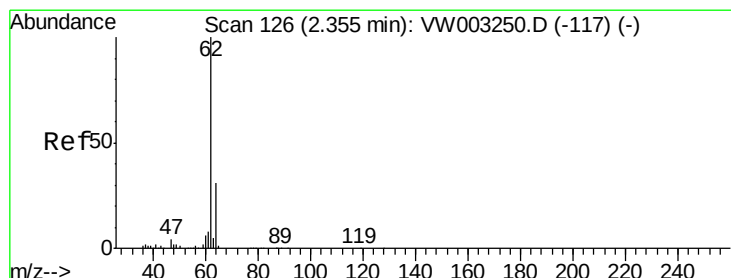
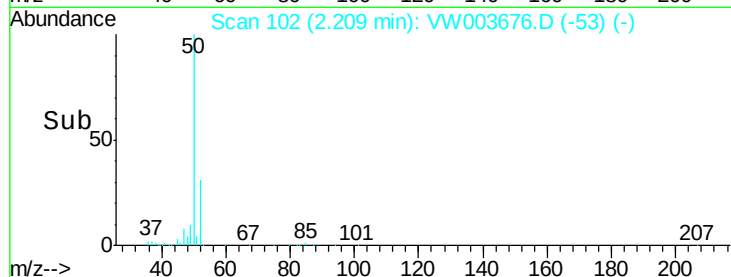
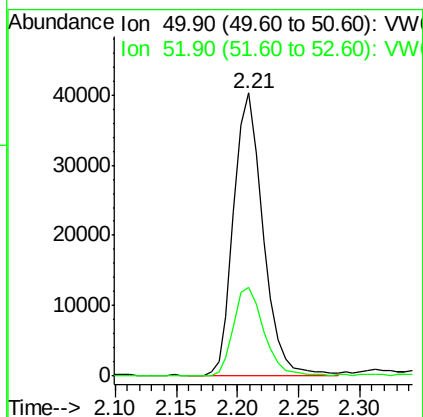
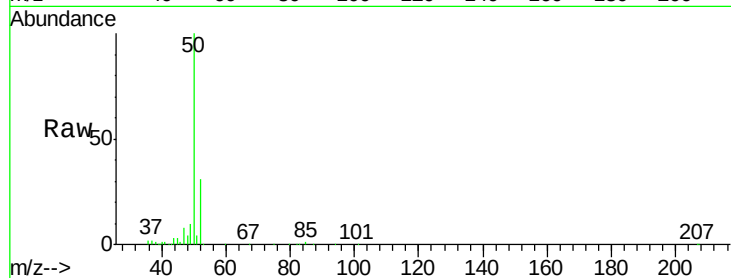
52 31.4 24.2 36.2

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#4

Vinyl Chloride

Concen: 47.96 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW003676.D

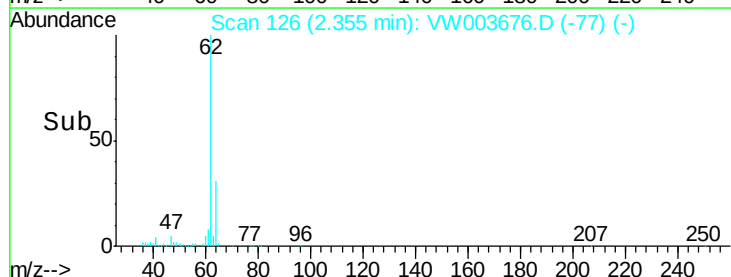
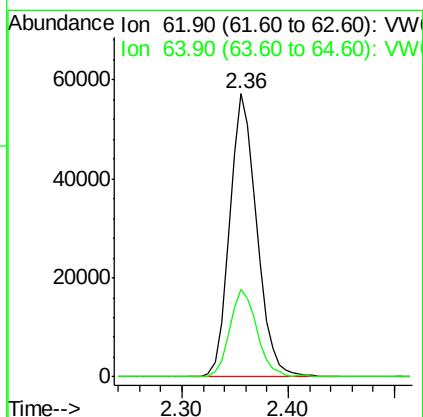
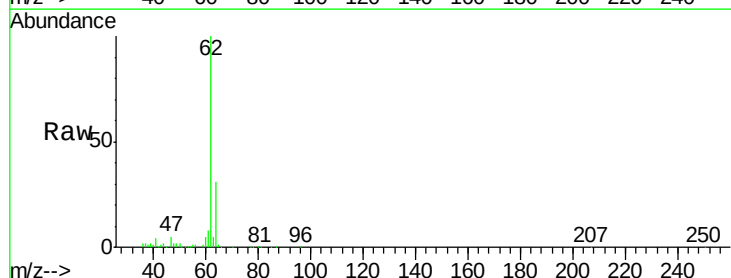
Acq: 29 Jun 2018 22:00

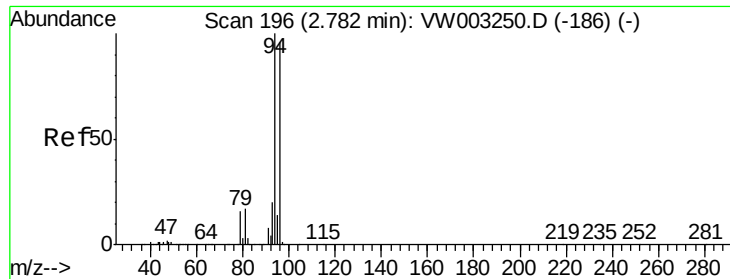
Tgt Ion: 62 Resp: 101962

Ion Ratio Lower Upper

62 100

64 30.7 24.9 37.3





#5

Bromomethane

Concen: 48.49 ug/l

RT: 2.78 min Scan# 195

Delta R.T. -0.01 min

Lab File: VW003676.D

Acq: 29 Jun 2018 22:00

Instrument :

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ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 68518

Ion Ratio Lower Upper

94 100

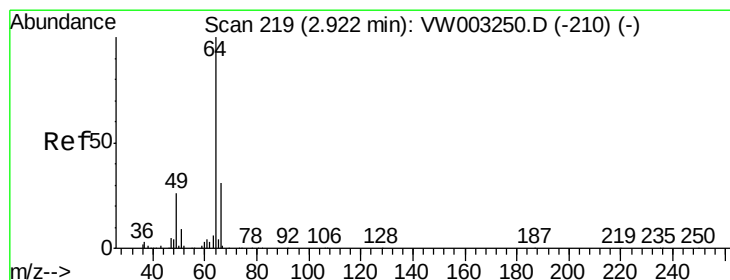
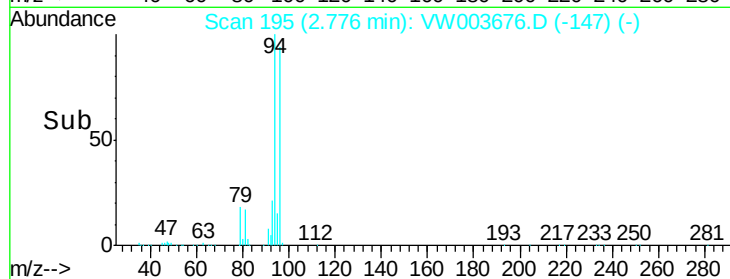
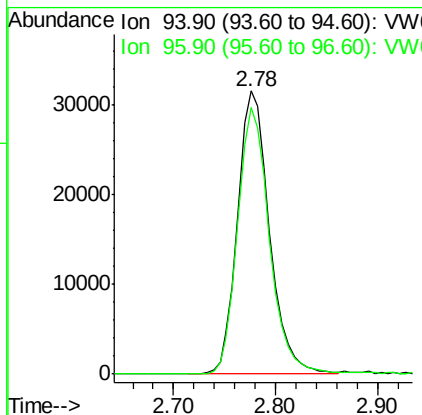
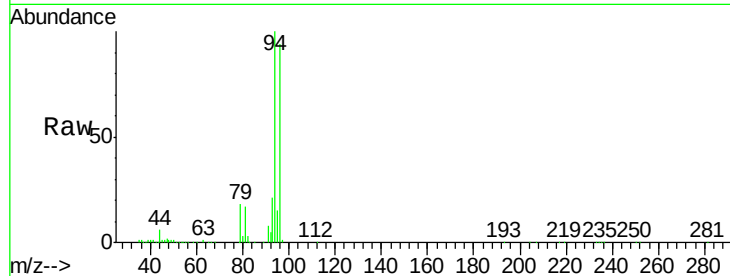
96 94.2 76.5 114.7

Manual Integrations

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#6

Chloroethane

Concen: 44.67 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.00 min

Lab File: VW003676.D

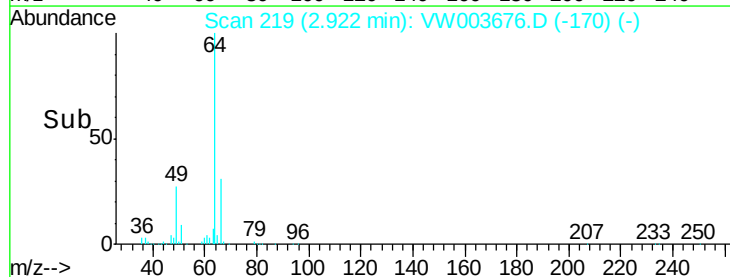
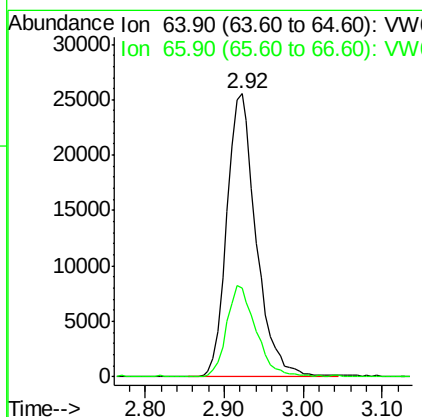
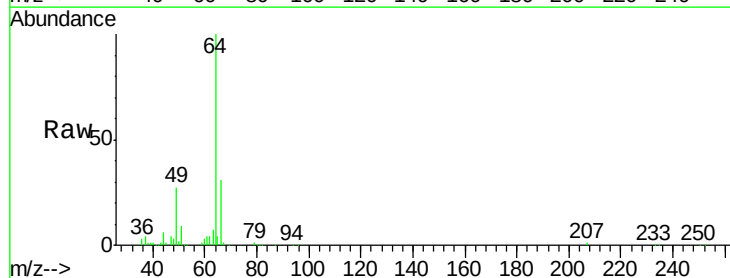
Acq: 29 Jun 2018 22:00

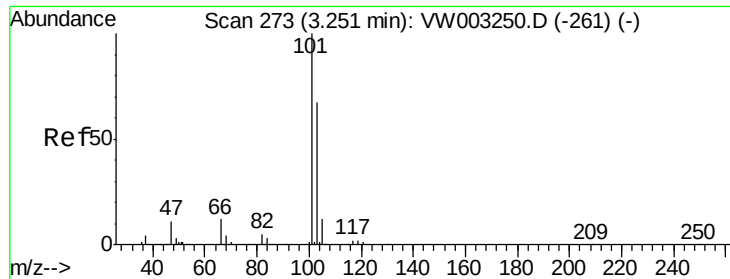
Tgt Ion: 64 Resp: 66104

Ion Ratio Lower Upper

64 100

66 31.4 24.4 36.6





#7

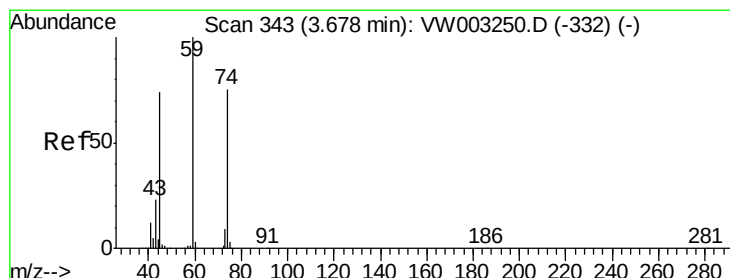
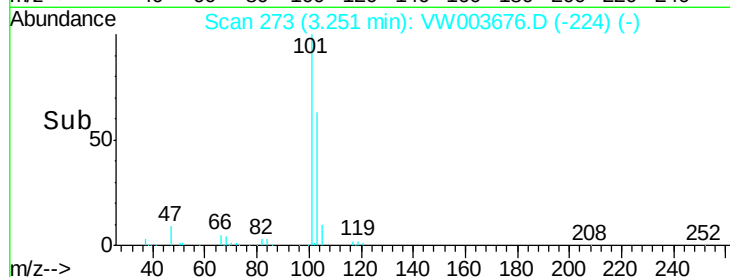
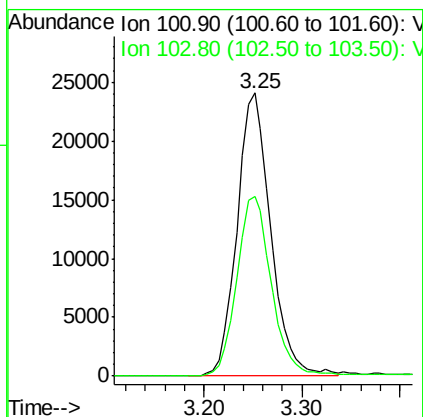
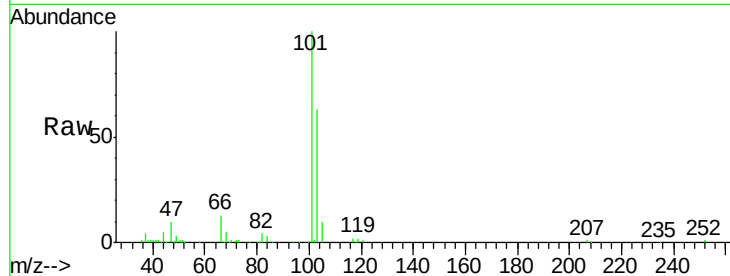
Trichlorofluoromethane
 Concen: 45.27 ug/l
 RT: 3.25 min Scan# 273
 Delta R.T. 0.00 min
 Lab File: VW003676.D
 Acq: 29 Jun 2018 22:00

Instrument :
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 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.4	53.4	80.0

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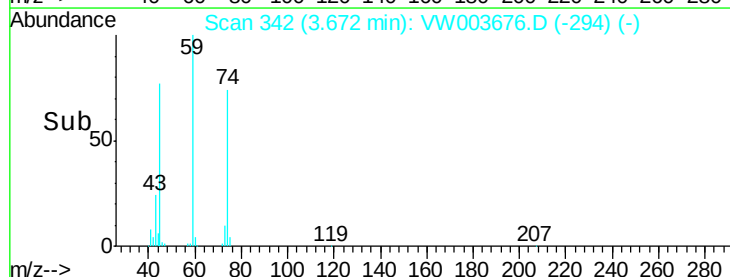
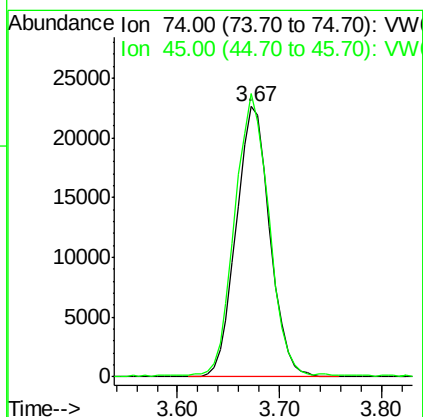
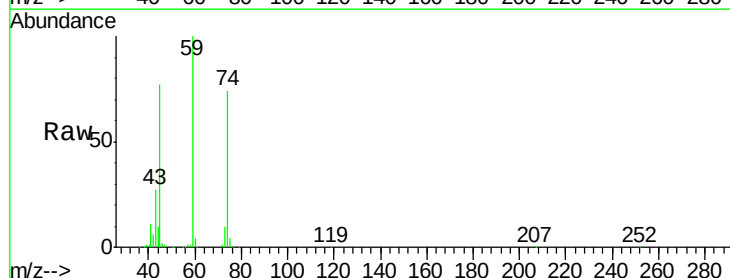
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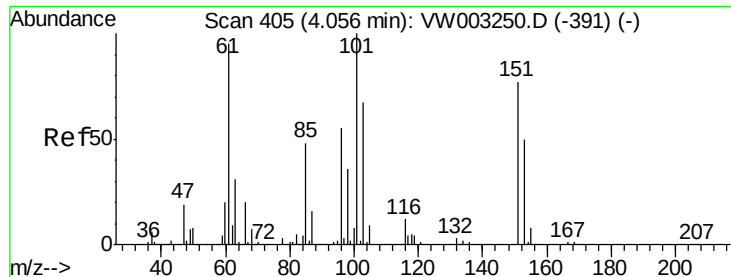


#8

Diethyl Ether
 Concen: 55.50 ug/l
 RT: 3.67 min Scan# 342
 Delta R.T. -0.01 min
 Lab File: VW003676.D
 Acq: 29 Jun 2018 22:00

Tgt Ion	Ratio	Lower	Upper
74	100		
45	108.4	51.4	154.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.09 ug/l

RT: 4.06 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW003676.D

Acq: 29 Jun 2018 22:00

Instrument :

MSVOA_W

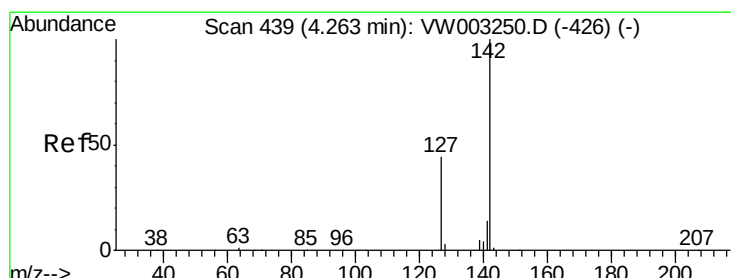
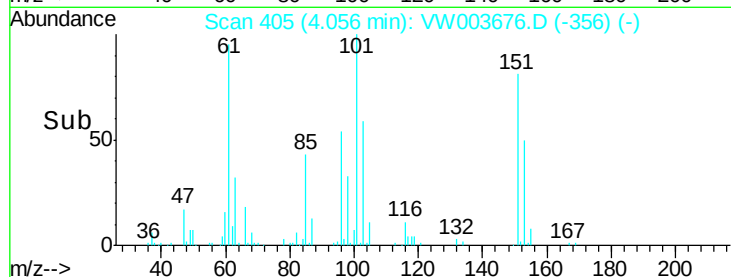
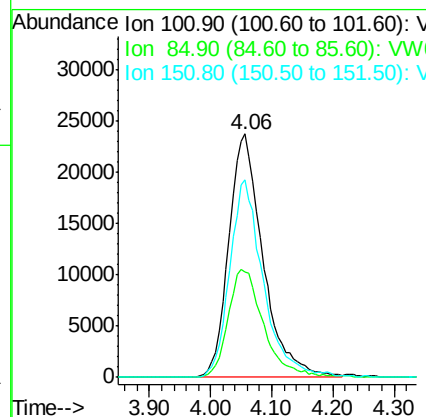
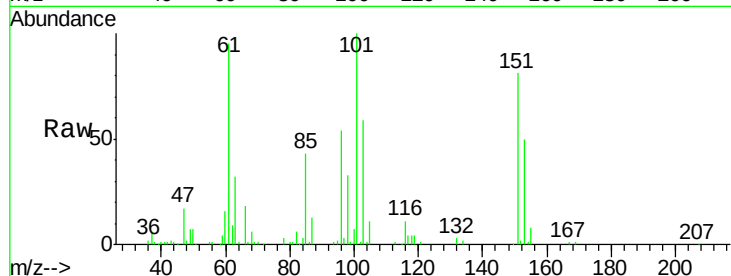
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	92142
Ion Ratio	Lower	Upper	
101	100		
85	45.6	37.0	55.6
151	79.5	63.3	94.9

Manual Integrations
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#10

Methyl Iodide

Concen: 50.96 ug/l

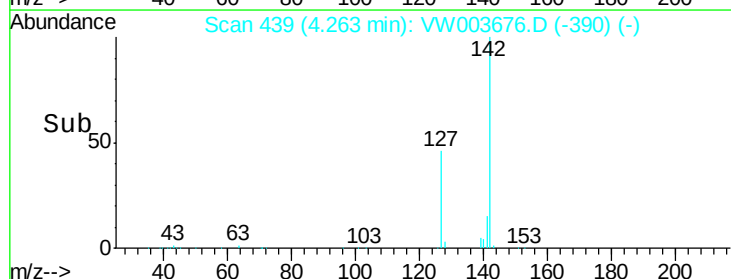
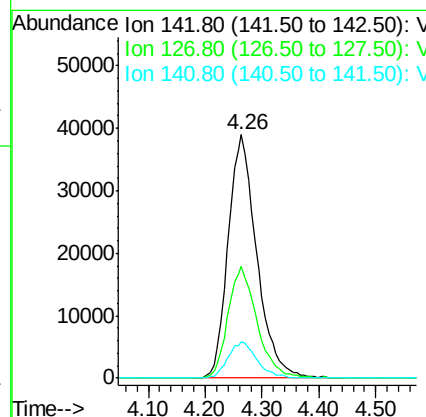
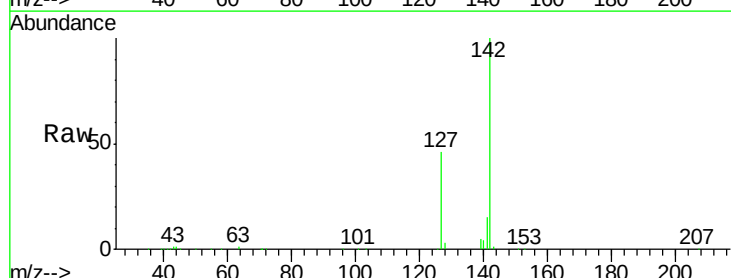
RT: 4.26 min Scan# 439

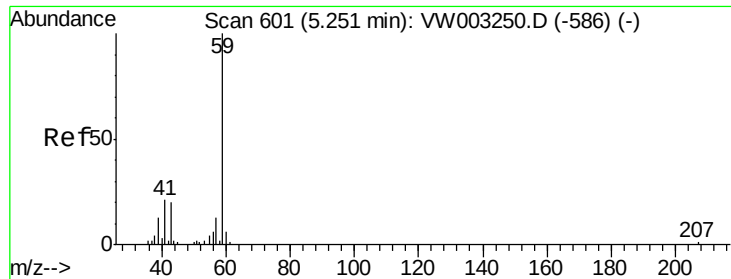
Delta R.T. 0.00 min

Lab File: VW003676.D

Acq: 29 Jun 2018 22:00

Tgt Ion:	142	Resp:	136306
Ion Ratio	Lower	Upper	
142	100		
127	46.3	36.5	54.7
141	15.1	12.1	18.1





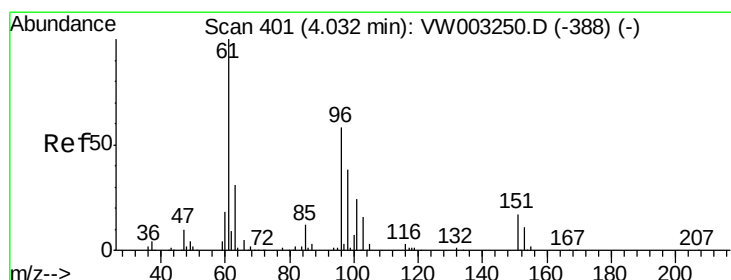
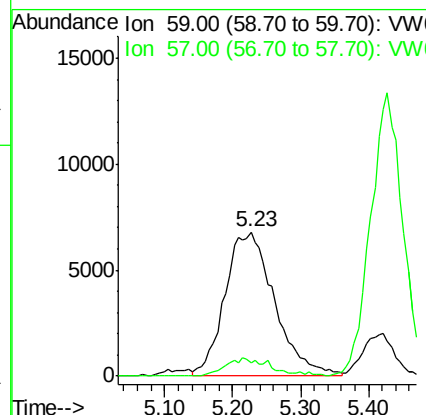
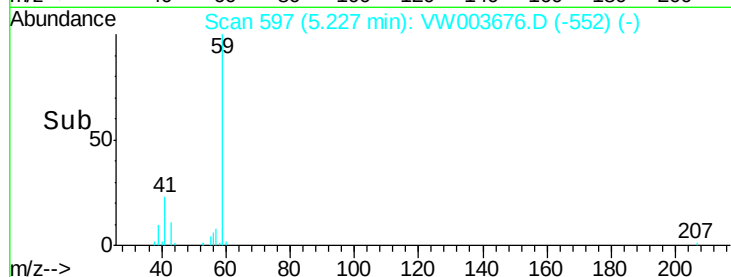
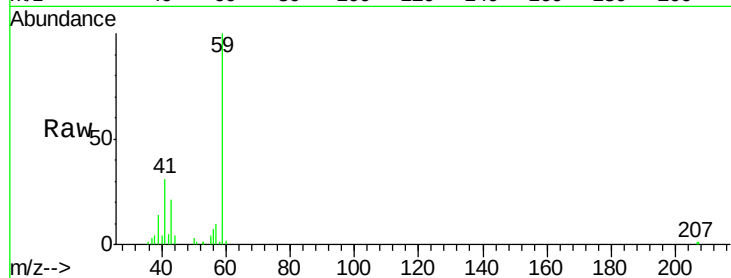
#11
Tert butyl alcohol
Concen: 311.12 ug/l
RT: 5.23 min Scan# 597
Delta R.T. -0.02 min
Lab File: VW003676.D
Acq: 29 Jun 2018 22:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 59 Resp: 34508
Ion Ratio Lower Upper
59 100
57 10.6 4.2 6.2#

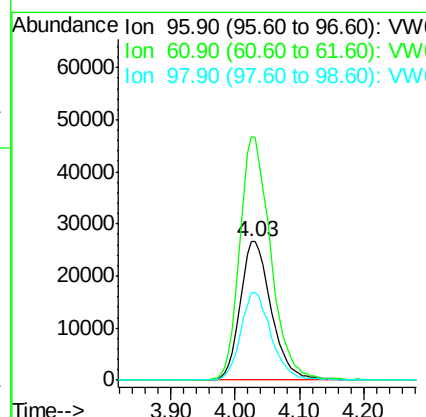
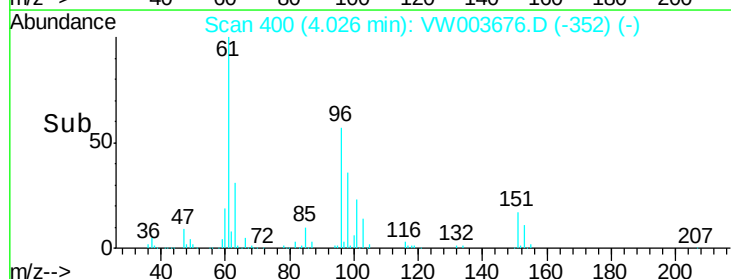
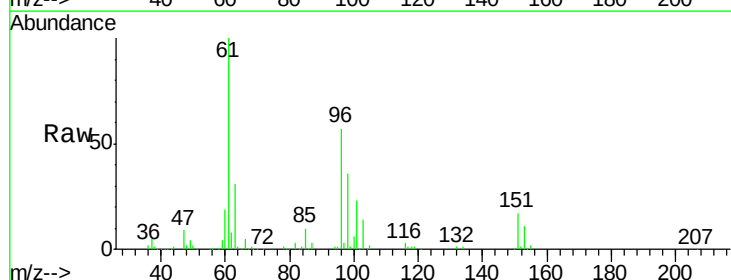
Manual Integrations
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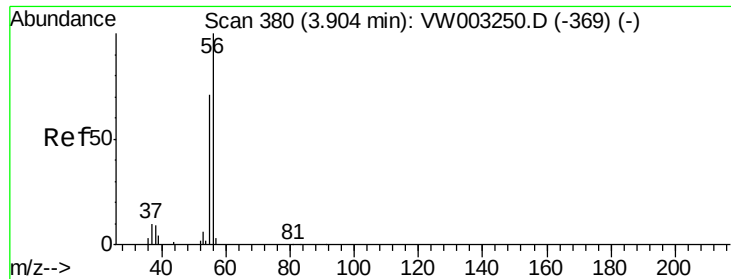
apatel
7/2/2018 11:00:44 AM



#12
1,1-Dichloroethene
Concen: 51.27 ug/l
RT: 4.03 min Scan# 400
Delta R.T. -0.01 min
Lab File: VW003676.D
Acq: 29 Jun 2018 22:00

Tgt Ion: 96 Resp: 88617
Ion Ratio Lower Upper
96 100
61 176.0 139.0 208.4
98 63.4 53.3 79.9





#13

Acrolein

Concen: 212.75 ug/l

RT: 3.89 min Scan# 378

Delta R.T. -0.01 min

Lab File: VW003676.D

Acq: 29 Jun 2018 22:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 33738

Ion Ratio Lower Upper

56 100

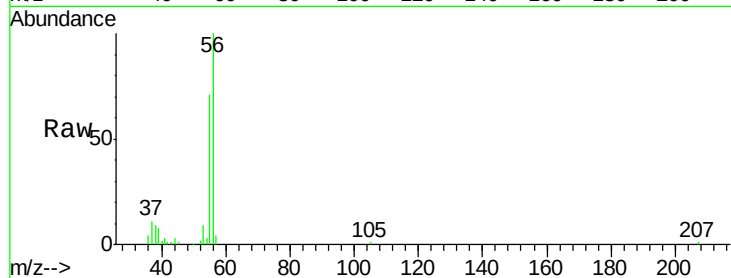
55 73.0 55.4 83.2

Manual Integrations

APPROVED

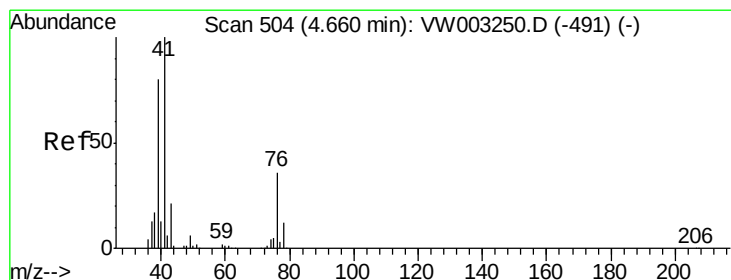
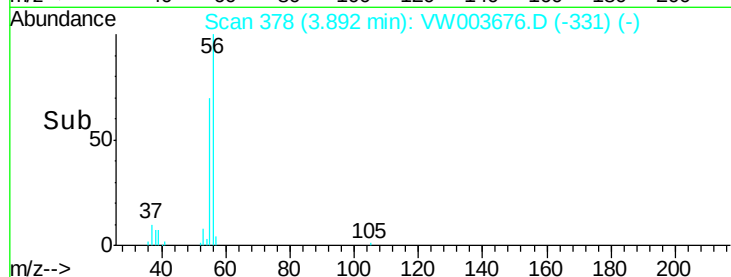
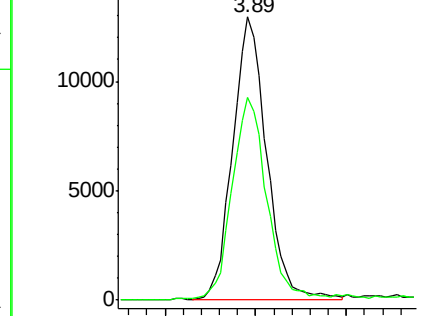
apatel

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Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 52.57 ug/l

RT: 4.65 min Scan# 503

Delta R.T. -0.01 min

Lab File: VW003676.D

Acq: 29 Jun 2018 22:00

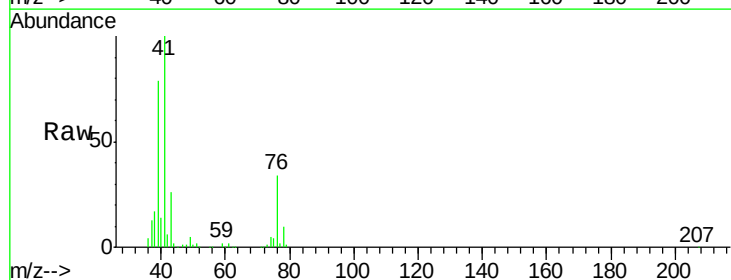
Tgt Ion: 41 Resp: 157394

Ion Ratio Lower Upper

41 100

39 78.1 63.2 94.8

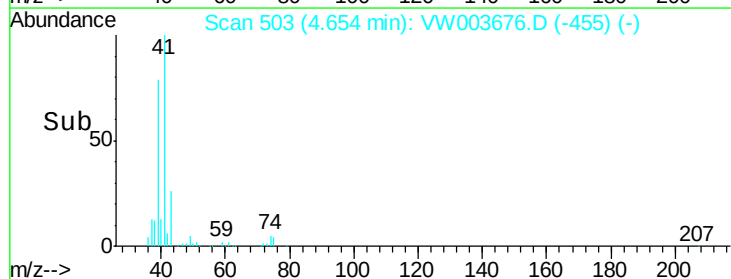
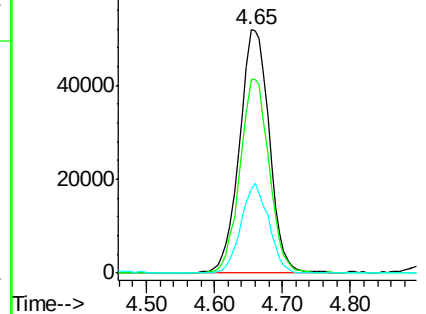
76 34.4 28.0 42.0

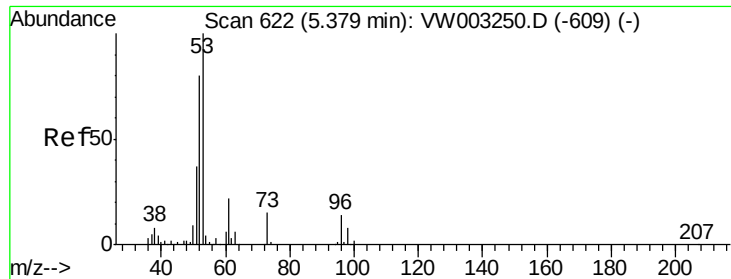


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 315.44 ug/l

RT: 5.37 min Scan# 621

Delta R.T. -0.01 min

Lab File: VW003676.D

Acq: 29 Jun 2018 22:00

Instrument :

MSVOA_W

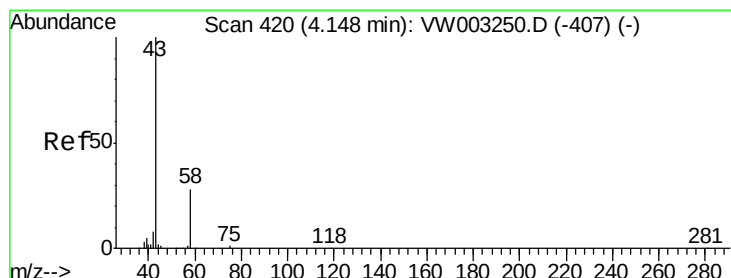
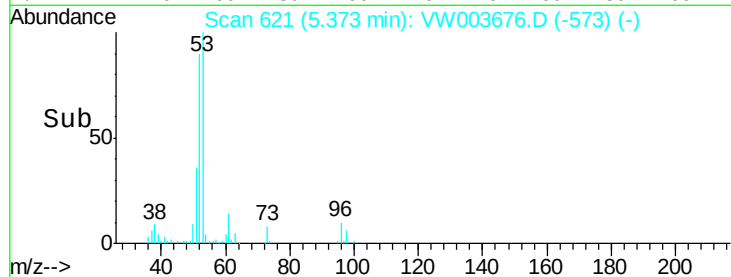
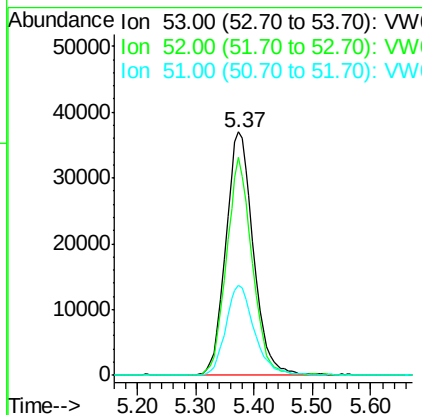
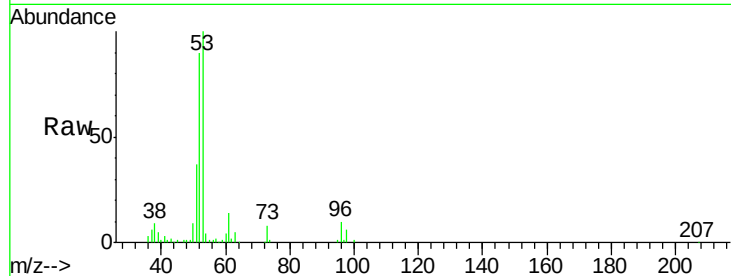
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	121436
Ion	Ratio	Lower	Upper
53	100		
52	83.1	66.6	100.0
51	38.4	30.6	46.0

Manual Integrations
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#16

Acetone

Concen: 265.05 ug/l

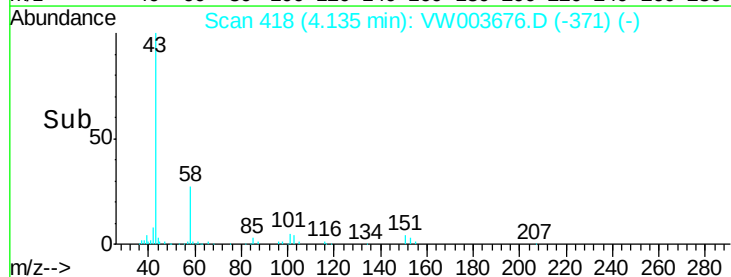
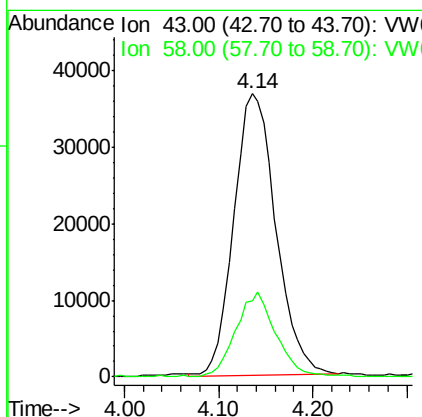
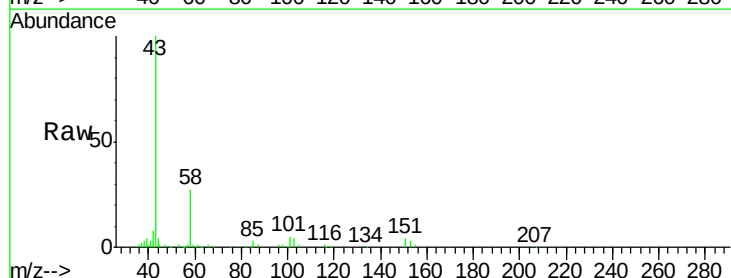
RT: 4.14 min Scan# 418

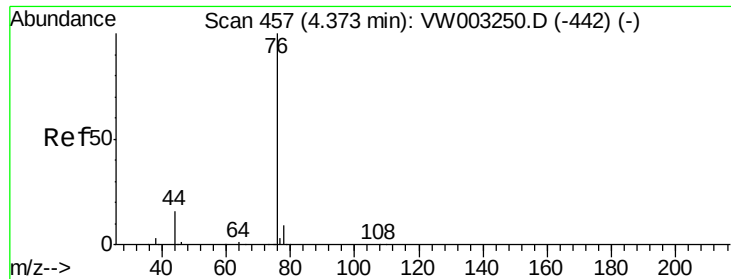
Delta R.T. -0.01 min

Lab File: VW003676.D

Acq: 29 Jun 2018 22:00

Tgt Ion:	43	Resp:	114966
Ion	Ratio	Lower	Upper
43	100		
58	27.0	22.6	34.0





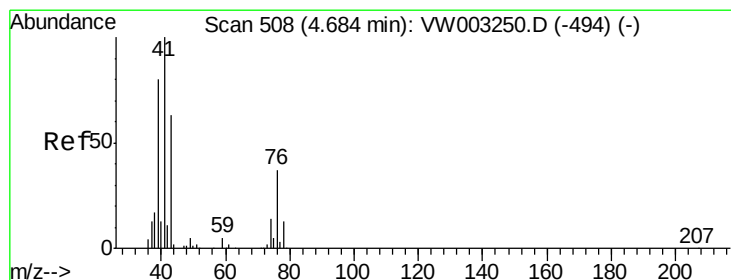
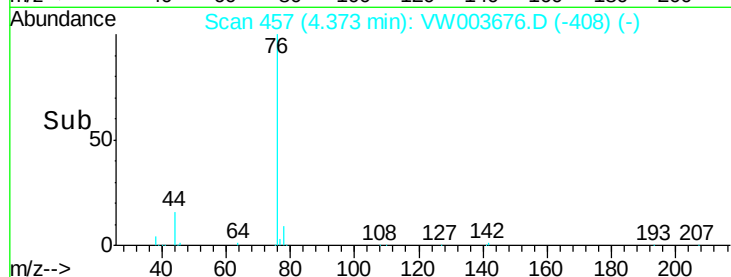
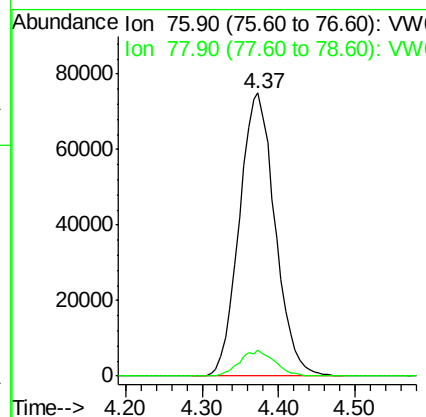
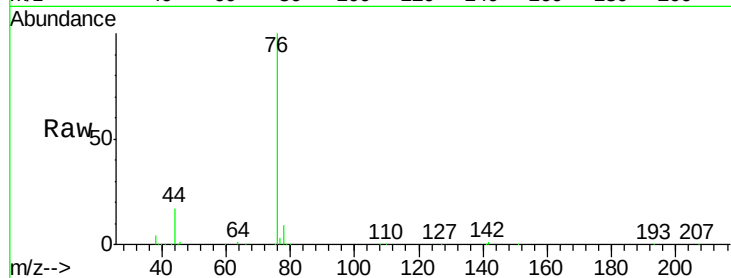
#17
Carbon Disulfide
Concen: 47.64 ug/l
RT: 4.37 min Scan# 457
Delta R.T. 0.00 min
Lab File: VW003676.D
Acq: 29 Jun 2018 22:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.1	10.7

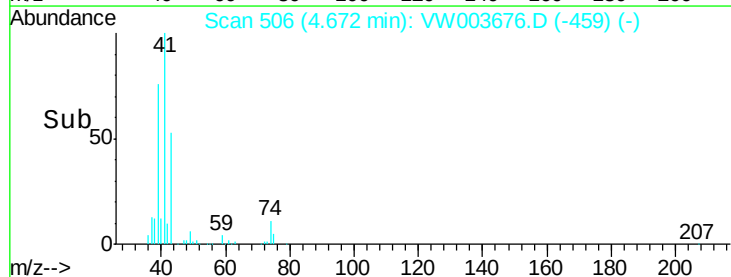
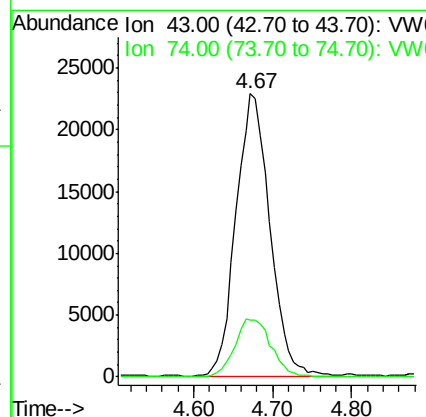
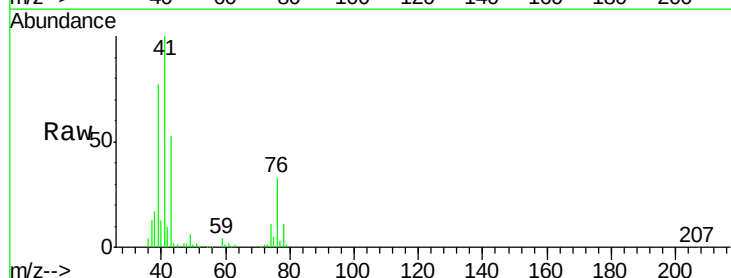
Manual Integrations
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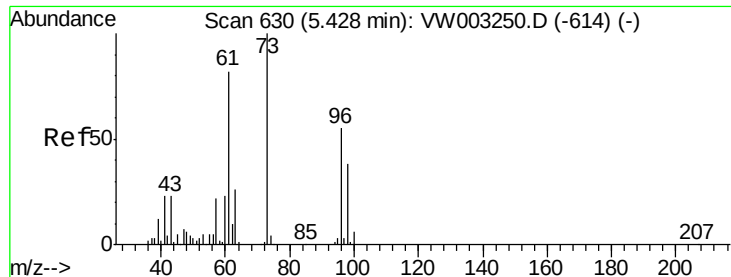
apatel
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#18
Methyl Acetate
Concen: 66.47 ug/l
RT: 4.67 min Scan# 506
Delta R.T. -0.01 min
Lab File: VW003676.D
Acq: 29 Jun 2018 22:00

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.9	18.7	28.1





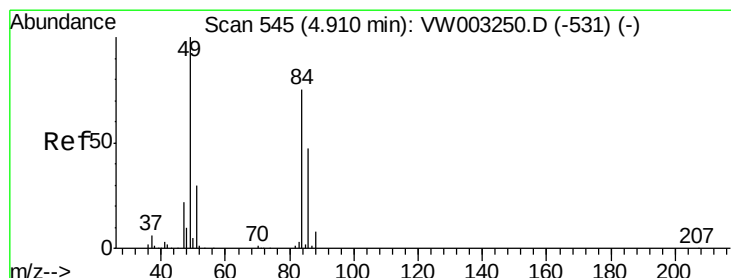
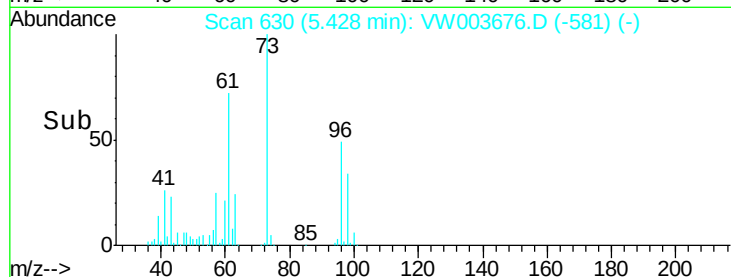
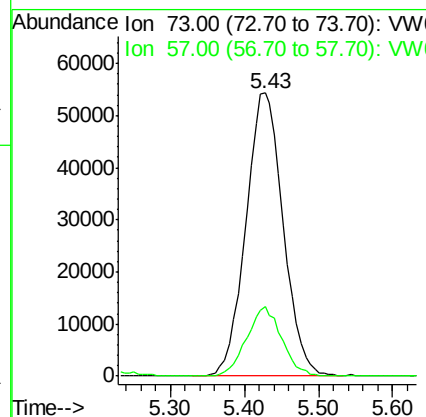
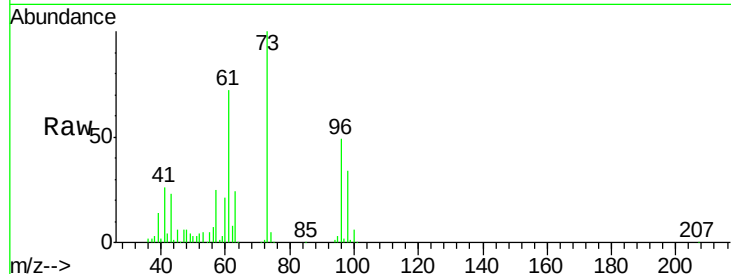
#19
Methyl tert-butyl Ether
Concen: 58.86 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.00 min
Lab File: VW003676.D
Acq: 29 Jun 2018 22:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 190537
Ion Ratio Lower Upper
73 100
57 24.5 18.0 27.0

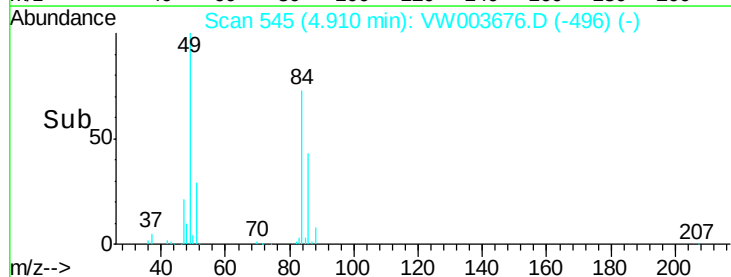
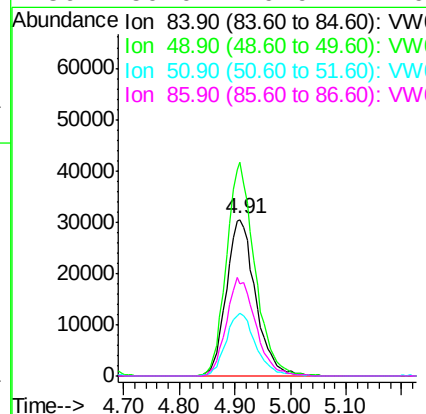
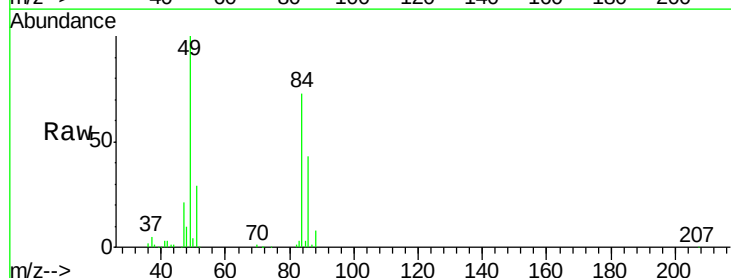
Manual Integrations
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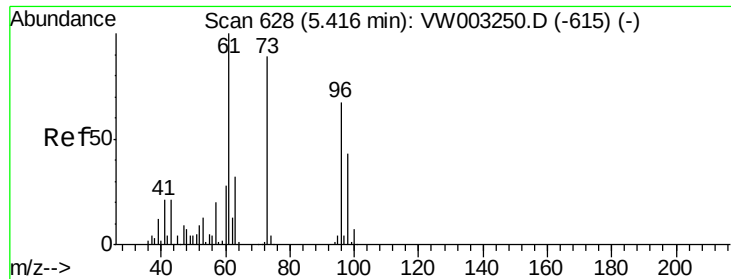
apatel
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#20
Methylene Chloride
Concen: 60.72 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003676.D
Acq: 29 Jun 2018 22:00

Tgt Ion: 84 Resp: 110435
Ion Ratio Lower Upper
84 100
49 136.6 106.3 159.5
51 39.8 32.0 48.0
86 59.0 49.9 74.9





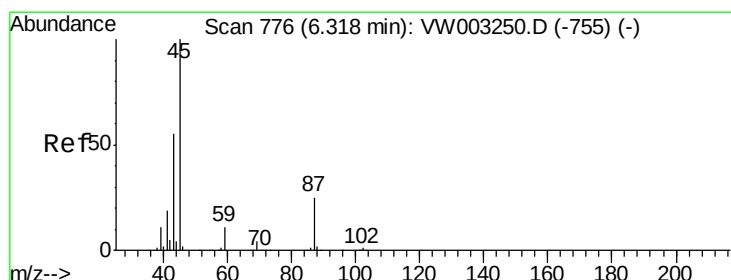
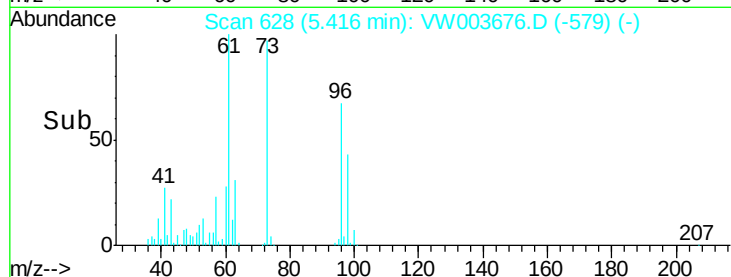
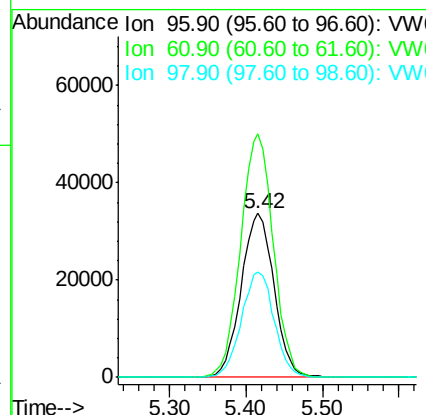
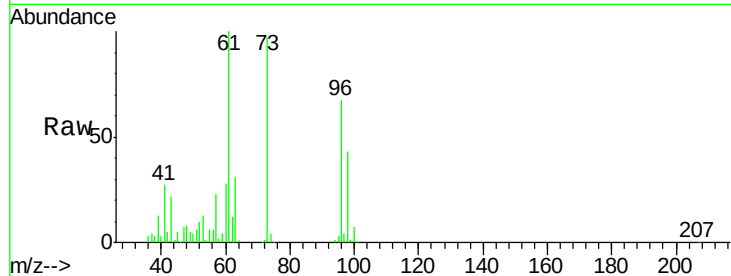
#21
trans-1,2-Dichloroethene
Concen: 53.43 ug/l
RT: 5.42 min Scan# 628
Delta R.T. 0.00 min
Lab File: VW003676.D
Acq: 29 Jun 2018 22:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	148.7	118.7	178.1
98	64.5	51.0	76.6

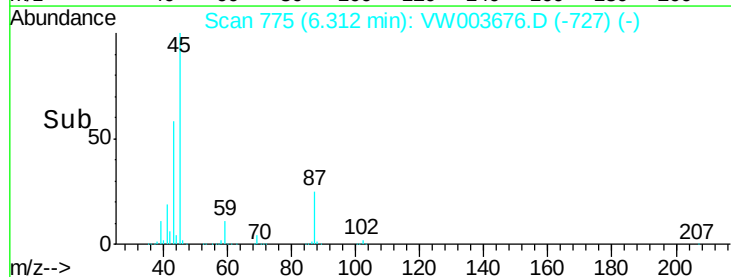
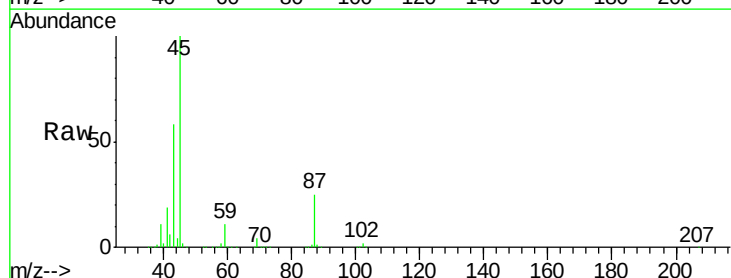
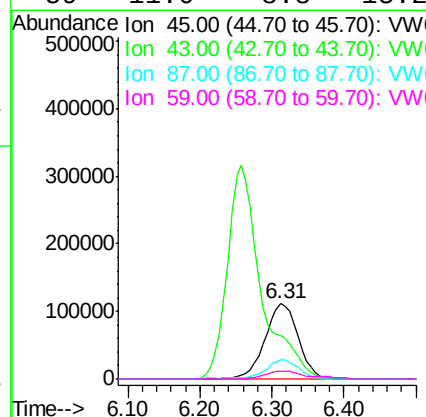
Manual Integrations
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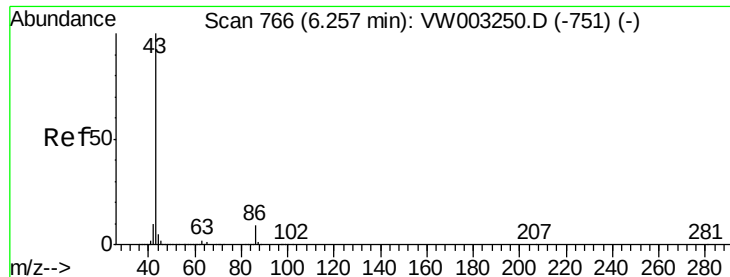
apatel
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#22
Diisopropyl ether
Concen: 59.22 ug/l
RT: 6.31 min Scan# 775
Delta R.T. -0.01 min
Lab File: VW003676.D
Acq: 29 Jun 2018 22:00

Tgt Ion	Ratio	Lower	Upper
45	100		
43	57.9	44.0	66.0
87	25.0	20.6	31.0
59	11.0	8.8	13.2





#23

Vinyl Acetate

Concen: 298.36 ug/l

RT: 6.26 min Scan# 766

Delta R.T. 0.00 min

Lab File: VW003676.D

Acq: 29 Jun 2018 22:00

Tot Ion: 43 Resp: 1036016

Ion Ratio Lower Upper

43 100

86 9.5 7.5 11.3

Instrument :

MSVOA_W

ClientSampled :

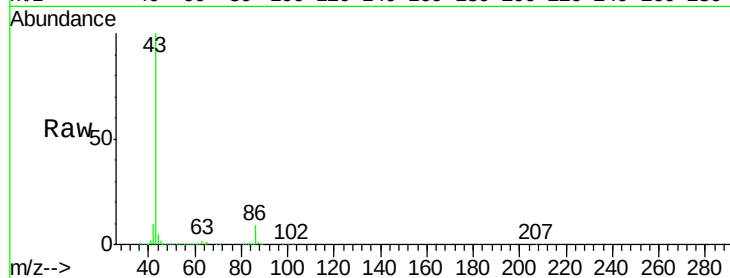
VSTDCCC050EC

Manual Integrations

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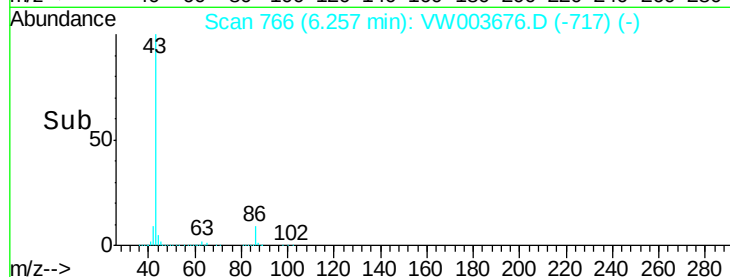
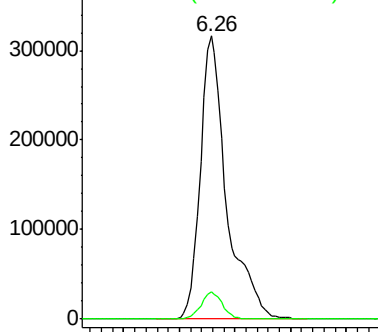
apatel

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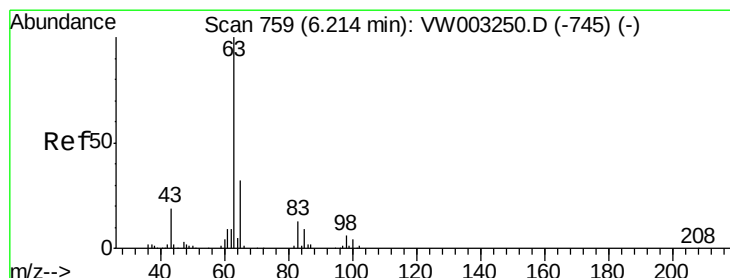


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



Time-->



#24

1,1-Dichloroethane

Concen: 56.78 ug/l

RT: 6.21 min Scan# 759

Delta R.T. 0.00 min

Lab File: VW003676.D

Acq: 29 Jun 2018 22:00

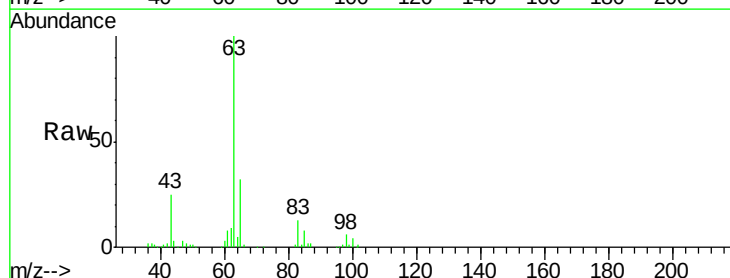
Tgt Ion: 63 Resp: 203095

Ion Ratio Lower Upper

63 100

98 6.5 2.8 8.3

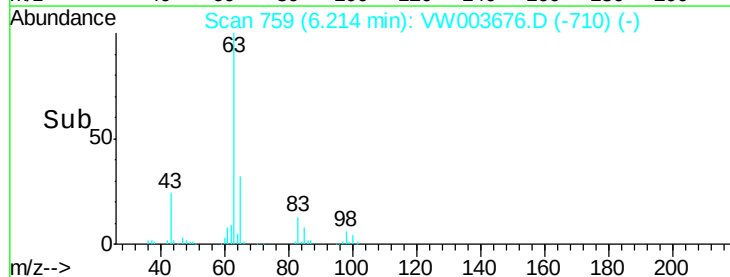
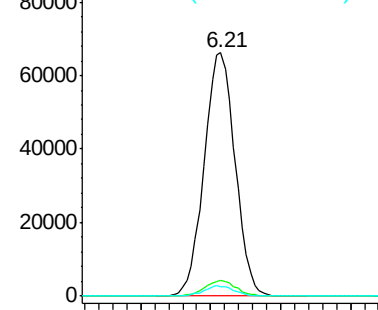
100 3.8 2.1 6.5



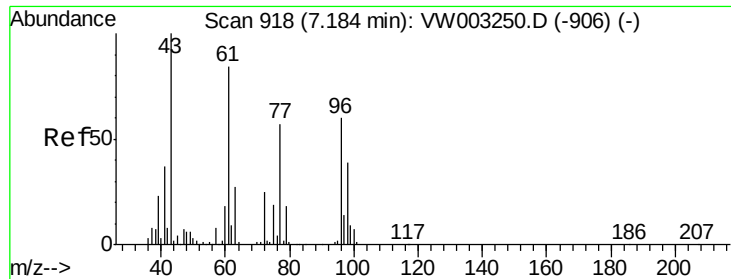
Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW



Time-->



#25

2-Butanone

Concen: 310.77 ug/l

RT: 7.18 min Scan# 917

Delta R.T. -0.01 min

Lab File: VW003676.D

Acq: 29 Jun 2018 22:00

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050EC

Tot Ion: 43 Resp: 167615

Ion Ratio Lower Upper

43 100

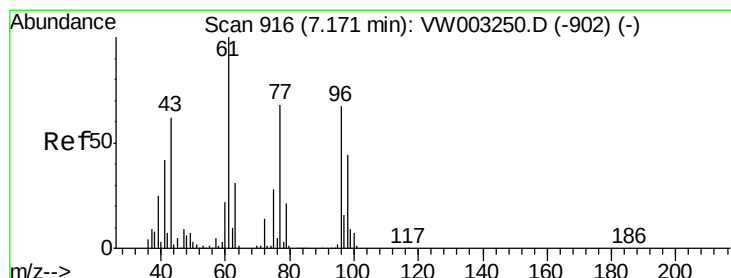
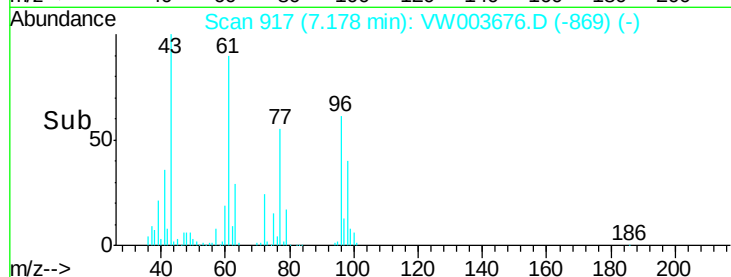
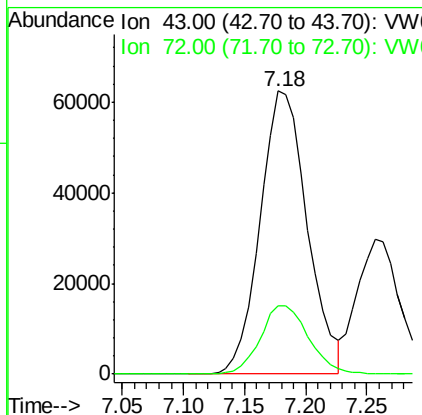
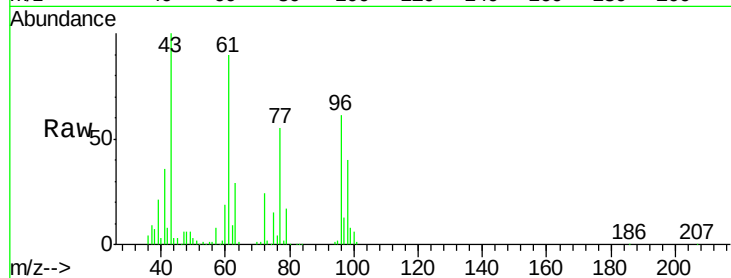
72 24.2 20.3 30.5

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 48.98 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.01 min

Lab File: VW003676.D

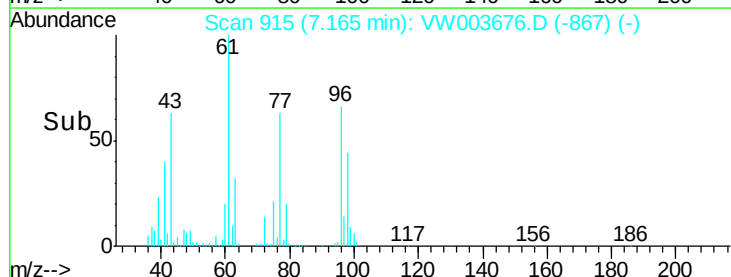
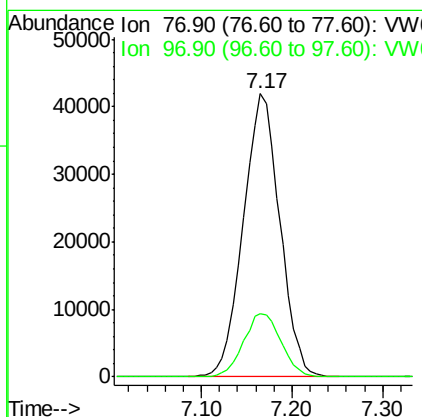
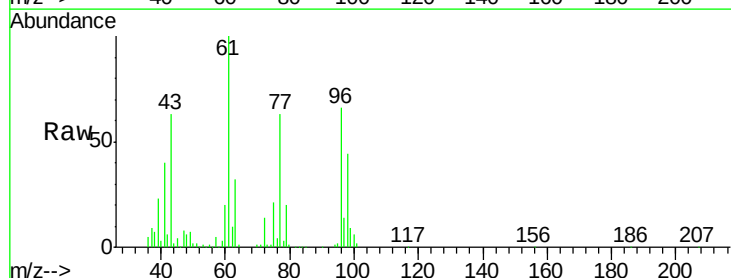
Acq: 29 Jun 2018 22:00

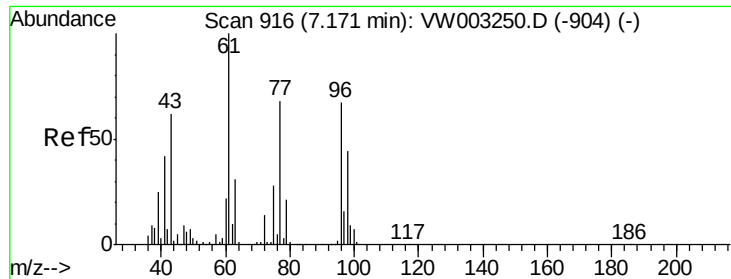
Tgt Ion: 77 Resp: 116926

Ion Ratio Lower Upper

77 100

97 23.1 11.3 33.9





#27

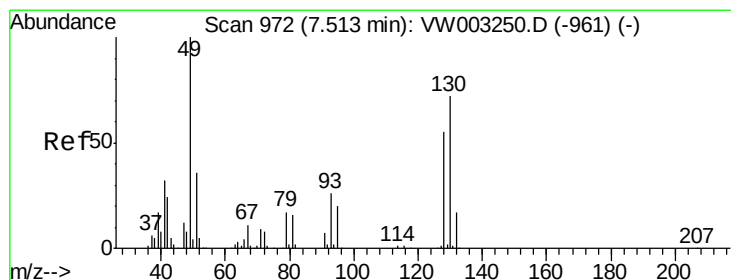
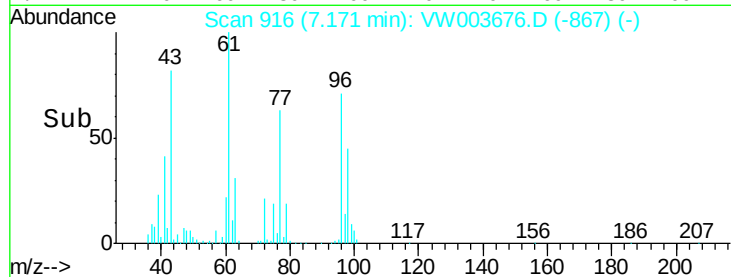
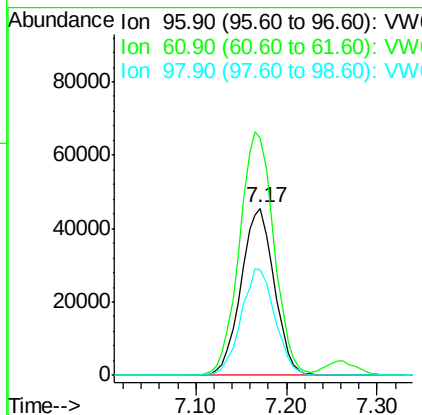
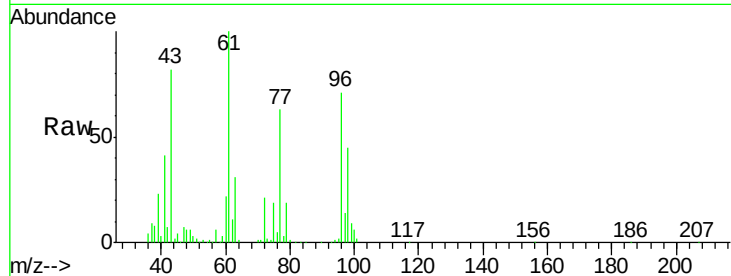
cis-1,2-Dichloroethene
Concen: 55.78 ug/l
RT: 7.17 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW003676.D
Acq: 29 Jun 2018 22:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	151.5	0.0	298.8
98	64.9	0.0	130.4

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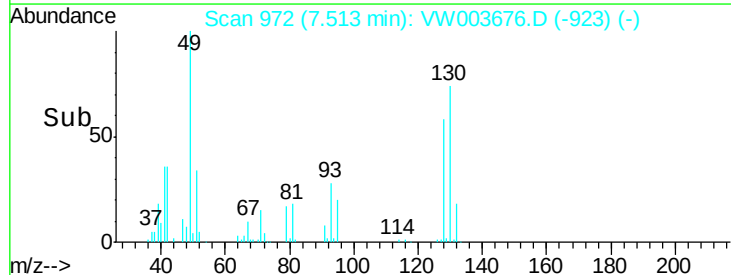
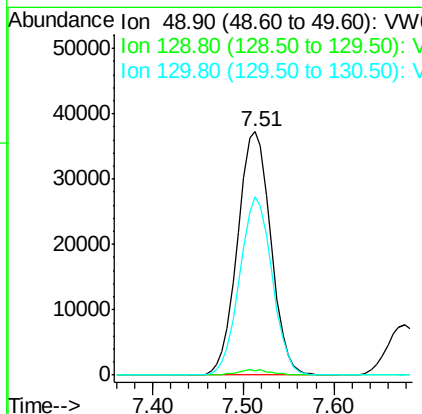
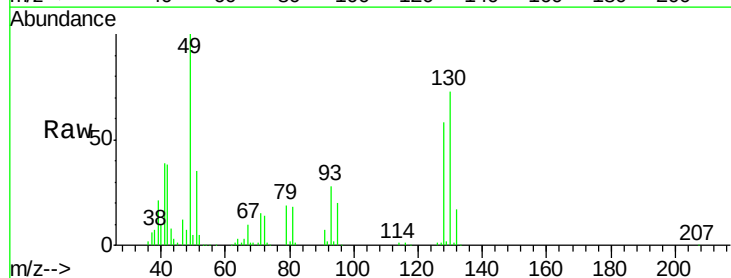
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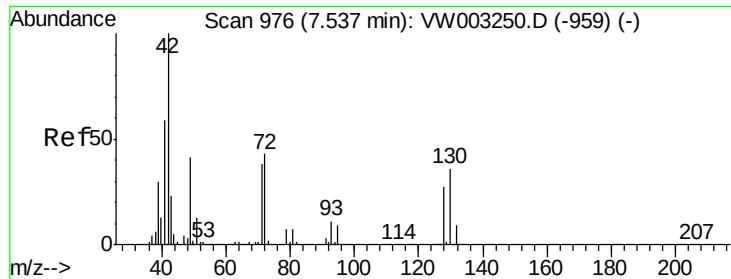


#28

Bromochloromethane
Concen: 63.62 ug/l
RT: 7.51 min Scan# 972
Delta R.T. 0.00 min
Lab File: VW003676.D
Acq: 29 Jun 2018 22:00

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.6
130	71.8	59.4	89.2





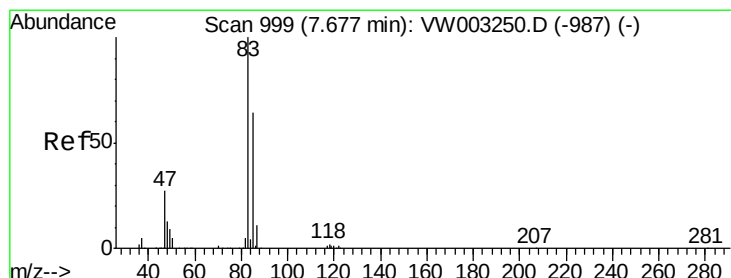
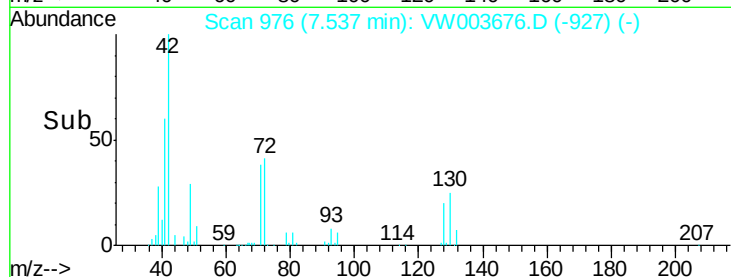
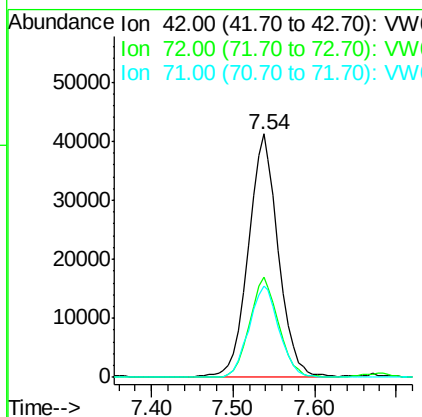
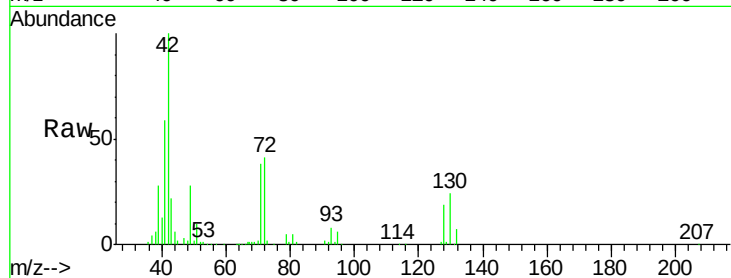
#29
Tetrahydrofuran
Concen: 317.66 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.00 min
Lab File: VW003676.D
Acq: 29 Jun 2018 22:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.2	32.4	48.6
71	38.1	31.2	46.8

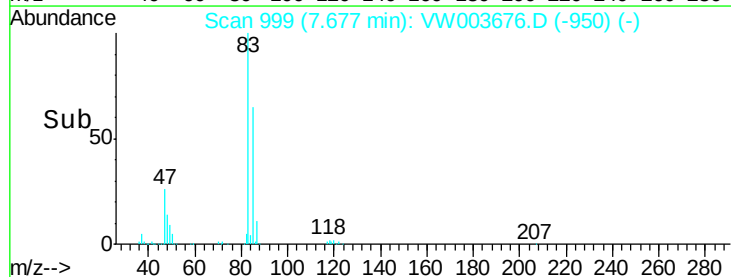
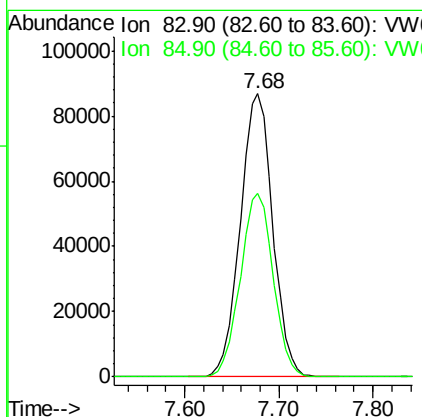
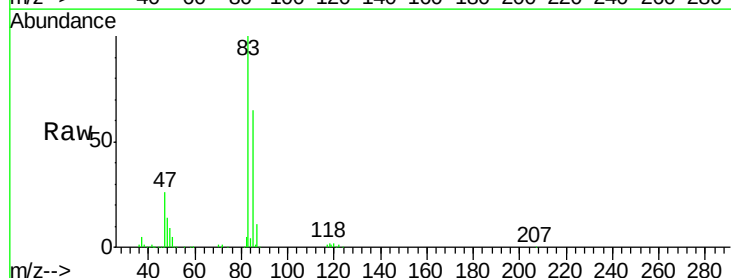
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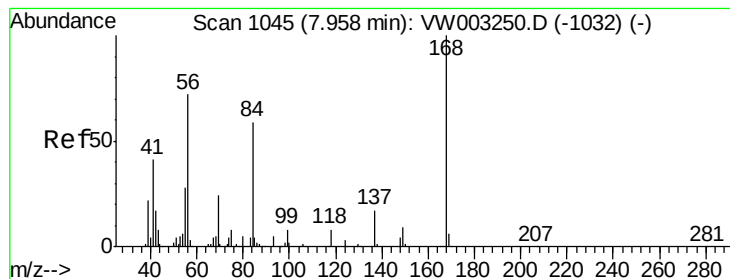
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#30
Chloroform
Concen: 57.32 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW003676.D
Acq: 29 Jun 2018 22:00

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	51.3	76.9





#31

Cyclohexane

Concen: 49.30 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.01 min

Lab File: VW003676.D

Acq: 29 Jun 2018 22:00

Instrument :

MSVOA_W

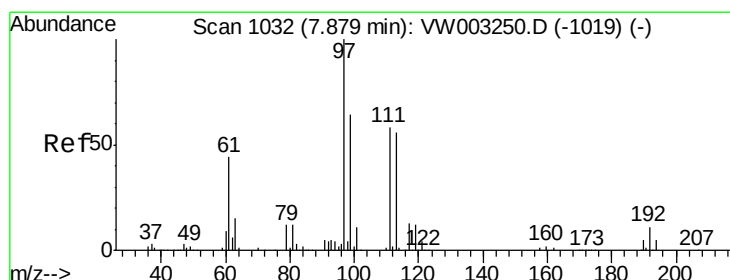
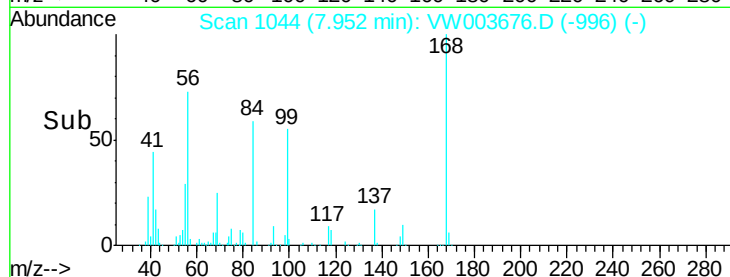
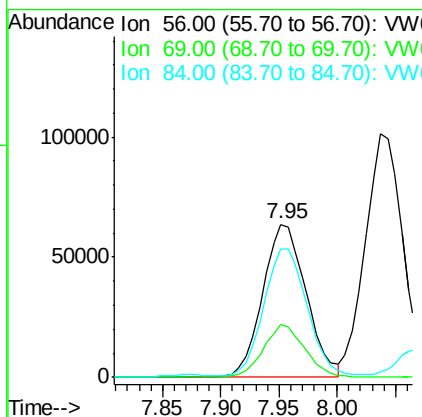
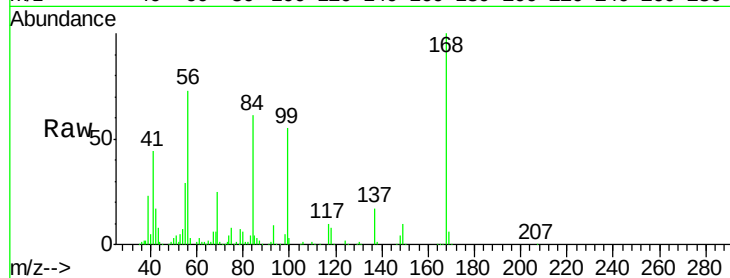
ClientSampled :

VSTDCCC050EC

Tot Ion:	56	Resp:	164757
Ion Ratio	Lower	Upper	
56	100		
69	34.5	26.3	39.5
84	82.2	65.7	98.5

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#32

1,1,1-Trichloroethane

Concen: 54.03 ug/l

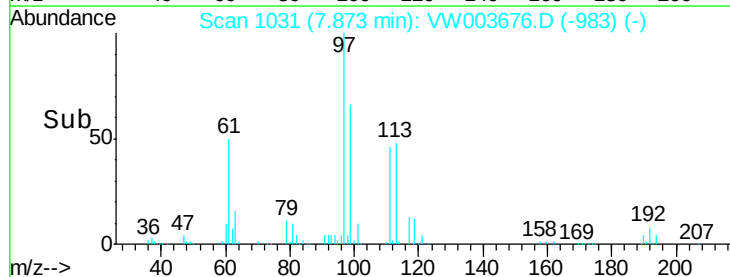
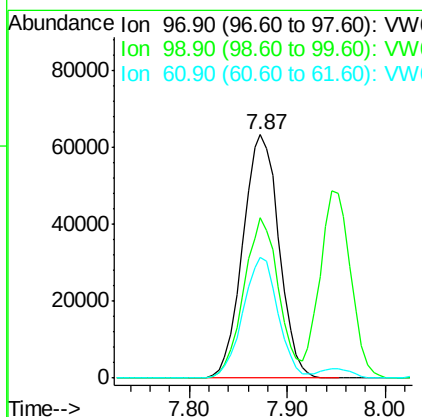
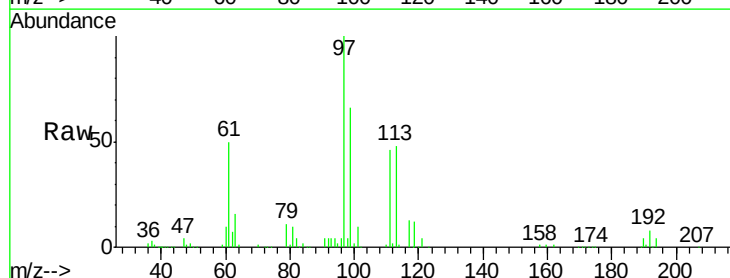
RT: 7.87 min Scan# 1031

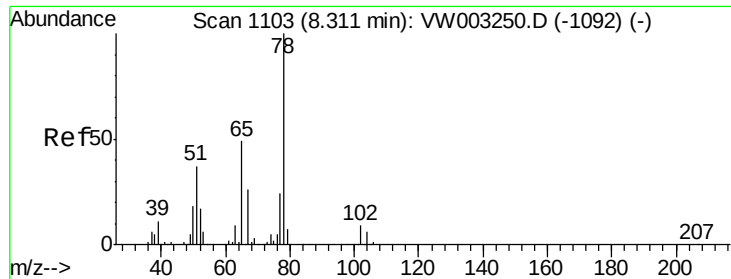
Delta R.T. -0.01 min

Lab File: VW003676.D

Acq: 29 Jun 2018 22:00

Tgt Ion:	97	Resp:	162543
Ion Ratio	Lower	Upper	
97	100		
99	64.0	51.7	77.5
61	48.2	37.6	56.4





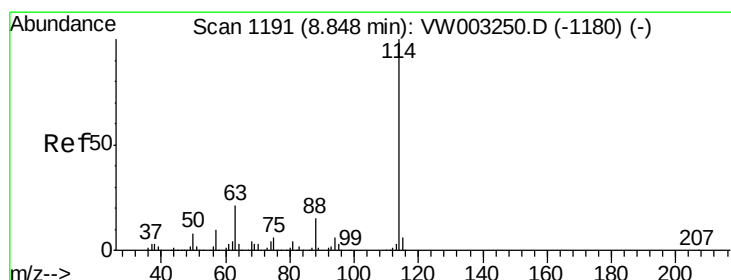
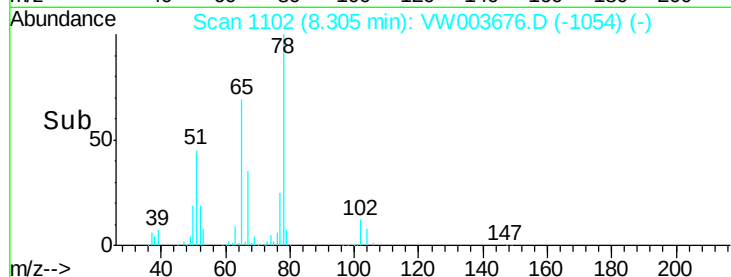
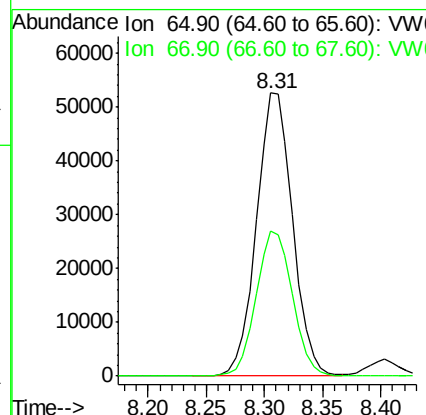
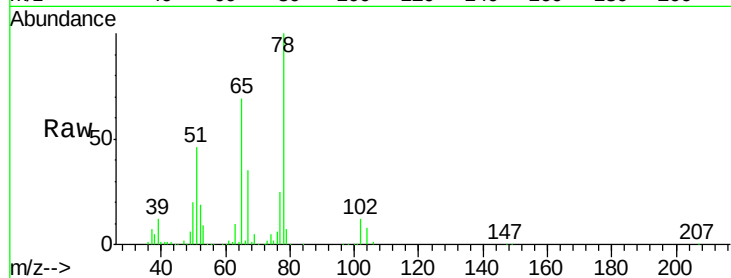
#33
 1,2-Dichloroethane-d4
 Concen: 55.09 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.01 min
 Lab File: VW003676.D
 Acq: 29 Jun 2018 22:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	51.5	0.0	104.2	

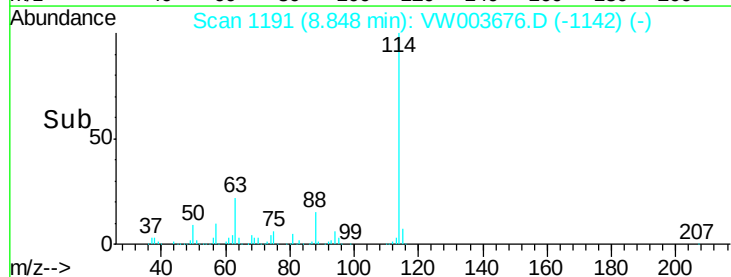
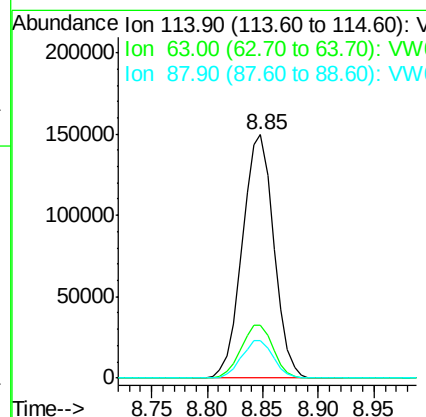
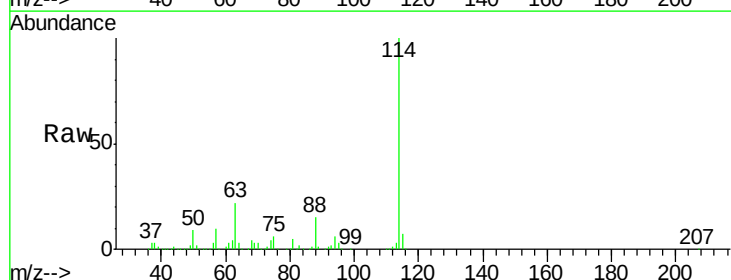
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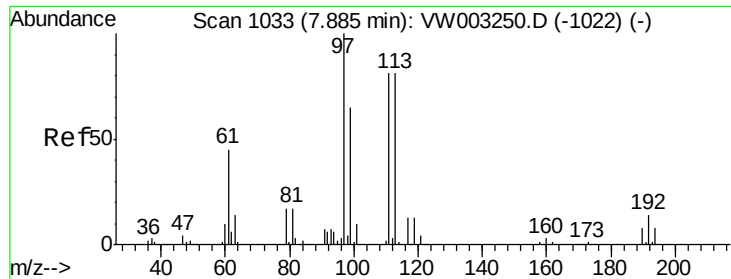
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003676.D
 Acq: 29 Jun 2018 22:00

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	21.6	0.0	43.0	
88	15.3	0.0	29.6	





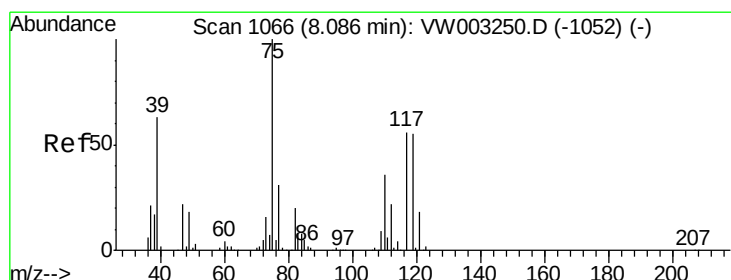
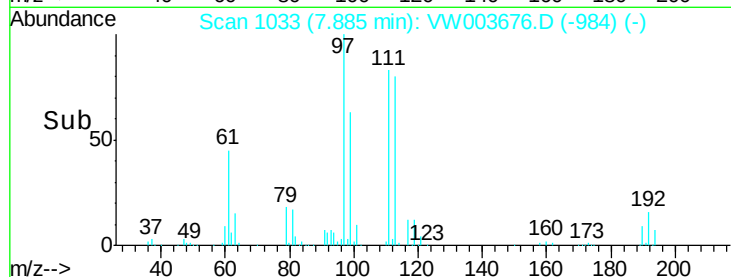
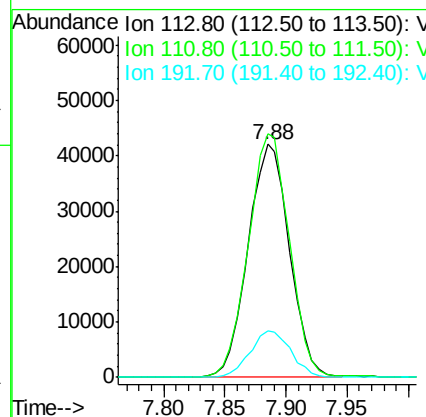
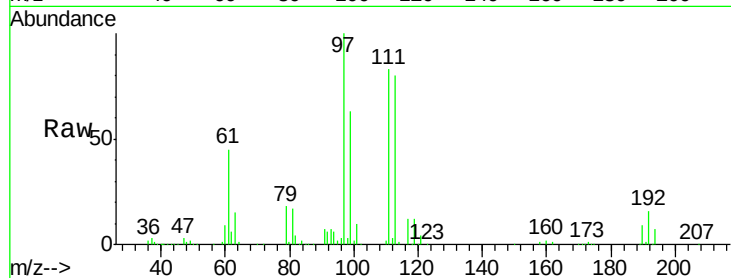
#35
 Dibromofluoromethane
 Concen: 54.36 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003676.D
 Acq: 29 Jun 2018 22:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.2	123.2
192	19.6	16.2	24.2

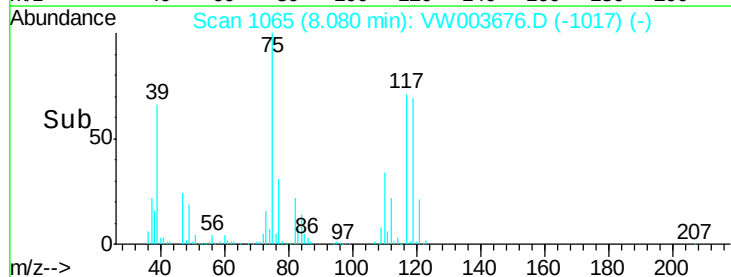
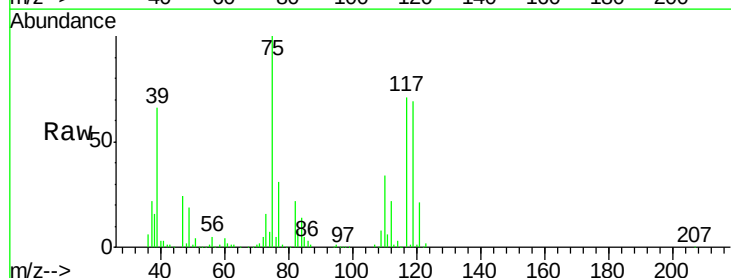
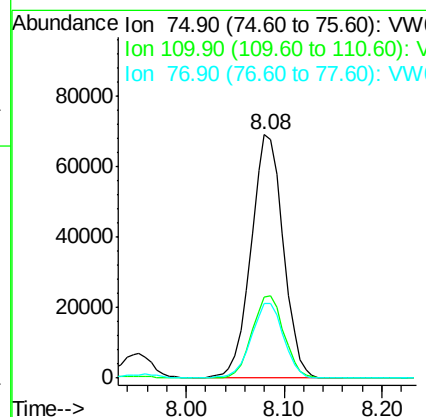
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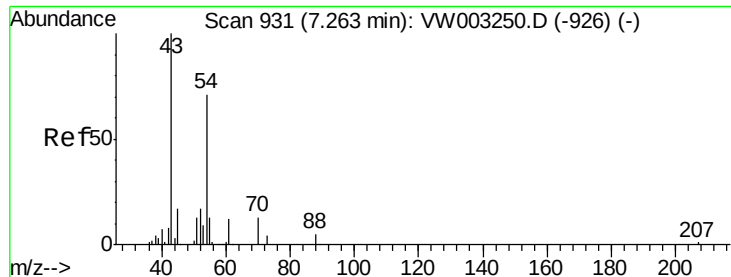
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#36
 1,1-Dichloropropene
 Concen: 55.43 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. -0.01 min
 Lab File: VW003676.D
 Acq: 29 Jun 2018 22:00

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.6	17.1	51.3
77	31.0	24.9	37.3





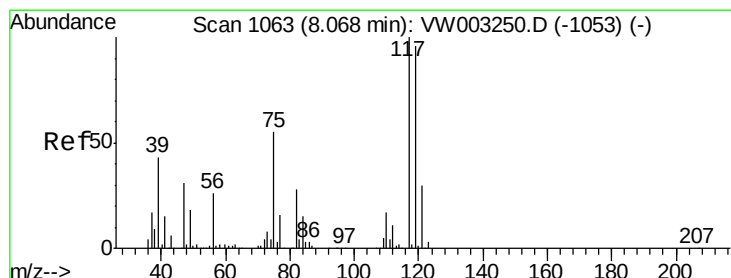
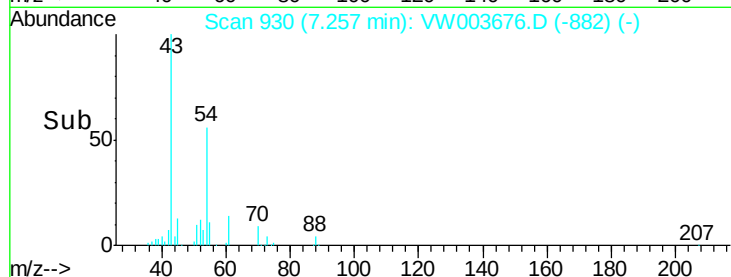
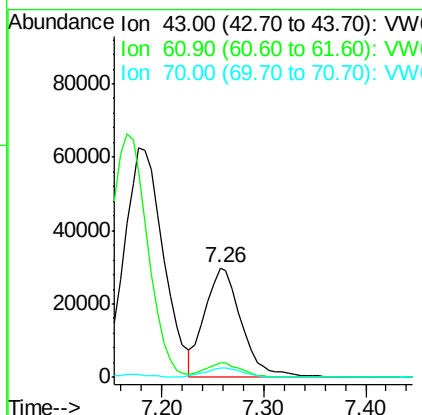
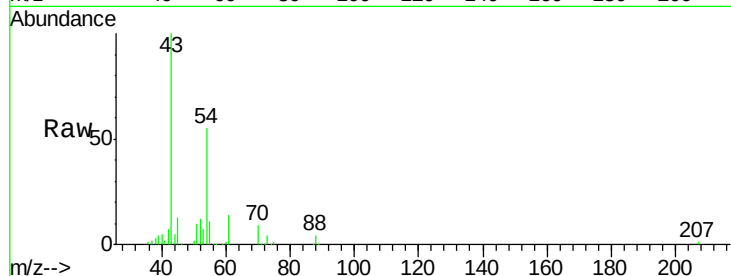
#37
Ethyl Acetate
Concen: 63.02 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.01 min
Lab File: VW003676.D
Acq: 29 Jun 2018 22:00

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.8	16.2
70	9.0	7.8	11.6

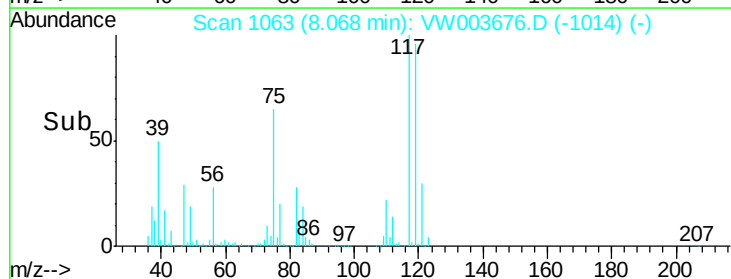
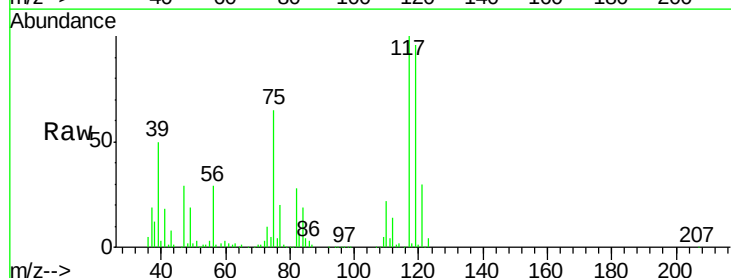
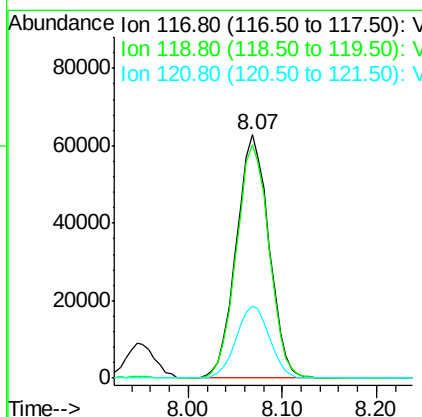
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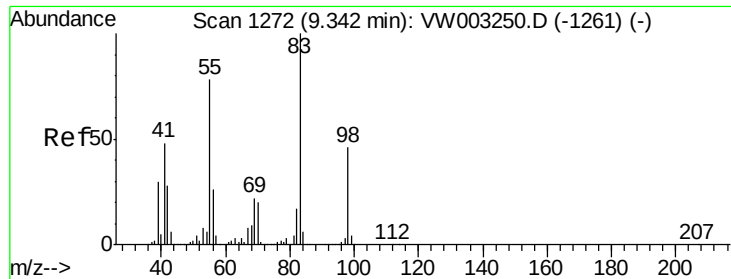
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#38
Carbon Tetrachloride
Concen: 54.47 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW003676.D
Acq: 29 Jun 2018 22:00

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.7	76.6	115.0
121	29.7	23.9	35.9





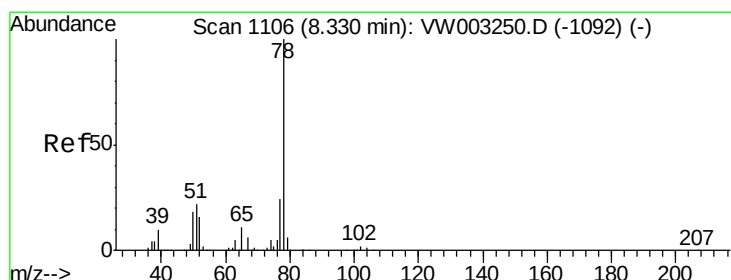
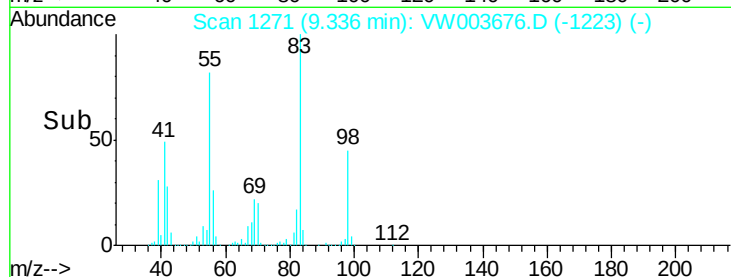
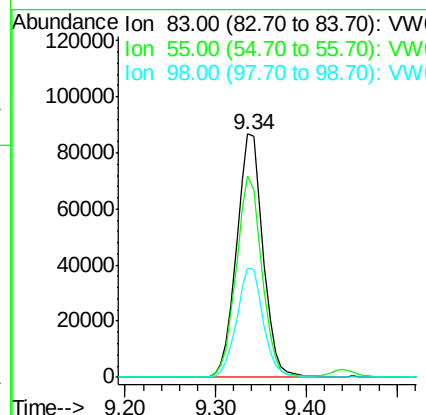
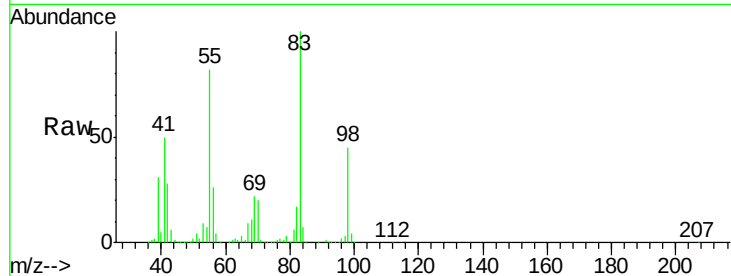
#39
Methylvlcyclohexane
Concen: 53.56 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.01 min
Lab File: VW003676.D
Acq: 29 Jun 2018 22:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	175806		
55	82.4		62.6	93.8
98	45.0		37.0	55.4

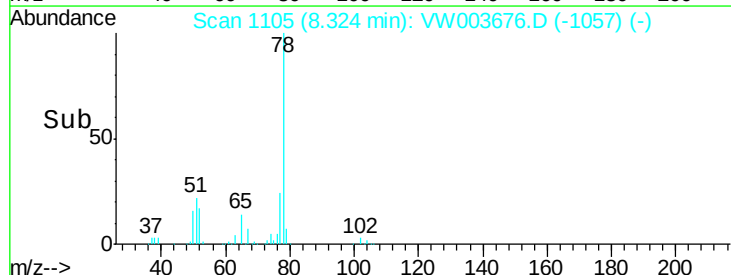
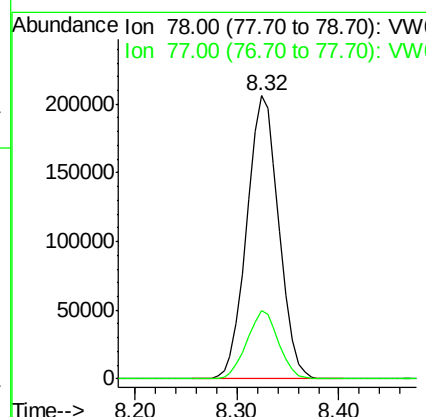
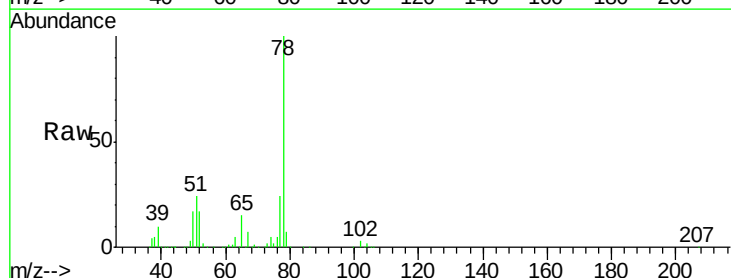
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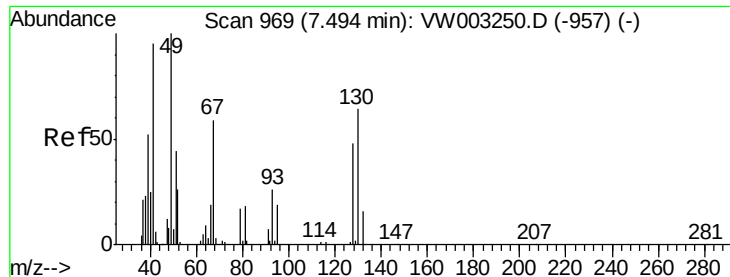
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#40
Benzene
Concen: 57.38 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.01 min
Lab File: VW003676.D
Acq: 29 Jun 2018 22:00

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	448685		
77	24.0		19.0	28.6





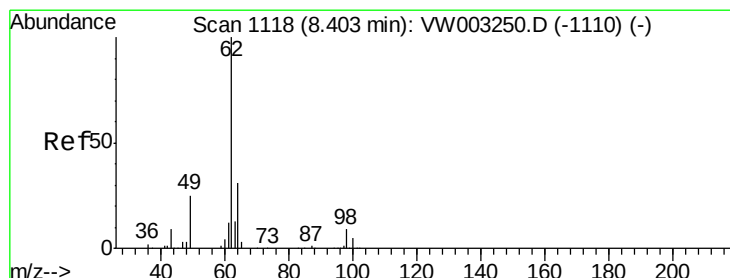
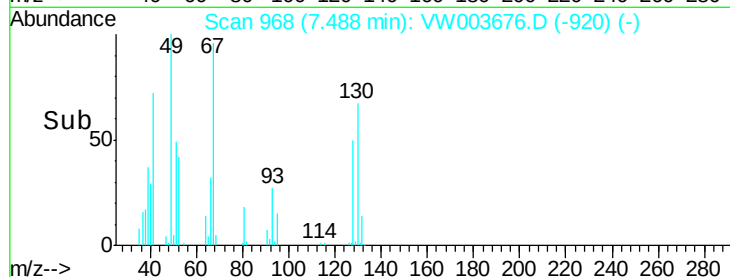
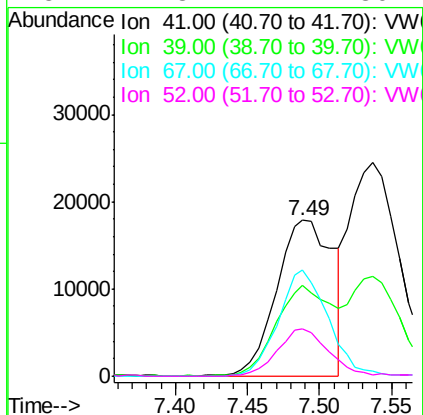
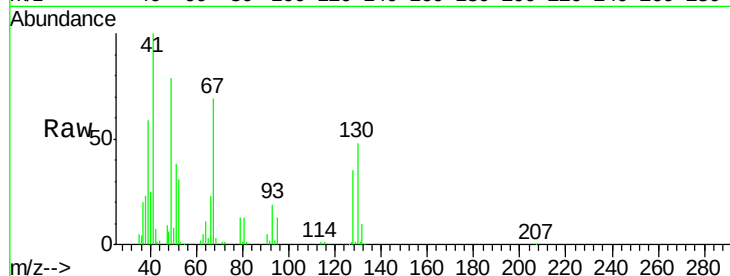
#41
Methacrylonitrile
Concen: 67.87 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.01 min
Lab File: VW003676.D
Acq: 29 Jun 2018 22:00

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050EC

Tot Ion	41	Resp	48947
Ion	Ratio	Lower	Upper
41	100		
39	57.3	45.8	68.8
67	60.3	52.3	78.5
52	27.8	24.1	36.1

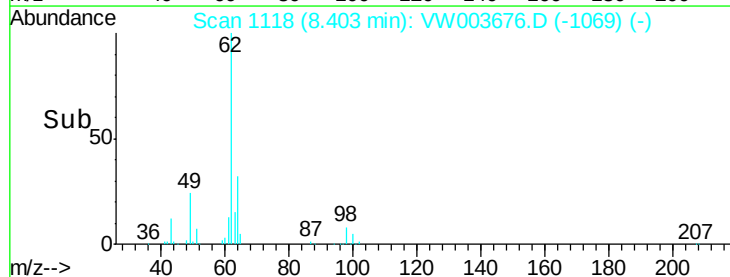
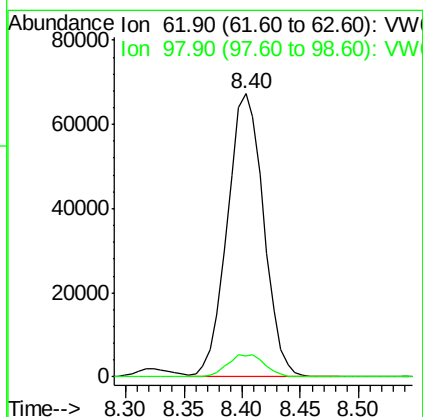
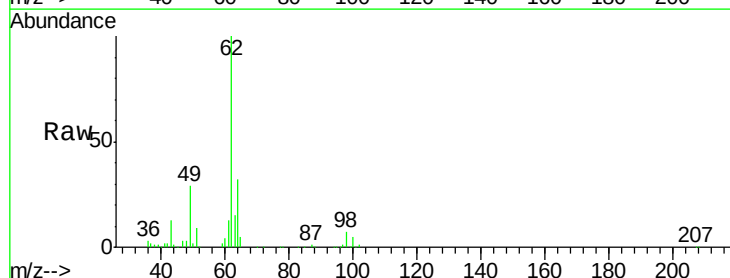
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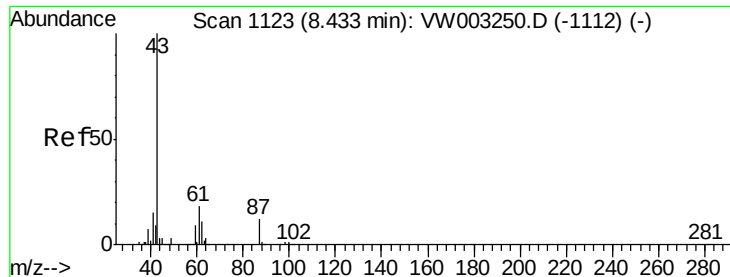
apatel
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#42
1,2-Dichloroethane
Concen: 59.69 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW003676.D
Acq: 29 Jun 2018 22:00

Tgt Ion	62	Resp	146236
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	17.2





#43

Isopropyl Acetate

Concen: 62.60 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VW003676.D

Acq: 29 Jun 2018 22:00

Instrument :

MSVOA_W

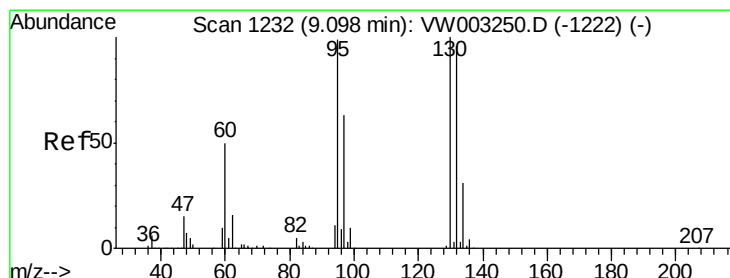
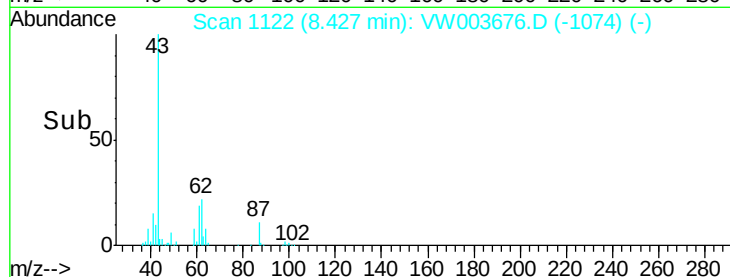
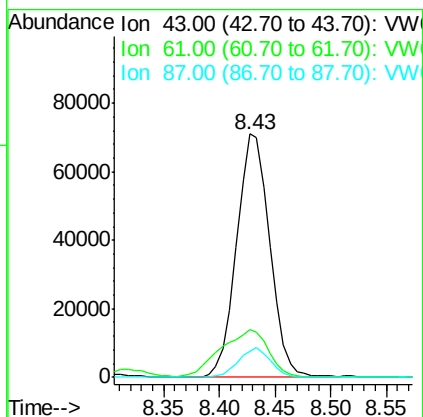
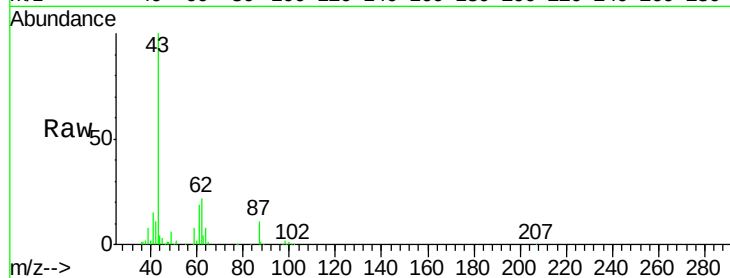
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	146094
Ion	Ratio	Lower	Upper
43	100		
61	28.5	23.1	34.7
87	11.8	9.8	14.6

Manual Integrations
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#44

Trichloroethene

Concen: 54.90 ug/l

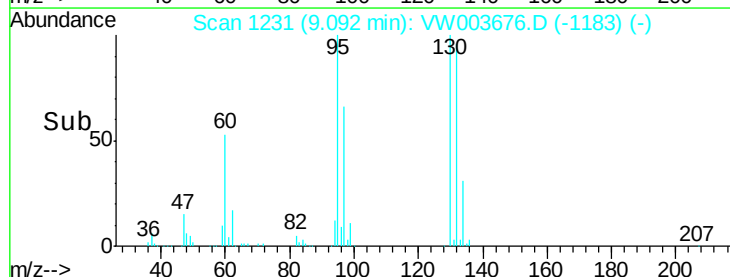
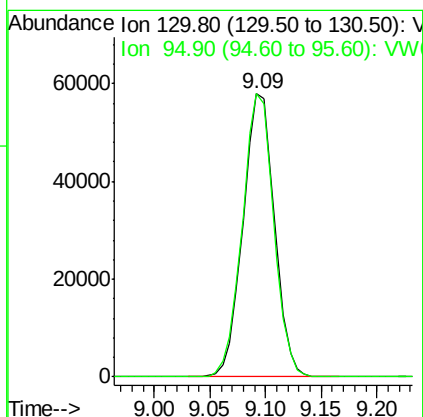
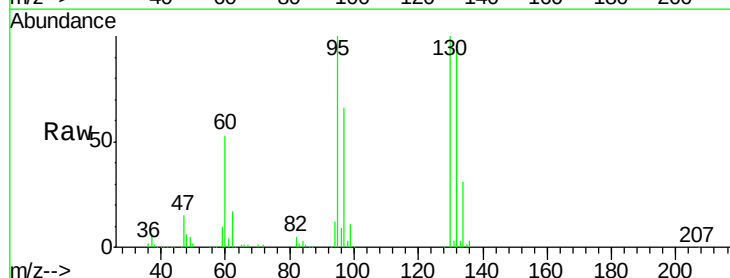
RT: 9.09 min Scan# 1231

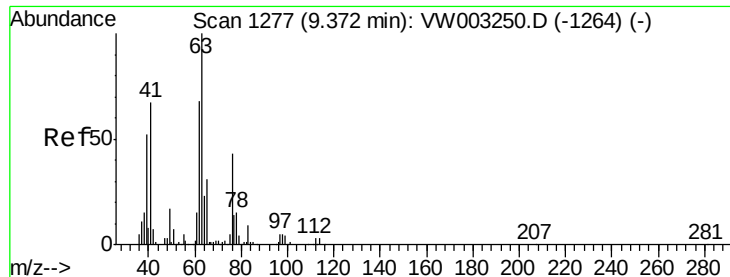
Delta R.T. -0.01 min

Lab File: VW003676.D

Acq: 29 Jun 2018 22:00

Tgt Ion:	130	Resp:	113757
Ion	Ratio	Lower	Upper
130	100		
95	99.9	0.0	198.0





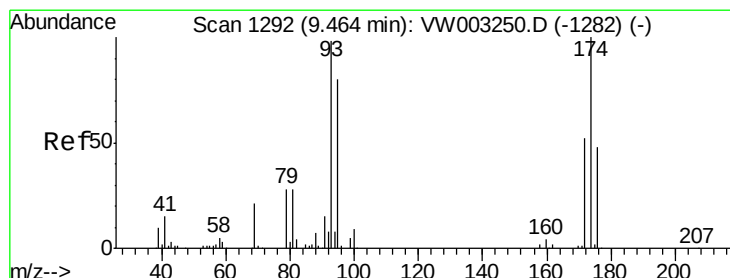
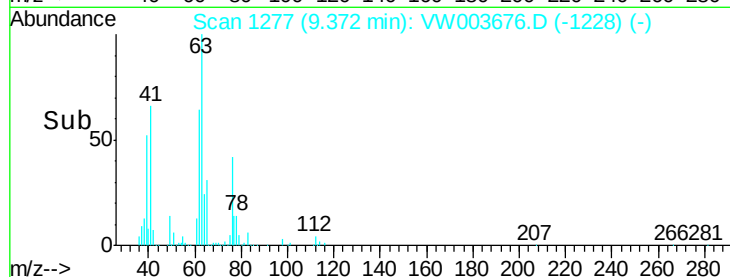
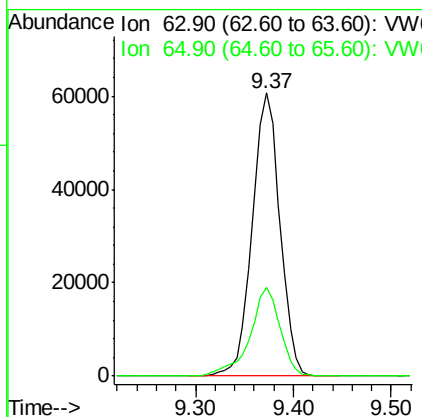
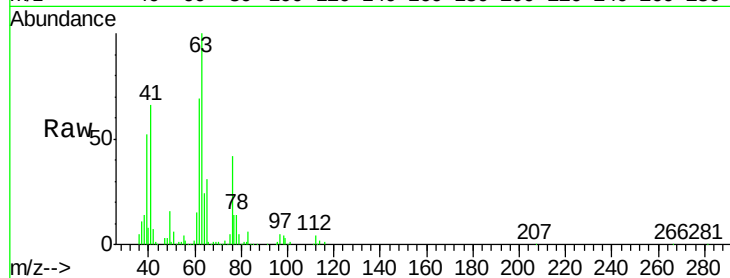
#45
 1,2-Dichloropropane
 Concen: 59.80 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW003676.D
 Acq: 29 Jun 2018 22:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.5	25.1	37.7

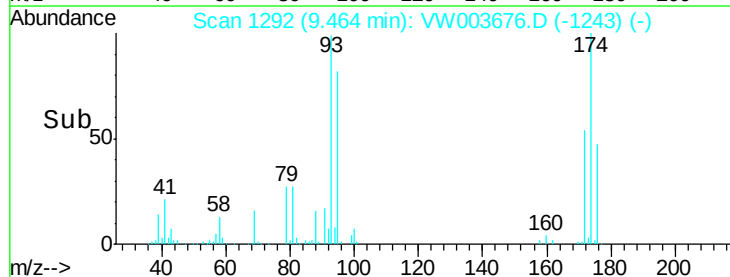
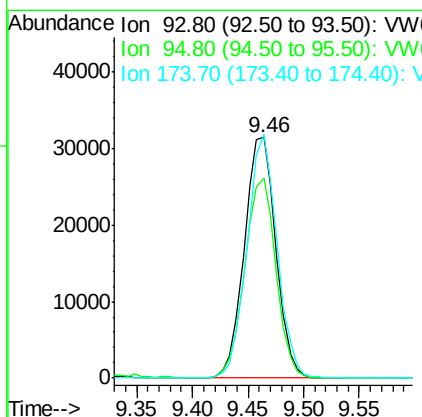
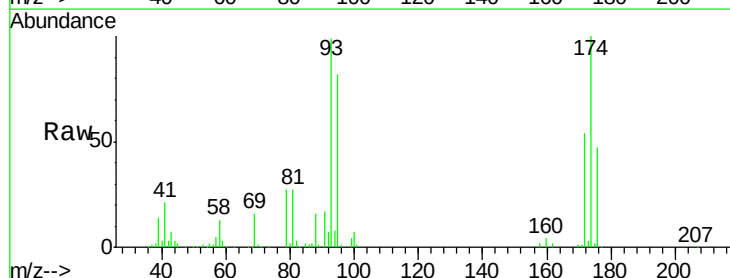
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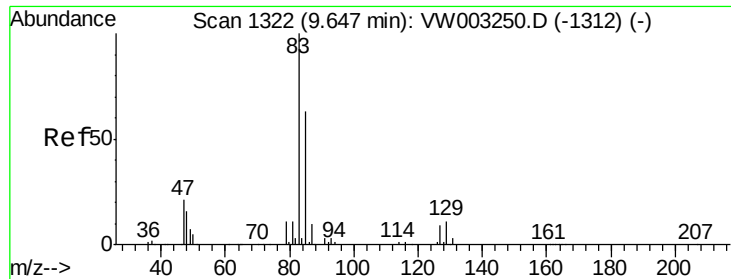
apatel
 7/2/2018 11:00:44 AM



#46
 Dibromomethane
 Concen: 61.01 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. 0.00 min
 Lab File: VW003676.D
 Acq: 29 Jun 2018 22:00

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.0	65.8	98.8
174	96.3	81.4	122.0





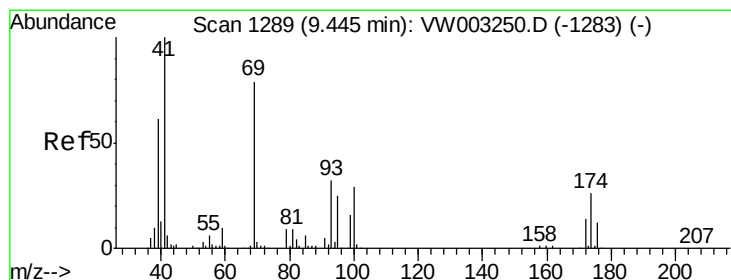
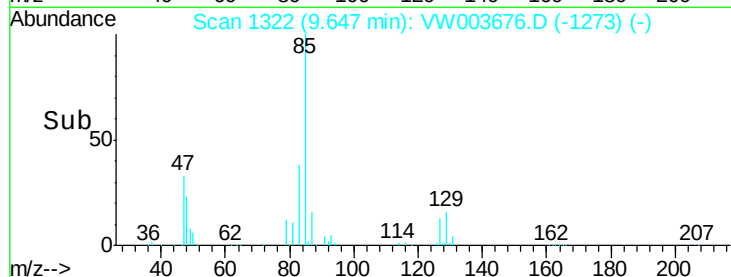
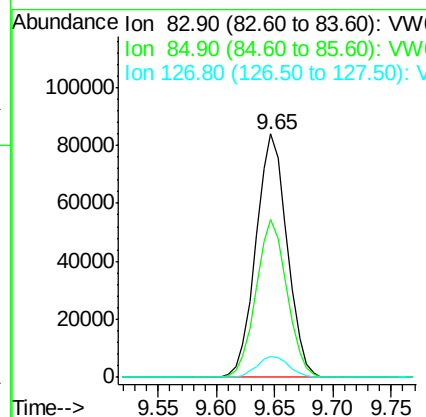
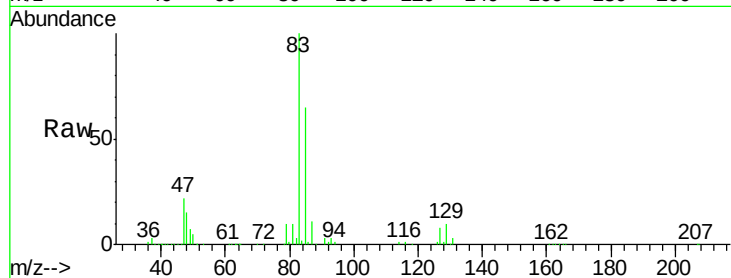
#47
Bromodichloromethane
Concen: 59.74 ug/l
RT: 9.65 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VW003676.D
Acq: 29 Jun 2018 22:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
85	65.0	50.6	75.8
127	8.4	6.8	10.2

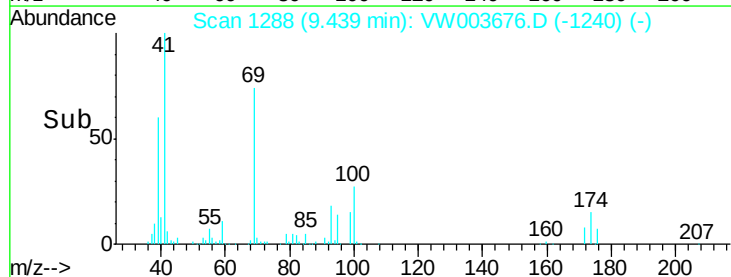
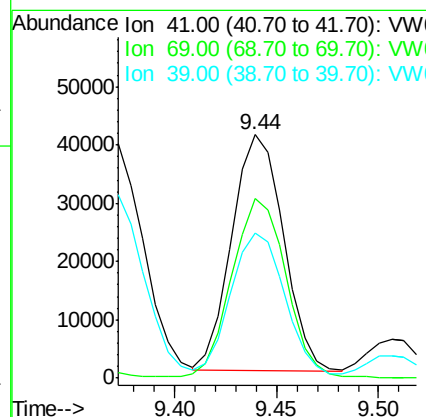
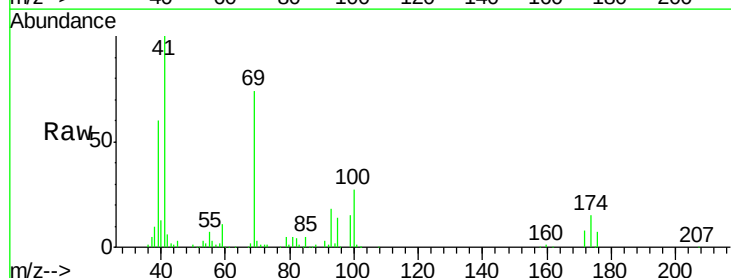
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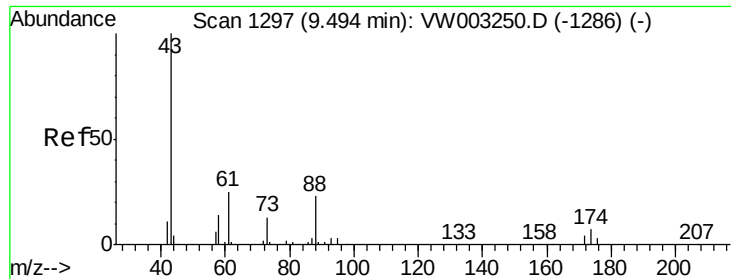
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#48
Methyl methacrylate
Concen: 65.01 ug/l
RT: 9.44 min Scan# 1288
Delta R.T. -0.01 min
Lab File: VW003676.D
Acq: 29 Jun 2018 22:00

Tgt Ion	Ratio	Lower	Upper
41	100		
69	79.9	65.4	98.2
39	65.1	54.2	81.2





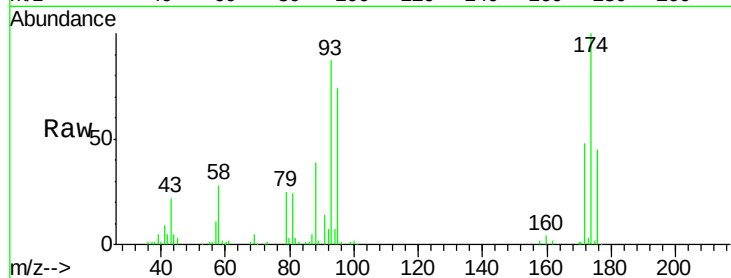
#49
 1,4-Dioxane
 Concen: 1241.86 ug/l
 RT: 9.48 min Scan# 1294
 Delta R.T. -0.02 min
 Lab File: VW003676.D
 Acq: 29 Jun 2018 22:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	88	Resp	19114
Ion Ratio	Lower	Upper	
88	100		
43	0.0	454.7	682.1#
58	76.7	58.6	88.0

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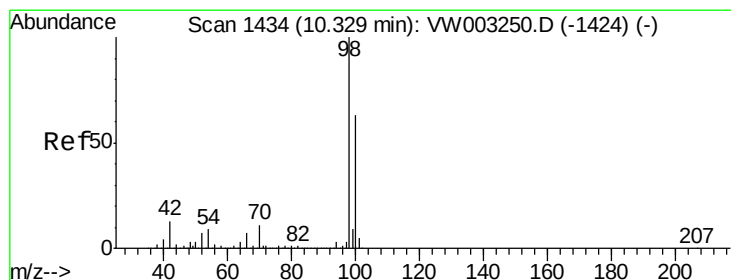
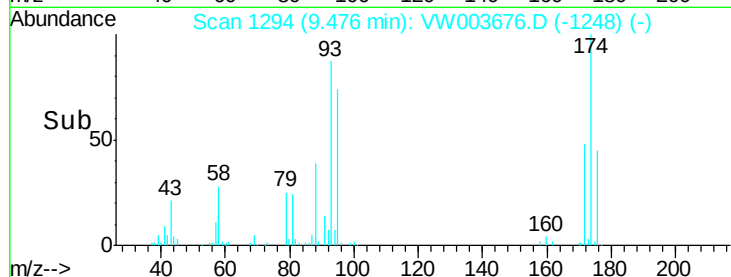
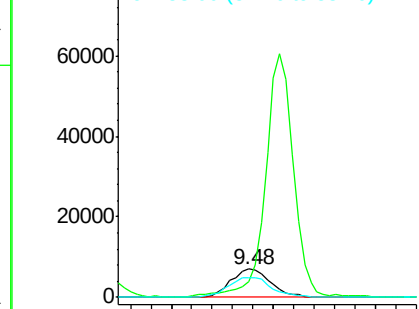


Abundance

Ion 88.00 (87.70 to 88.70): VW

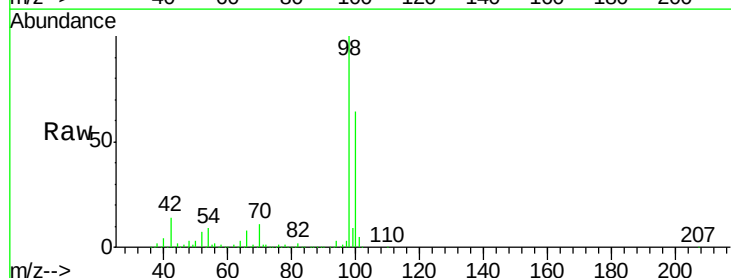
Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50
 Toluene-d8
 Concen: 53.84 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW003676.D
 Acq: 29 Jun 2018 22:00

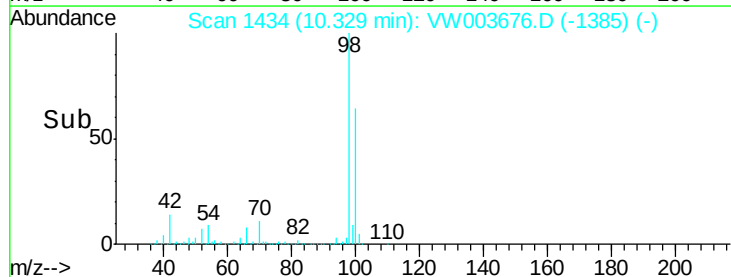
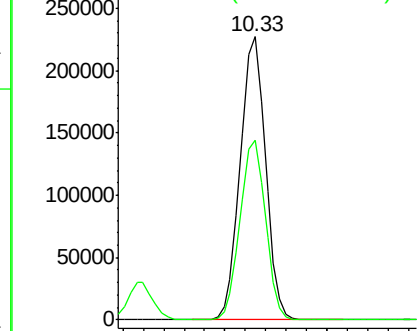
Tgt Ion	98	Resp	389693
Ion Ratio	Lower	Upper	
98	100		
100	64.0	50.8	76.2

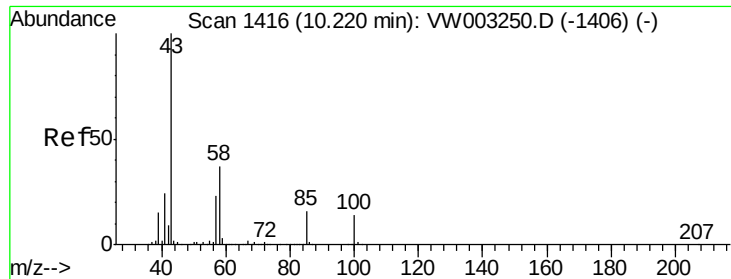


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





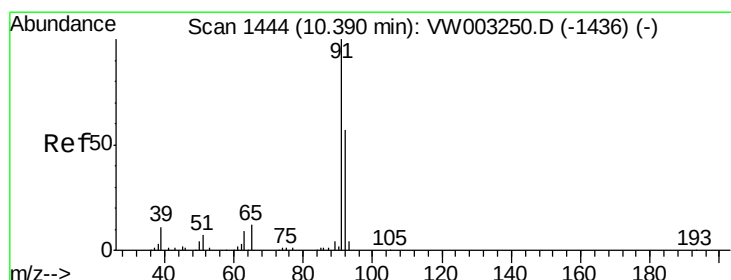
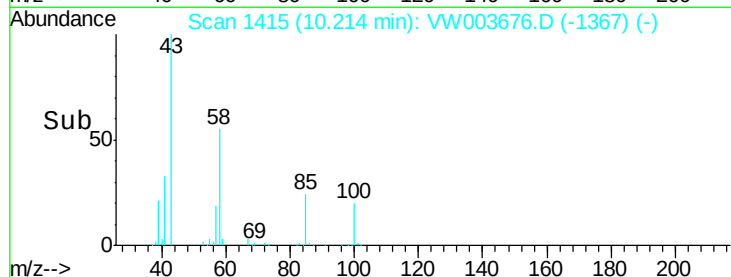
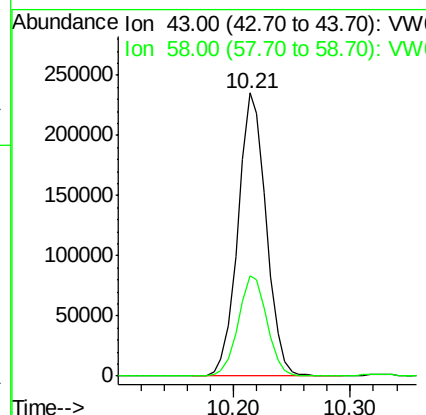
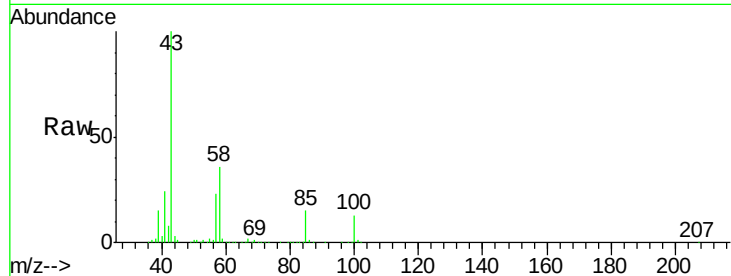
#51
4-Methyl-2-Pentanone
Concen: 333.24 ug/l
RT: 10.21 min Scan# 1415
Delta R.T. -0.01 min
Lab File: VW003676.D
Acq: 29 Jun 2018 22:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	396268
Ion Ratio	43	100	
Lower	58	36.3	29.0
Upper			43.4

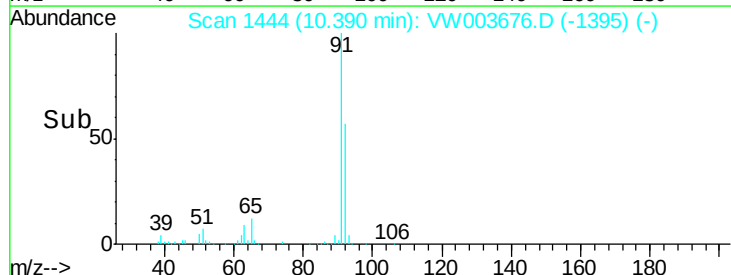
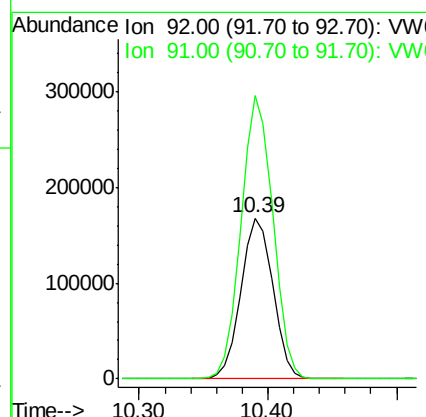
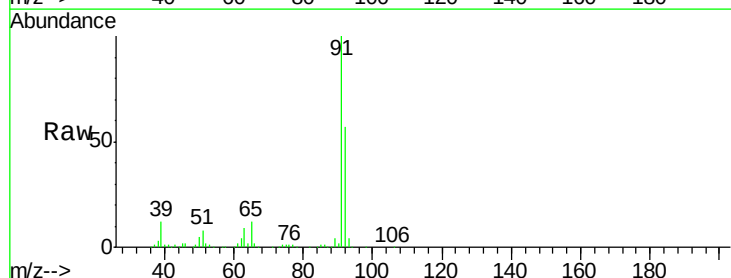
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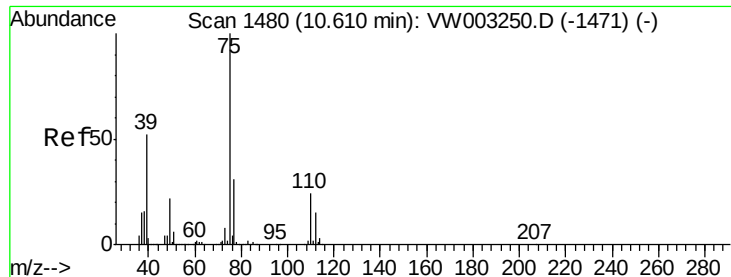
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#52
Toluene
Concen: 57.67 ug/l
RT: 10.39 min Scan# 1444
Delta R.T. 0.00 min
Lab File: VW003676.D
Acq: 29 Jun 2018 22:00

Tgt Ion	92	Resp	289209
Ion Ratio	92	100	
Lower	91	174.9	141.1
Upper			211.7





#53

t-1,3-Dichloropropene

Concen: 58.95 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW003676.D

Acq: 29 Jun 2018 22:00

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050EC

Tot Ion: 75 Resp: 157347

Ion Ratio Lower Upper

75 100

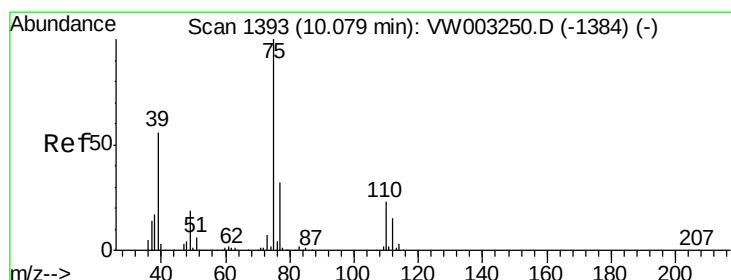
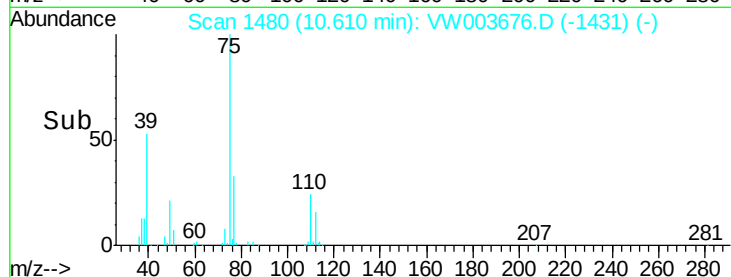
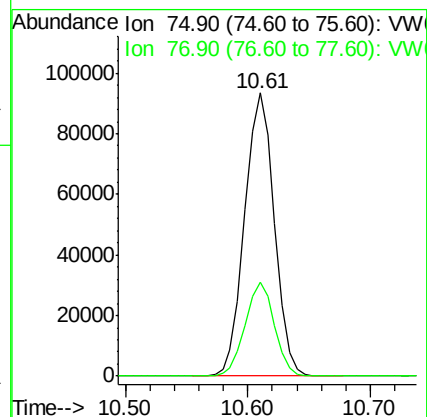
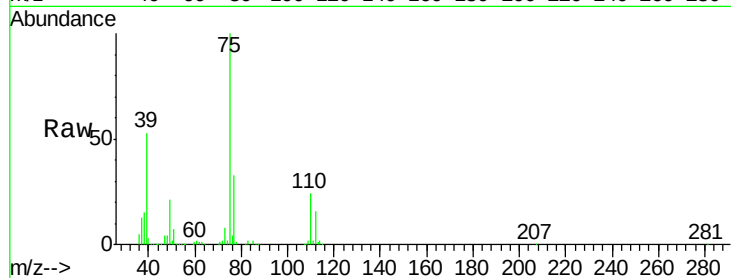
77 33.0 24.9 37.3

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#54

cis-1,3-Dichloropropene

Concen: 58.75 ug/l

RT: 10.07 min Scan# 1392

Delta R.T. -0.01 min

Lab File: VW003676.D

Acq: 29 Jun 2018 22:00

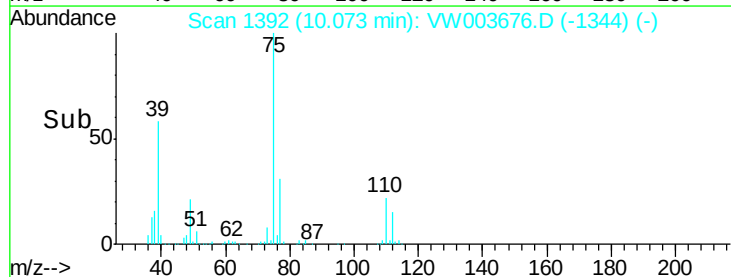
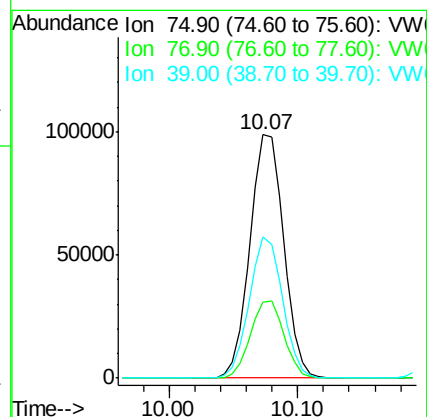
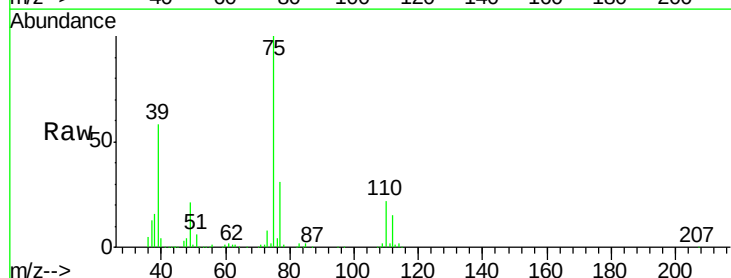
Tgt Ion: 75 Resp: 178472

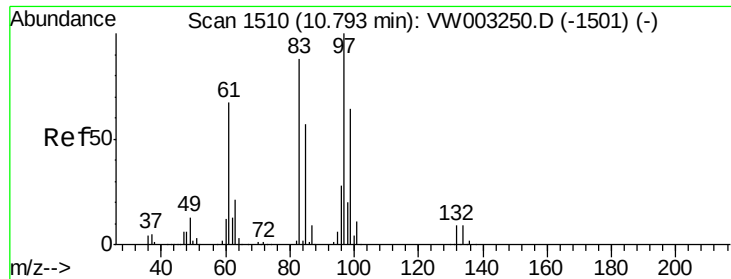
Ion Ratio Lower Upper

75 100

77 31.1 25.8 38.6

39 57.8 45.2 67.8





#55

1,1,2-Trichloroethane

Concen: 60.56 ug/l

RT: 10.79 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VW003676.D

Acq: 29 Jun 2018 22:00

Instrument :

MSVOA_W

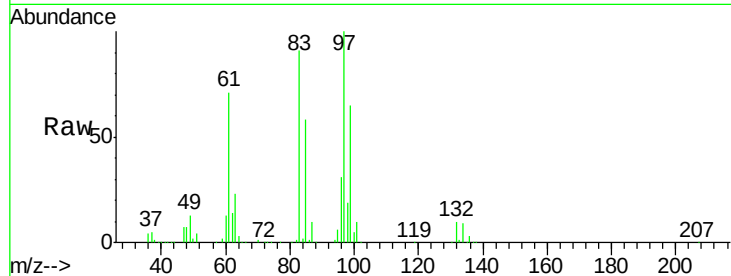
ClientSampleId :

VSTDCCC050EC

Tot Ion:	97	Resp:	86993
Ion	Ratio	Lower	Upper
97	100		
83	90.5	70.2	105.2
85	58.2	45.6	68.4
99	65.1	51.2	76.8

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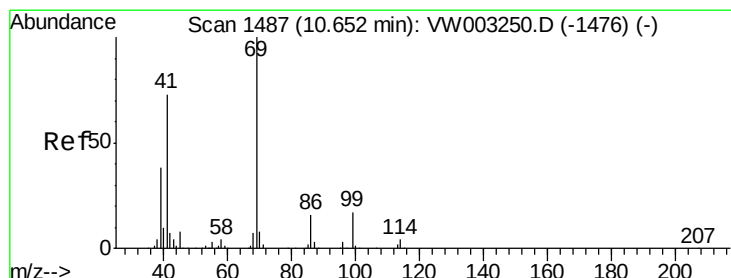
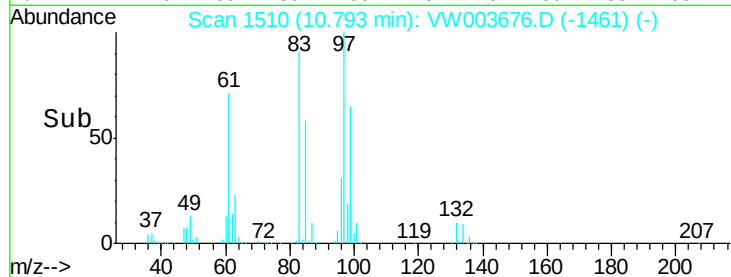
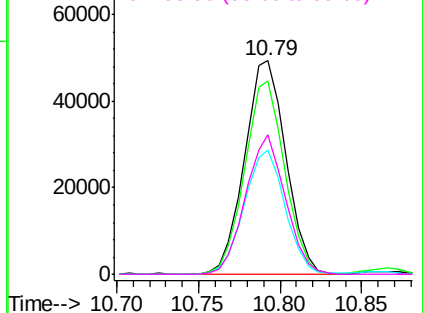


Abundance Ion 96.90 (96.60 to 97.60): VW

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: 63.82 ug/l

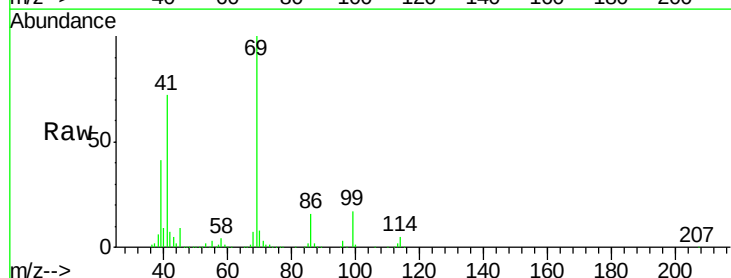
RT: 10.65 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW003676.D

Acq: 29 Jun 2018 22:00

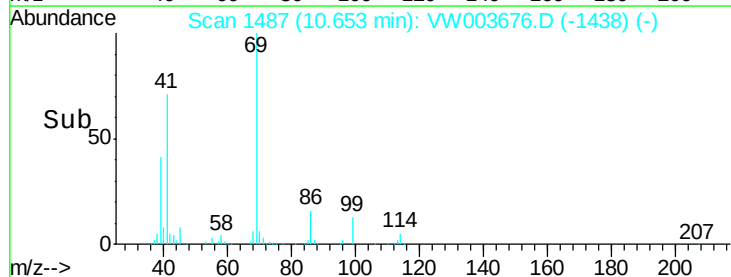
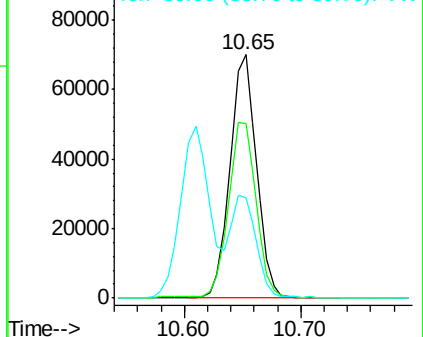
Tgt Ion:	69	Resp:	111318
Ion	Ratio	Lower	Upper
69	100		
41	76.5	57.8	86.6
39	39.7	32.7	49.1

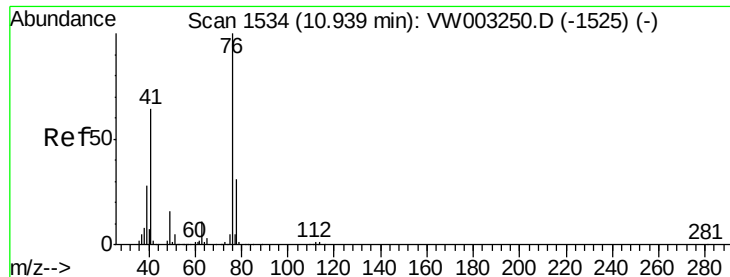


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW





#57

1,3-Dichloropropane

Concen: 62.00 ug/l

RT: 10.93 min Scan# 1533

Delta R.T. -0.01 min

Lab File: VW003676.D

Acq: 29 Jun 2018 22:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 153605

Ion Ratio Lower Upper

76 100

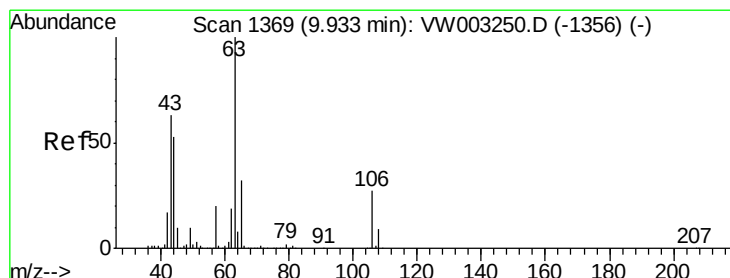
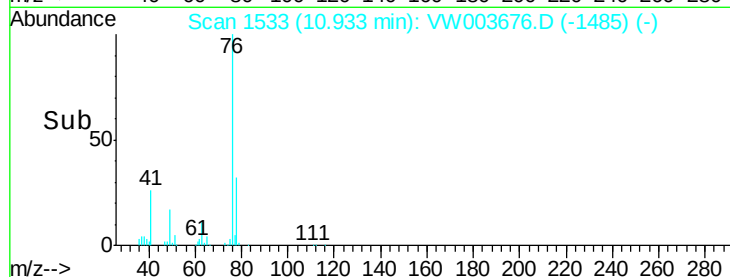
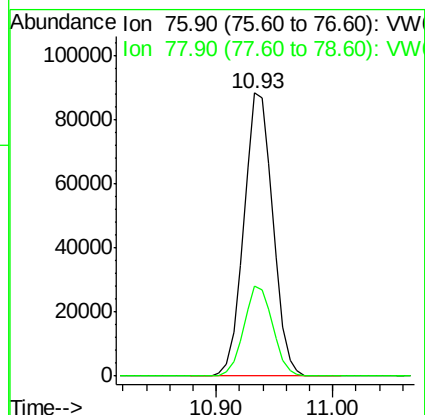
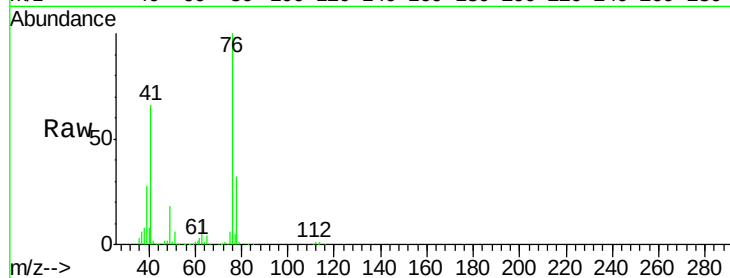
78 31.7 25.7 38.5

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#58

2-Chloroethyl Vinyl ether

Concen: 318.51 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. -0.01 min

Lab File: VW003676.D

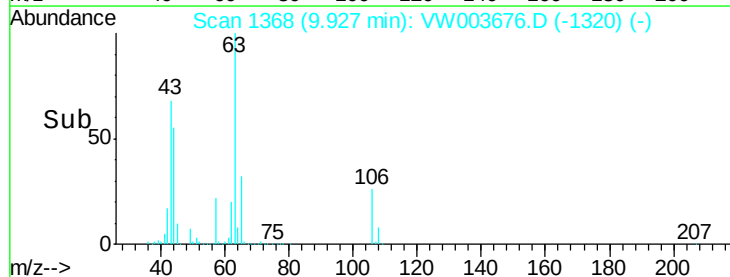
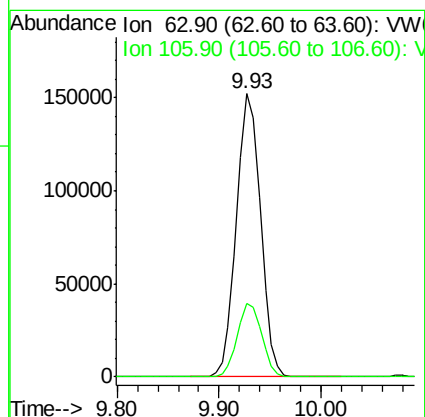
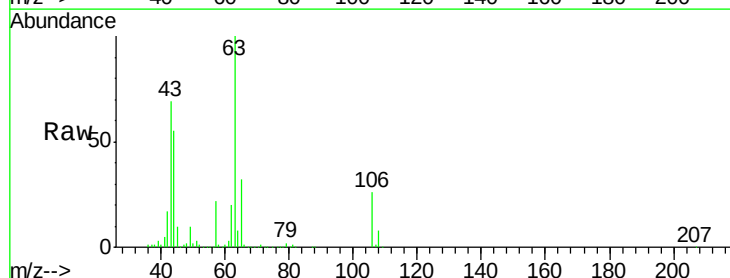
Acq: 29 Jun 2018 22:00

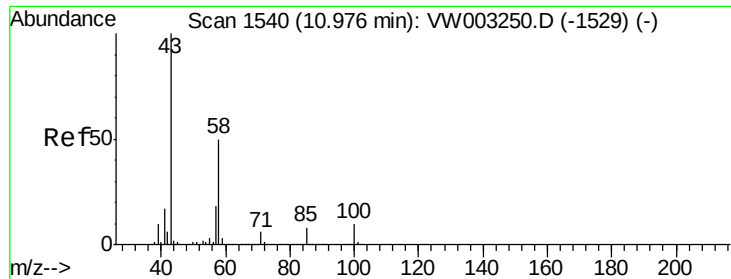
Tgt Ion: 63 Resp: 249053

Ion Ratio Lower Upper

63 100

106 26.2 21.8 32.8





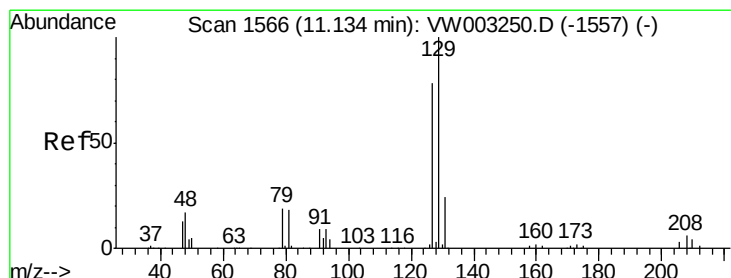
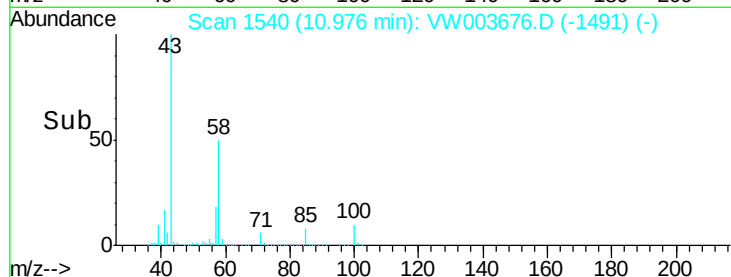
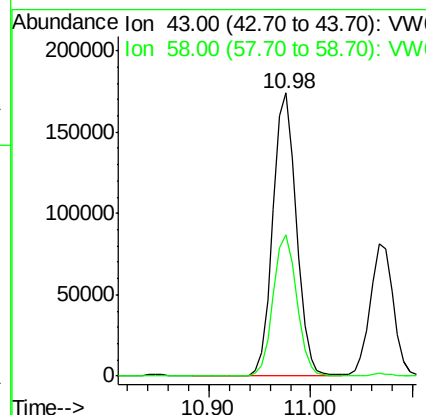
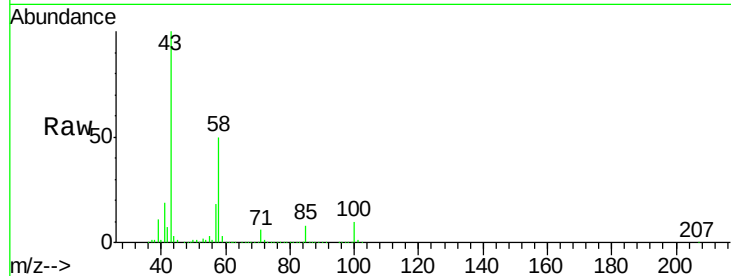
#59
2-Hexanone
Concen: 333.69 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW003676.D
Acq: 29 Jun 2018 22:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 277202
Ion Ratio Lower Upper
43 100
58 50.0 25.0 75.0

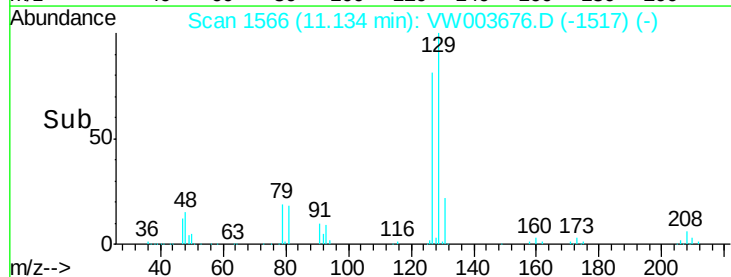
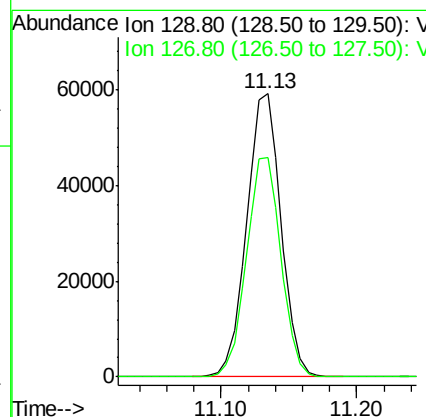
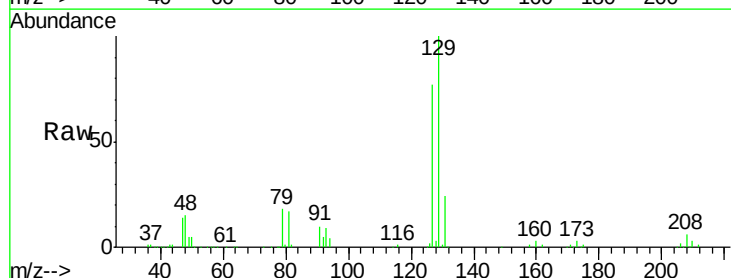
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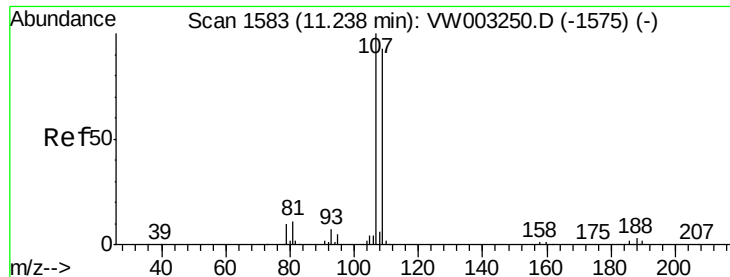
apatel
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#60
Dibromochloromethane
Concen: 61.21 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW003676.D
Acq: 29 Jun 2018 22:00

Tgt Ion: 129 Resp: 104554
Ion Ratio Lower Upper
129 100
127 77.8 39.1 117.5





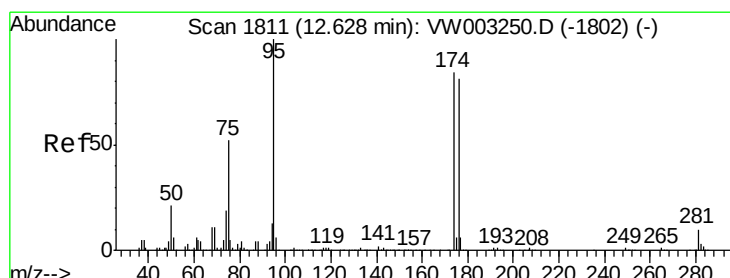
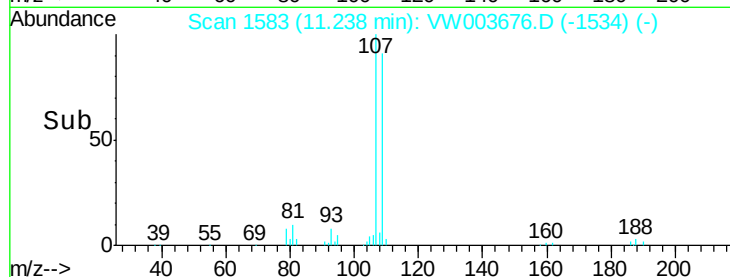
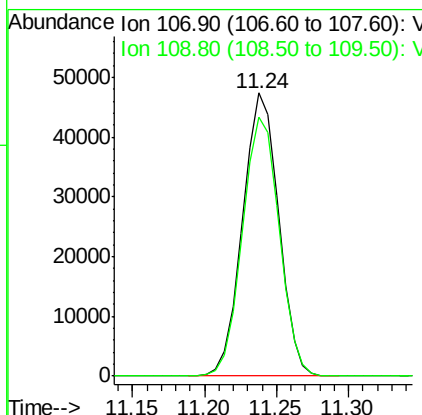
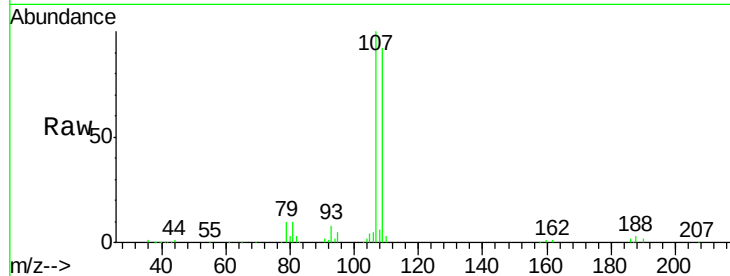
#61
 1,2-Dibromoethane
 Concen: 60.38 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW003676.D
 Acq: 29 Jun 2018 22:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 107 Resp: 82045
 Ion Ratio Lower Upper
 107 100
 109 93.3 75.8 113.6

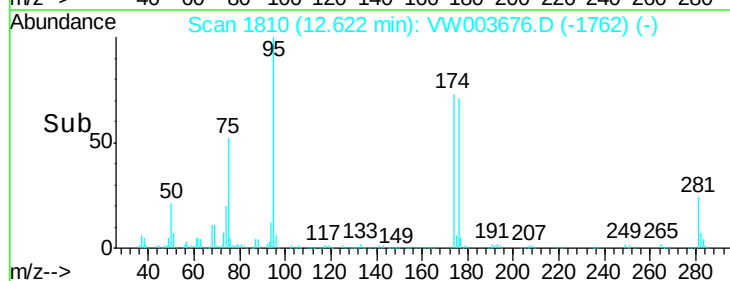
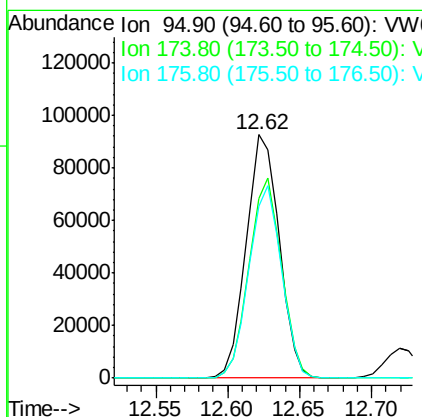
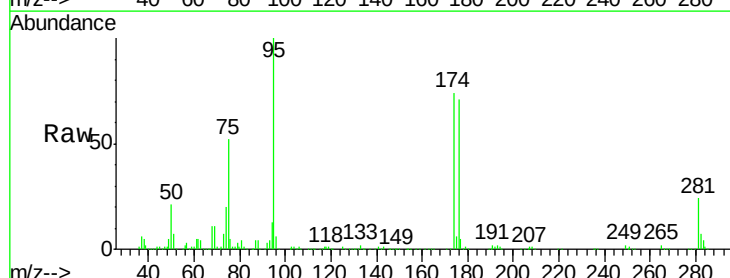
Manual Integrations
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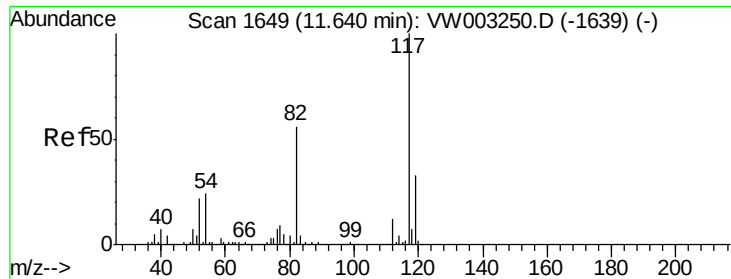
apatel
 7/2/2018 11:00:44 AM



#62
 4-Bromofluorobenzene
 Concen: 57.38 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.01 min
 Lab File: VW003676.D
 Acq: 29 Jun 2018 22:00

Tgt Ion: 95 Resp: 146968
 Ion Ratio Lower Upper
 95 100
 174 80.8 0.0 166.4
 176 78.2 0.0 162.0





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.63 min Scan# 1648

Delta R.T. -0.01 min

Lab File: VW003676.D

Acq: 29 Jun 2018 22:00

Instrument :

MSVOA_W

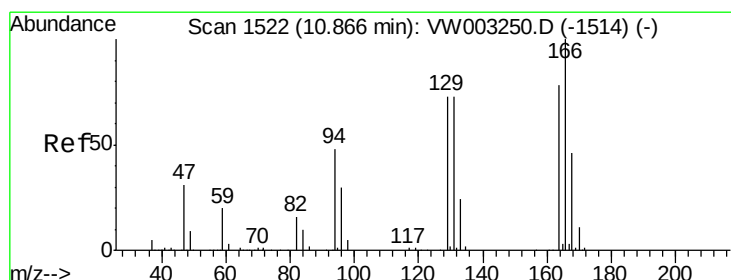
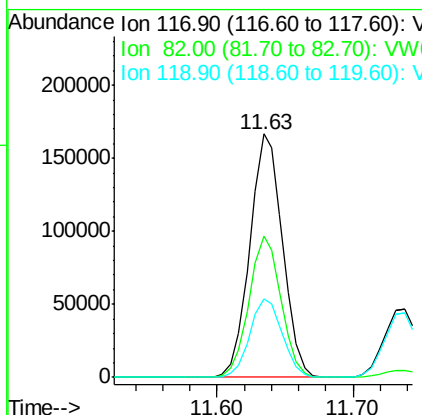
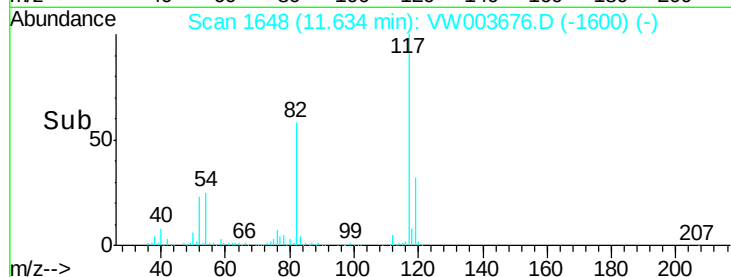
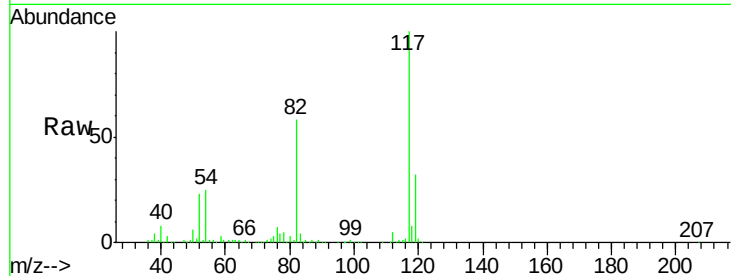
ClientSampleId :

VSTDCCC050EC

Tot Ion:	117	Resp:	280646
Ion Ratio	Lower	Upper	
117	100		
82	58.2	44.6	67.0
119	32.1	26.7	40.1

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#64

Tetrachloroethene

Concen: 53.14 ug/l

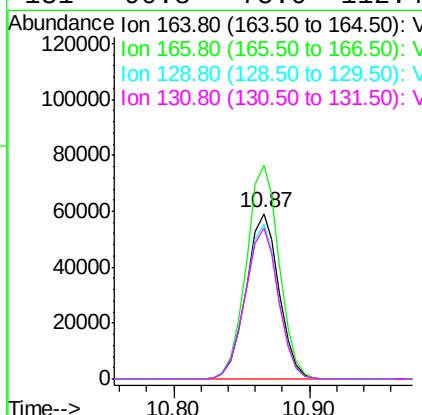
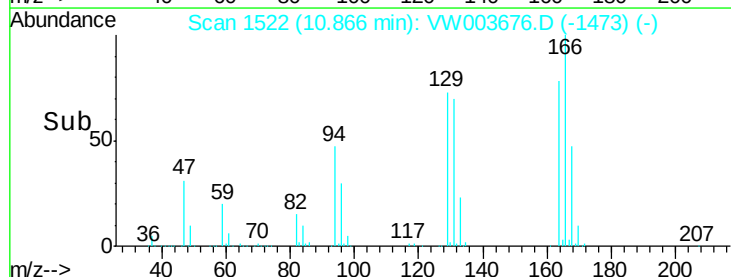
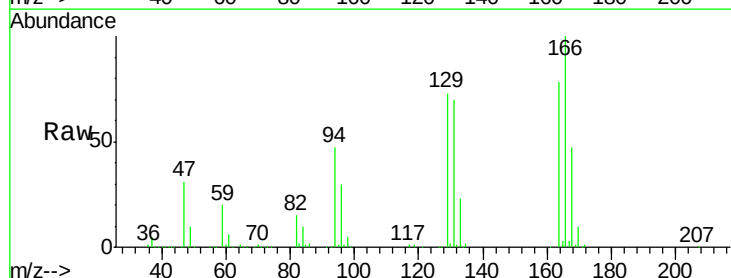
RT: 10.87 min Scan# 1522

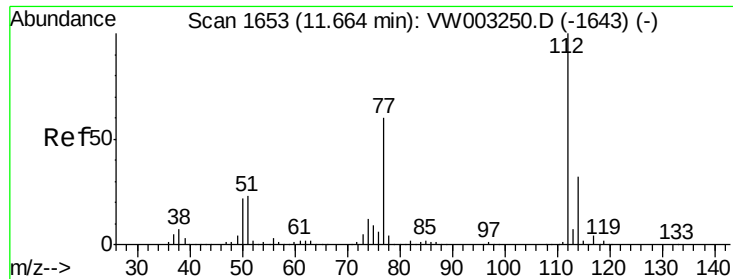
Delta R.T. 0.00 min

Lab File: VW003676.D

Acq: 29 Jun 2018 22:00

Tgt Ion:	164	Resp:	99743
Ion Ratio	Lower	Upper	
164	100		
166	128.8	102.6	154.0
129	93.7	75.2	112.8
131	90.8	75.0	112.4





#65

Chlorobenzene

Concen: 55.02 ug/l

RT: 11.66 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VW003676.D

Acq: 29 Jun 2018 22:00

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 321545

Ion Ratio Lower Upper

112 100

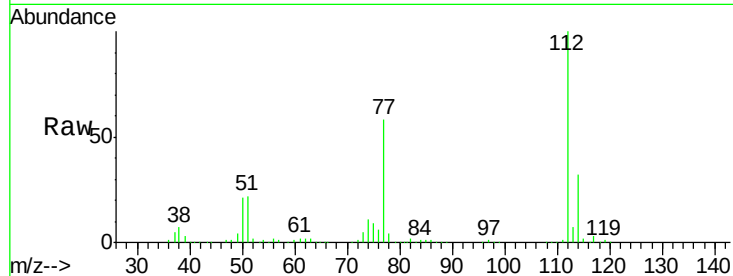
114 31.6 25.9 38.9

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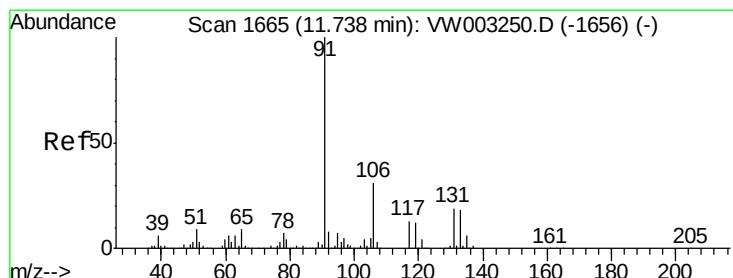
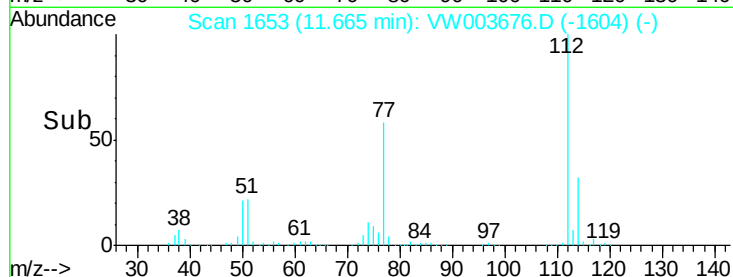
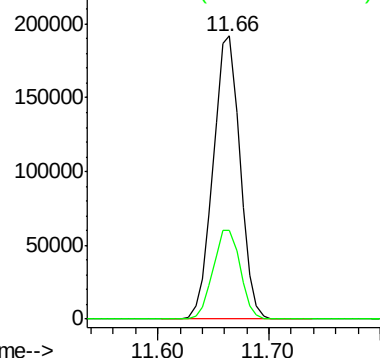
apatel

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 56.26 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VW003676.D

Acq: 29 Jun 2018 22:00

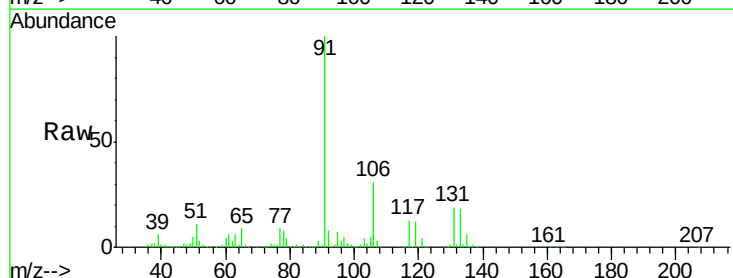
Tgt Ion:131 Resp: 115547

Ion Ratio Lower Upper

131 100

133 96.2 47.3 142.0

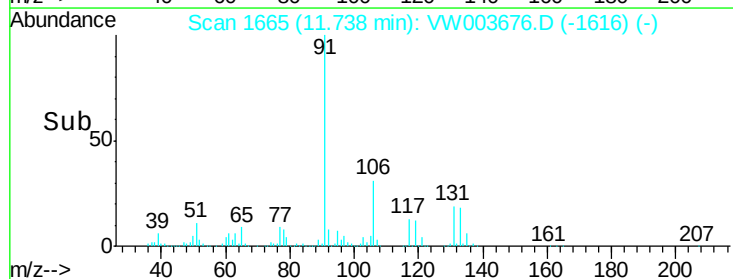
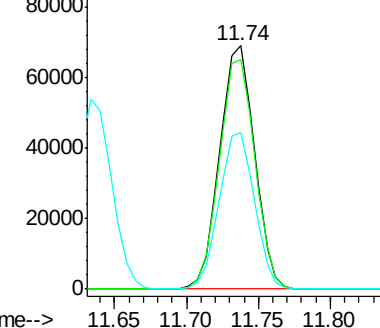
119 65.1 32.5 97.4

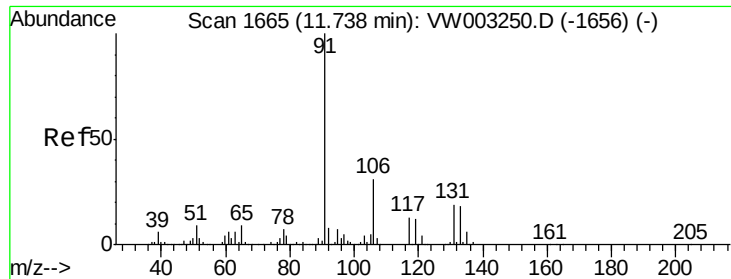


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





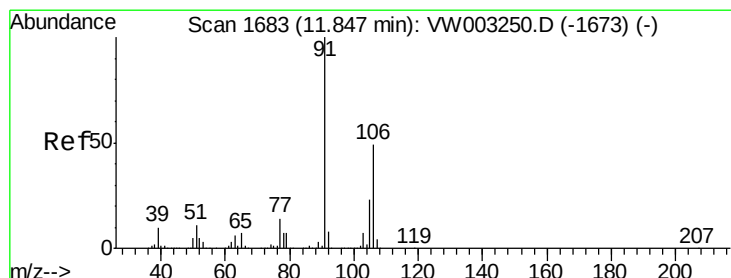
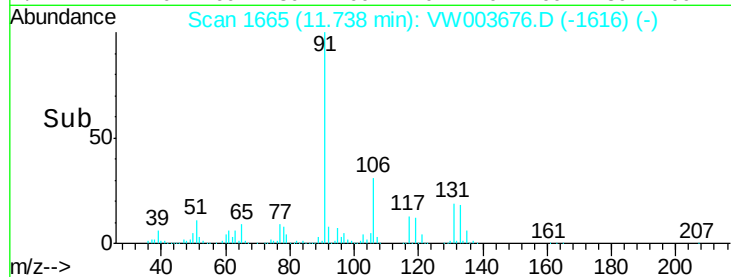
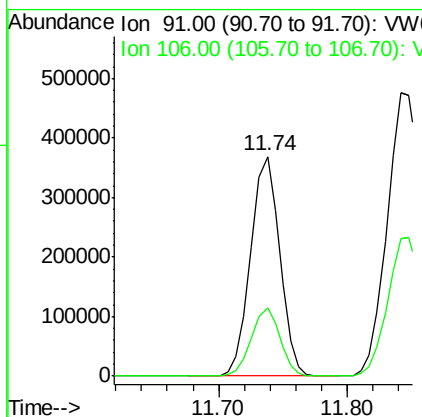
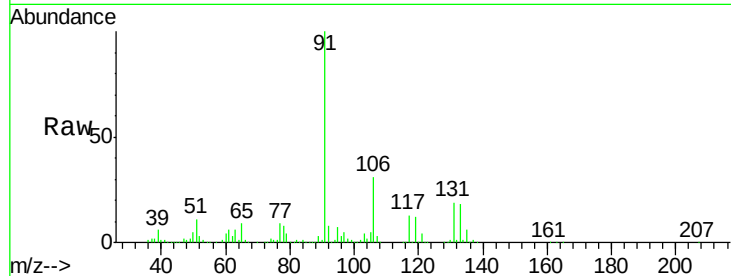
#67
Ethyl Benzene
Concen: 55.43 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003676.D
Acq: 29 Jun 2018 22:00

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050EC

Tot Ion: 91 Resp: 574273
Ion Ratio Lower Upper
91 100
106 31.0 24.7 37.1

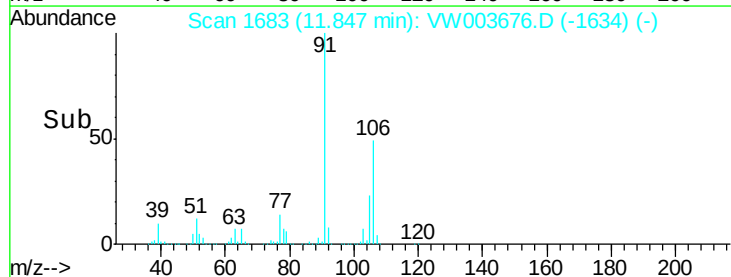
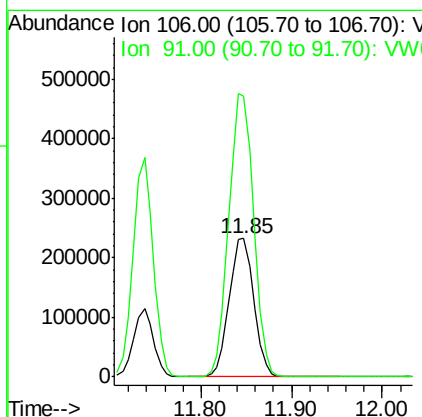
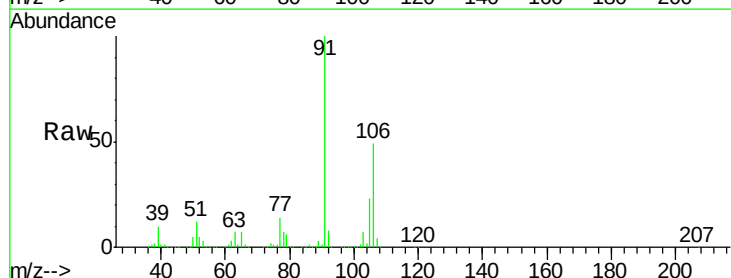
Manual Integrations
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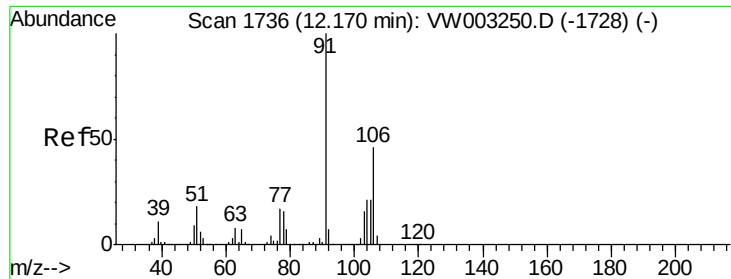
apatel
7/2/2018 11:00:44 AM



#68
m/p-Xylenes
Concen: 111.18 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW003676.D
Acq: 29 Jun 2018 22:00

Tgt Ion: 106 Resp: 437817
Ion Ratio Lower Upper
106 100
91 206.5 165.4 248.0





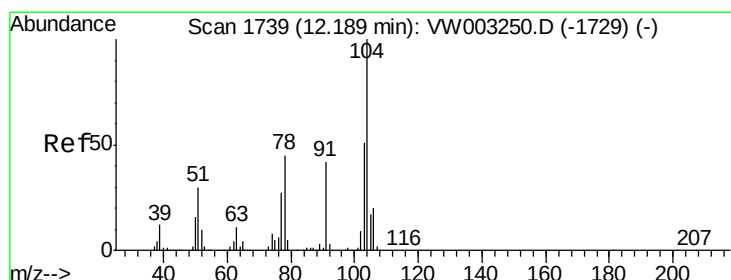
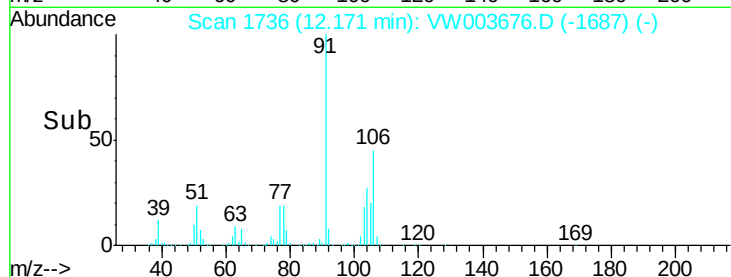
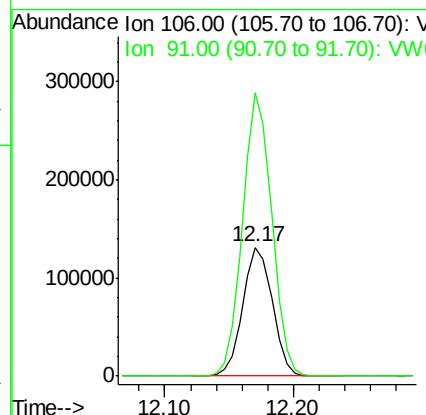
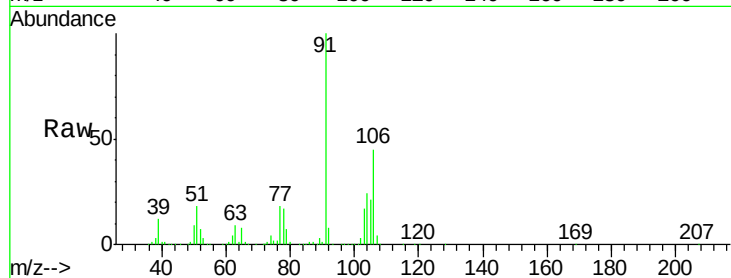
#69
o-Xylene
Concen: 56.97 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003676.D
Acq: 29 Jun 2018 22:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	207939		
91	91	217.5	108.6	325.6	

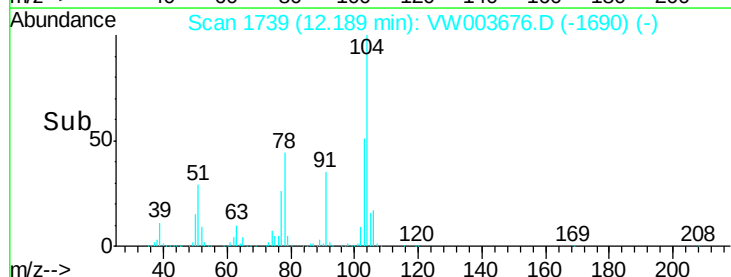
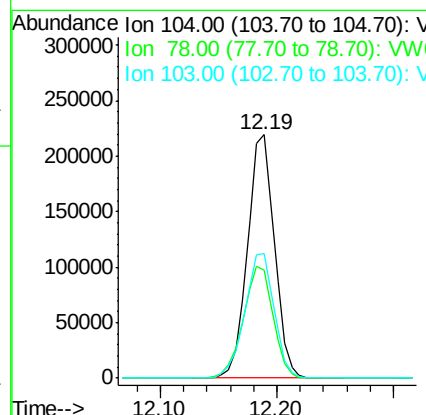
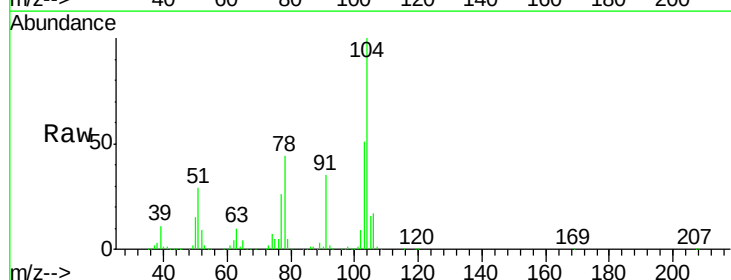
Manual Integrations
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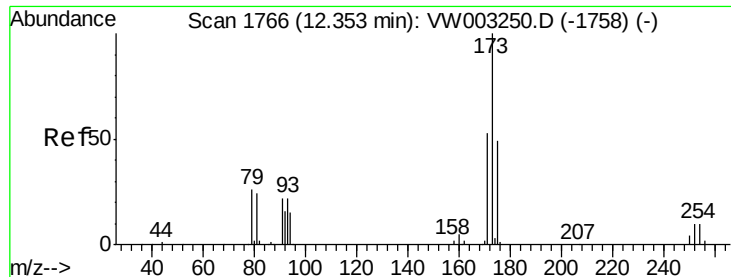
apatel
7/2/2018 11:00:44 AM



#70
Styrene
Concen: 58.43 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW003676.D
Acq: 29 Jun 2018 22:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	354952		
78	78	50.8	41.3	61.9	
103	103	55.7	45.0	67.4	





#71

Bromoform

Concen: 59.45 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW003676.D

Acq: 29 Jun 2018 22:00

Instrument :

MSVOA_W

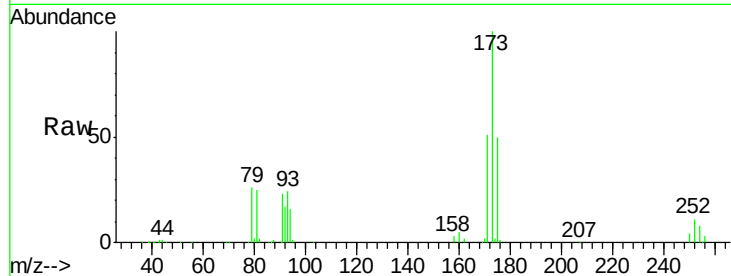
ClientSampleId :

VSTDCCC050EC

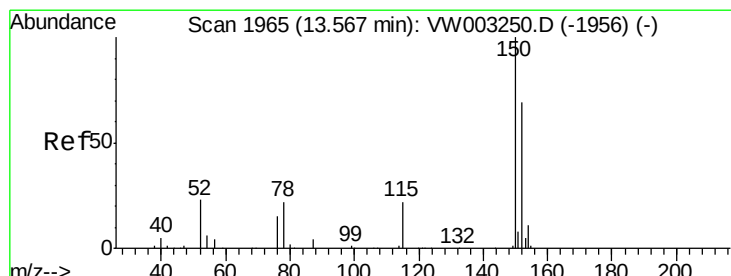
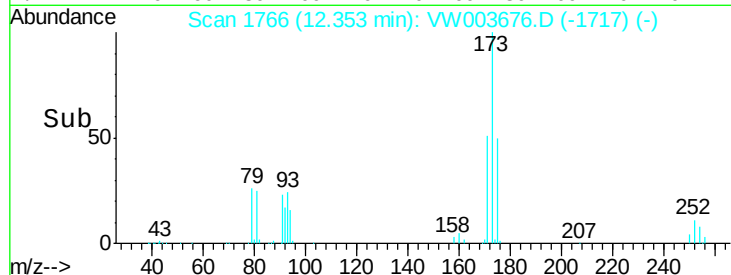
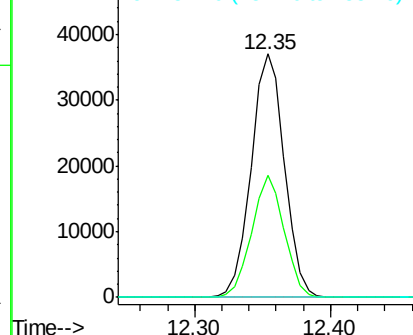
Tot Ion:	173	Resp:	63282
Ion Ratio	Lower	Upper	
173	100		
175	48.9	24.4	73.4
254	0.1	0.1	0.1

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

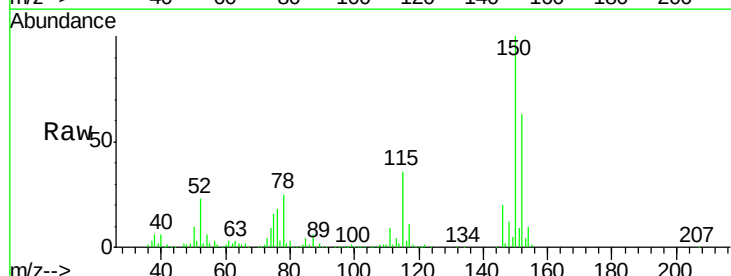
RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

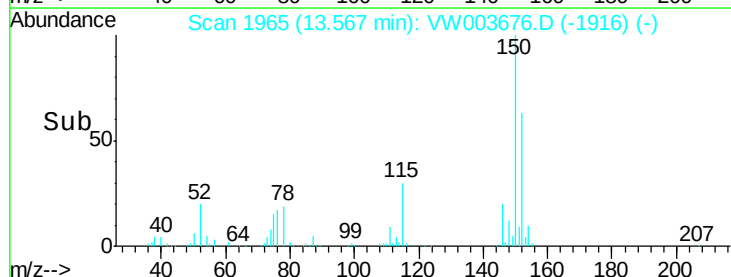
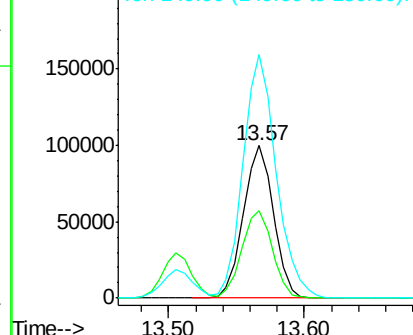
Lab File: VW003676.D

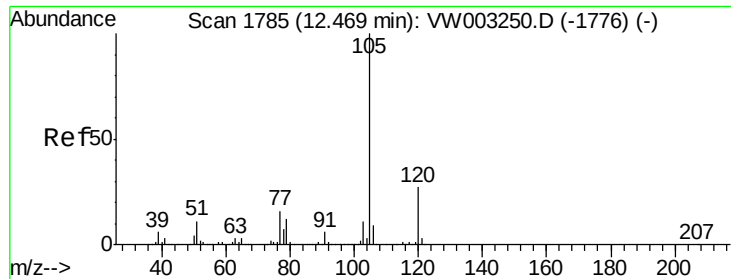
Acq: 29 Jun 2018 22:00

Tgt Ion:	152	Resp:	154195
Ion Ratio	Lower	Upper	
152	100		
115	58.1	29.3	88.0
150	176.0	0.0	349.6



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





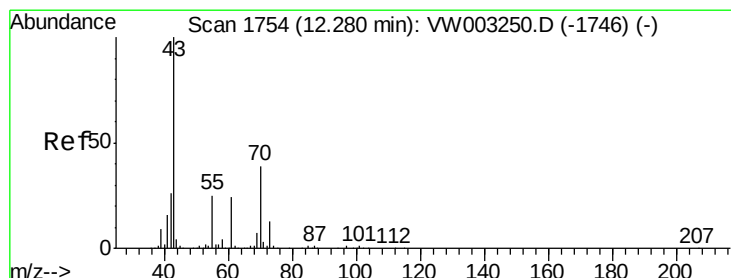
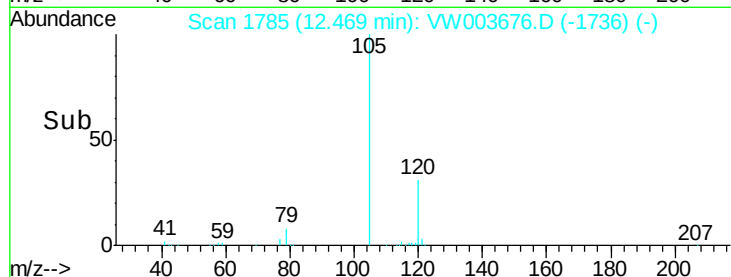
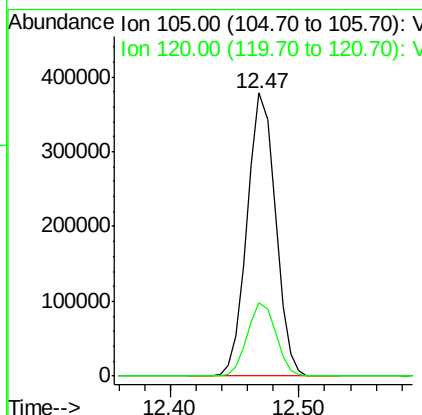
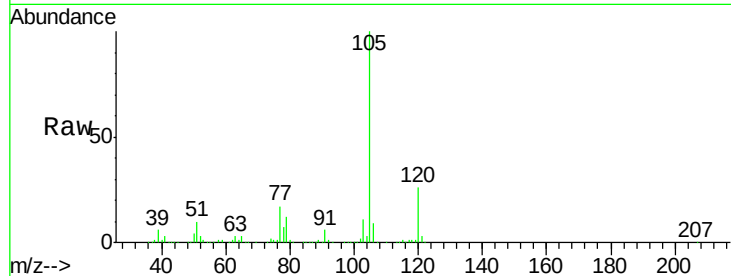
#73
Isopropylbenzene
Concen: 53.65 ug/l
RT: 12.47 min Scan# 1785
Delta R.T. 0.00 min
Lab File: VW003676.D
Acq: 29 Jun 2018 22:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.2	13.2	39.6

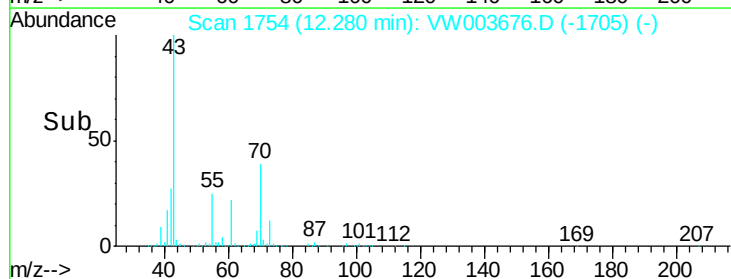
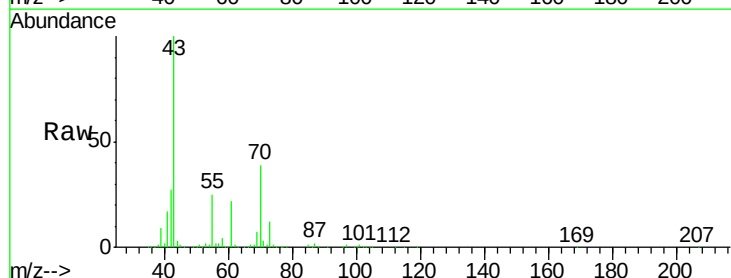
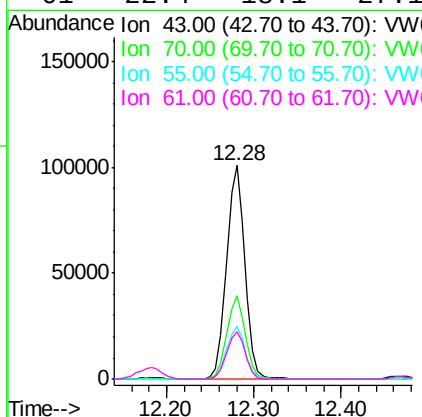
Manual Integrations
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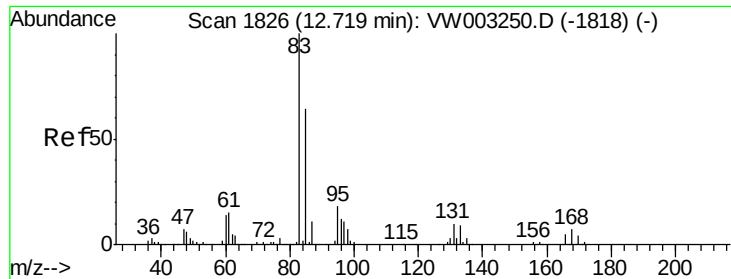
apatel
7/2/2018 11:00:44 AM



#74
N-ethyl acetate
Concen: 59.59 ug/l
RT: 12.28 min Scan# 1754
Delta R.T. 0.00 min
Lab File: VW003676.D
Acq: 29 Jun 2018 22:00

Tgt Ion	Ratio	Lower	Upper
43	100		
70	39.4	31.0	46.6
55	25.2	19.7	29.5
61	22.4	18.1	27.1





#75

1,1,2,2-Tetrachloroethane

Concen: 59.48 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW003676.D

Acq: 29 Jun 2018 22:00

Instrument :

MSVOA_W

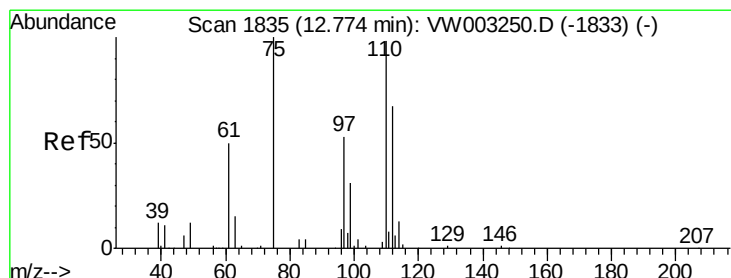
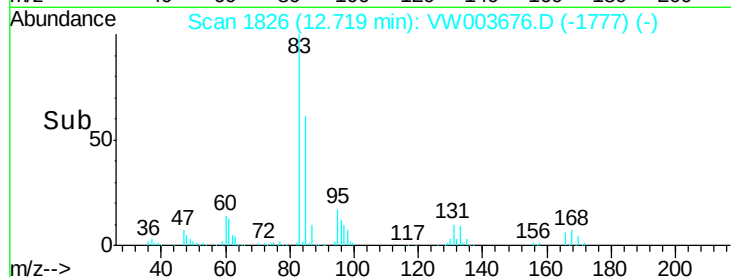
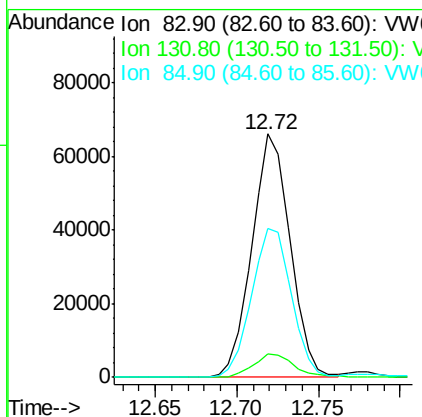
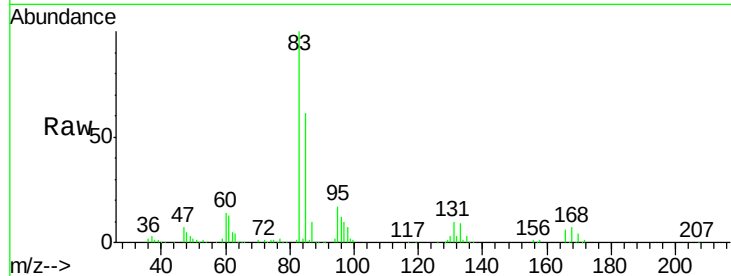
ClientSampled :

VSTDCCC050EC

Tot Ion:	83	Resp:	107925
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.4	16.2
85	63.6	31.9	95.7

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#76

1,2,3-Trichloropropane

Concen: 56.71 ug/l m

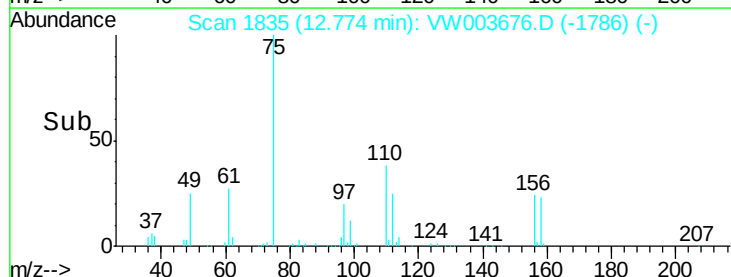
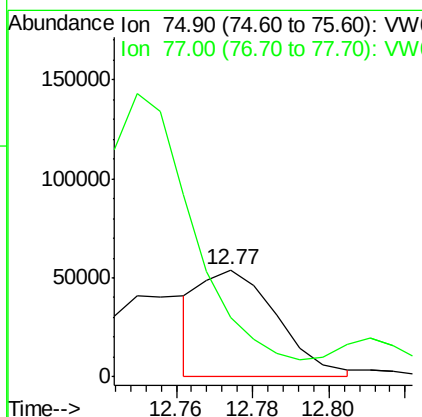
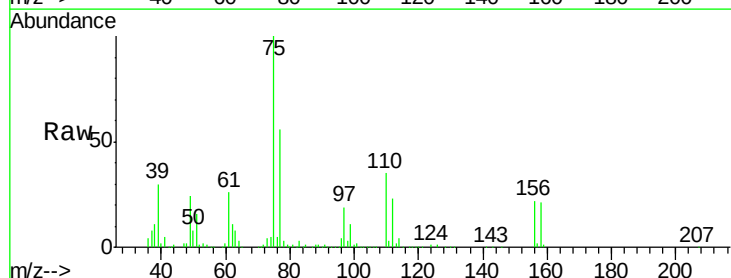
RT: 12.77 min Scan# 1835

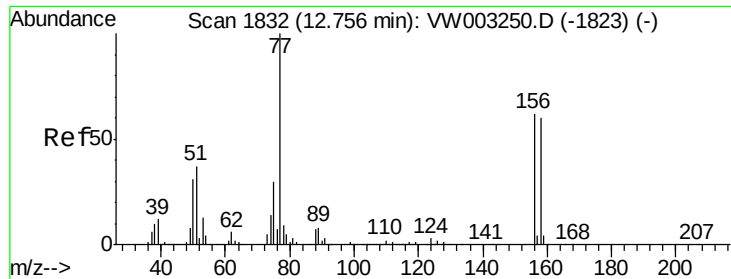
Delta R.T. 0.00 min

Lab File: VW003676.D

Acq: 29 Jun 2018 22:00

Tgt Ion:	75	Resp:	74753
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





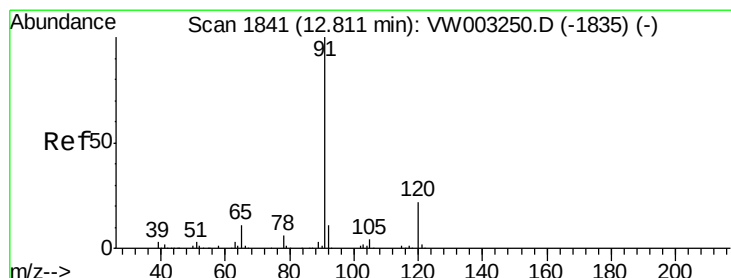
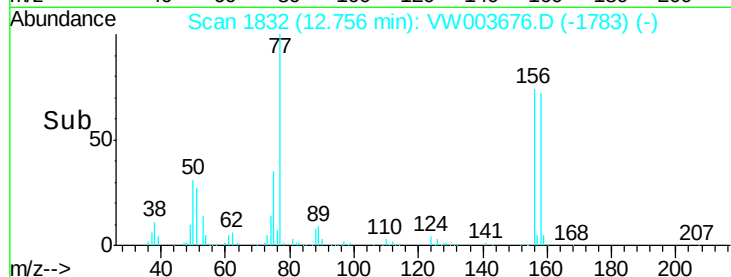
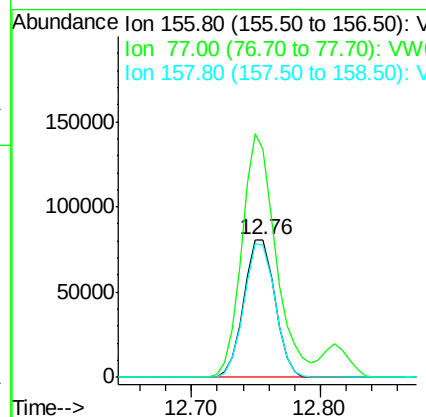
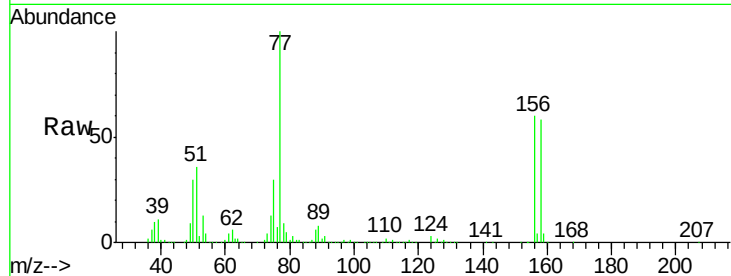
#77
Bromobenzene
Concen: 54.31 ug/l
RT: 12.76 min Scan# 1832
Delta R.T. 0.00 min
Lab File: VW003676.D
Acq: 29 Jun 2018 22:00

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	191.1	92.3	276.9
158	96.7	47.5	142.6

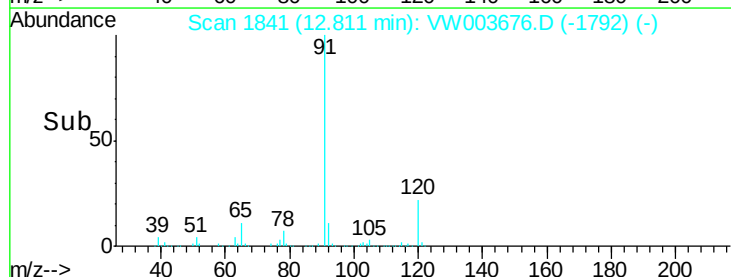
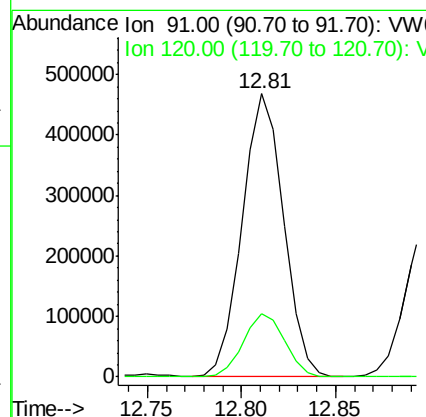
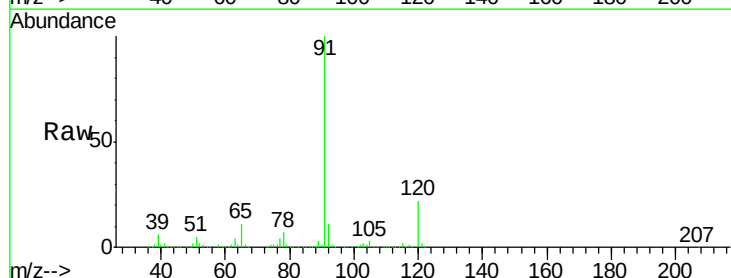
Manual Integrations
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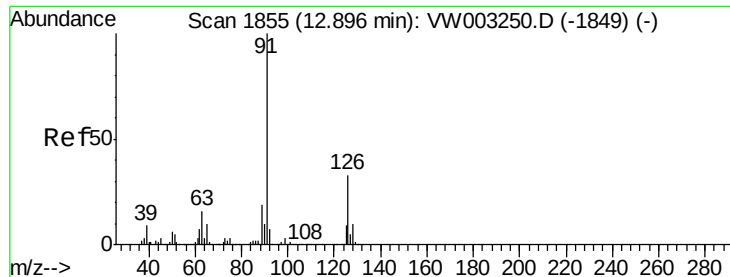
apatel
7/2/2018 11:00:44 AM



#78
n-propylbenzene
Concen: 54.20 ug/l
RT: 12.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VW003676.D
Acq: 29 Jun 2018 22:00

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.5	11.3	33.8





#79

2-Chlorotoluene

Concen: 54.38 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW003676.D

Acq: 29 Jun 2018 22:00

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050EC

Tot Ion: 91 Resp: 403573

Ion Ratio Lower Upper

91 100

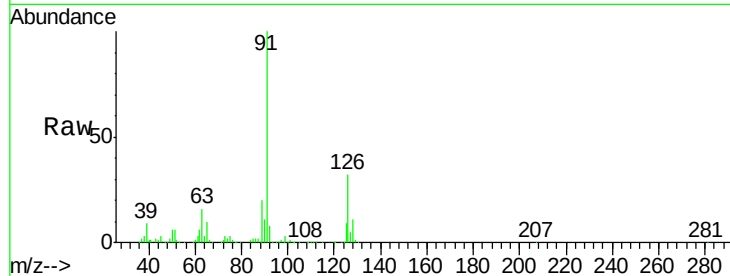
126 33.1 16.8 50.4

Manual Integrations

APPROVED

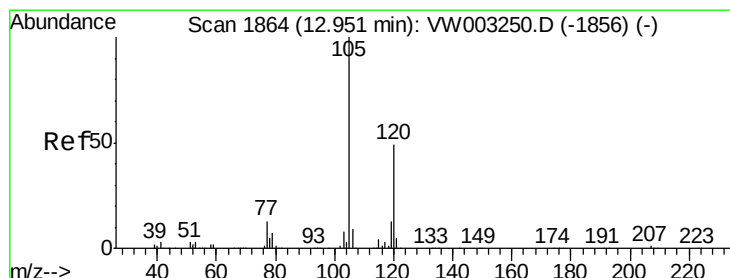
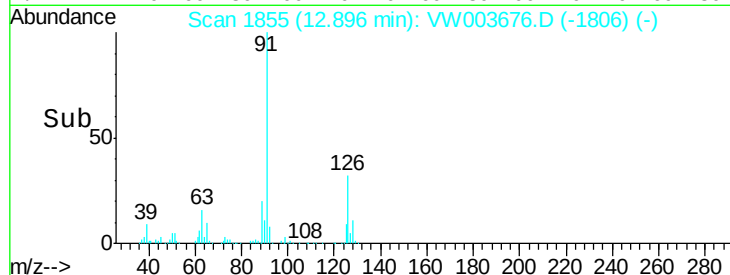
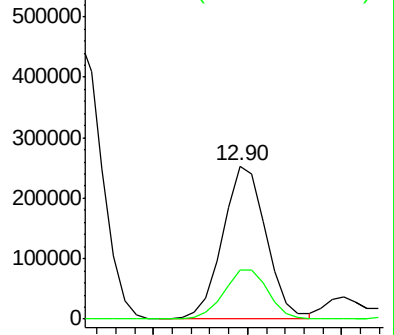
apatel

7/2/2018 11:00:44 AM



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 54.61 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW003676.D

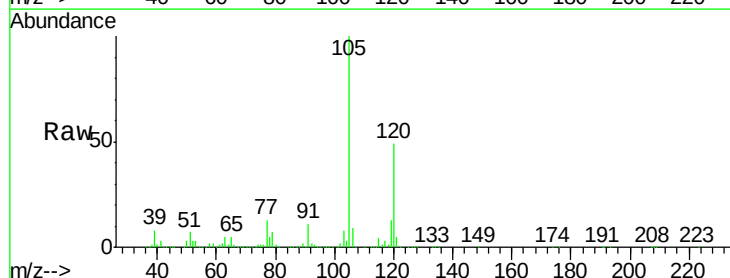
Acq: 29 Jun 2018 22:00

Tgt Ion: 105 Resp: 491583

Ion Ratio Lower Upper

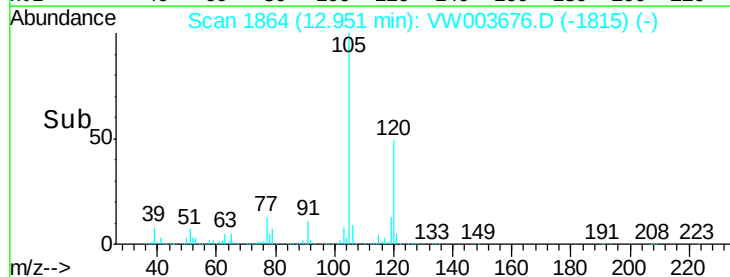
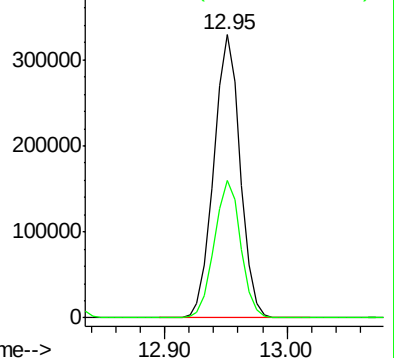
105 100

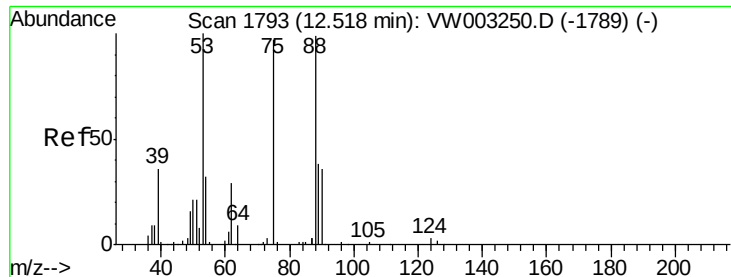
120 48.6 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





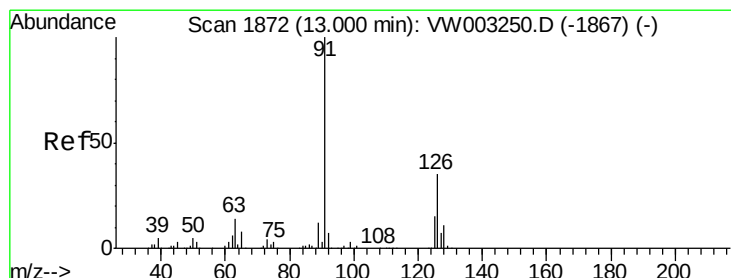
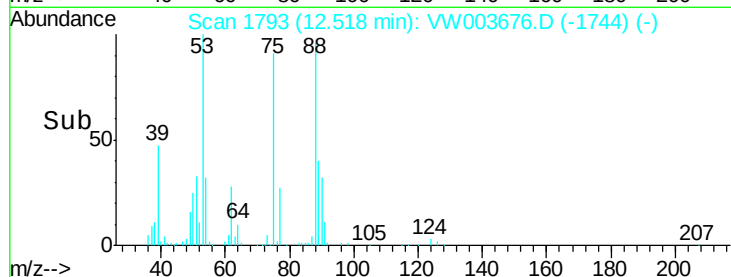
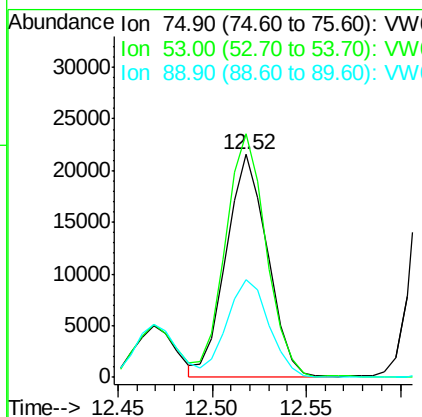
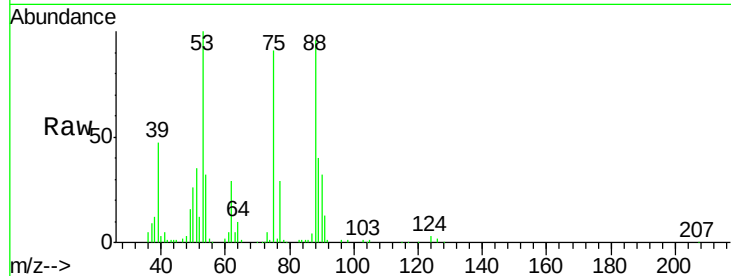
#81
trans-1,4-Dichloro-2-butene
Concen: 56.79 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VW003676.D
Acq: 29 Jun 2018 22:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	108.2	82.9	124.3
89	44.9	36.7	55.1

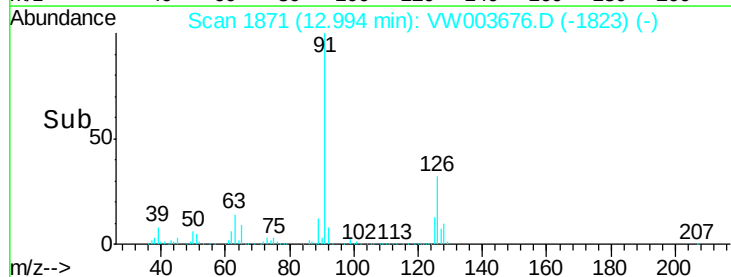
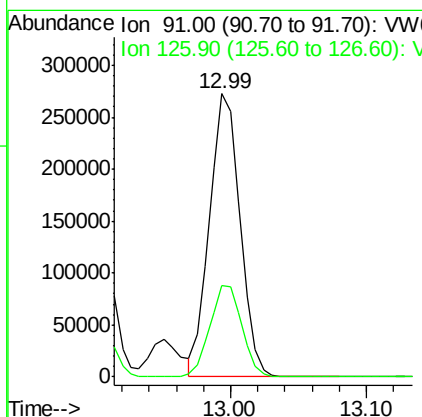
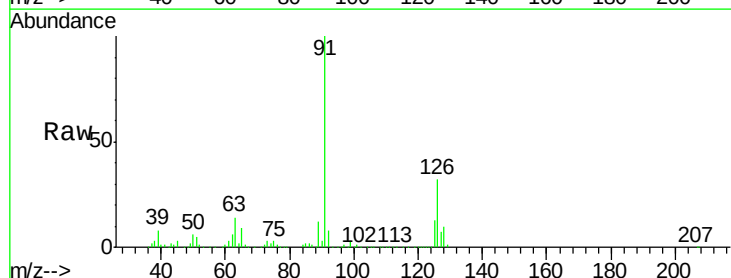
Manual Integrations
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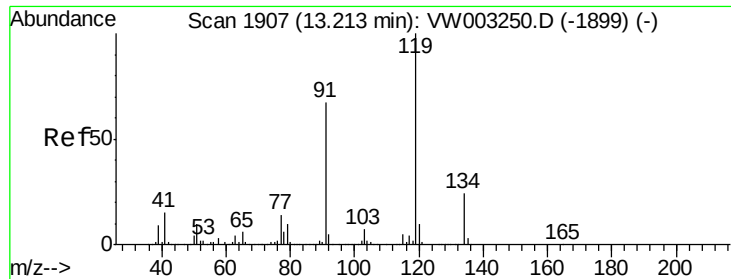
apatel
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#82
4-Chlorotoluene
Concen: 53.87 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. -0.01 min
Lab File: VW003676.D
Acq: 29 Jun 2018 22:00

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.8	16.8	50.3





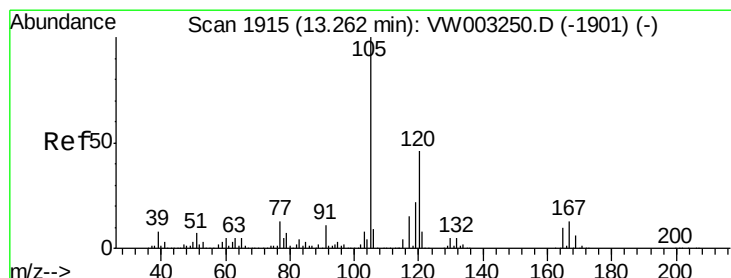
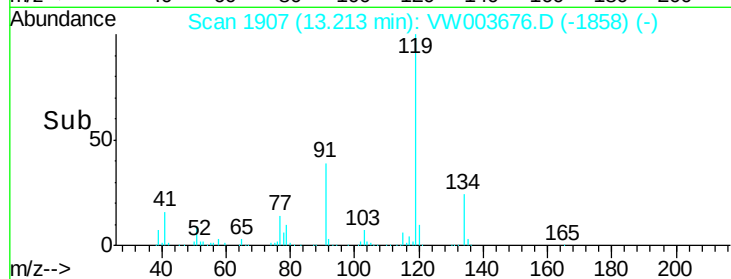
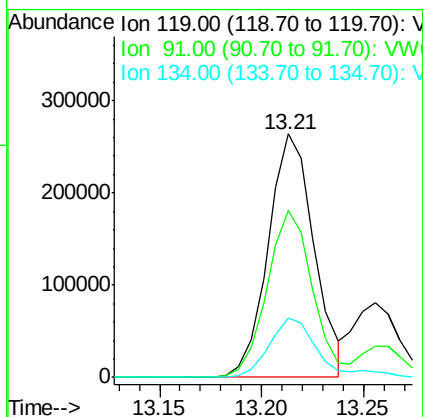
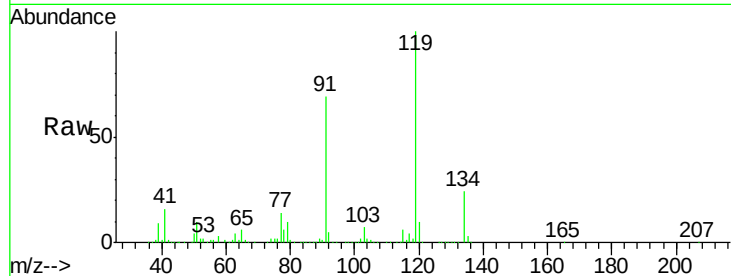
#83
 tert-Butylbenzene
 Concen: 54.00 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VW003676.D
 Acq: 29 Jun 2018 22:00

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	68.3	33.9	101.7
134	26.3	13.4	40.1

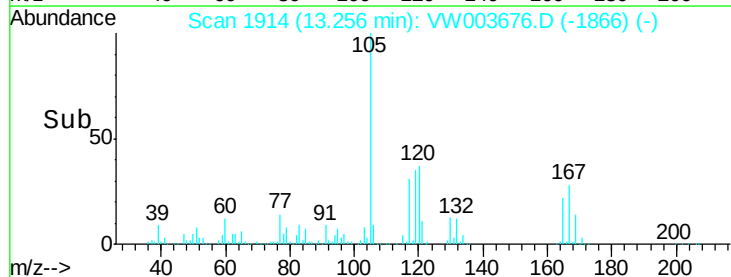
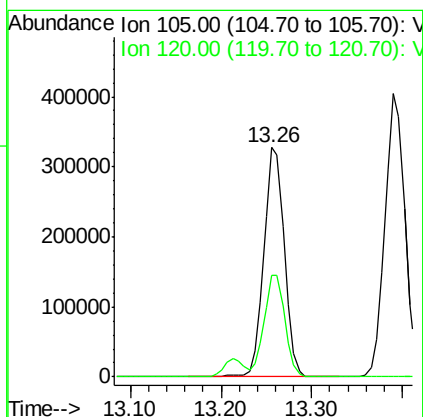
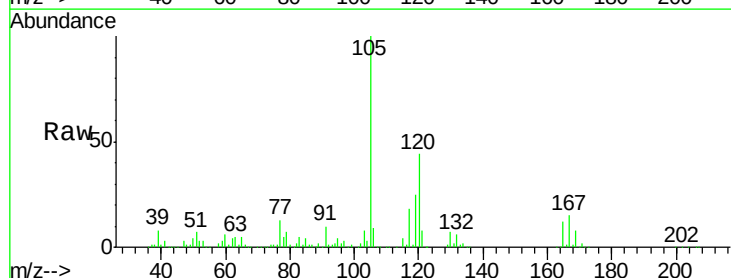
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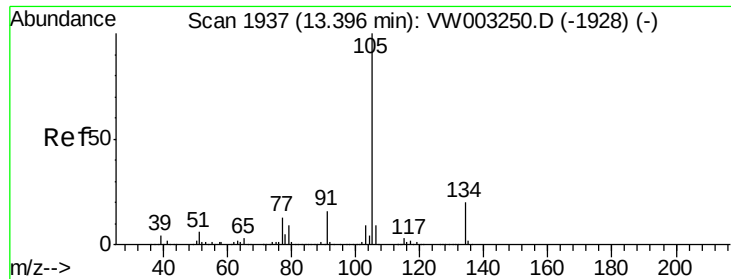
apatel
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#84
 1,2,4-Trimethylbenzene
 Concen: 55.26 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. -0.01 min
 Lab File: VW003676.D
 Acq: 29 Jun 2018 22:00

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.9	22.5	67.5





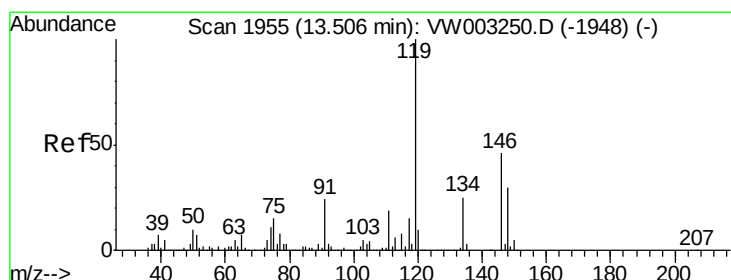
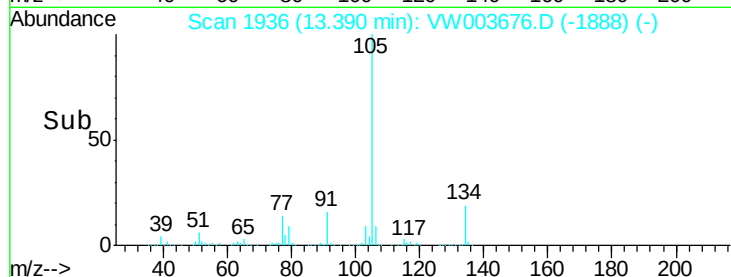
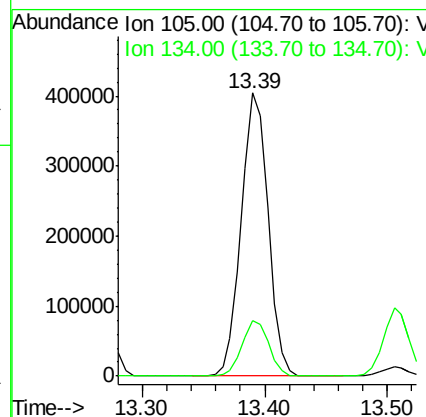
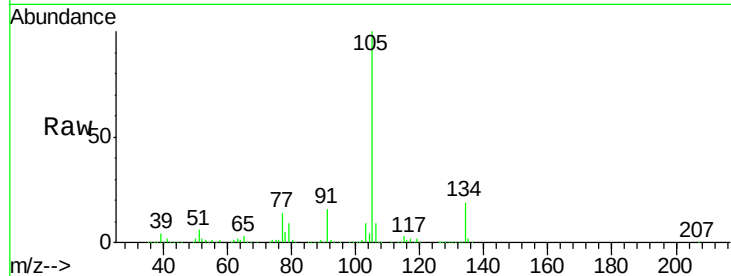
#85
 sec-Butylbenzene
 Concen: 53.77 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: VW003676.D
 Acq: 29 Jun 2018 22:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.6	9.8	29.5

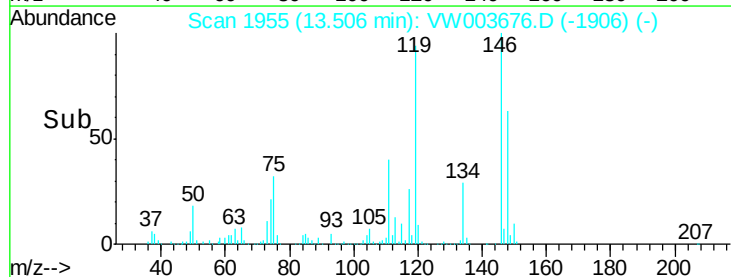
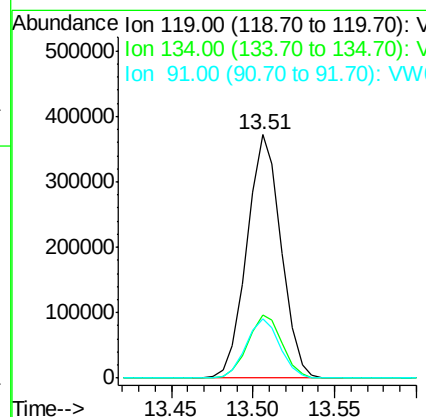
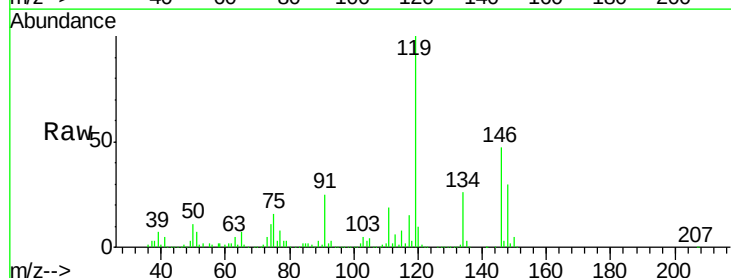
Manual Integrations
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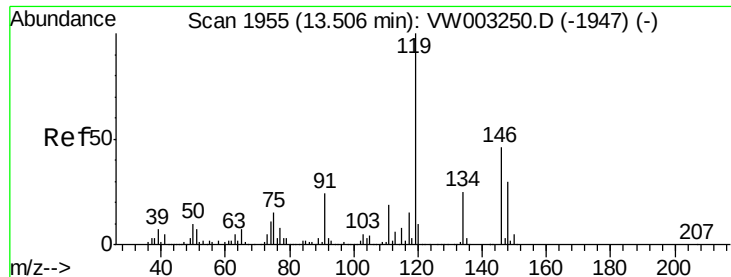
apatel
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#86
 p-Isopropyltoluene
 Concen: 53.85 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003676.D
 Acq: 29 Jun 2018 22:00

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.2	12.9	38.7
91	24.3	11.8	35.3





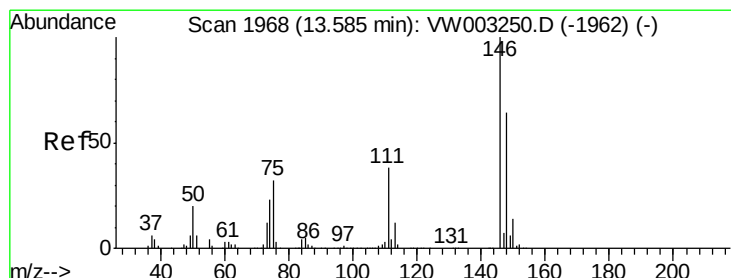
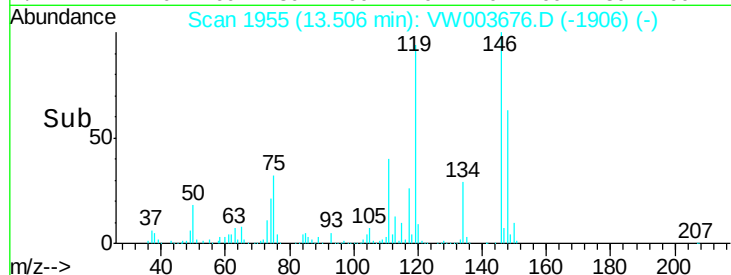
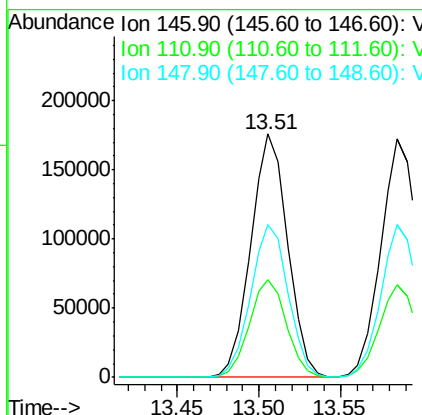
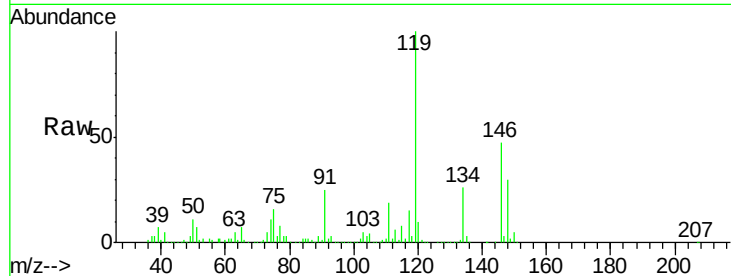
#87
 1,3-Dichlorobenzene
 Concen: 54.06 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003676.D
 Acq: 29 Jun 2018 22:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	277361		
111	40.2	19.8	59.4	
148	63.6	32.1	96.5	

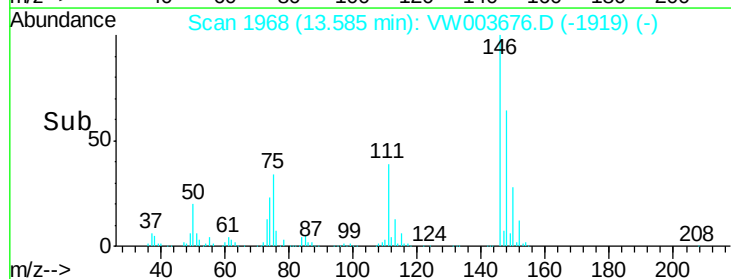
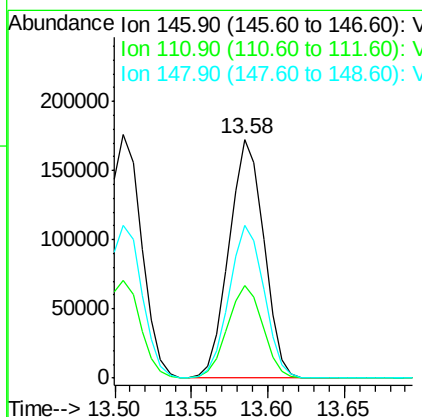
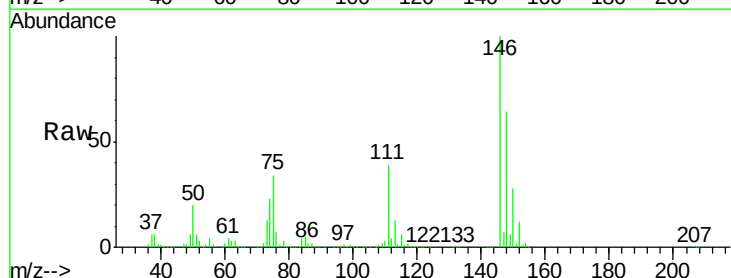
Manual Integrations
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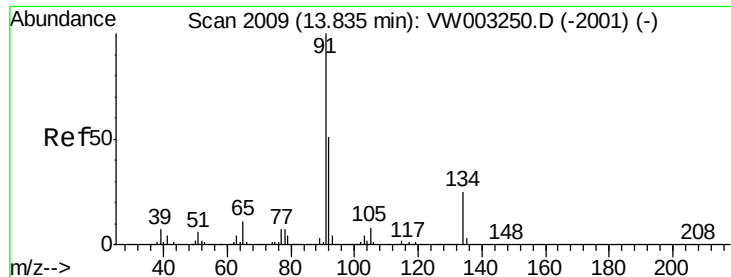
apatel
 7/2/2018 11:00:44 AM



#88
 1,4-Dichlorobenzene
 Concen: 53.52 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW003676.D
 Acq: 29 Jun 2018 22:00

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	272990		
111	39.2	19.2	57.6	
148	64.2	31.8	95.4	





#89

n-Butylbenzene

Concen: 54.28 ug/l

RT: 13.83 min Scan# 2009

Delta R.T. 0.00 min

Lab File: VW003676.D

Acq: 29 Jun 2018 22:00

Instrument :

MSVOA_W

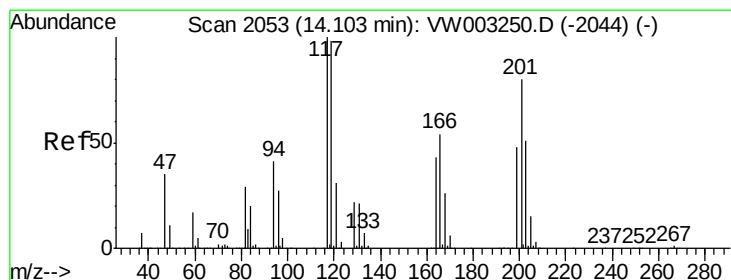
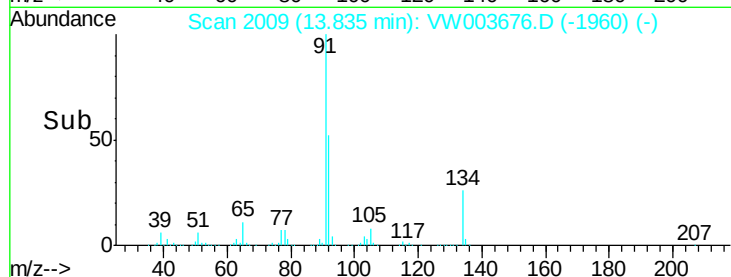
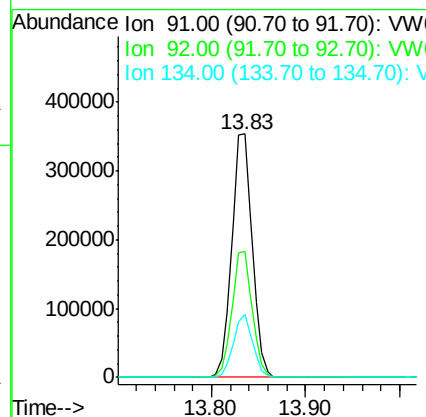
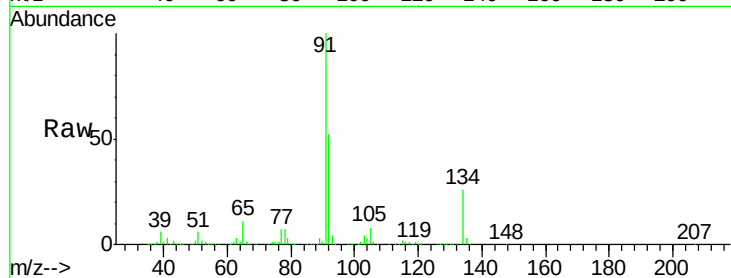
ClientSampled :

VSTDCCC050EC

Tot Ion:	91	Resp:	532182
Ion Ratio	Lower	Upper	
91	100		
92	51.2	26.0	78.0
134	24.6	12.7	38.0

Manual Integrations
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#90

Hexachloroethane

Concen: 54.54 ug/l

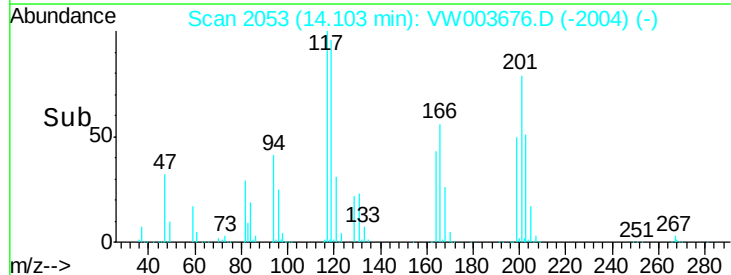
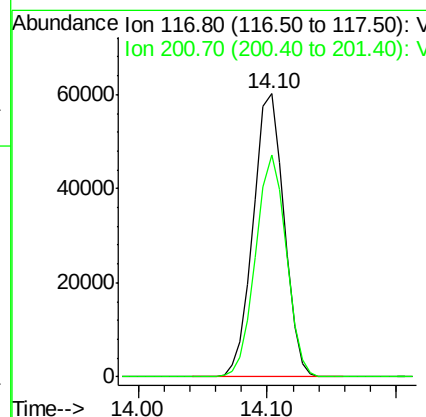
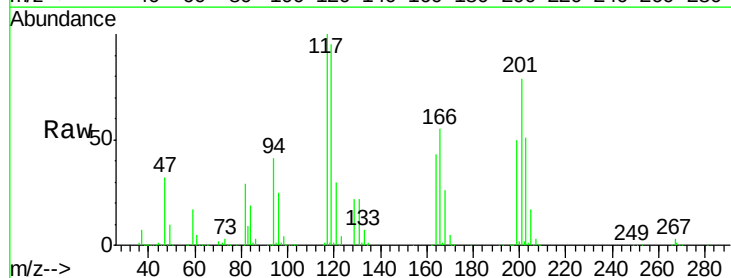
RT: 14.10 min Scan# 2053

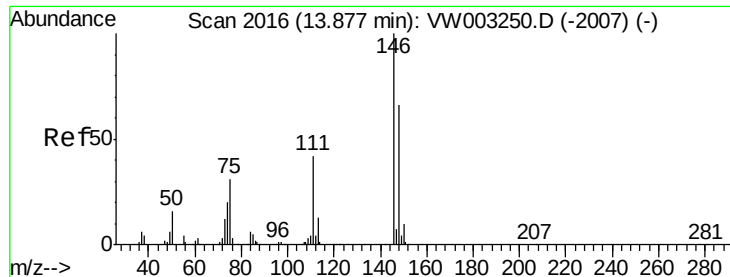
Delta R.T. 0.00 min

Lab File: VW003676.D

Acq: 29 Jun 2018 22:00

Tgt Ion:	117	Resp:	99233
Ion Ratio	Lower	Upper	
117	100		
201	78.0	39.5	118.5





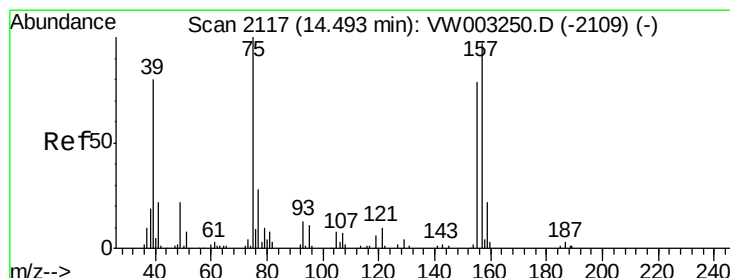
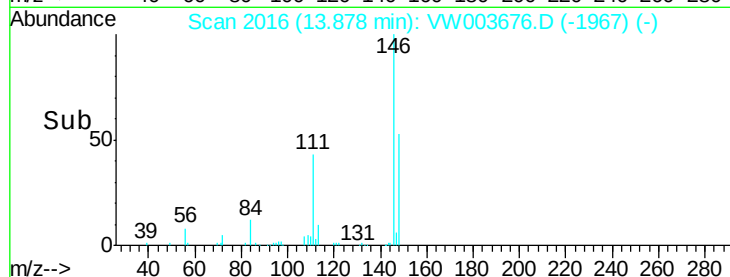
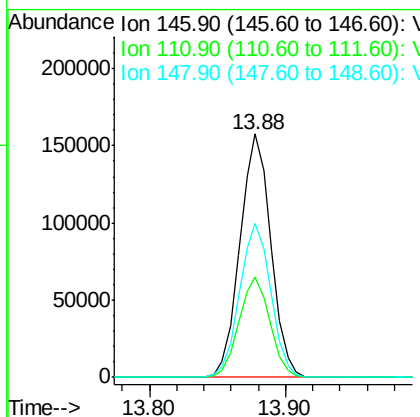
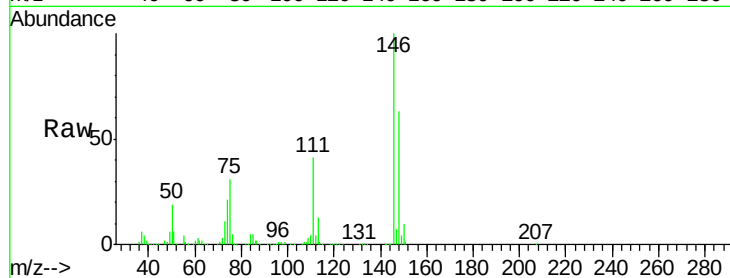
#91
 1,2-Dichlorobenzene
 Concen: 55.56 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW003676.D
 Acq: 29 Jun 2018 22:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	249706		
111	41.2	20.3	61.0	
148	63.8	32.3	96.9	

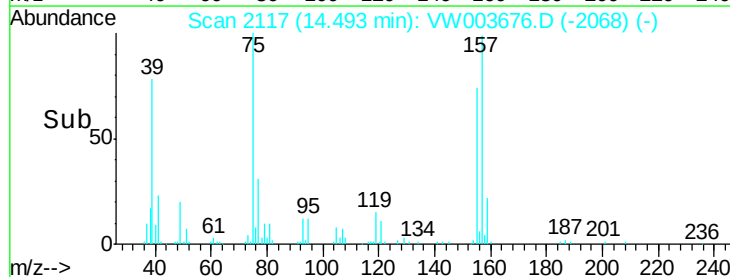
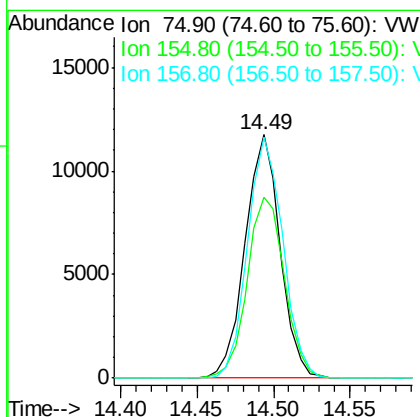
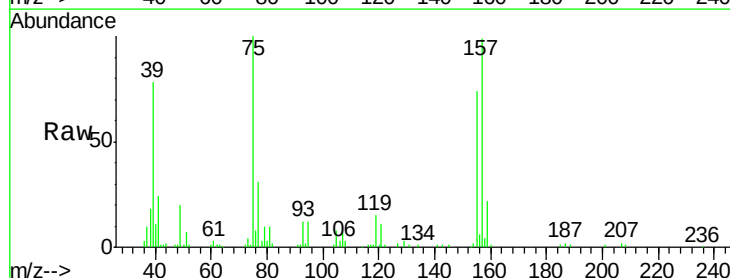
Manual Integrations
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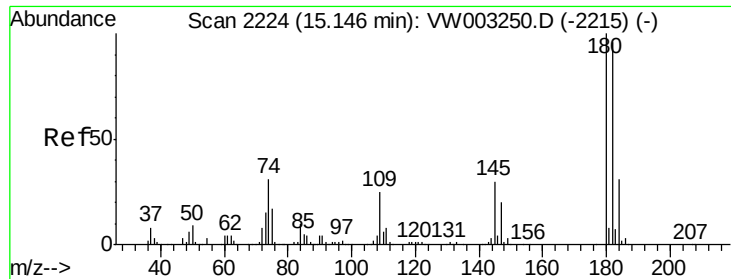
apatel
 7/2/2018 11:00:44 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 61.03 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW003676.D
 Acq: 29 Jun 2018 22:00

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	18634		
155	79.2	39.4	118.2	
157	100.4	51.5	154.5	





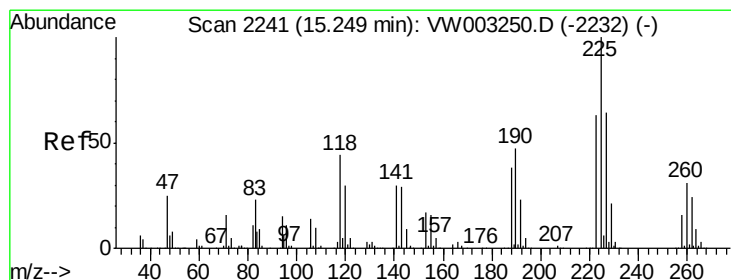
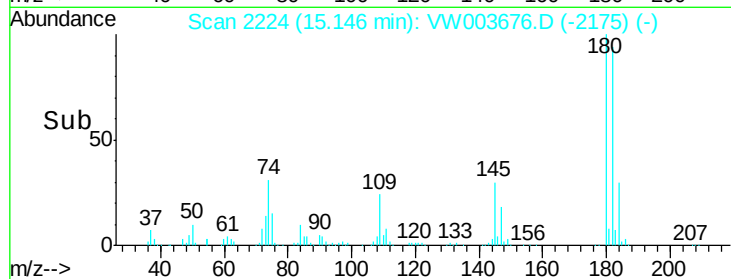
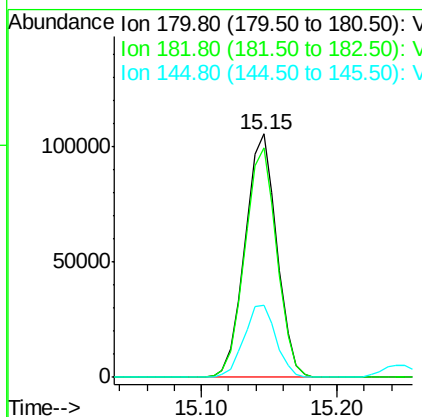
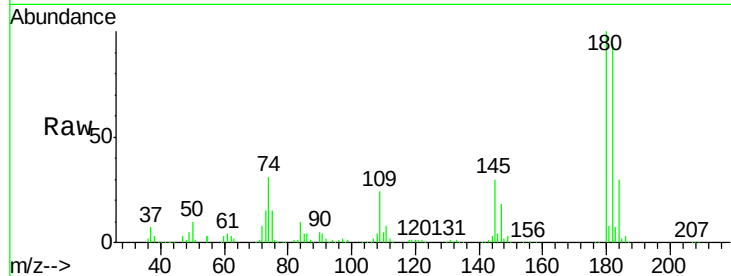
#93
 1,2,4-Trichlorobenzene
 Concen: 54.55 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW003676.D
 Acq: 29 Jun 2018 22:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	172126		
182	95.2	47.9	143.6	
145	29.9	15.2	45.5	

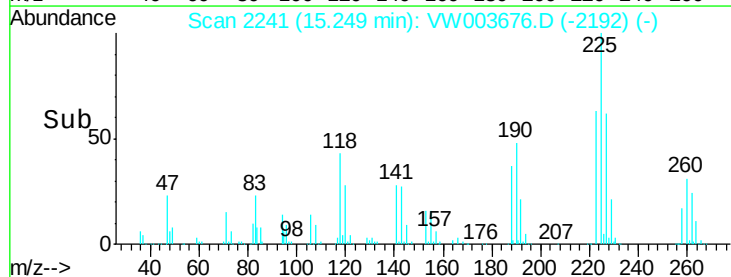
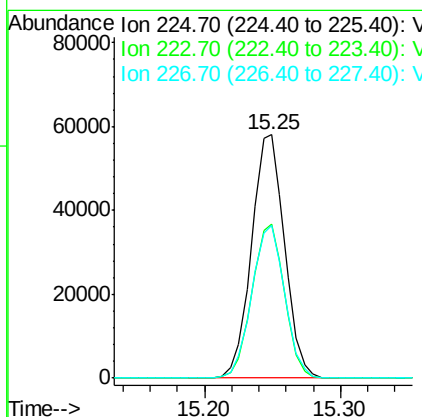
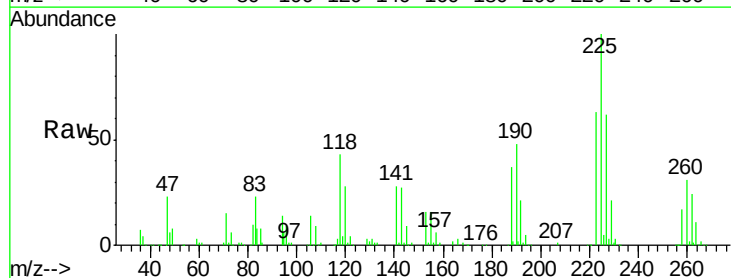
Manual Integrations
 APPROVED

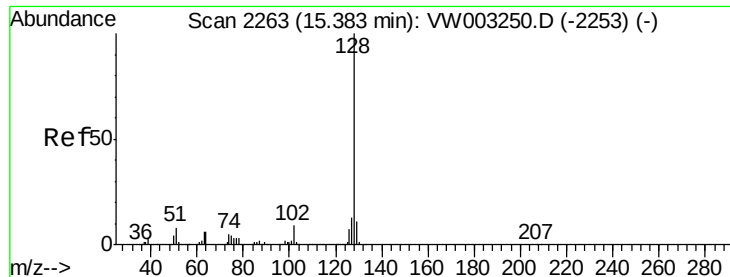
apatel
 7/2/2018 11:00:44 AM



#94
 Hexachlorobutadiene
 Concen: 51.93 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: VW003676.D
 Acq: 29 Jun 2018 22:00

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	98564		
223	62.5	30.6	92.0	
227	62.6	31.7	95.1	





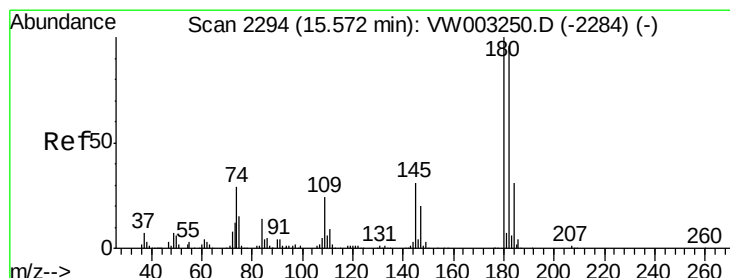
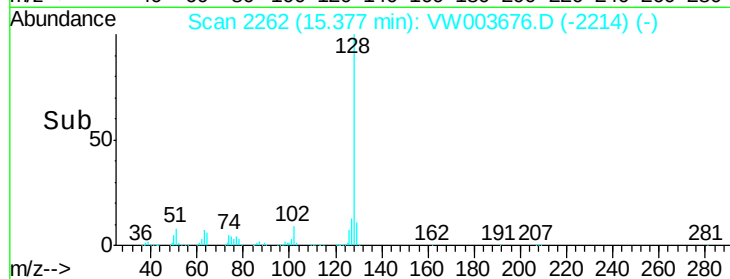
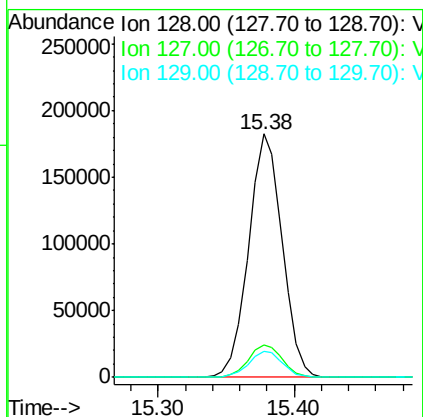
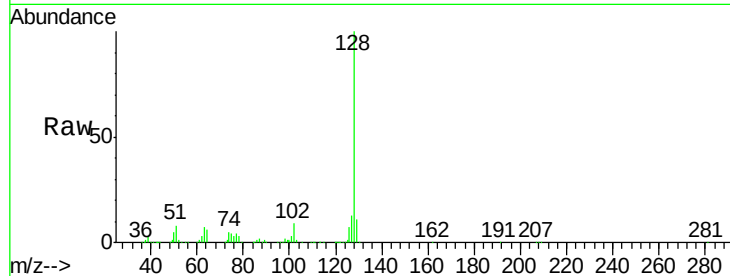
#95
Naphthalene
Concen: 59.09 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. -0.01 min
Lab File: VW003676.D
Acq: 29 Jun 2018 22:00

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.5	15.7
129	10.9	8.9	13.3

Manual Integrations
APPROVED

apatel
7/2/2018 11:00:44 AM



#96
1,2,3-Trichlorobenzene
Concen: 55.59 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.01 min
Lab File: VW003676.D
Acq: 29 Jun 2018 22:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.9	143.6
145	31.6	15.8	47.4

