

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062918\
 Data File : VW003660.D
 Acq On : 29 Jun 2018 15:06
 Operator : SY/AP
 Sample : J2923-01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SCM-Precision-Bias-1

Manual Integrations
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apatel
 7/2/2018 10:30:32 AM

Quant Time: Jun 30 04:27:21 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	197639	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	312243	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	289838	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	153353	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	116668	54.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.00%	
35) Dibromofluoromethane	7.88	113	102049	52.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.20%	
50) Toluene-d8	10.33	98	400493	52.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.12%	
62) 4-Bromofluorobenzene	12.62	95	140714	51.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	4182	7.00	ug/l	75
3) Chloromethane	2.21	50	9564	6.34	ug/l	93
4) Vinyl Chloride	2.36	62	14232	6.47	ug/l	100
5) Bromomethane	2.78	94	8636	5.90	ug/l	97
6) Chloroethane	2.93	64	8766	5.72	ug/l #	87
7) Trichlorofluoromethane	3.25	101	8246	6.25	ug/l	93
8) Diethyl Ether	3.68	74	6239	6.44	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	4.06	101	11612	6.34	ug/l	96
10) Methyl Iodide	4.26	142	16588	5.99	ug/l	97
11) Tert butyl alcohol	5.24	59	4069m	35.44	ug/l	
12) 1,1-Dichloroethene	4.03	96	11158	6.24	ug/l	96
13) Acrolein	3.89	56	2664	16.23	ug/l #	79
14) Allyl chloride	4.66	41	18734	6.05	ug/l	99
15) Acrylonitrile	5.38	53	11879	29.81	ug/l	99
16) Acetone	4.14	43	16411	36.55	ug/l	96
17) Carbon Disulfide	4.37	76	34946	6.61	ug/l	99
18) Methyl Acetate	4.68	43	10174	9.55	ug/l	94
19) Methyl tert-butyl Ether	5.43	73	18534	5.53	ug/l	91
20) Methylene Chloride	4.92	84	20840	7.83	ug/l	92
21) trans-1,2-Dichloroethene	5.42	96	11959	6.14	ug/l	96
22) Diisopropyl ether	6.32	45	33707	5.40	ug/l	95
23) Vinyl Acetate	6.26	43	81517	22.68	ug/l	98
24) 1,1-Dichloroethane	6.22	63	23537	6.36	ug/l	98
25) 2-Butanone	7.19	43	17479	31.31	ug/l #	84
26) 2,2-Dichloropropane	7.17	77	16476	6.67	ug/l	95
27) cis-1,2-Dichloroethene	7.17	96	12521	5.85	ug/l	92
28) Bromochloromethane	7.51	49	9120	5.92	ug/l	96
29) Tetrahydrofuran	7.54	42	9064	26.56	ug/l	99
30) Chloroform	7.68	83	23538	6.24	ug/l	94
31) Cyclohexane	7.96	56	23468	6.78	ug/l #	85
32) 1,1,1-Trichloroethane	7.87	97	18882	6.06	ug/l	98
36) 1,1-Dichloropropene	8.08	75	17747	5.89	ug/l	99
37) Ethyl Acetate	7.26	43	7821	6.26	ug/l	98
38) Carbon Tetrachloride	8.07	117	18232	6.16	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	19969	5.72	ug/l	95
40) Benzene	8.32	78	51668	6.22	ug/l	95
41) Methacrylonitrile	7.49	41	3676	4.80	ug/l #	86
42) 1,2-Dichloroethane	8.40	62	15971	6.13	ug/l	99
43) Isopropyl Acetate	8.43	43	13854	5.59	ug/l	96
44) Trichloroethene	9.10	130	13609	6.18	ug/l	92
45) 1,2-Dichloropropane	9.37	63	12939	6.11	ug/l	97
46) Dibromomethane	9.46	93	6540	6.04	ug/l	97
47) Bromodichloromethane	9.65	83	16804	6.05	ug/l	99
48) Methyl methacrylate	9.44	41	6057	5.20	ug/l	98
49) 1,4-Dioxane	9.48	88	1659m	101.41	ug/l	
51) 4-Methyl-2-Pentanone	10.22	43	33663	26.63	ug/l	97
52) Toluene	10.39	92	33728	6.33	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	15416	5.43	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	18100	5.61	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	8714	5.71	ug/l	92
56) Ethyl methacrylate	10.65	69	9005	4.86	ug/l	97
57) 1,3-Dichloropropane	10.93	76	15033	5.71	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.93	63	20985	25.25	ug/l	96
59) 2-Hexanone	10.98	43	23404	26.51	ug/l	96
60) Dibromochloromethane	11.13	129	10370	5.71	ug/l	98
61) 1,2-Dibromoethane	11.24	107	8413	5.83	ug/l	100
64) Tetrachloroethene	10.87	164	12162	6.27	ug/l	94
65) Chlorobenzene	11.66	112	36523	6.05	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.74	131	12200	5.75	ug/l	99
67) Ethyl Benzene	11.74	91	59199	5.53	ug/l	98
68) m/p-Xylenes	11.84	106	43349	10.66	ug/l	98
69) o-Xylene	12.17	106	18908	5.02	ug/l	96
70) Styrene	12.19	104	32023	5.10	ug/l	99
71) Bromoform	12.35	173	5883	5.35	ug/l #	100
73) Isopropylbenzene	12.47	105	54501	5.11	ug/l	100
74) N-amyl acetate	12.28	43	11615	4.78	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.72	83	10334	5.73	ug/l	95
76) 1,2,3-Trichloropropane	12.77	75	8132m	6.20	ug/l	
77) Bromobenzene	12.76	156	14032	5.65	ug/l	96
78) n-propylbenzene	12.81	91	71259	5.46	ug/l	100
79) 2-Chlorotoluene	12.90	91	40631	5.50	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	47610	5.32	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	2900	5.09	ug/l	94
82) 4-Chlorotoluene	13.00	91	43288	5.53	ug/l	98
83) tert-Butylbenzene	13.21	119	38344	5.03	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	48686	5.29	ug/l	98
85) sec-Butylbenzene	13.40	105	59942	5.29	ug/l	99
86) p-Isopropyltoluene	13.51	119	50586	5.06	ug/l	97
87) 1,3-Dichlorobenzene	13.51	146	29072	5.70	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	29878	5.89	ug/l	94
89) n-Butylbenzene	13.83	91	52177	5.35	ug/l	96
90) Hexachloroethane	14.10	117	10126	5.60	ug/l	96
91) 1,2-Dichlorobenzene	13.88	146	25708	5.75	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	1842	6.07	ug/l	90

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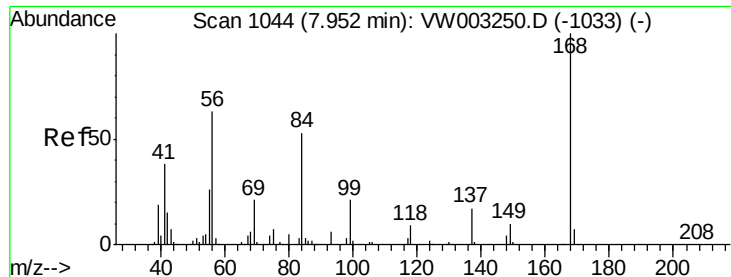
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	16550	5.27	ug/l	98
94) Hexachlorobutadiene	15.25	225	10834	5.74	ug/l	98
95) Naphthalene	15.38	128	23991	4.51	ug/l	97
96) 1,2,3-Trichlorobenzene	15.57	180	14851	5.38	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: VW003660.D

Acq: 29 Jun 2018 15:06

Instrument :

MSVOA_W

ClientSampleId :

LOQ-SCM-Precision-Bias-1

Tot Ion:168 Resp: 197639

Ion Ratio Lower Upper

168 100

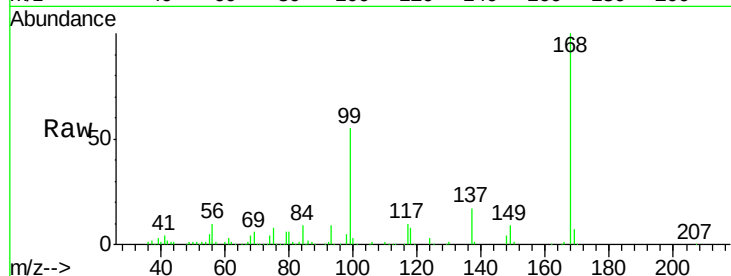
99 55.1 45.5 68.3

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

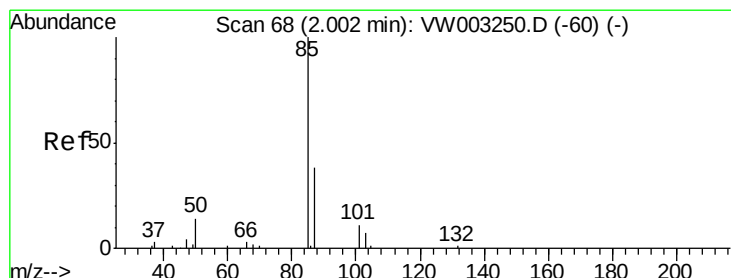
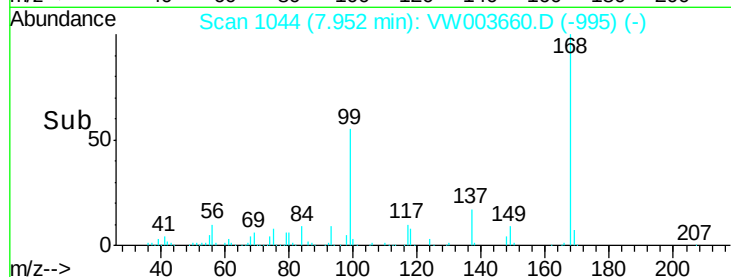
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 7.00 ug/l

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW003660.D

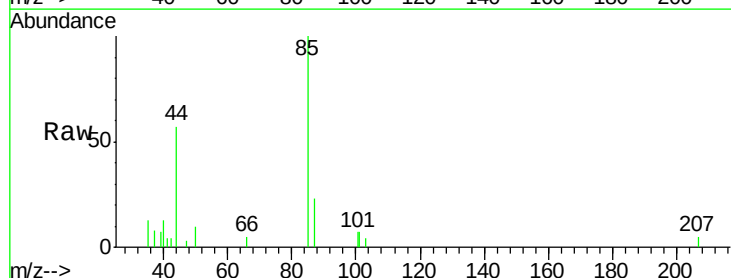
Acq: 29 Jun 2018 15:06

Tgt Ion: 85 Resp: 4182

Ion Ratio Lower Upper

85 100

87 23.0 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

2000

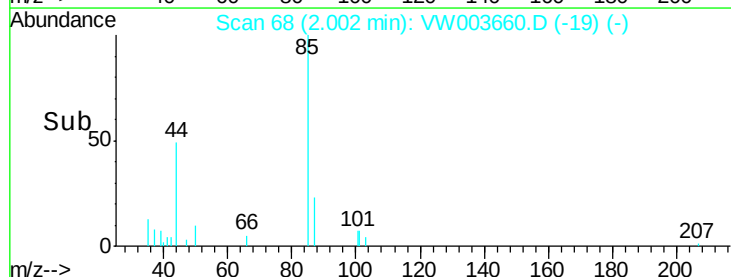
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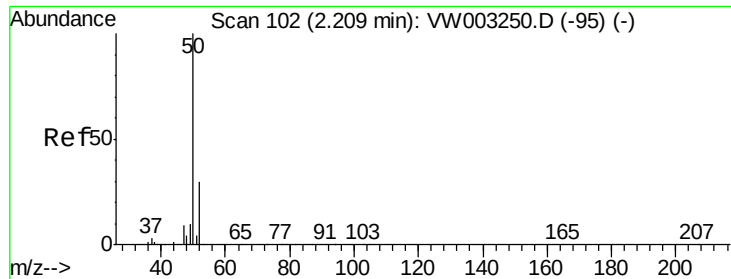
1000

500

0

Time-->





#3

Chloromethane

Concen: 6.34 ug/l

RT: 2.21 min Scan# 102

Delta R.T. -0.00 min

Lab File: VW003660.D

Acq: 29 Jun 2018 15:06

Instrument :

MSVOA_W

ClientSampleId :

LOQ-SCM-Precision-Bias-1

Tot Ion: 50 Resp: 9564

Ion Ratio Lower Upper

50 100

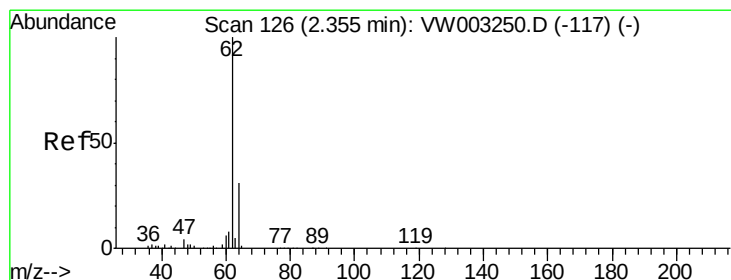
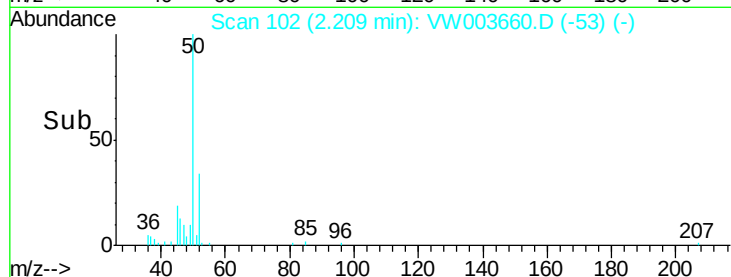
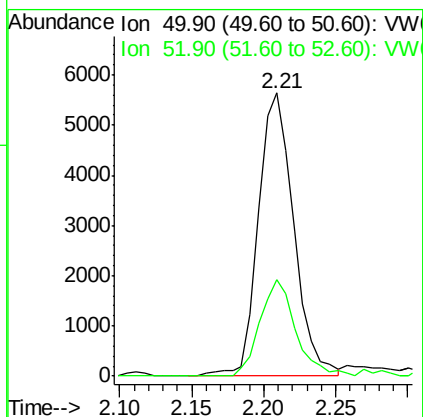
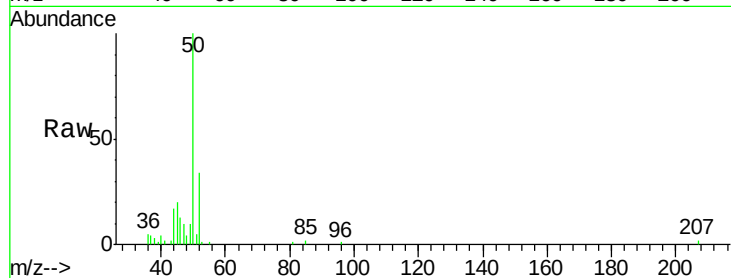
52 33.9 24.2 36.2

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#4

Vinyl Chloride

Concen: 6.47 ug/l

RT: 2.36 min Scan# 126

Delta R.T. -0.00 min

Lab File: VW003660.D

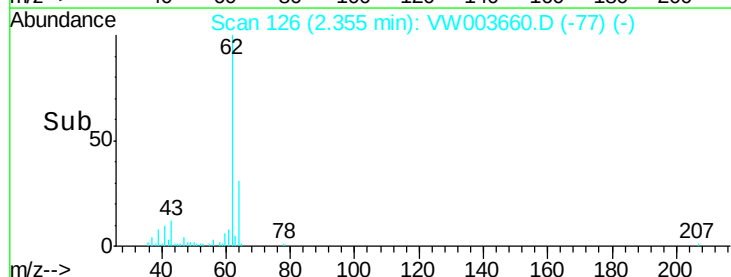
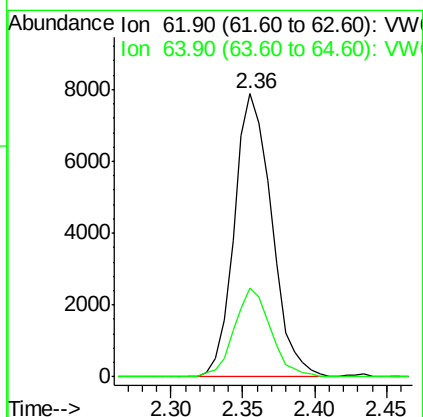
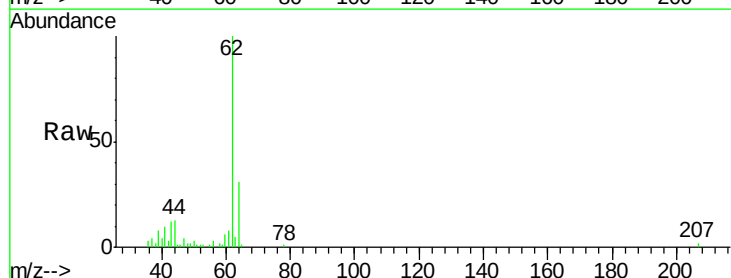
Acq: 29 Jun 2018 15:06

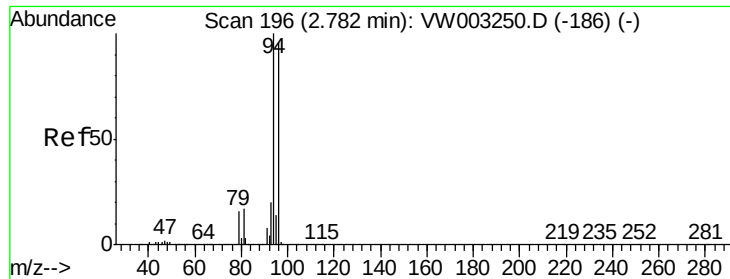
Tgt Ion: 62 Resp: 14232

Ion Ratio Lower Upper

62 100

64 31.3 24.9 37.3





#5

Bromomethane

Concen: 5.90 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.00 min

Lab File: VW003660.D

Acq: 29 Jun 2018 15:06

Instrument :

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ClientSampleId :

LOQ-SCM-Precision-Bias-1

Tot Ion: 94 Resp: 8636

Ion Ratio Lower Upper

94 100

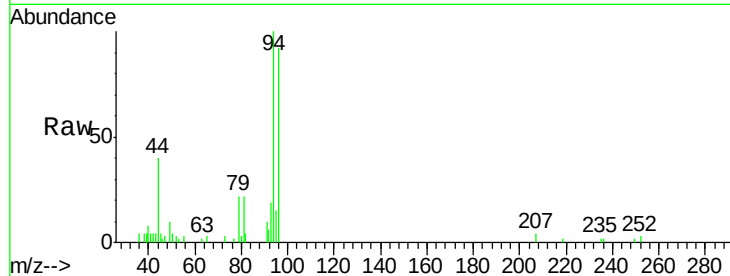
96 92.4 76.5 114.7

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.78

4000

3000

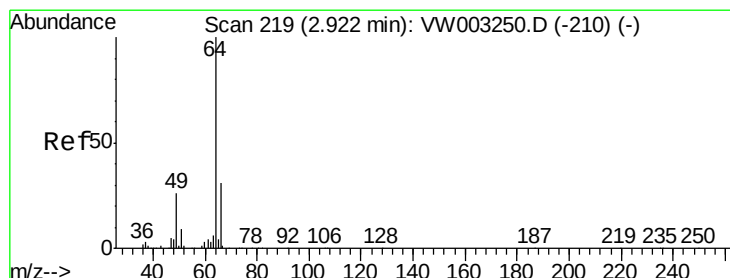
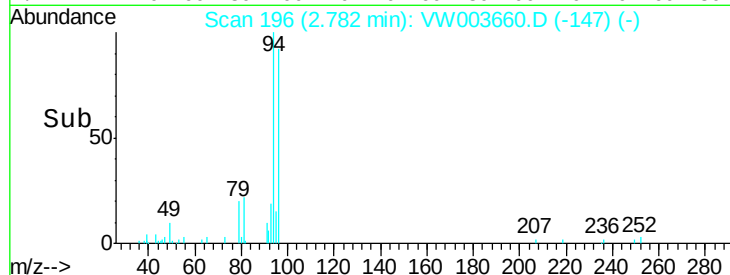
2000

1000

0

2.70 2.75 2.80 2.85

Time-->



#6

Chloroethane

Concen: 5.72 ug/l

RT: 2.93 min Scan# 220

Delta R.T. 0.01 min

Lab File: VW003660.D

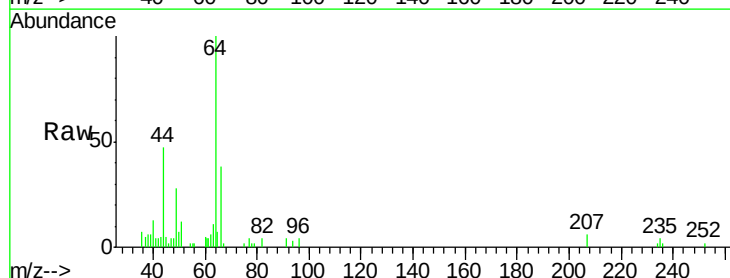
Acq: 29 Jun 2018 15:06

Tgt Ion: 64 Resp: 8766

Ion Ratio Lower Upper

64 100

66 37.9 24.4 36.6#



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW

2.93

3000

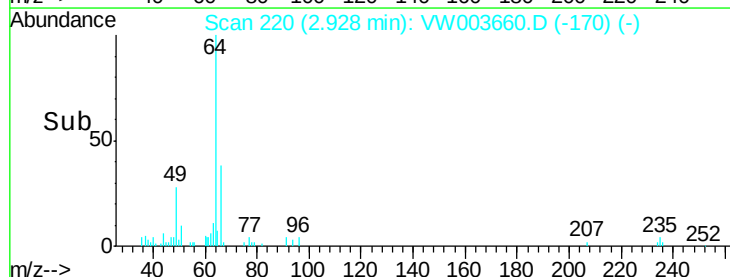
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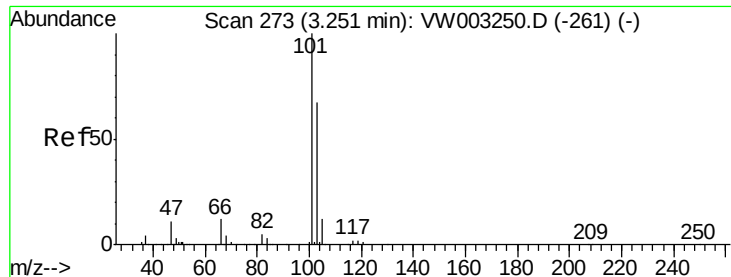
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0

2.80 2.90 3.00

Time-->





#7

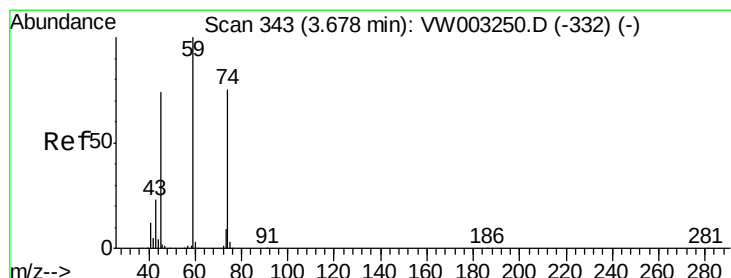
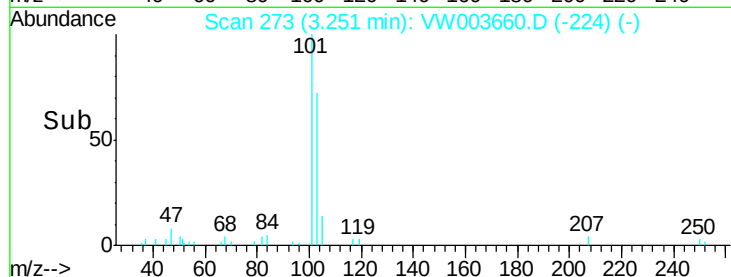
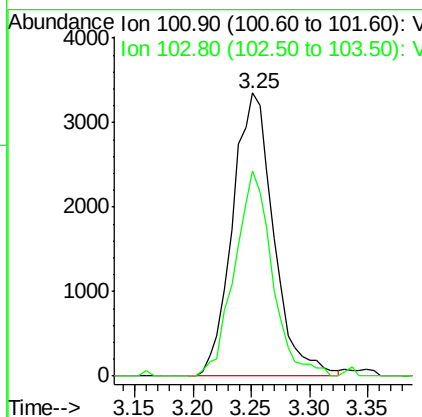
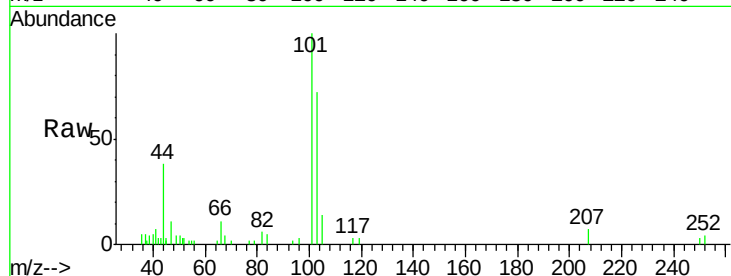
Trichlorofluoromethane
Concen: 6.25 ug/l
RT: 3.25 min Scan# 273
Delta R.T. 0.00 min
Lab File: VW003660.D
Acq: 29 Jun 2018 15:06

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Tot Ion	Ratio	Lower	Upper
101	100		
103	72.3	53.4	80.0

Manual Integrations
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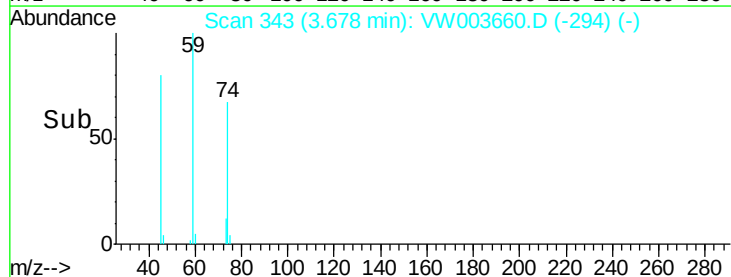
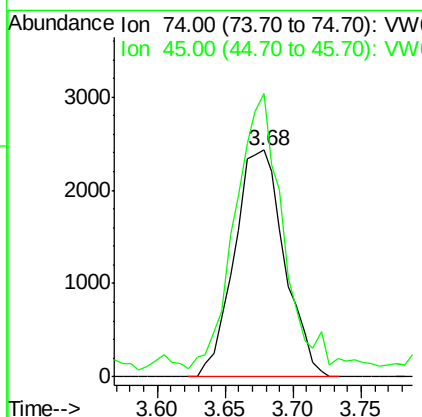
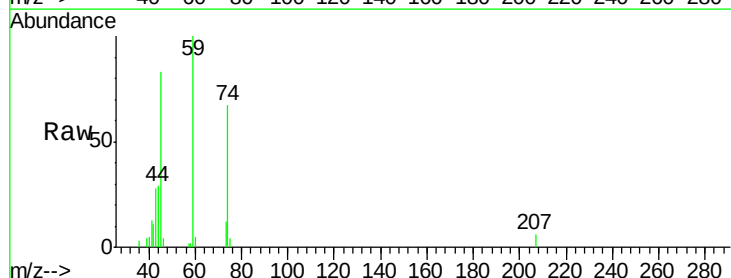
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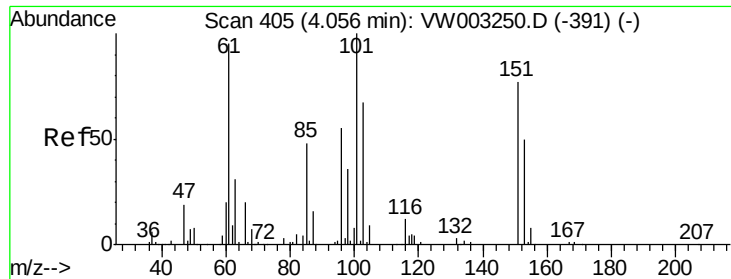


#8

Diethyl Ether
Concen: 6.44 ug/l
RT: 3.68 min Scan# 343
Delta R.T. -0.00 min
Lab File: VW003660.D
Acq: 29 Jun 2018 15:06

Tgt Ion	Ratio	Lower	Upper
74	100		
45	115.4	51.4	154.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 6.34 ug/l

RT: 4.06 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW003660.D

Acq: 29 Jun 2018 15:06

Instrument :

MSVOA_W

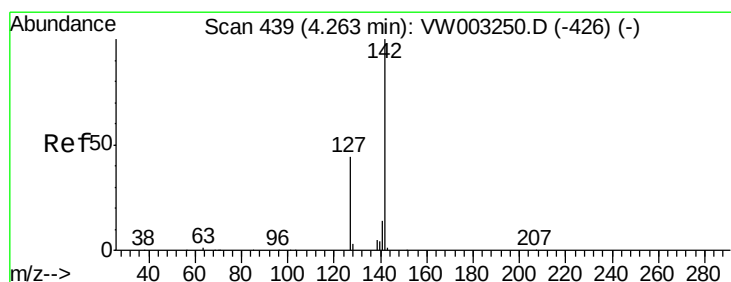
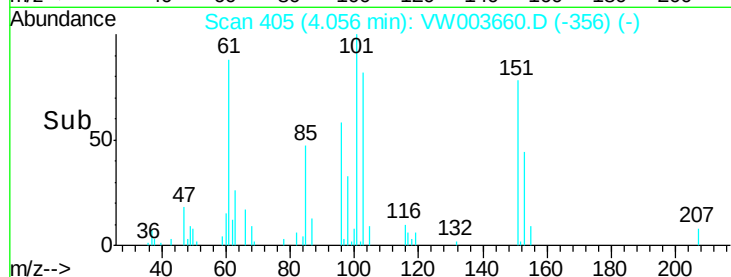
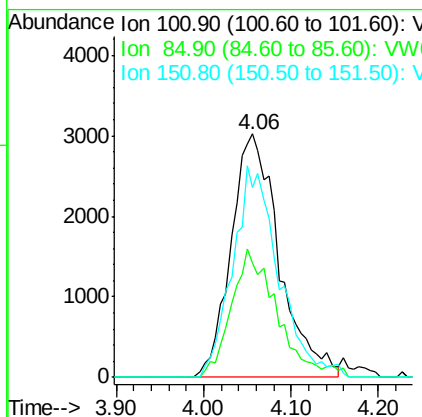
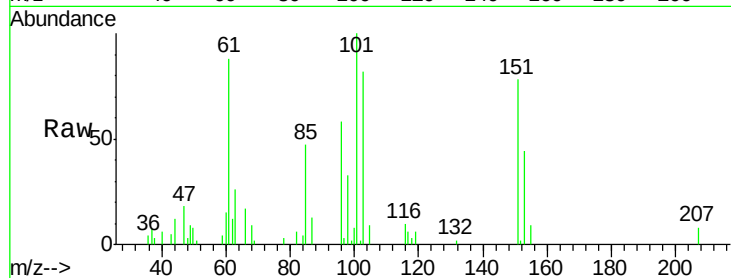
ClientSampleId :

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Tot Ion:	101	Resp:	11612
Ion Ratio	Lower	Upper	
101	100		
85	48.3	37.0	55.6
151	82.6	63.3	94.9

Manual Integrations
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#10

Methyl Iodide

Concen: 5.99 ug/l

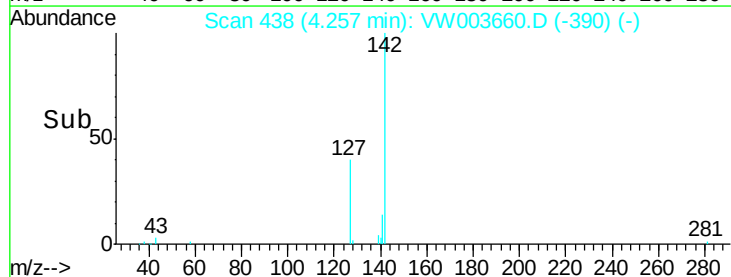
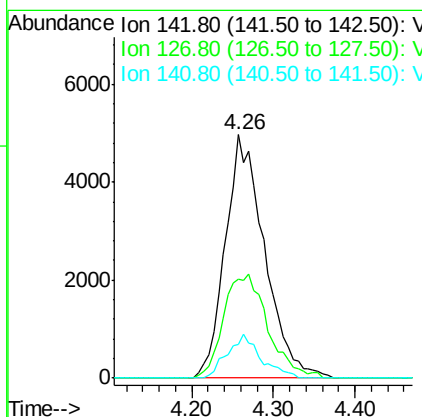
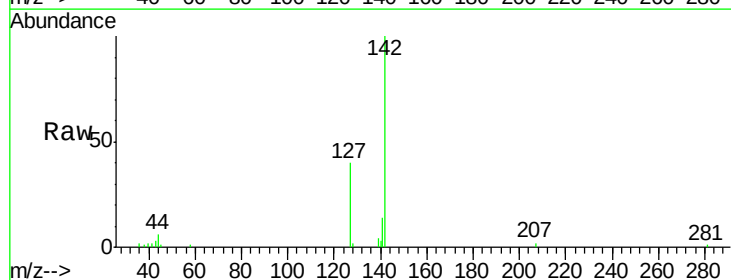
RT: 4.26 min Scan# 438

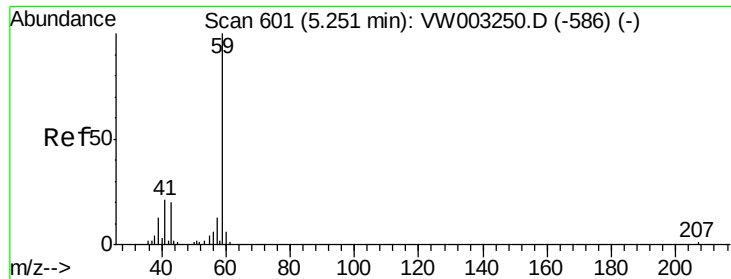
Delta R.T. -0.01 min

Lab File: VW003660.D

Acq: 29 Jun 2018 15:06

Tgt Ion:	142	Resp:	16588
Ion Ratio	Lower	Upper	
142	100		
127	47.9	36.5	54.7
141	15.3	12.1	18.1





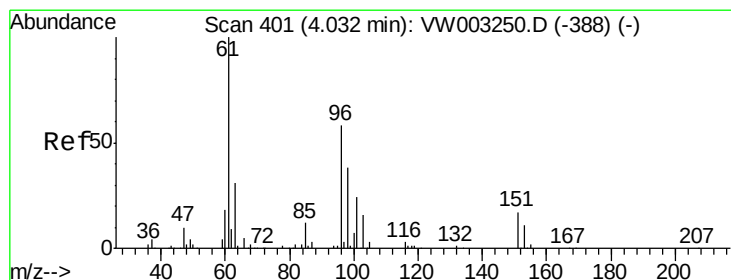
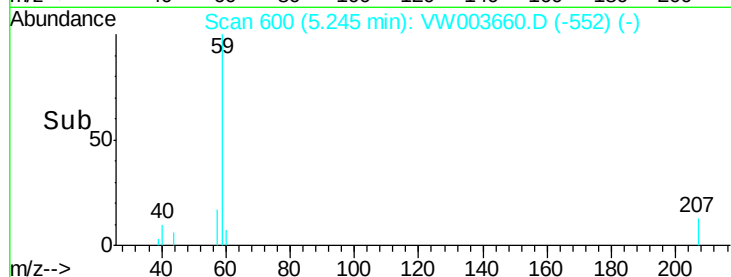
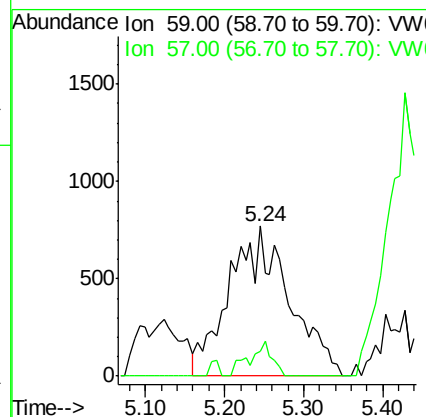
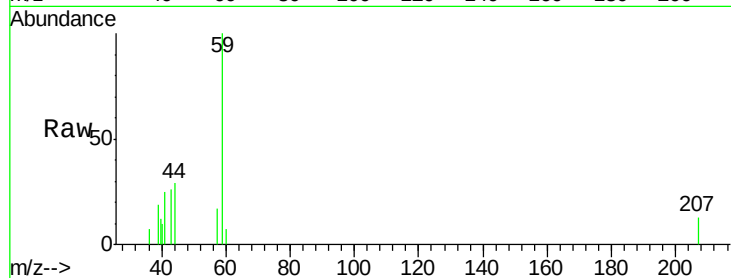
#11
Tert butyl alcohol
Concen: 35.44 ug/l m
RT: 5.24 min Scan# 600
Delta R.T. -0.01 min
Lab File: VW003660.D
Acq: 29 Jun 2018 15:06

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SCM-Precision-Bias-1

Tot Ion: 59 Resp: 4069
Ion Ratio Lower Upper
59 100
57 0.0 4.2 6.2#

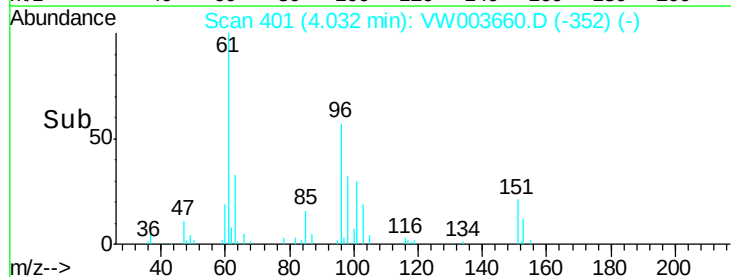
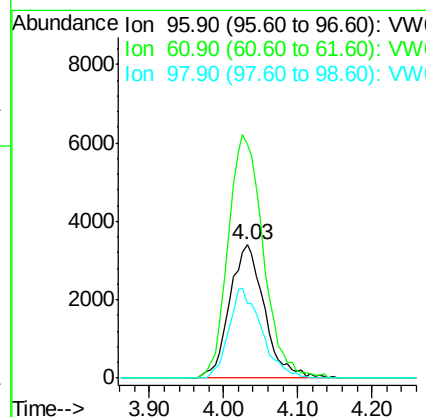
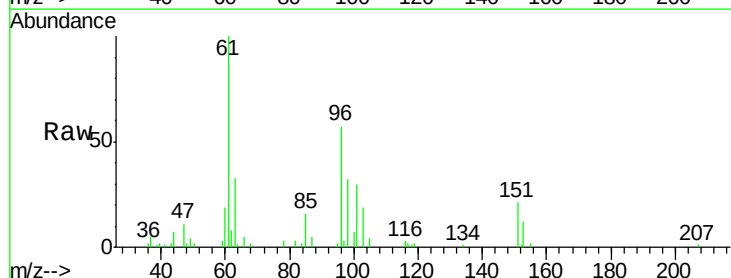
Manual Integrations
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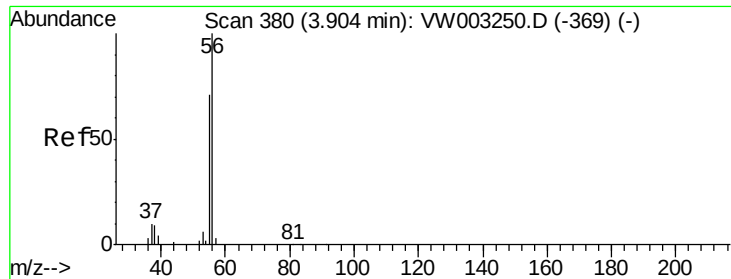
apatel
7/2/2018 10:30:32 AM



#12
1,1-Dichloroethene
Concen: 6.24 ug/l
RT: 4.03 min Scan# 401
Delta R.T. 0.00 min
Lab File: VW003660.D
Acq: 29 Jun 2018 15:06

Tgt Ion: 96 Resp: 11158
Ion Ratio Lower Upper
96 100
61 175.4 139.0 208.4
98 56.4 53.3 79.9





#13

Acrolein

Concen: 16.23 ug/l

RT: 3.89 min Scan# 378

Delta R.T. -0.01 min

Lab File: VW003660.D

Acq: 29 Jun 2018 15:06

Instrument :

MSVOA_W

ClientSampleId :

LOQ-SCM-Precision-Bias-1

Tot Ion: 56 Resp: 2664

Ion Ratio Lower Upper

56 100

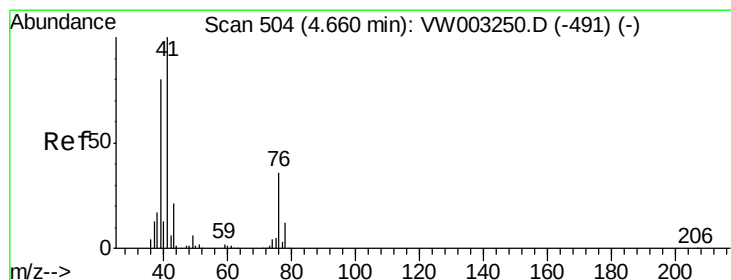
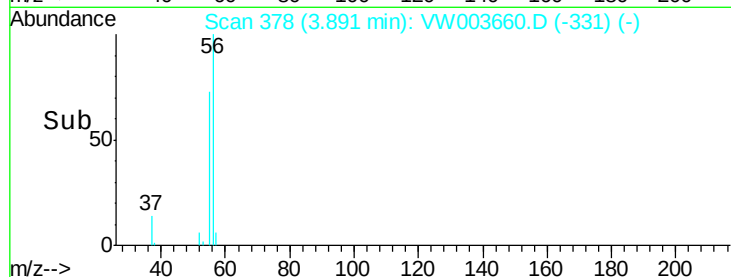
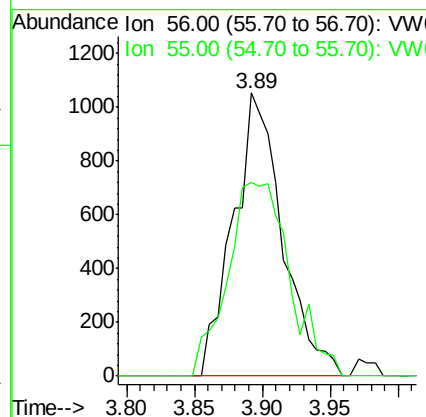
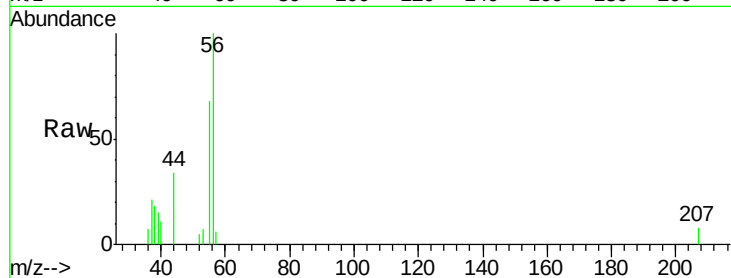
55 86.4 55.4 83.2#

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#14

Allyl chloride

Concen: 6.05 ug/l

RT: 4.66 min Scan# 504

Delta R.T. 0.00 min

Lab File: VW003660.D

Acq: 29 Jun 2018 15:06

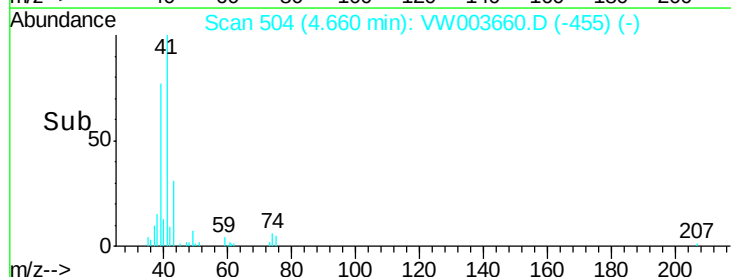
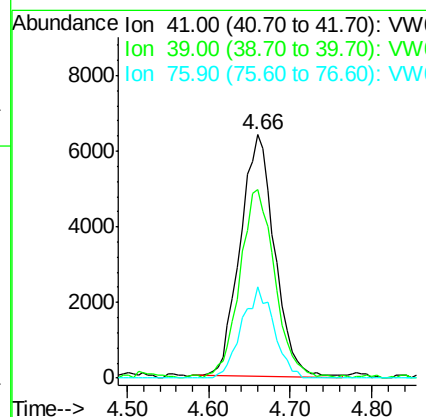
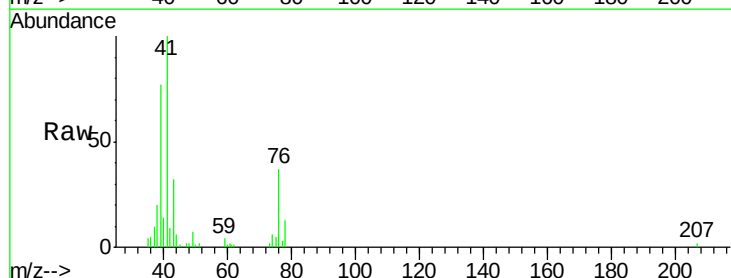
Tgt Ion: 41 Resp: 18734

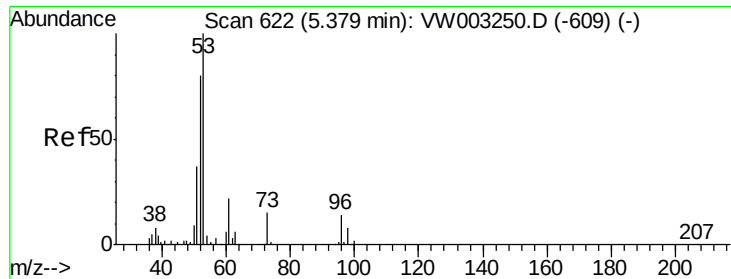
Ion Ratio Lower Upper

41 100

39 79.6 63.2 94.8

76 35.1 28.0 42.0





#15

Acrylonitrile

Concen: 29.81 ug/l

RT: 5.38 min Scan# 622

Delta R.T. 0.00 min

Lab File: VW003660.D

Acq: 29 Jun 2018 15:06

Instrument :

MSVOA_W

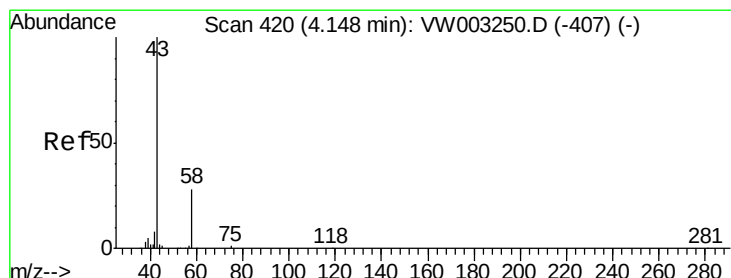
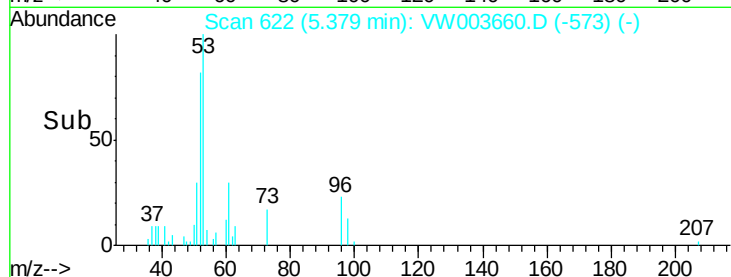
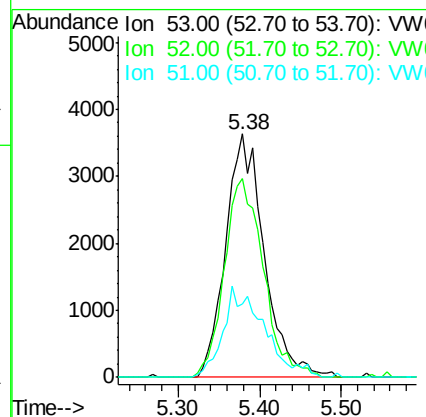
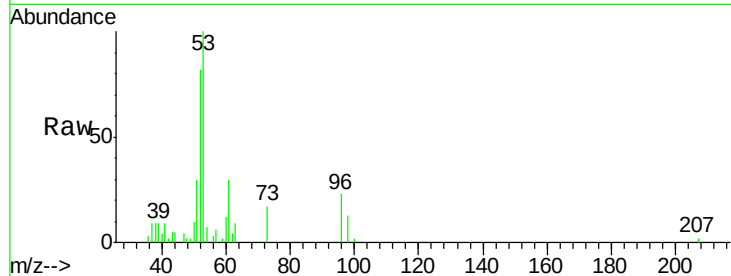
ClientSampleId :

LOQ-SCM-Precision-Bias-1

Tot Ion:	53	Resp:	11879
Ion	Ratio	Lower	Upper
53	100		
52	82.8	66.6	100.0
51	37.6	30.6	46.0

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#16

Acetone

Concen: 36.55 ug/l

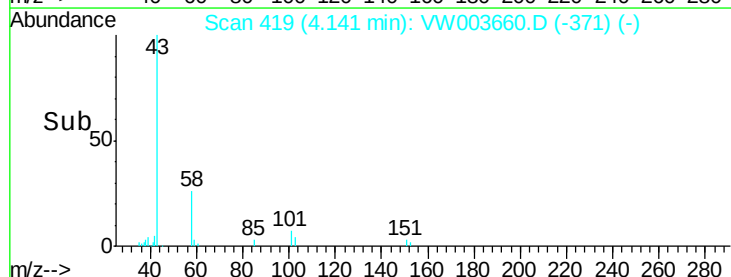
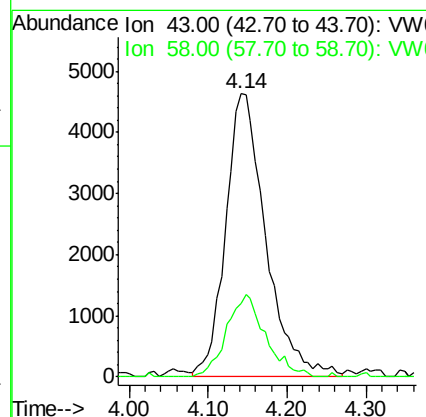
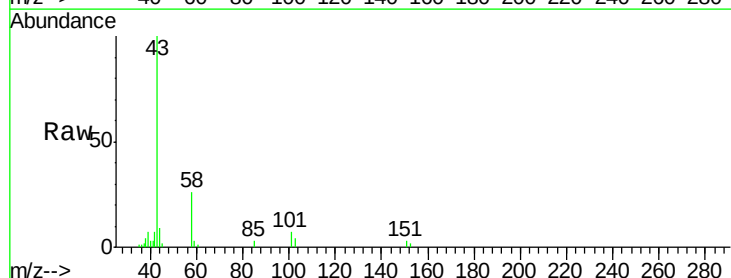
RT: 4.14 min Scan# 419

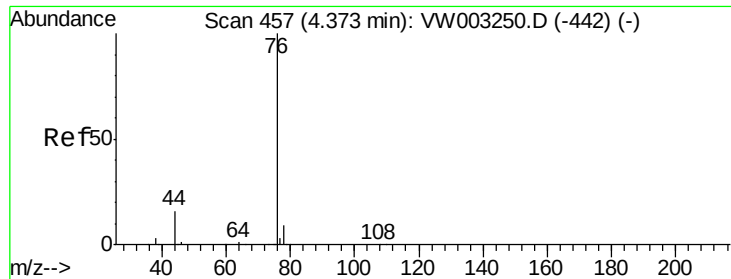
Delta R.T. -0.01 min

Lab File: VW003660.D

Acq: 29 Jun 2018 15:06

Tgt Ion:	43	Resp:	16411
Ion	Ratio	Lower	Upper
43	100		
58	26.1	22.6	34.0





#17

Carbon Disulfide

Concen: 6.61 ug/l

RT: 4.37 min Scan# 456

Delta R.T. -0.01 min

Lab File: VW003660.D

Acq: 29 Jun 2018 15:06

Instrument :

MSVOA_W

ClientSampleId :

LOQ-SCM-Precision-Bias-1

Tot Ion: 76 Resp: 34946

Ion Ratio Lower Upper

76 100

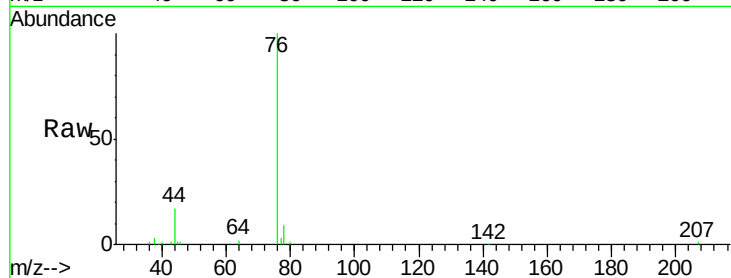
78 9.4 7.1 10.7

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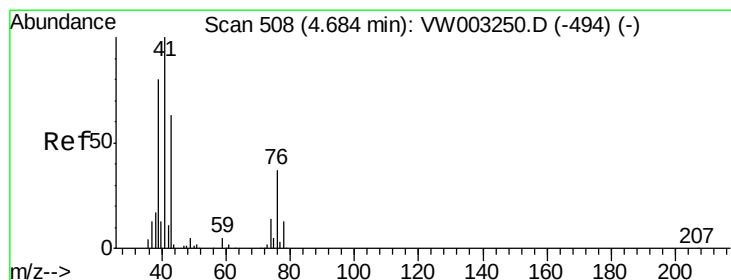
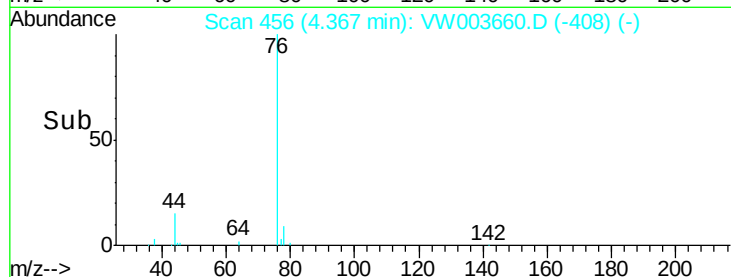
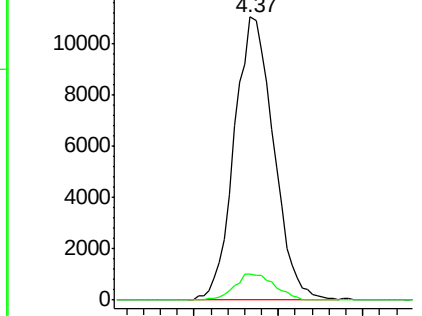
apatel

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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 9.55 ug/l

RT: 4.68 min Scan# 507

Delta R.T. -0.01 min

Lab File: VW003660.D

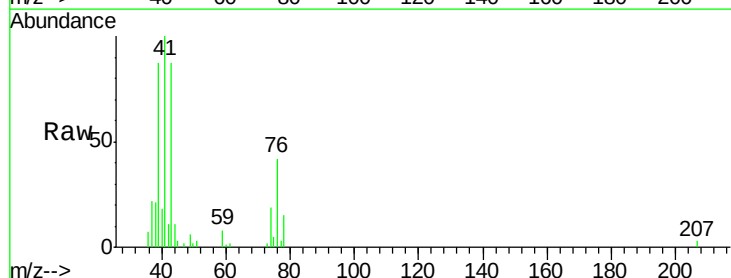
Acq: 29 Jun 2018 15:06

Tgt Ion: 43 Resp: 10174

Ion Ratio Lower Upper

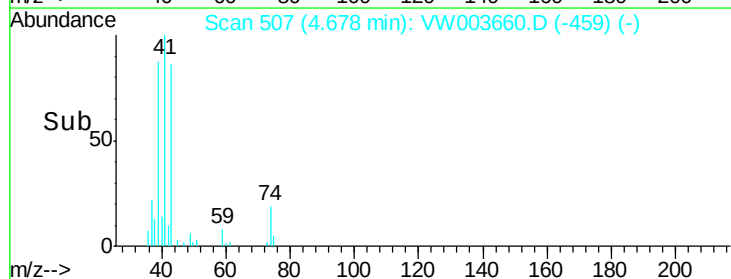
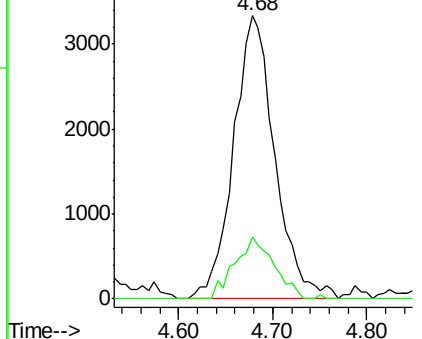
43 100

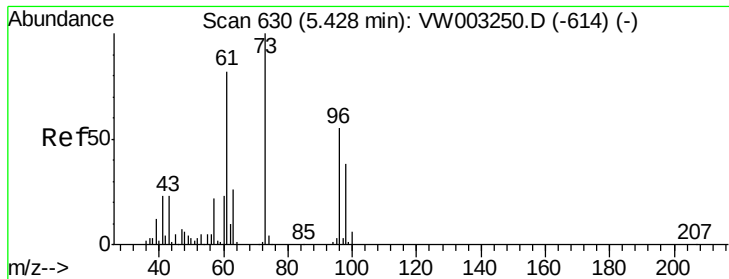
74 20.7 18.7 28.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW





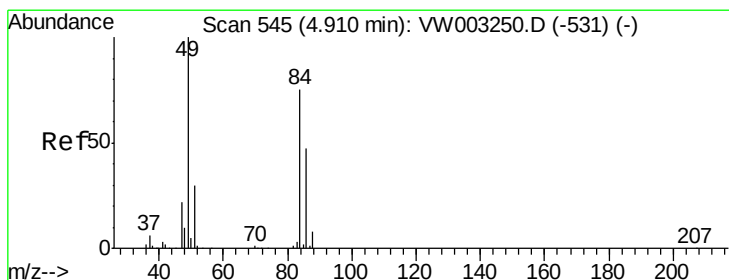
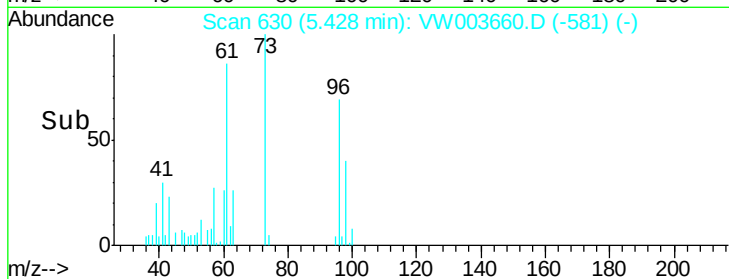
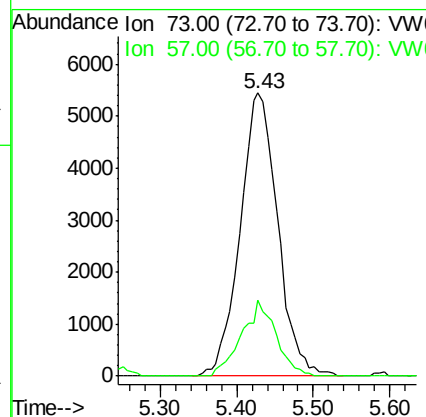
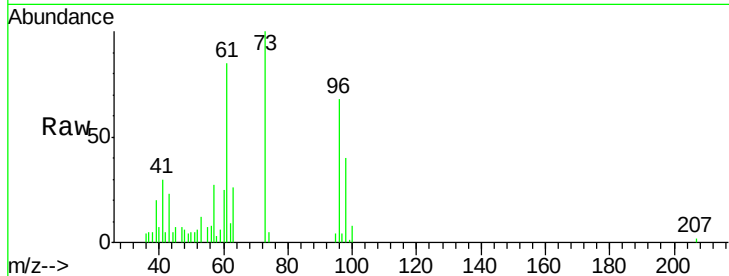
#19
Methyl tert-butyl Ether
Concen: 5.53 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.00 min
Lab File: VW003660.D
Acq: 29 Jun 2018 15:06

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SCM-Precision-Bias-1

Tot Ion: 73 Resp: 18534
Ion Ratio Lower Upper
73 100
57 26.7 18.0 27.0

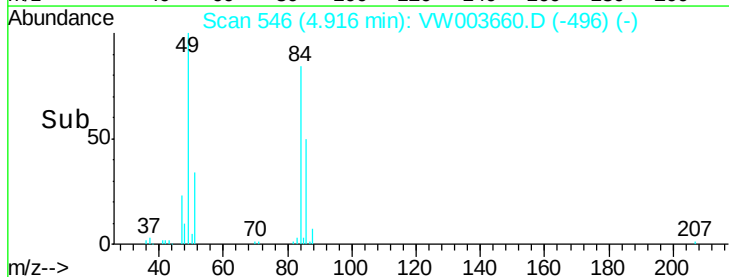
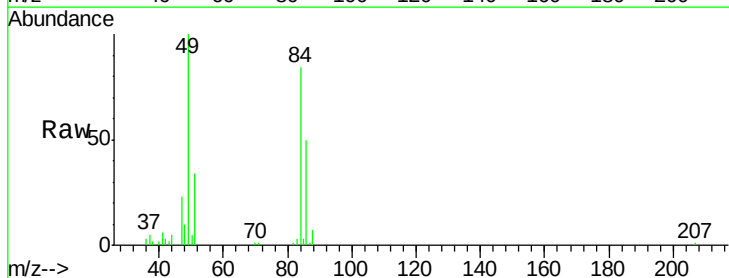
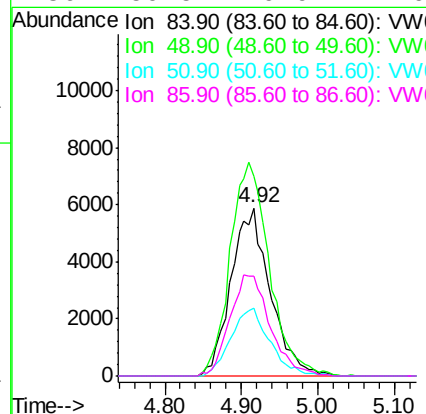
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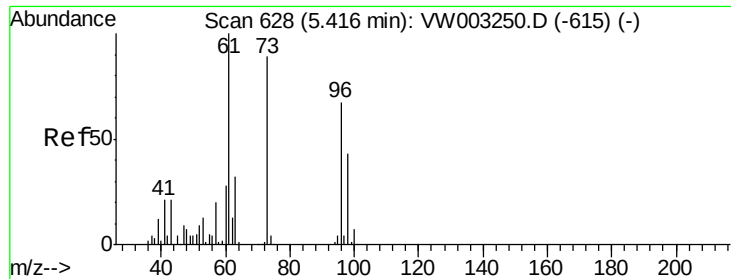
apatel
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#20
Methylene Chloride
Concen: 7.83 ug/l
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW003660.D
Acq: 29 Jun 2018 15:06

Tgt Ion: 84 Resp: 20840
Ion Ratio Lower Upper
84 100
49 118.8 106.3 159.5
51 40.4 32.0 48.0
86 59.5 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 6.14 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.00 min

Lab File: VW003660.D

Acq: 29 Jun 2018 15:06

Instrument :

MSVOA_W

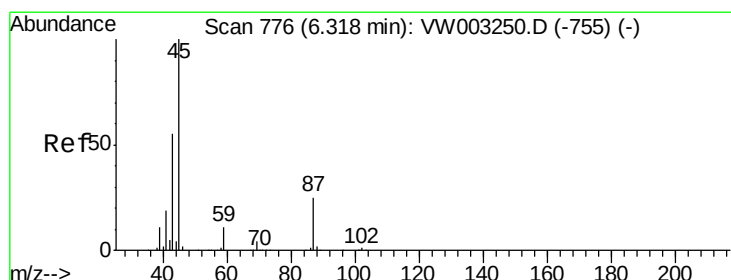
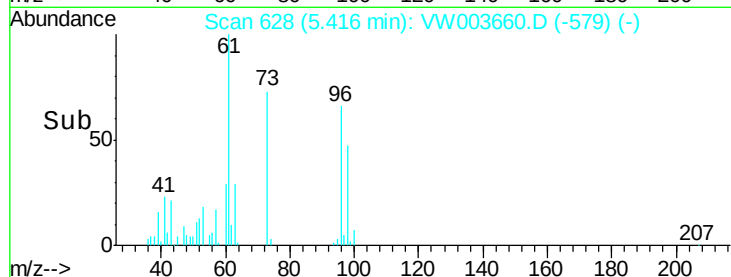
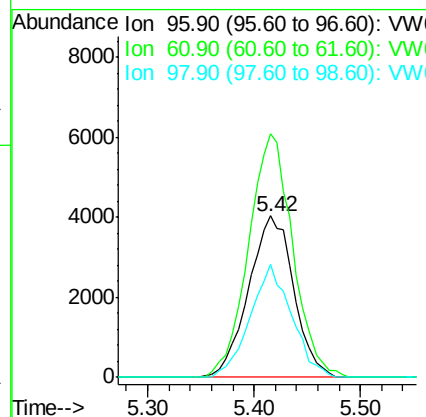
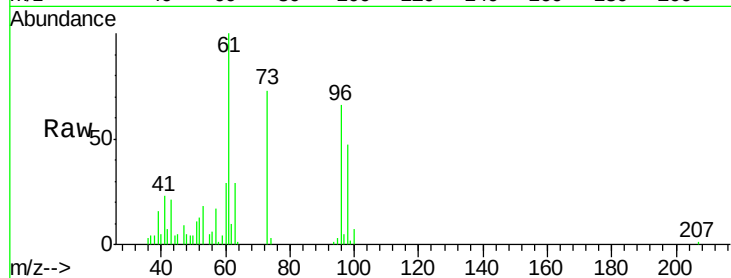
ClientSampleId :

LOQ-SCM-Precision-Bias-1

Tot Ion:	96	Resp:	11959
Ion	Ratio	Lower	Upper
96	100		
61	150.7	118.7	178.1
98	70.1	51.0	76.6

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#22

Diisopropyl ether

Concen: 5.40 ug/l

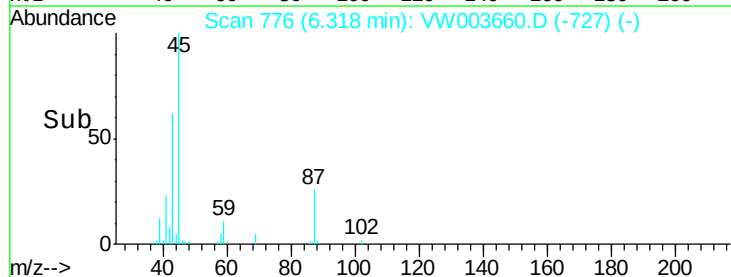
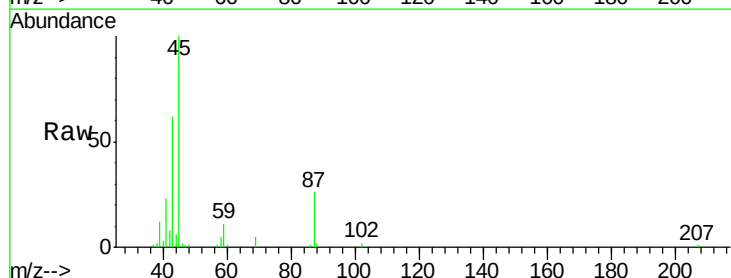
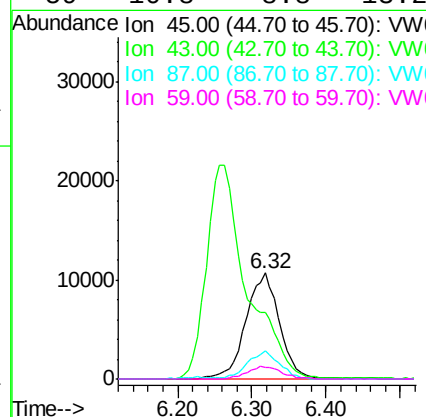
RT: 6.32 min Scan# 776

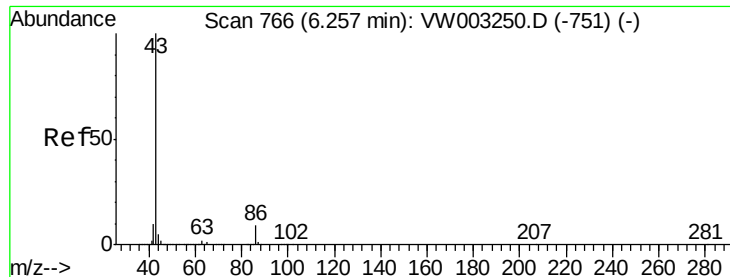
Delta R.T. 0.00 min

Lab File: VW003660.D

Acq: 29 Jun 2018 15:06

Tgt Ion:	45	Resp:	33707
Ion	Ratio	Lower	Upper
45	100		
43	60.5	44.0	66.0
87	26.2	20.6	31.0
59	10.8	8.8	13.2





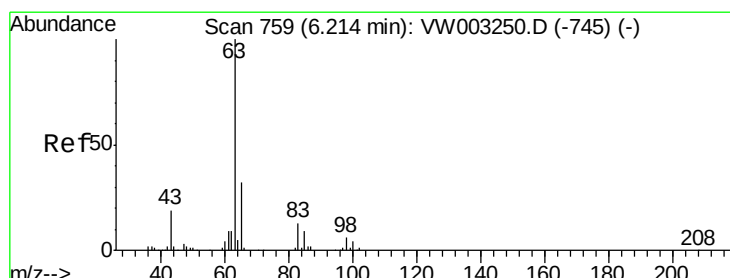
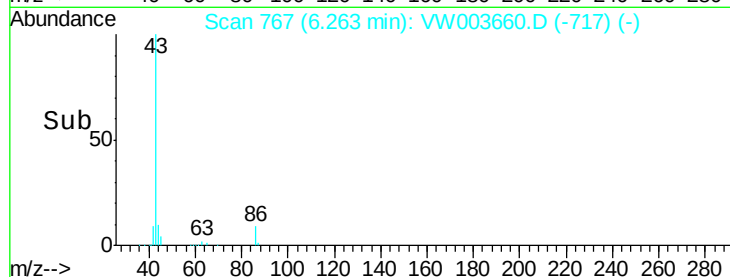
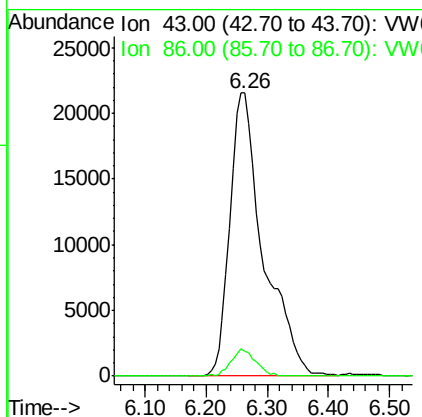
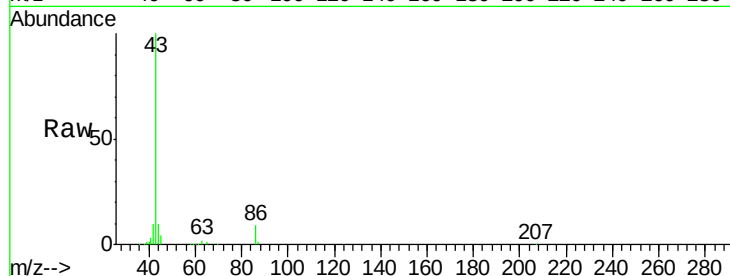
#23
 Vinyl Acetate
 Concen: 22.68 ug/l
 RT: 6.26 min Scan# 767
 Delta R.T. 0.01 min
 Lab File: VW003660.D
 Acq: 29 Jun 2018 15:06

Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SCM-Precision-Bias-1

Tot Ion	43	Resp	81517
Ion Ratio	100	Lower	Upper
43	100		
86	8.7	7.5	11.3

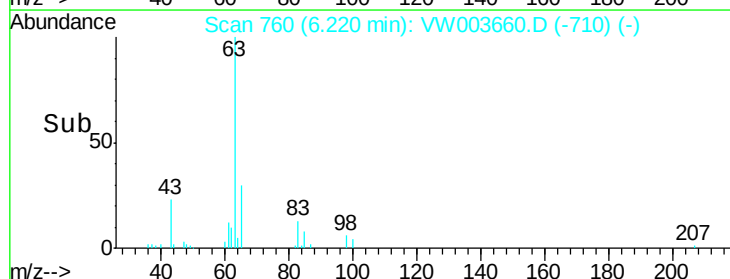
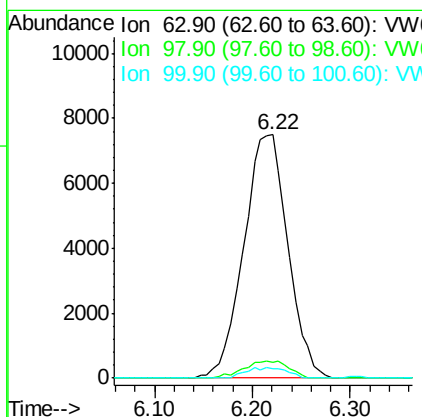
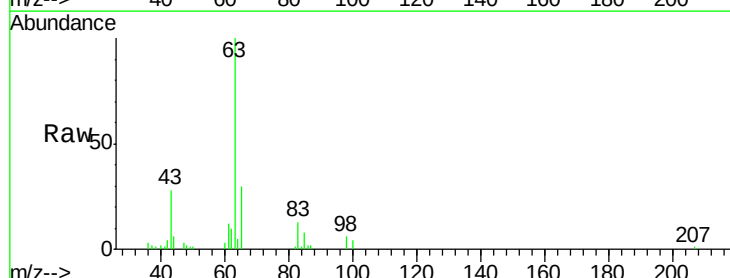
Manual Integrations
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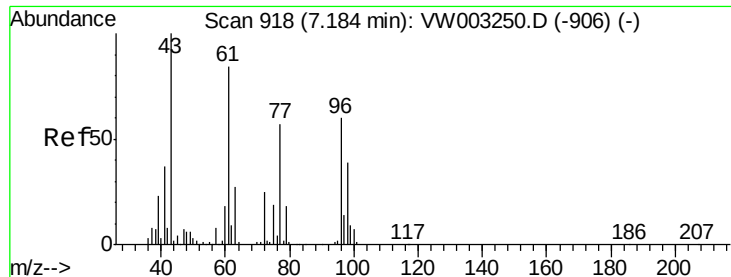
apatel
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#24
 1,1-Dichloroethane
 Concen: 6.36 ug/l
 RT: 6.22 min Scan# 760
 Delta R.T. 0.01 min
 Lab File: VW003660.D
 Acq: 29 Jun 2018 15:06

Tgt Ion	63	Resp	23537
Ion Ratio	100	Lower	Upper
63	100		
98	6.4	2.8	8.3
100	4.0	2.1	6.5





#25

2-Butanone

Concen: 31.31 ug/l

RT: 7.19 min Scan# 919

Delta R.T. 0.01 min

Lab File: VW003660.D

Acq: 29 Jun 2018 15:06

Instrument :

MSVOA_W

ClientSampleId :

LOQ-SCM-Precision-Bias-1

Tot Ion: 43 Resp: 17479

Ion Ratio Lower Upper

43 100

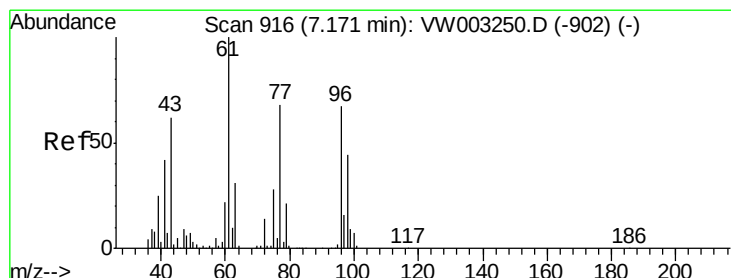
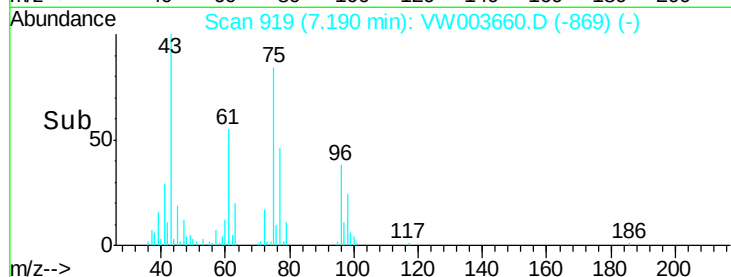
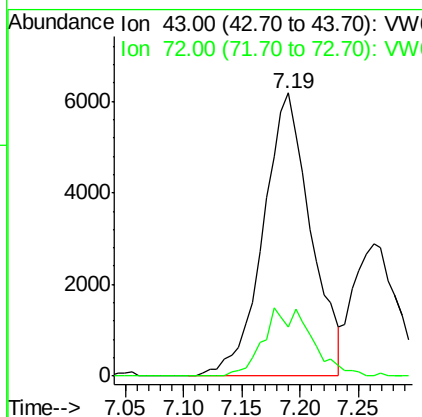
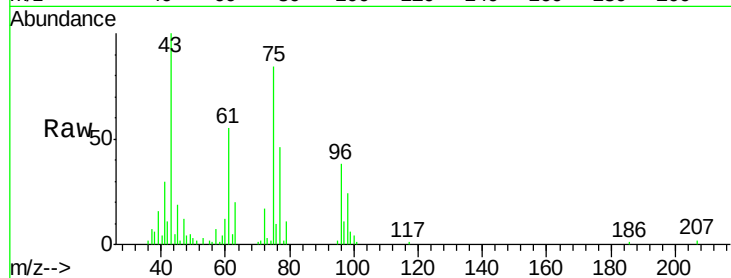
72 17.4 20.3 30.5#

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#26

2,2-Dichloropropane

Concen: 6.67 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.01 min

Lab File: VW003660.D

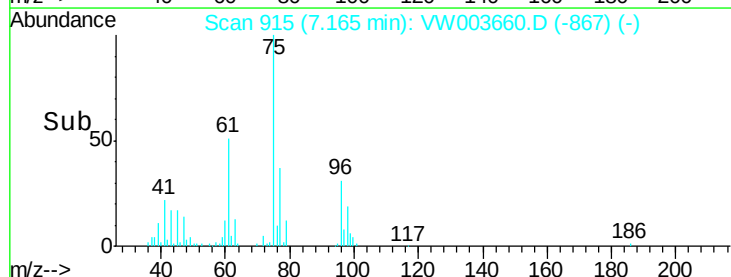
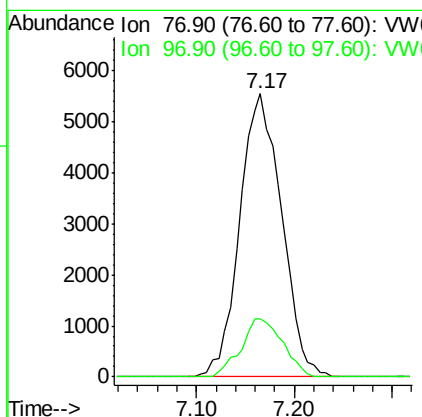
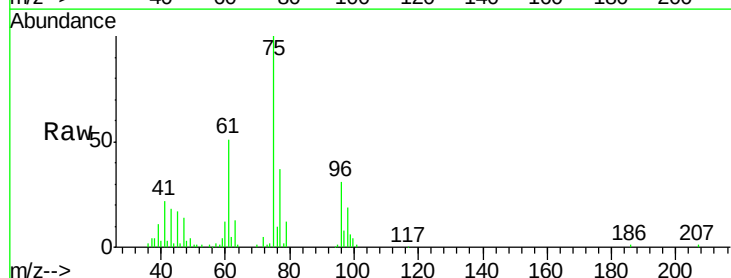
Acq: 29 Jun 2018 15:06

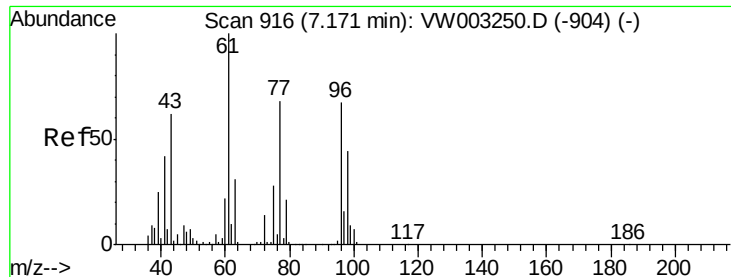
Tgt Ion: 77 Resp: 16476

Ion Ratio Lower Upper

77 100

97 20.3 11.3 33.9





#27

cis-1,2-Dichloroethene

Concen: 5.85 ug/l

RT: 7.17 min Scan# 916

Delta R.T. 0.00 min

Lab File: VW003660.D

Acq: 29 Jun 2018 15:06

Instrument :

MSVOA_W

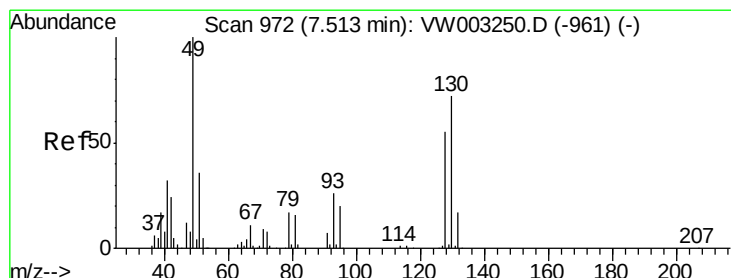
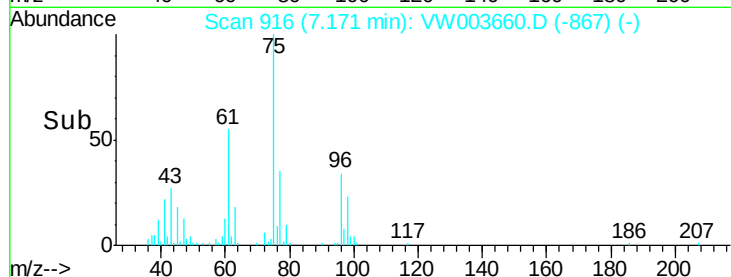
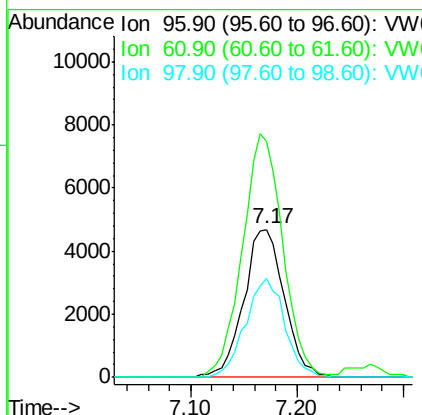
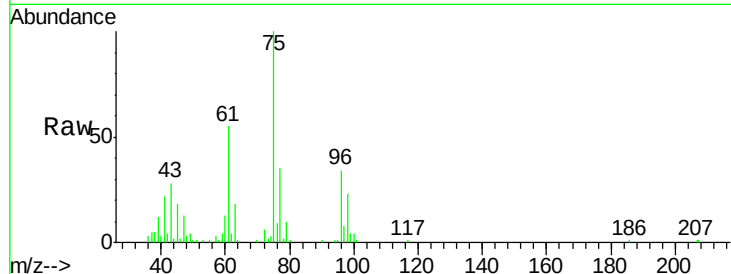
ClientSampleId :

LOQ-SCM-Precision-Bias-1

Tot Ion:	96	Resp:	12521
Ion	Ratio	Lower	Upper
96	100		
61	163.5	0.0	298.8
98	64.8	0.0	130.4

Manual Integrations
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#28

Bromochloromethane

Concen: 5.92 ug/l

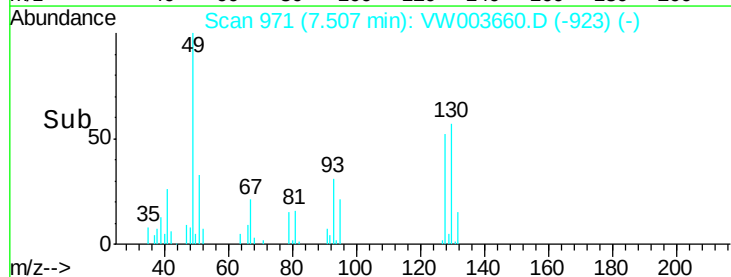
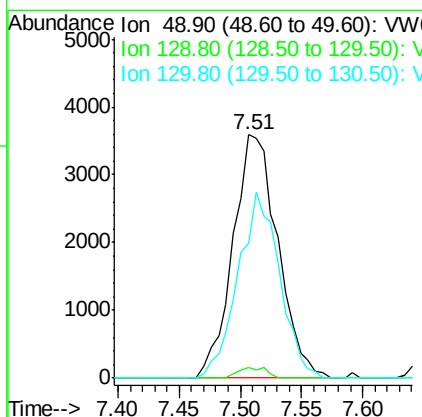
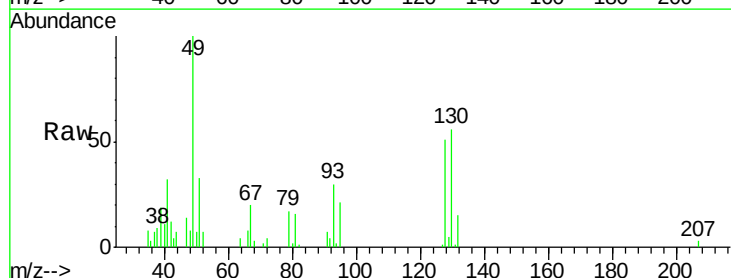
RT: 7.51 min Scan# 971

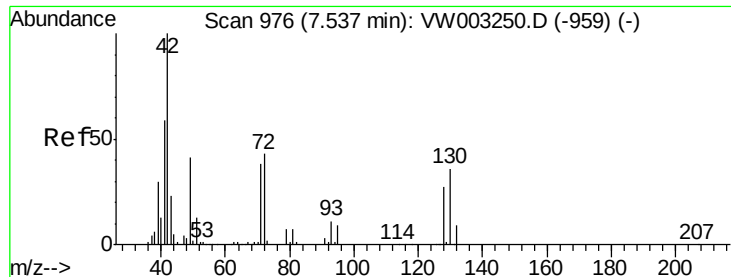
Delta R.T. -0.01 min

Lab File: VW003660.D

Acq: 29 Jun 2018 15:06

Tgt Ion:	49	Resp:	9120
Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	4.6
130	70.8	59.4	89.2





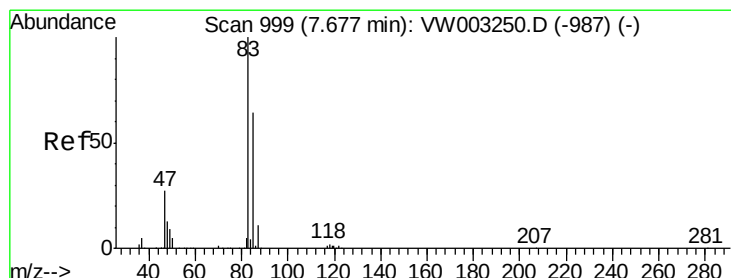
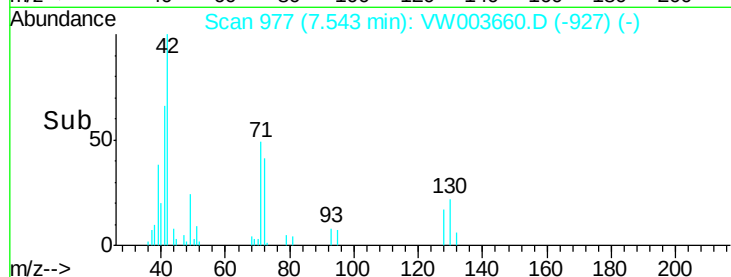
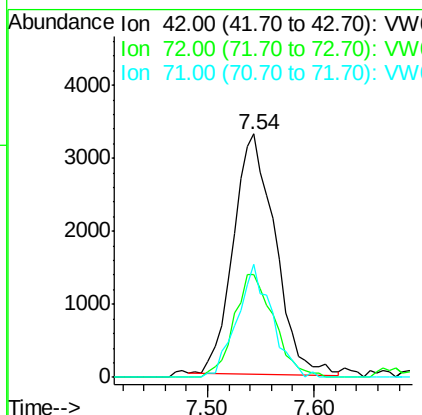
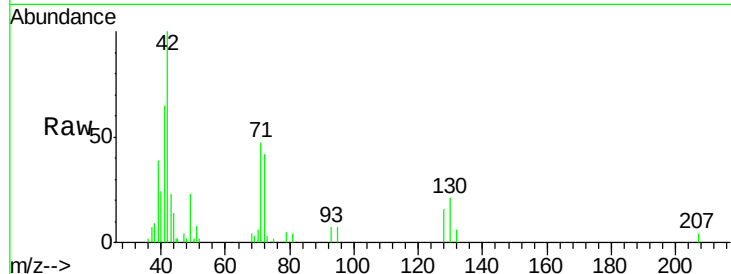
#29
Tetrahydrofuran
Concen: 26.56 ug/l
RT: 7.54 min Scan# 977
Delta R.T. 0.01 min
Lab File: VW003660.D
Acq: 29 Jun 2018 15:06

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SCM-Precision-Bias-1

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.2	32.4	48.6
71	39.2	31.2	46.8

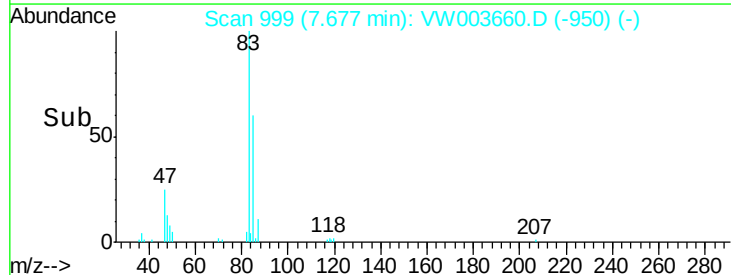
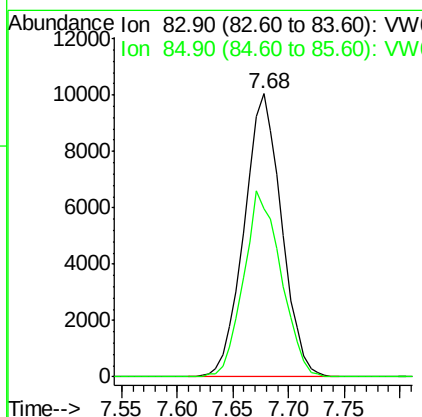
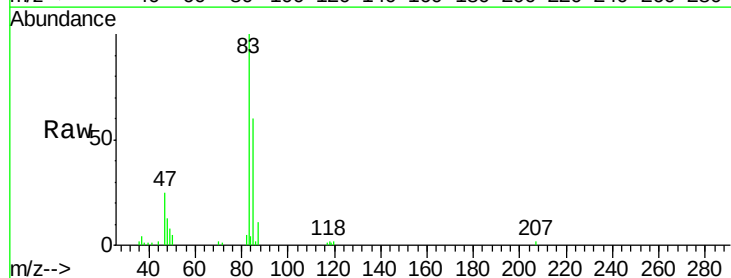
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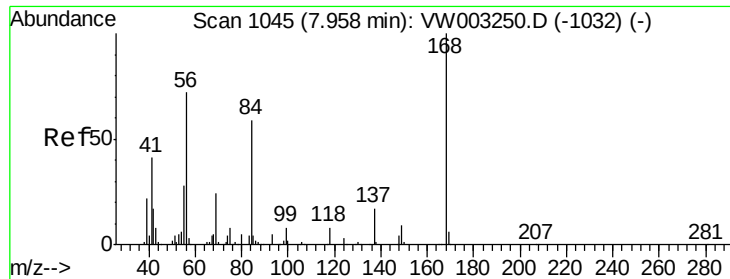
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#30
Chloroform
Concen: 6.24 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW003660.D
Acq: 29 Jun 2018 15:06

Tgt Ion	Ratio	Lower	Upper
83	100		
85	59.5	51.3	76.9





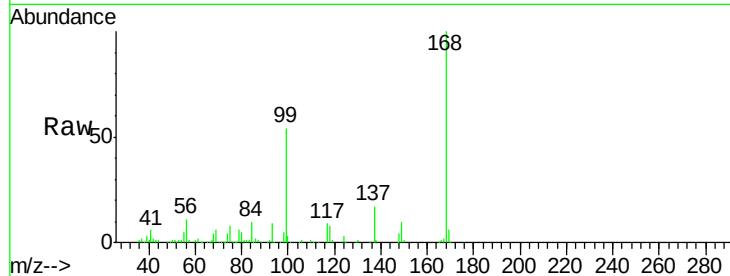
#31
Cyclohexane
Concen: 6.78 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. 0.00 min
Lab File: VW003660.D
Acq: 29 Jun 2018 15:06

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SCM-Precision-Bias-1

Tot Ion	Ratio	Lower	Upper
56	100		
69	55.3	26.3	39.5#
84	86.6	65.7	98.5

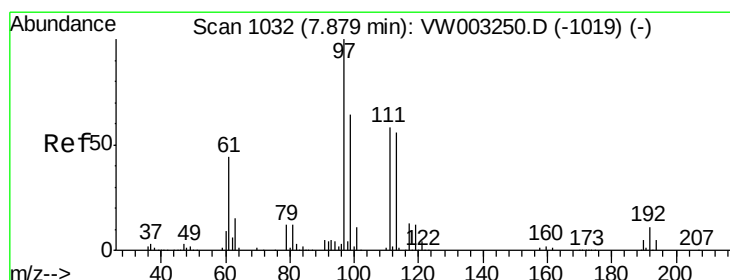
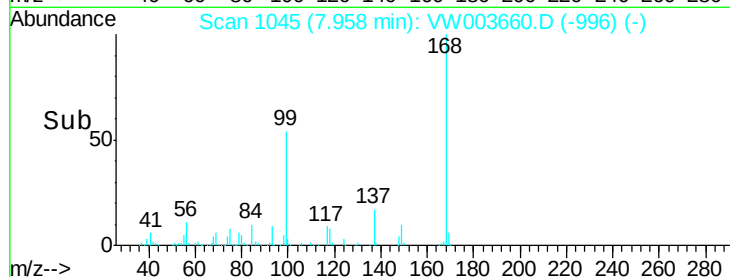
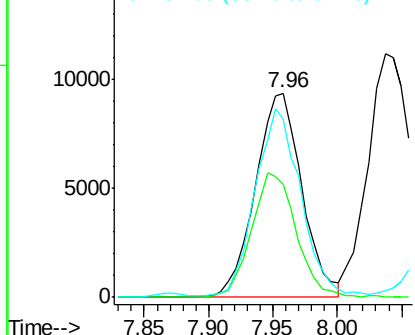
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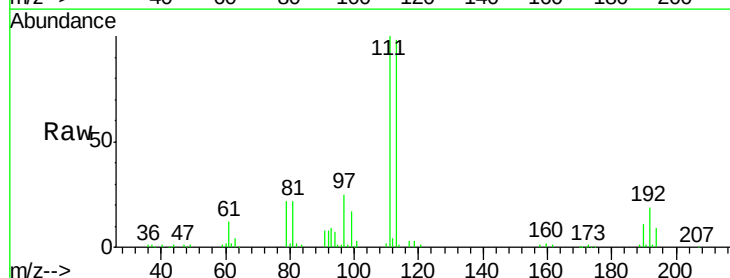
Abundance

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



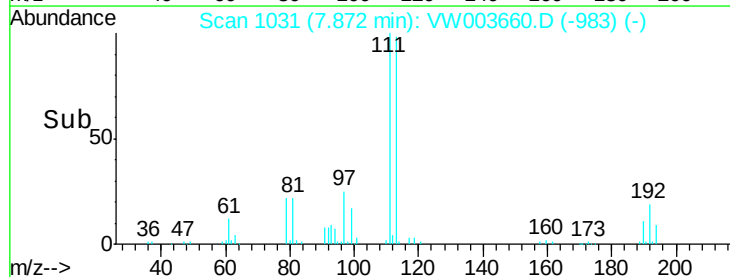
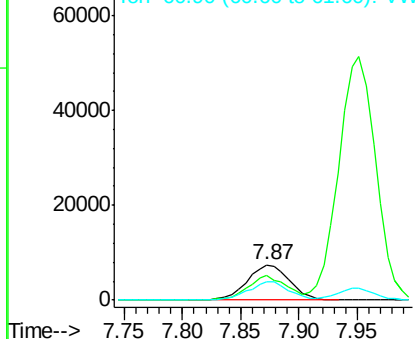
#32
1,1,1-Trichloroethane
Concen: 6.06 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. -0.01 min
Lab File: VW003660.D
Acq: 29 Jun 2018 15:06

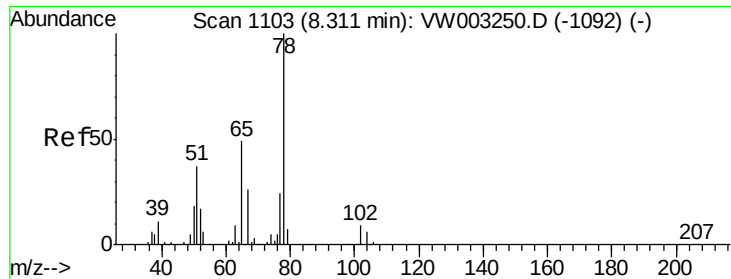
Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.2	51.7	77.5
61	48.9	37.6	56.4



Abundance

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





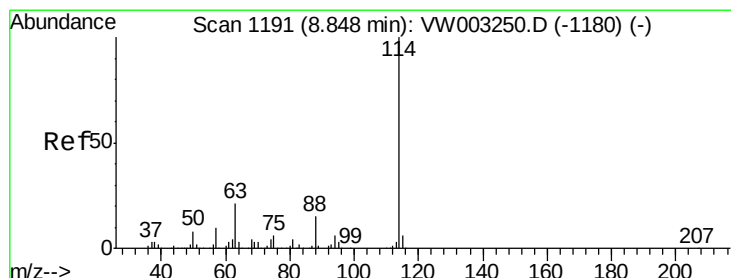
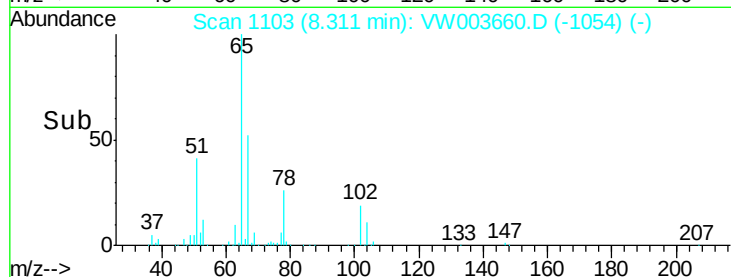
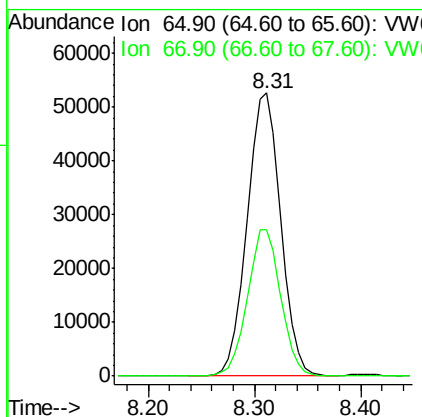
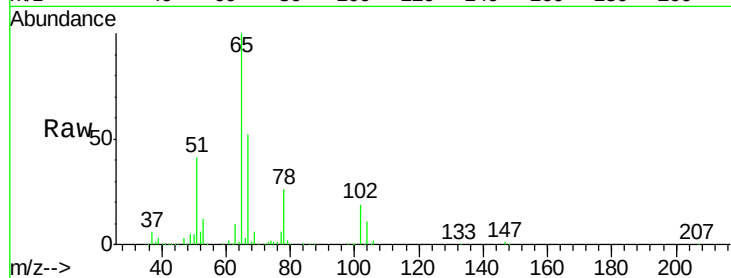
#33
 1,2-Dichloroethane-d4
 Concen: 54.50 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW003660.D
 Acq: 29 Jun 2018 15:06

Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SCM-Precision-Bias-1

Tot Ion	Ratio	Resp	Lower	Upper
65	100	116668		
67	51.4	0.0	104.2	

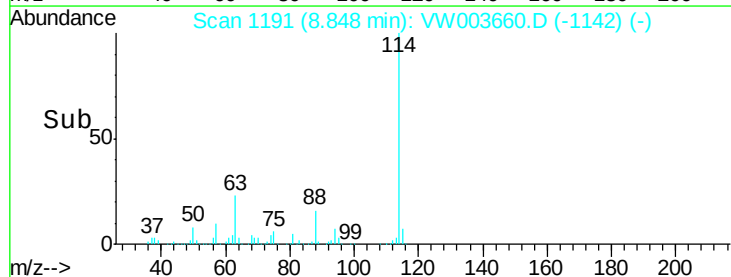
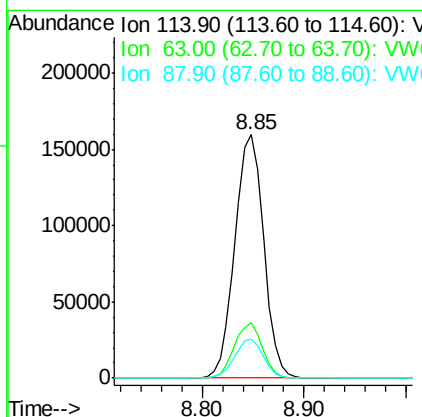
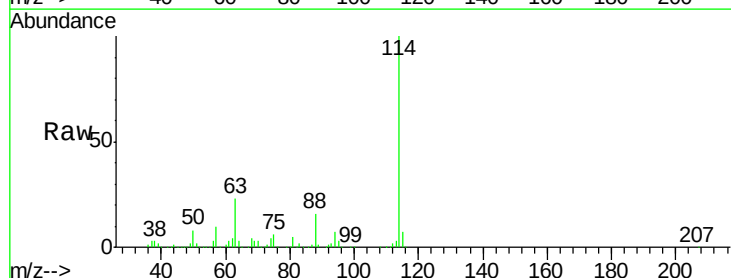
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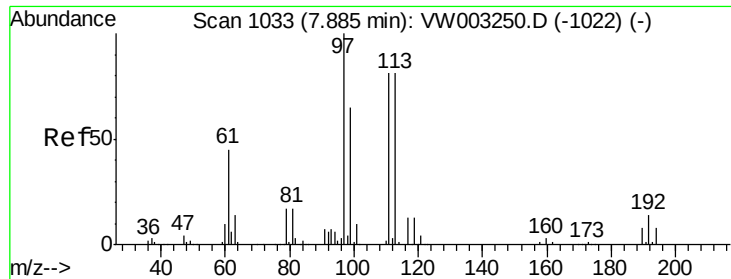
apatel
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003660.D
 Acq: 29 Jun 2018 15:06

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	312243		
63	22.6	0.0	43.0	
88	15.9	0.0	29.6	





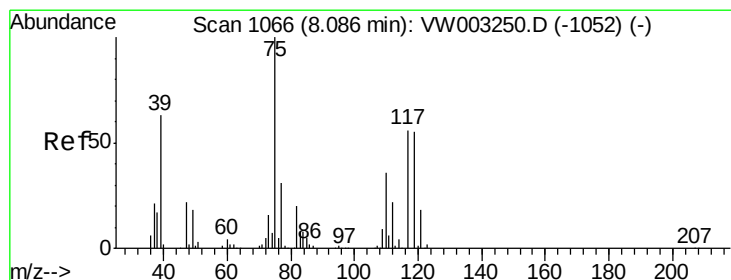
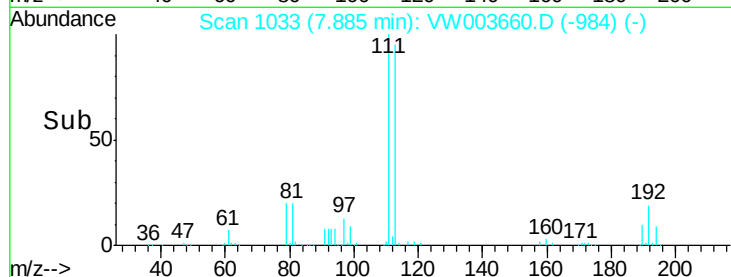
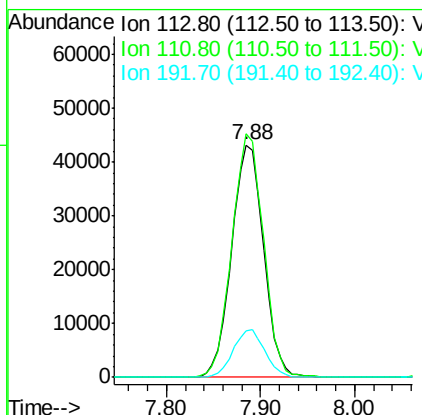
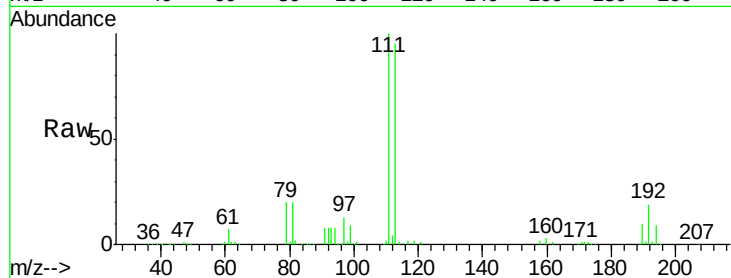
#35
 Dibromofluoromethane
 Concen: 52.60 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003660.D
 Acq: 29 Jun 2018 15:06

Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SCM-Precision-Bias-1

Tot Ion	Ratio	Resp	Lower	Upper
113	100	102049		
111	103.5	82.2	123.2	
192	20.2	16.2	24.2	

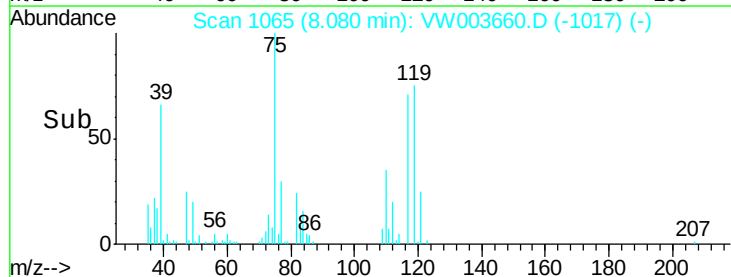
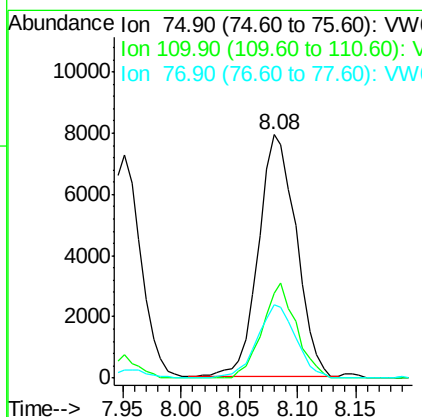
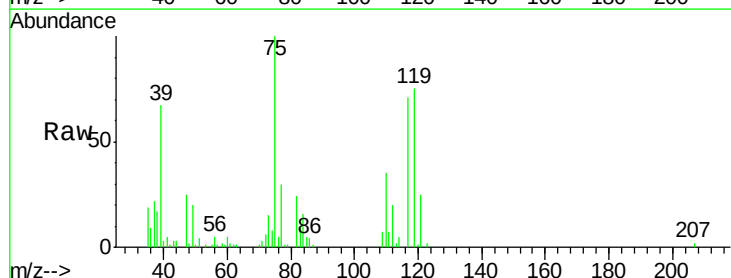
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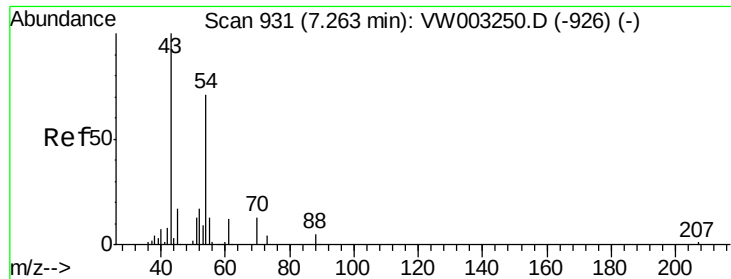
apatel
 7/2/2018 10:30:32 AM



#36
 1,1-Dichloropropene
 Concen: 5.89 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. -0.01 min
 Lab File: VW003660.D
 Acq: 29 Jun 2018 15:06

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	17747		
110	35.1	17.1	51.3	
77	31.0	24.9	37.3	





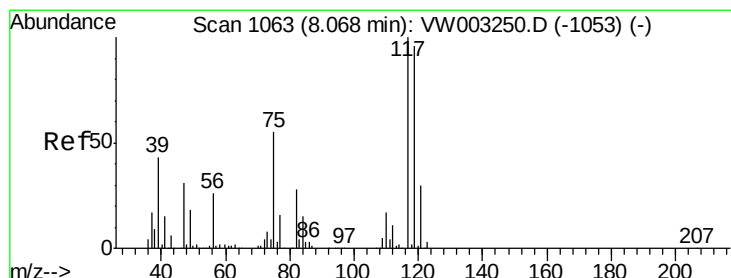
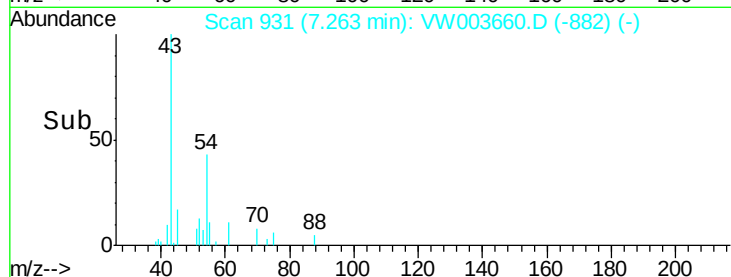
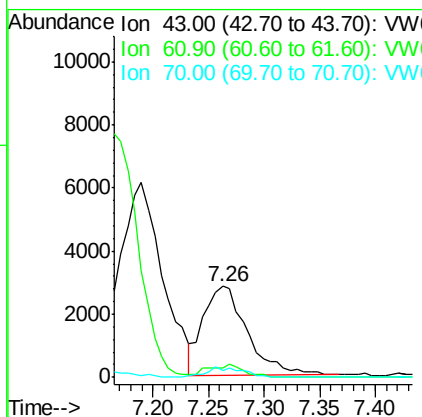
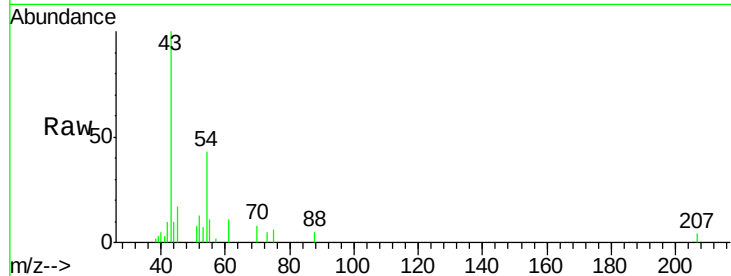
#37
Ethyl Acetate
Concen: 6.26 ug/l
RT: 7.26 min Scan# 931
Delta R.T. 0.00 min
Lab File: VW003660.D
Acq: 29 Jun 2018 15:06

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SCM-Precision-Bias-1

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.4	10.8	16.2
70	9.5	7.8	11.6

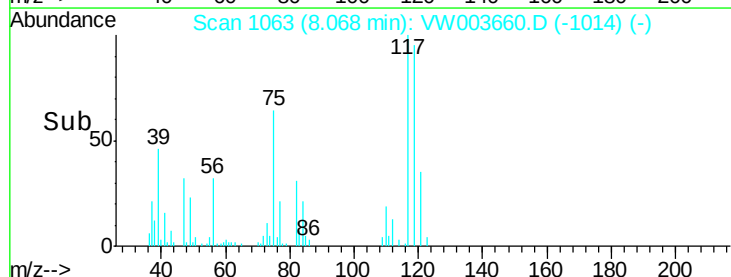
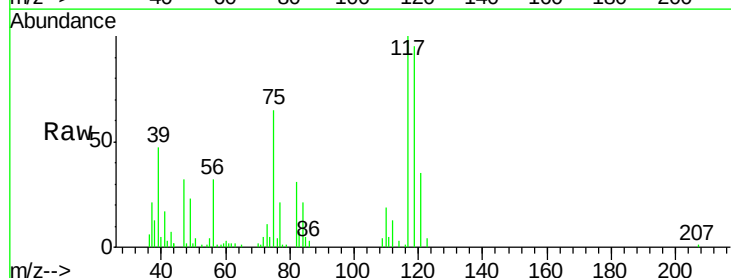
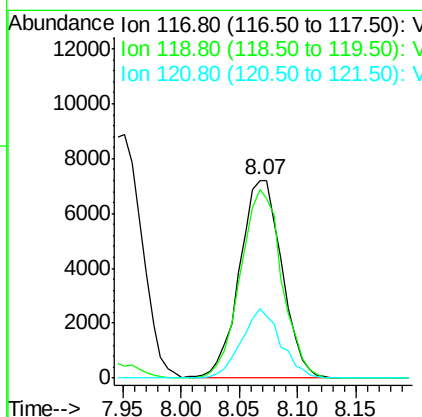
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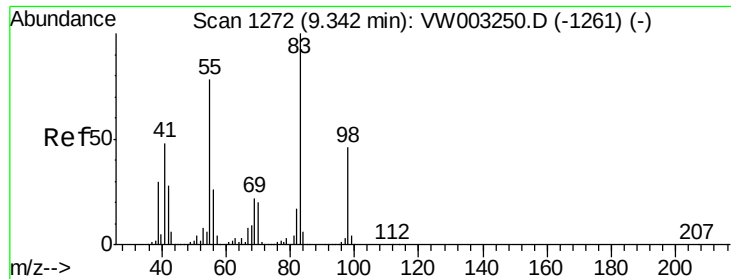
apatel
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#38
Carbon Tetrachloride
Concen: 6.16 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW003660.D
Acq: 29 Jun 2018 15:06

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.1	76.6	115.0
121	35.2	23.9	35.9





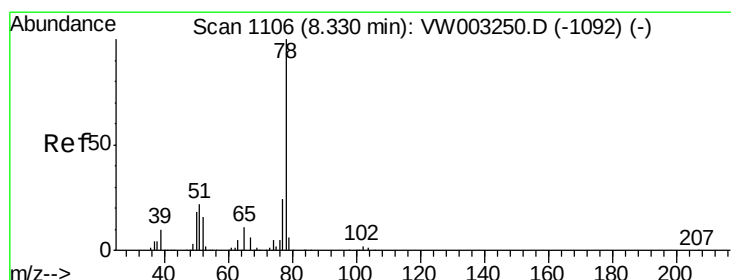
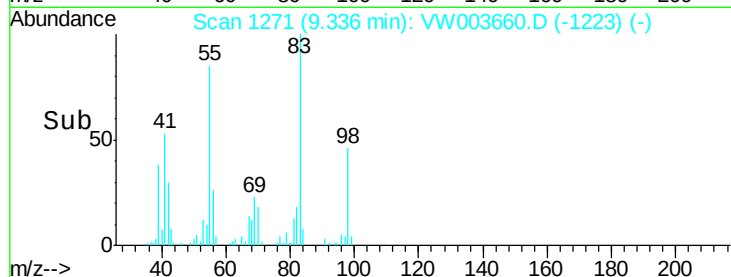
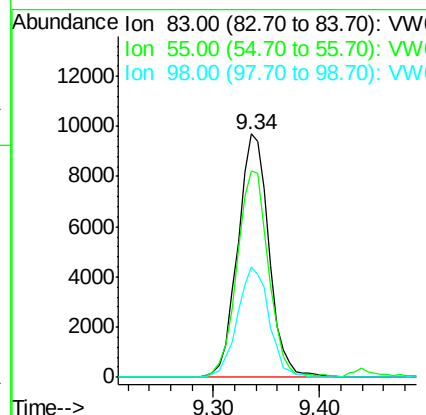
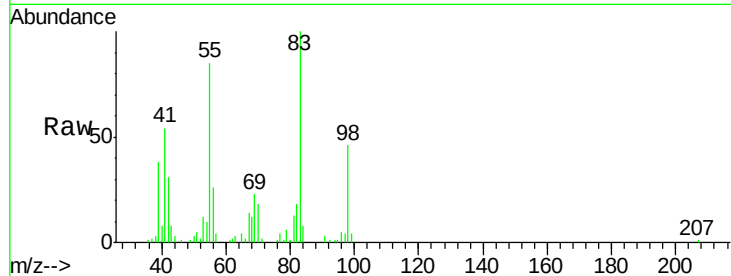
#39
Methylvlcyclohexane
Concen: 5.72 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.01 min
Lab File: VW003660.D
Acq: 29 Jun 2018 15:06

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SCM-Precision-Bias-1

Tot Ion	Ratio	Lower	Upper
83	100		
55	84.9	62.6	93.8
98	45.6	37.0	55.4

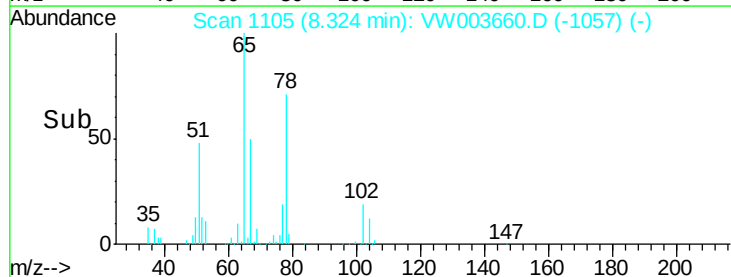
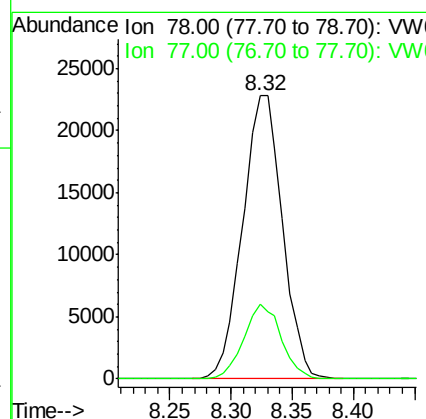
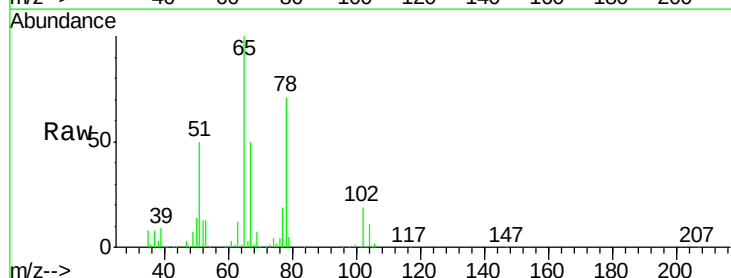
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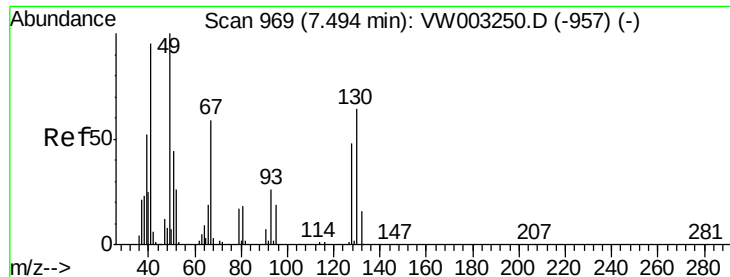
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#40
Benzene
Concen: 6.22 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.01 min
Lab File: VW003660.D
Acq: 29 Jun 2018 15:06

Tgt Ion	Ratio	Lower	Upper
78	100		
77	26.2	19.0	28.6





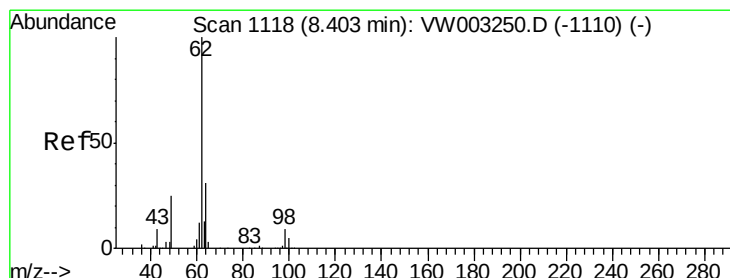
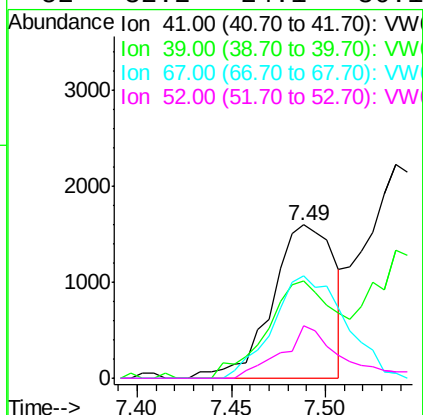
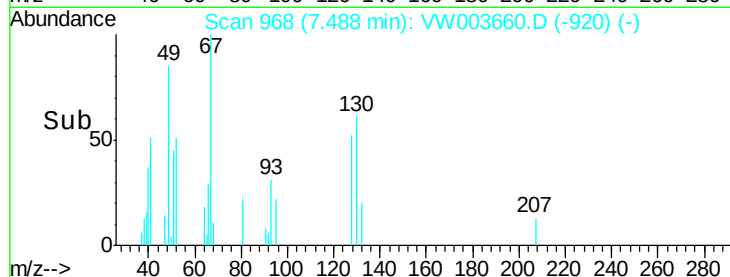
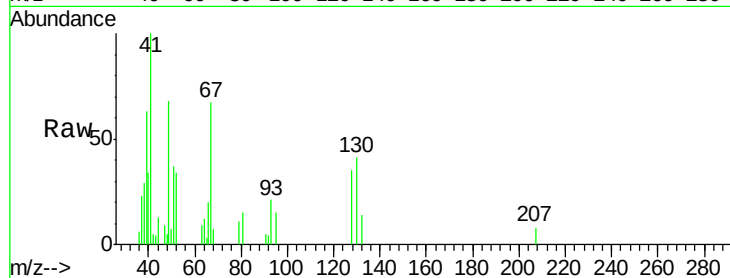
#41
Methacrylonitrile
Concen: 4.80 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.01 min
Lab File: VW003660.D
Acq: 29 Jun 2018 15:06

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SCM-Precision-Bias-1

Tot Ion:	41	Resp:	3676
Ion	Ratio	Lower	Upper
41	100		
39	70.9	45.8	68.8#
67	77.2	52.3	78.5
52	32.2	24.1	36.1

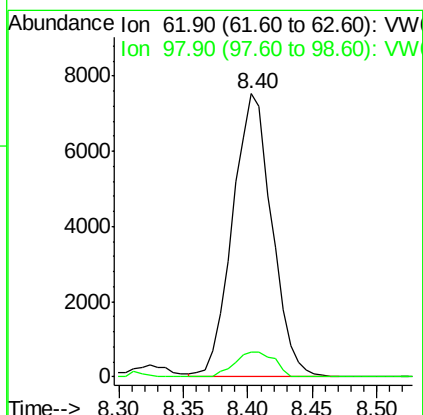
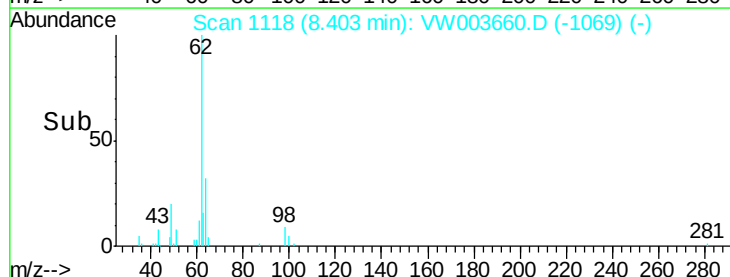
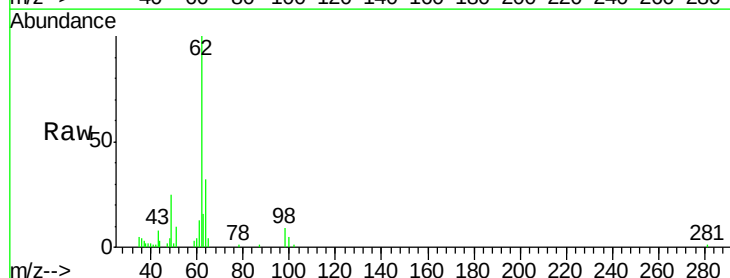
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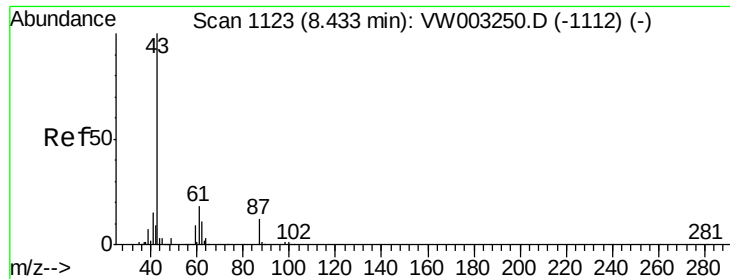
apatel
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#42
1,2-Dichloroethane
Concen: 6.13 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW003660.D
Acq: 29 Jun 2018 15:06

Tgt Ion:	62	Resp:	15971
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.2





#43

Isopropyl Acetate

Concen: 5.59 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VW003660.D

Acq: 29 Jun 2018 15:06

Instrument :

MSVOA_W

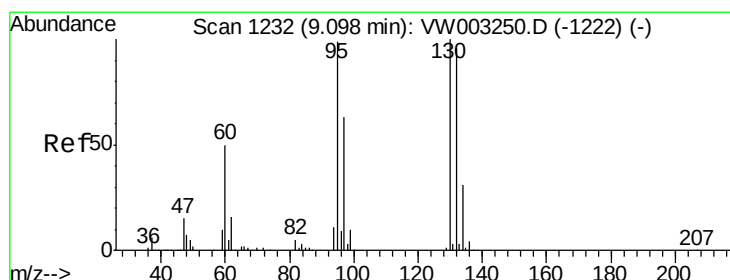
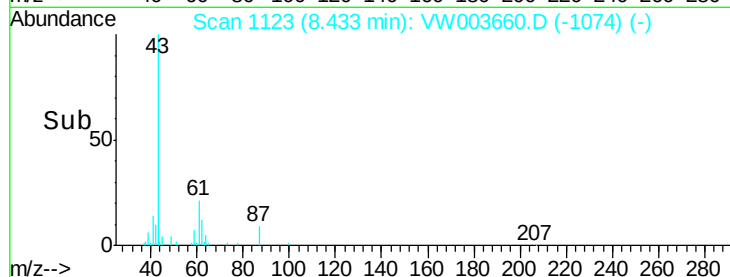
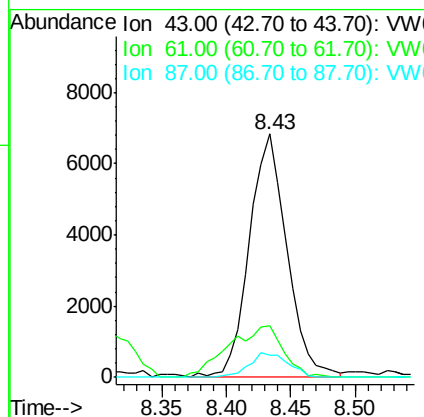
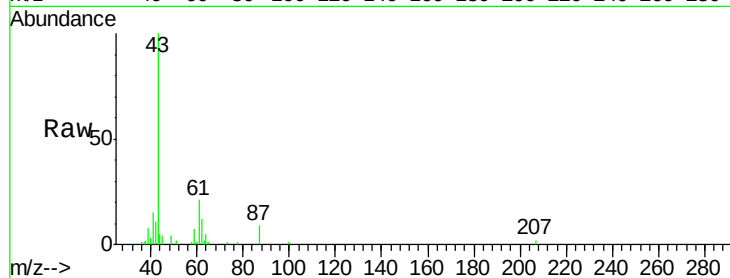
ClientSampleId :

LOQ-SCM-Precision-Bias-1

Tot Ion:	43	Resp:	13854
Ion	Ratio	Lower	Upper
43	100		
61	30.9	23.1	34.7
87	10.4	9.8	14.6

Manual Integrations
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#44

Trichloroethene

Concen: 6.18 ug/l

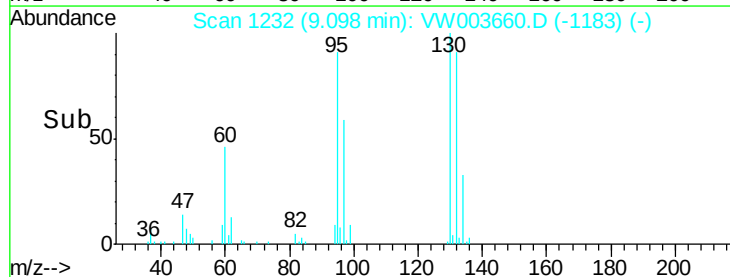
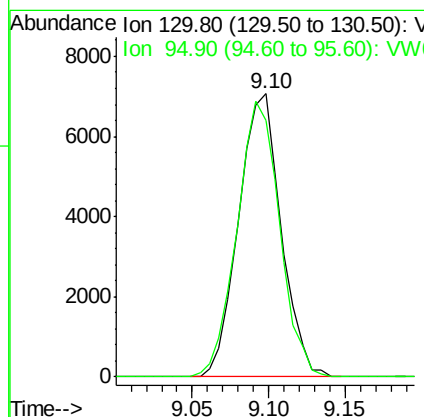
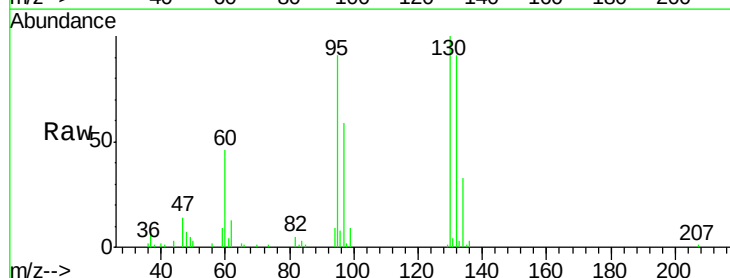
RT: 9.10 min Scan# 1232

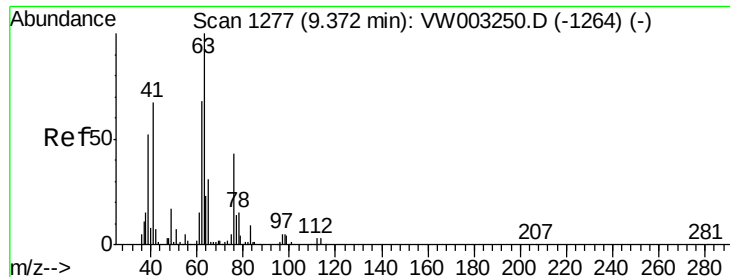
Delta R.T. 0.00 min

Lab File: VW003660.D

Acq: 29 Jun 2018 15:06

Tgt Ion:	130	Resp:	13609
Ion	Ratio	Lower	Upper
130	100		
95	90.7	0.0	198.0





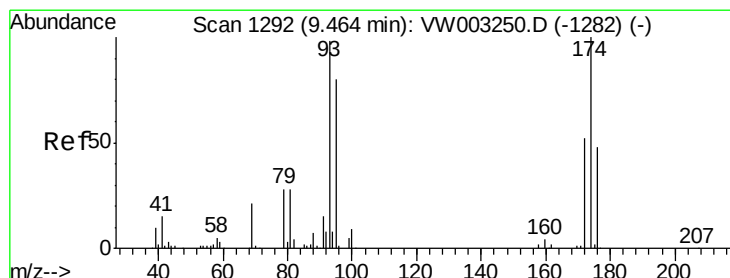
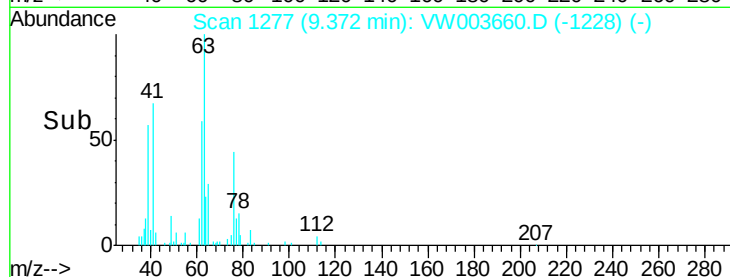
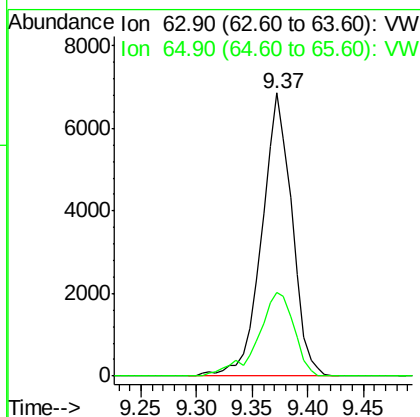
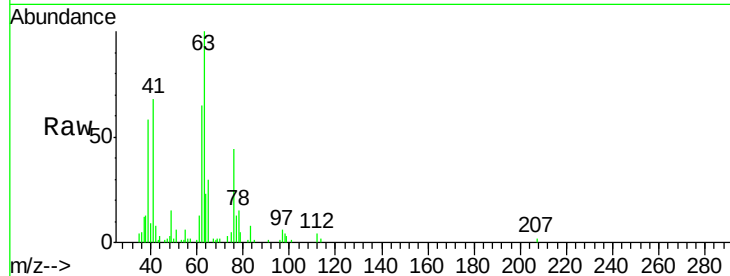
#45
 1,2-Dichloropropane
 Concen: 6.11 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VW003660.D
 Acq: 29 Jun 2018 15:06

Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SCM-Precision-Bias-1

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.8	25.1	37.7

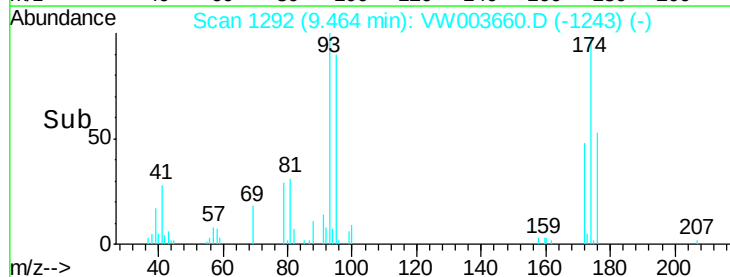
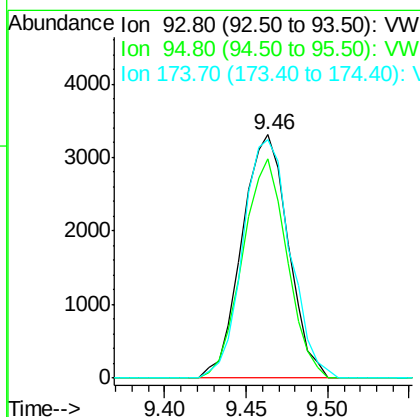
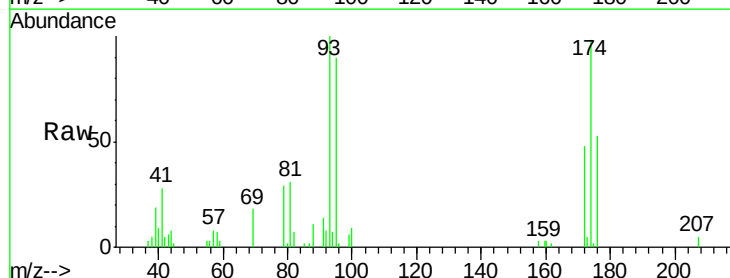
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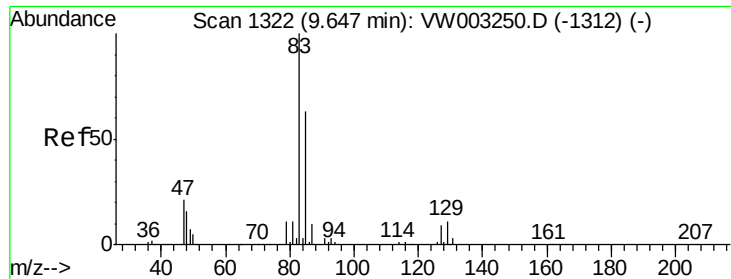
apatel
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#46
 Dibromomethane
 Concen: 6.04 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. 0.00 min
 Lab File: VW003660.D
 Acq: 29 Jun 2018 15:06

Tgt Ion	Ratio	Lower	Upper
93	100		
95	86.3	65.8	98.8
174	99.8	81.4	122.0





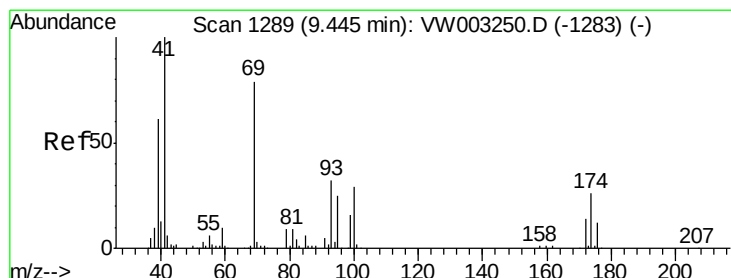
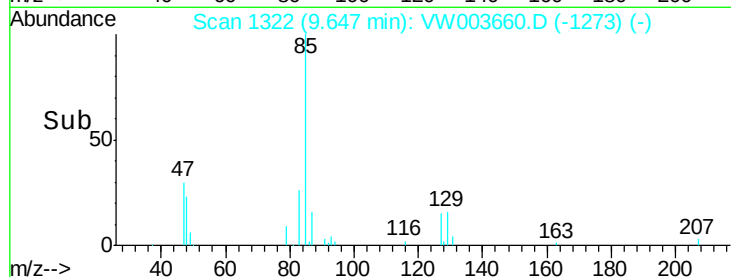
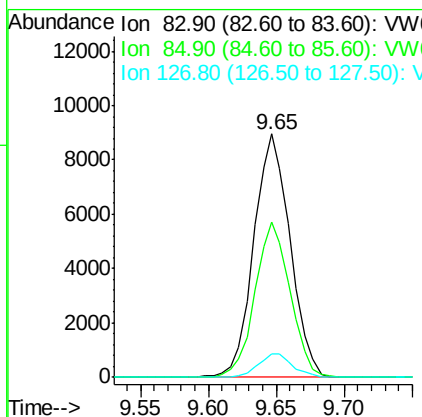
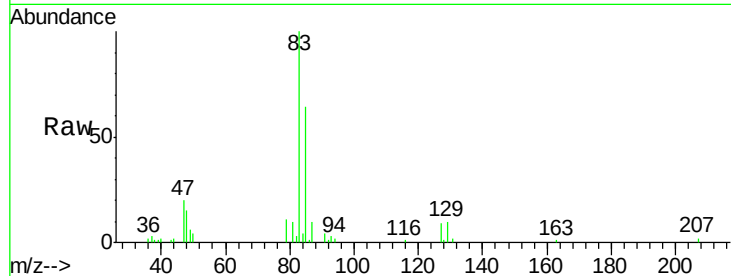
#47
Bromodichloromethane
Concen: 6.05 ug/l
RT: 9.65 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VW003660.D
Acq: 29 Jun 2018 15:06

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SCM-Precision-Bias-1

Tot Ion	83	Resp	16804
Ion Ratio	100	Lower	Upper
83	100		
85	64.0	50.6	75.8
127	9.5	6.8	10.2

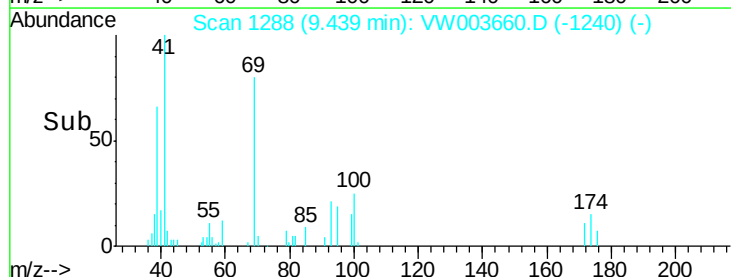
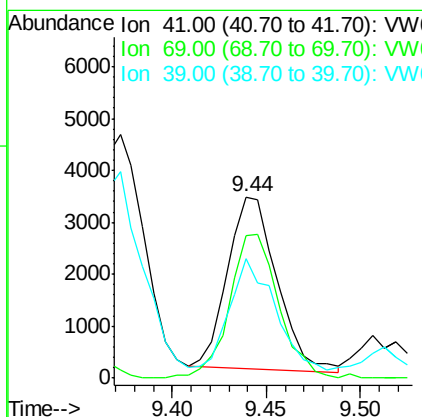
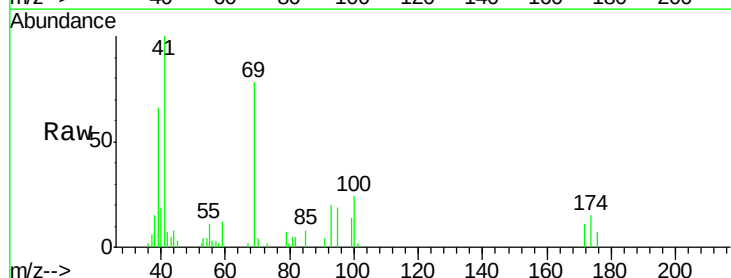
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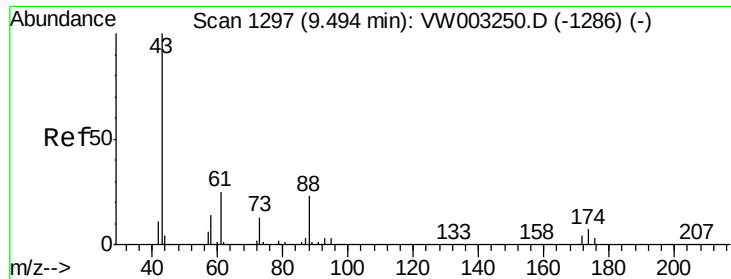
apatel
7/2/2018 10:30:32 AM



#48
Methyl methacrylate
Concen: 5.20 ug/l
RT: 9.44 min Scan# 1288
Delta R.T. -0.01 min
Lab File: VW003660.D
Acq: 29 Jun 2018 15:06

Tgt Ion	41	Resp	6057
Ion Ratio	100	Lower	Upper
41	100		
69	82.7	65.4	98.2
39	65.6	54.2	81.2





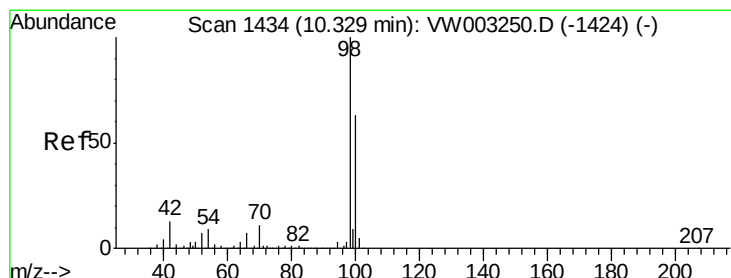
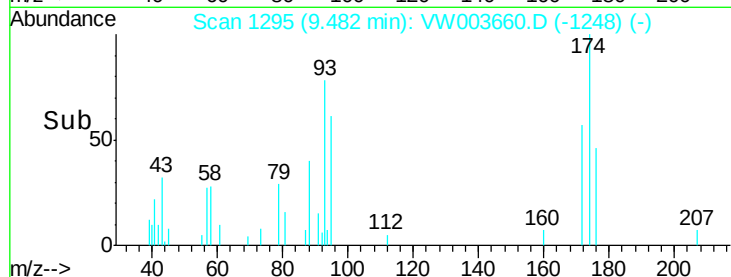
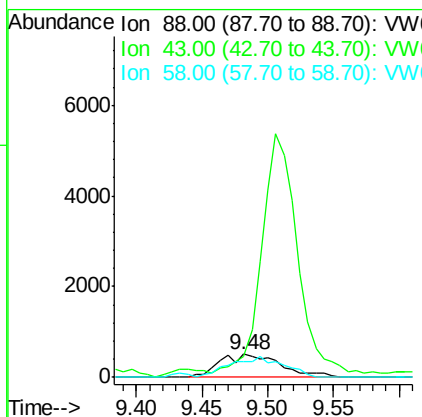
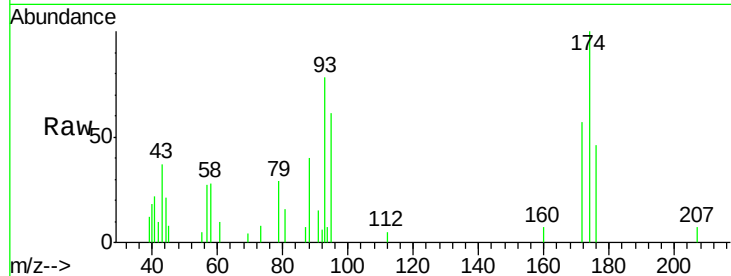
#49
1,4-Dioxane
Concen: 101.41 ug/l m
RT: 9.48 min Scan# 1295
Delta R.T. -0.01 min
Lab File: VW003660.D
Acq: 29 Jun 2018 15:06

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SCM-Precision-Bias-1

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

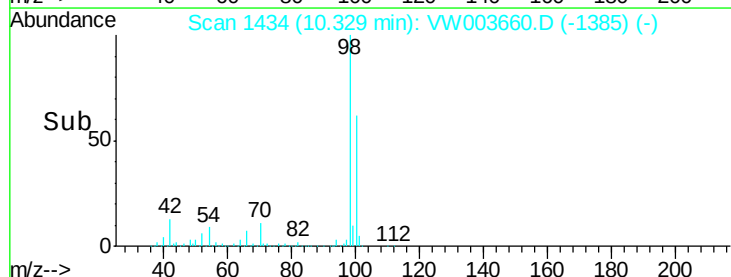
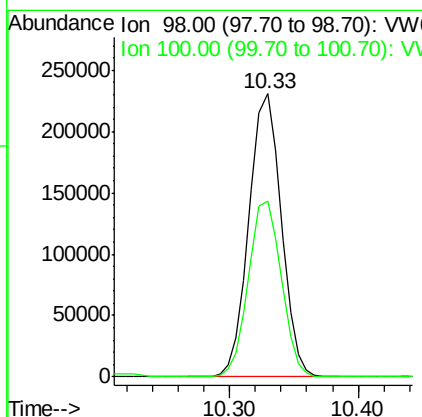
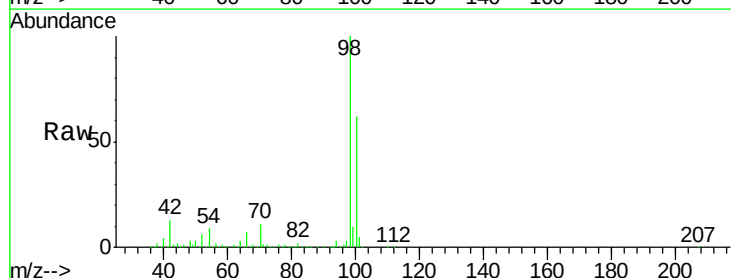
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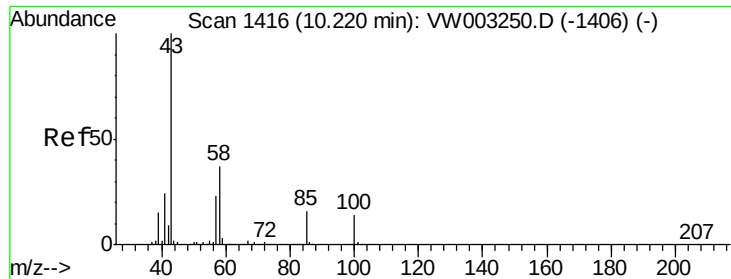
apatel
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#50
Toluene-d8
Concen: 52.06 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW003660.D
Acq: 29 Jun 2018 15:06

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.3	50.8	76.2





#51

4-Methyl-2-Pentanone

Concen: 26.63 ug/l

RT: 10.22 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VW003660.D

Acq: 29 Jun 2018 15:06

Instrument :

MSVOA_W

ClientSampleId :

LOQ-SCM-Precision-Bias-1

Tot Ion: 43 Resp: 33663

Ion Ratio Lower Upper

43 100

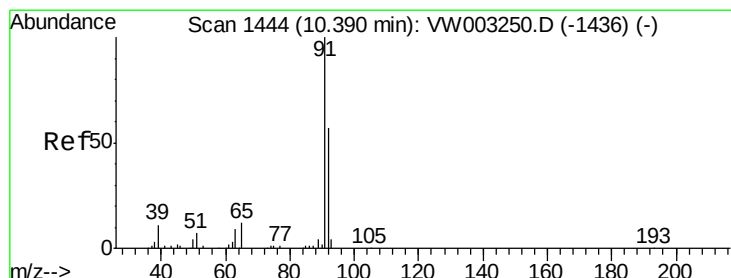
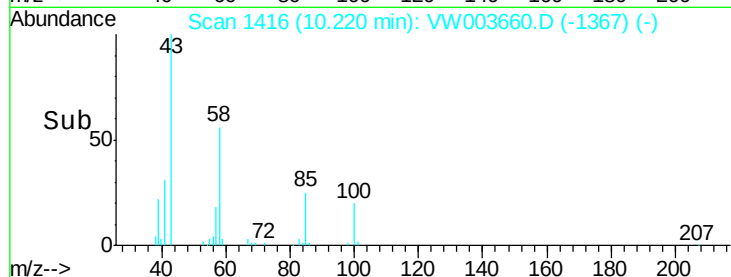
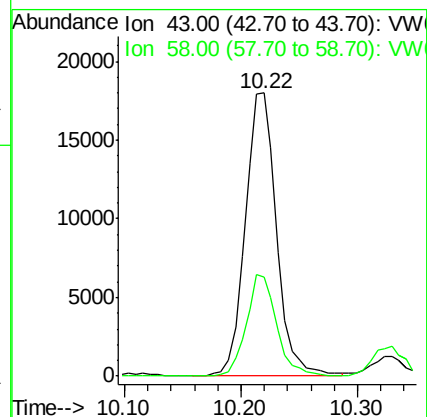
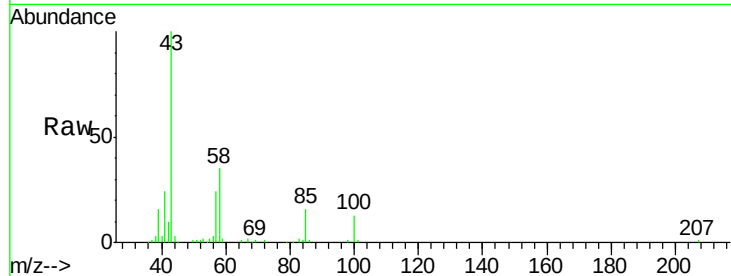
58 34.5 29.0 43.4

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#52

Toluene

Concen: 6.33 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW003660.D

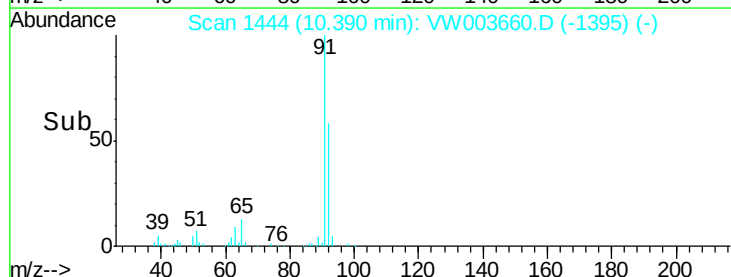
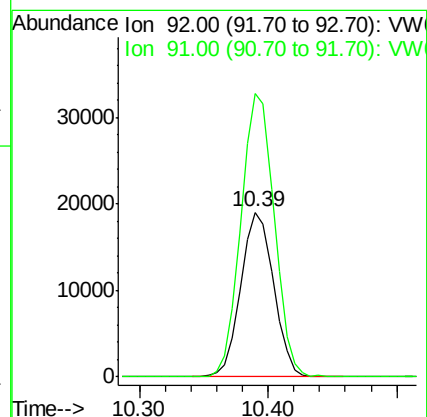
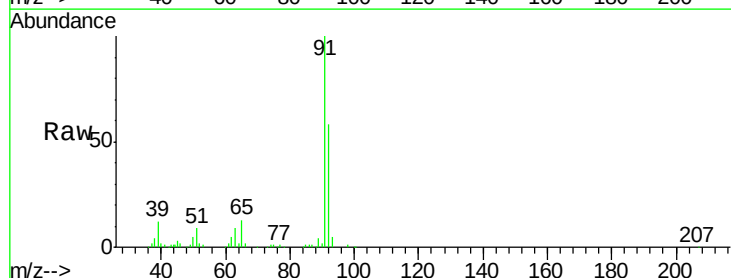
Acq: 29 Jun 2018 15:06

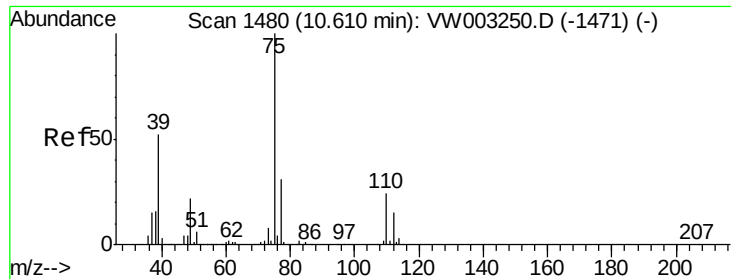
Tgt Ion: 92 Resp: 33728

Ion Ratio Lower Upper

92 100

91 173.3 141.1 211.7





#53

t-1,3-Dichloropropene

Concen: 5.43 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW003660.D

Acq: 29 Jun 2018 15:06

Instrument :

MSVOA_W

ClientSampleId :

LOQ-SCM-Precision-Bias-1

Tot Ion: 75 Resp: 15416

Ion Ratio Lower Upper

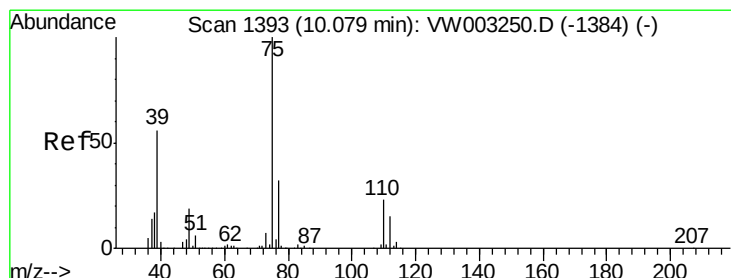
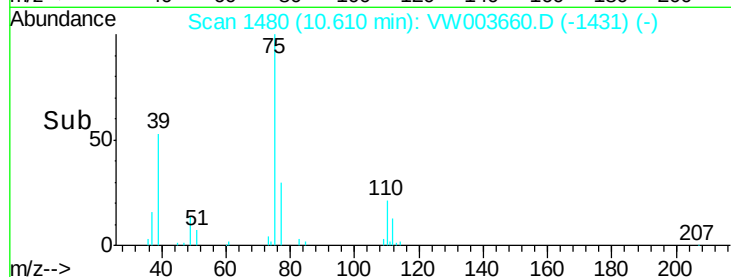
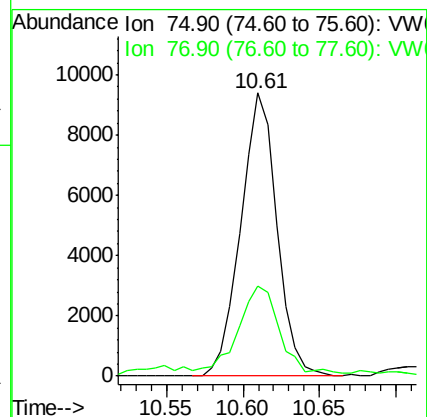
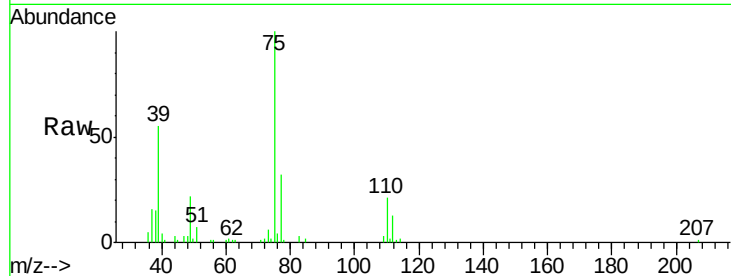
75 100

77 30.7 24.9 37.3

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#54

cis-1,3-Dichloropropene

Concen: 5.61 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VW003660.D

Acq: 29 Jun 2018 15:06

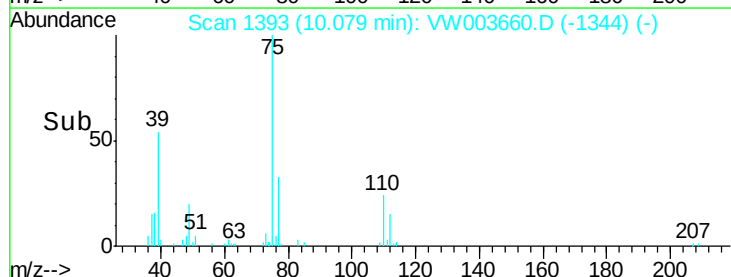
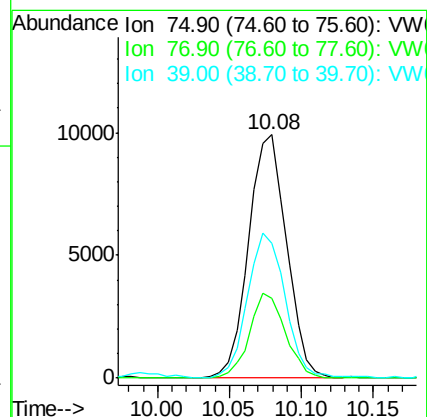
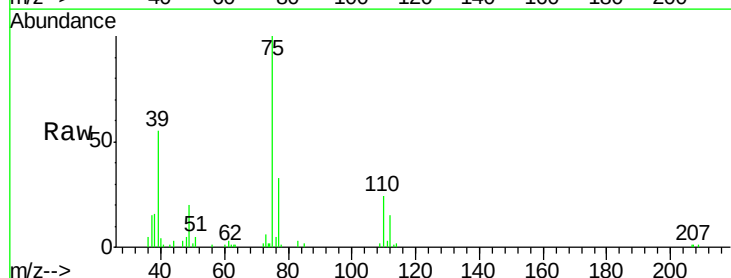
Tgt Ion: 75 Resp: 18100

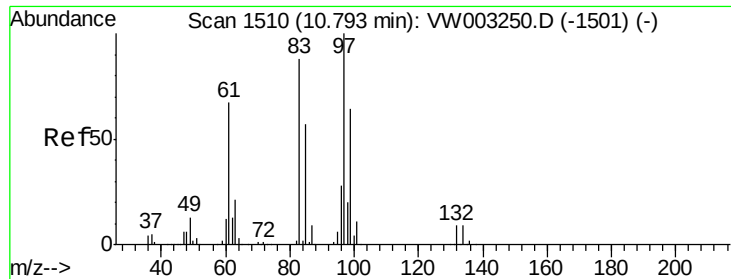
Ion Ratio Lower Upper

75 100

77 32.7 25.8 38.6

39 55.4 45.2 67.8





#55

1,1,2-Trichloroethane

Concen: 5.71 ug/l

RT: 10.79 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VW003660.D

Acq: 29 Jun 2018 15:06

Instrument :

MSVOA_W

ClientSampleId :

LOQ-SCM-Precision-Bias-1

Tot Ion: 97 Resp: 8714

Ion	Ratio	Lower	Upper
97	100		
83	92.8	70.2	105.2
85	62.5	45.6	68.4
99	73.5	51.2	76.8

97 100

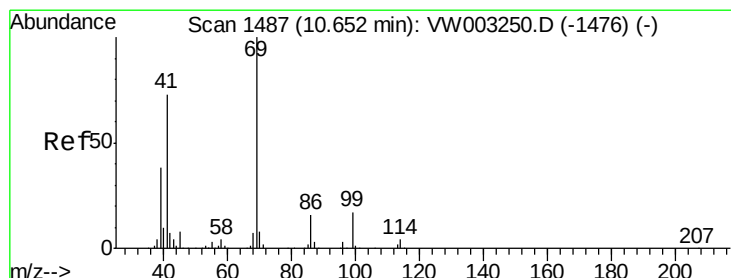
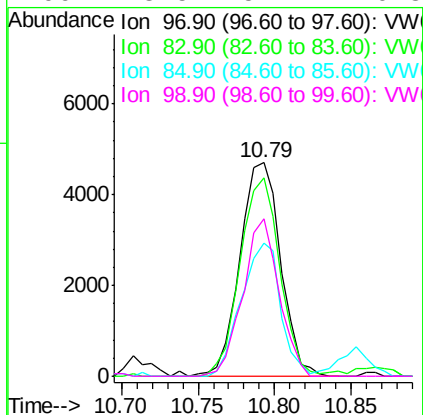
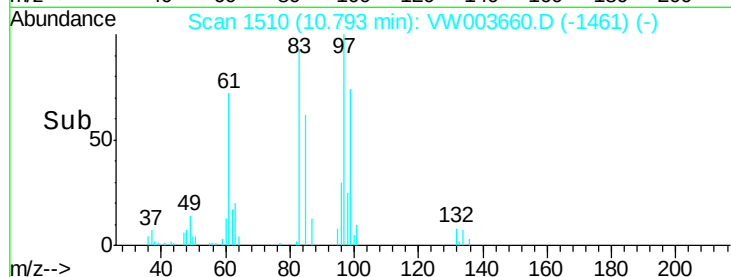
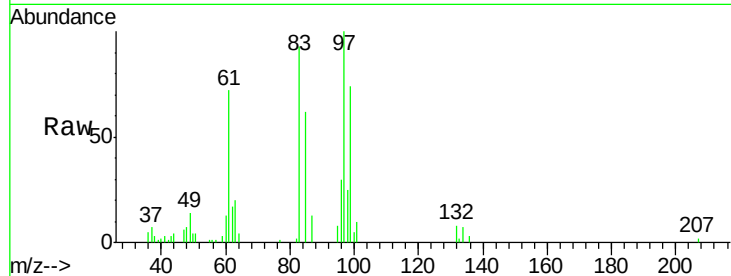
83 92.8 70.2 105.2

85 62.5 45.6 68.4

99 73.5 51.2 76.8

Manual Integrations
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#56

Ethyl methacrylate

Concen: 4.86 ug/l

RT: 10.65 min Scan# 1486

Delta R.T. -0.01 min

Lab File: VW003660.D

Acq: 29 Jun 2018 15:06

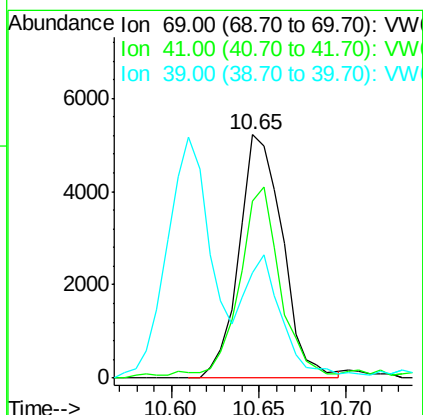
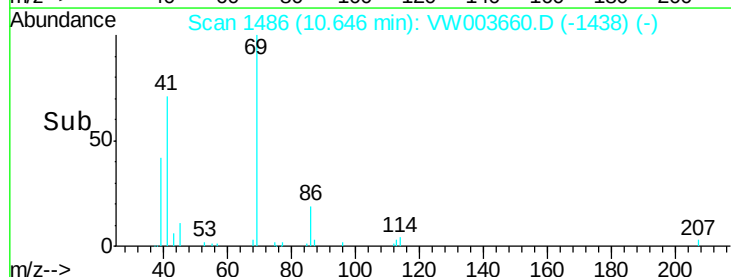
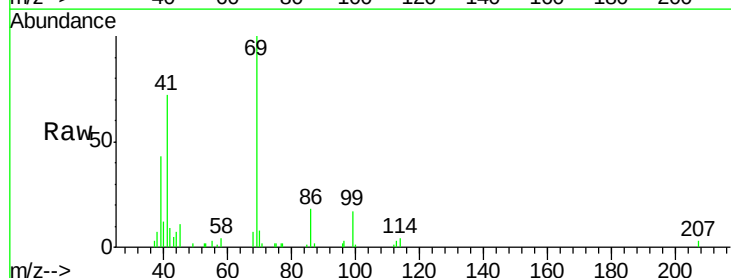
Tgt Ion: 69 Resp: 9005

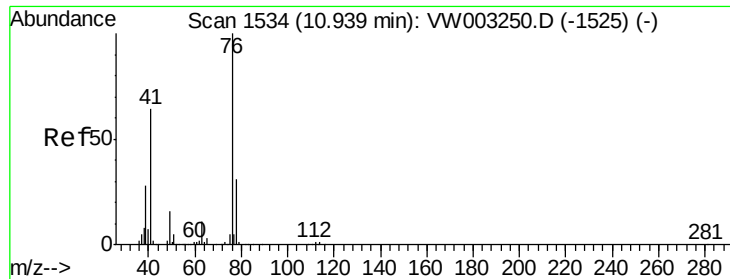
Ion	Ratio	Lower	Upper
69	100		
41	71.2	57.8	86.6
39	45.0	32.7	49.1

69 100

41 71.2 57.8 86.6

39 45.0 32.7 49.1





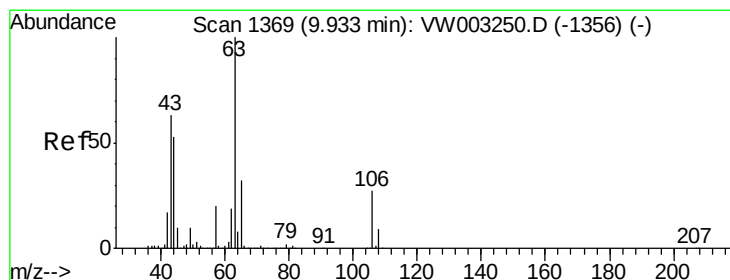
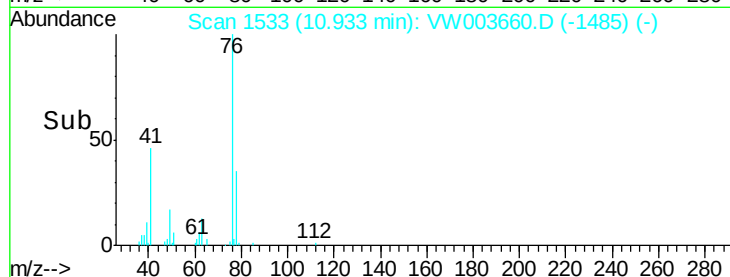
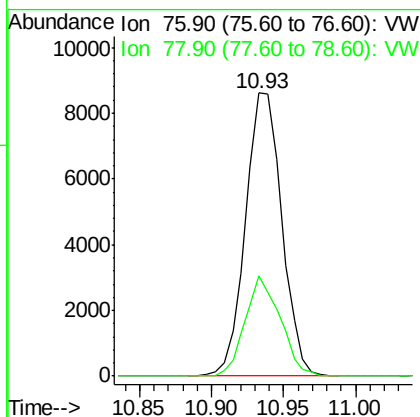
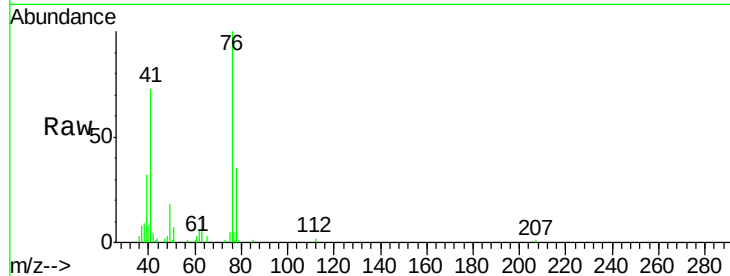
#57
 1,3-Dichloropropane
 Concen: 5.71 ug/l
 RT: 10.93 min Scan# 1533
 Delta R.T. -0.01 min
 Lab File: VW003660.D
 Acq: 29 Jun 2018 15:06

Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SCM-Precision-Bias-1

Tot Ion: 76 Resp: 15033
 Ion Ratio Lower Upper
 76 100
 78 33.9 25.7 38.5

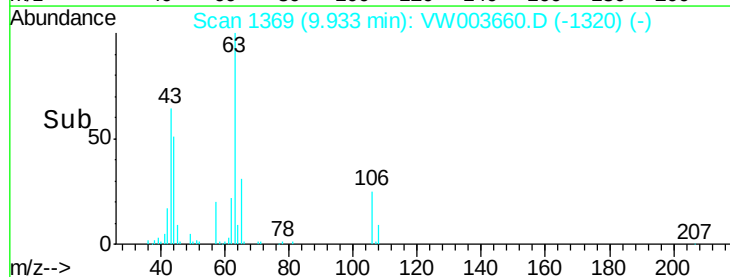
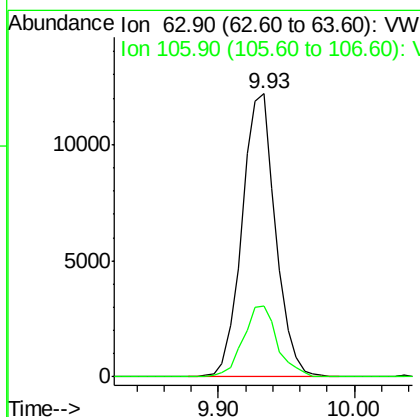
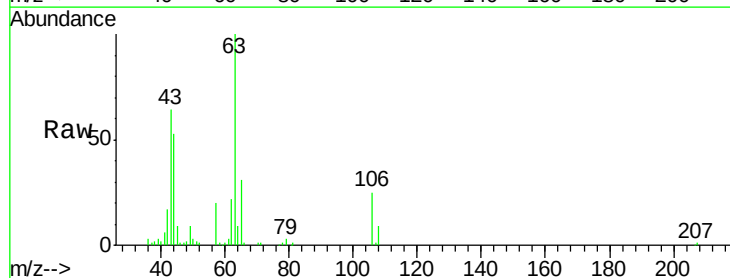
Manual Integrations
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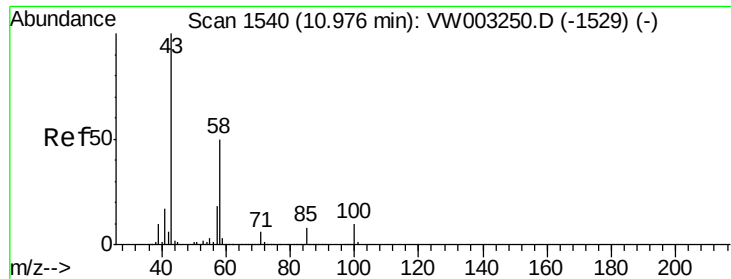
apatel
 7/2/2018 10:30:32 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 25.25 ug/l
 RT: 9.93 min Scan# 1369
 Delta R.T. 0.00 min
 Lab File: VW003660.D
 Acq: 29 Jun 2018 15:06

Tgt Ion: 63 Resp: 20985
 Ion Ratio Lower Upper
 63 100
 106 25.4 21.8 32.8





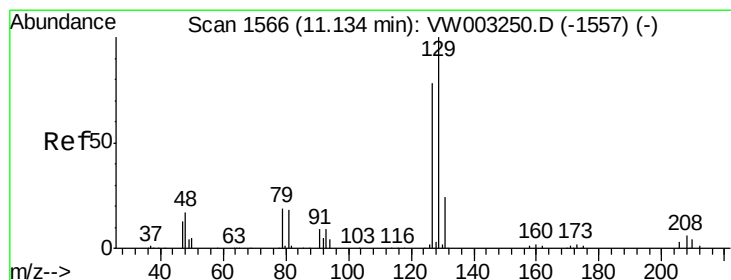
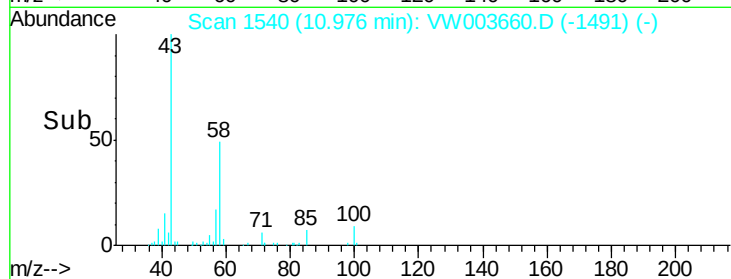
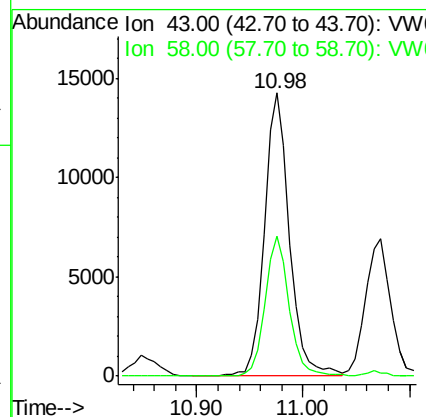
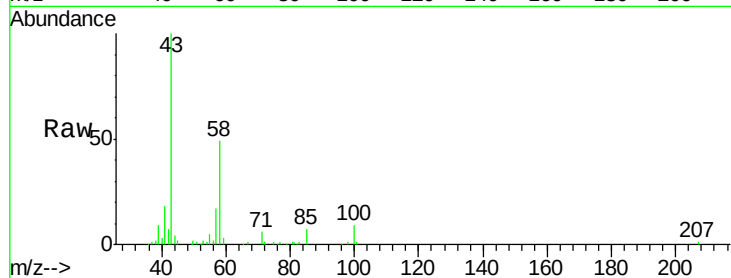
#59
2-Hexanone
Concen: 26.51 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW003660.D
Acq: 29 Jun 2018 15:06

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SCM-Precision-Bias-1

Tot Ion: 43 Resp: 23404
Ion Ratio Lower Upper
43 100
58 47.4 25.0 75.0

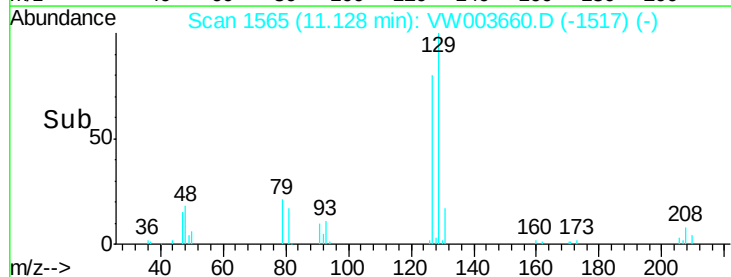
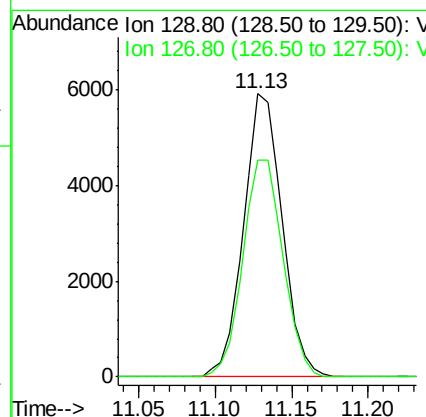
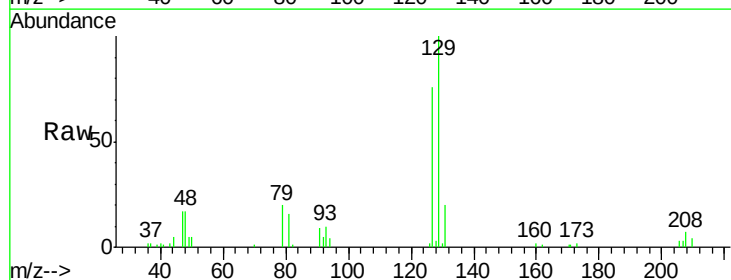
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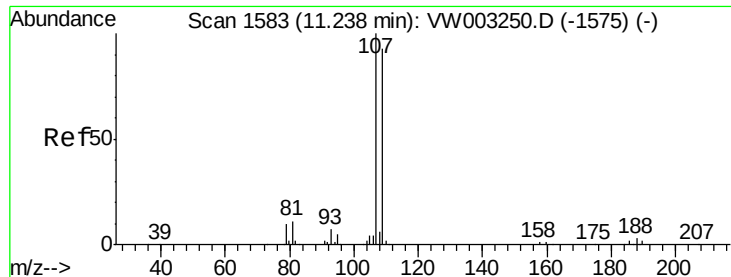
apatel
7/2/2018 10:30:32 AM



#60
Dibromochloromethane
Concen: 5.71 ug/l
RT: 11.13 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VW003660.D
Acq: 29 Jun 2018 15:06

Tgt Ion: 129 Resp: 10370
Ion Ratio Lower Upper
129 100
127 79.8 39.1 117.5





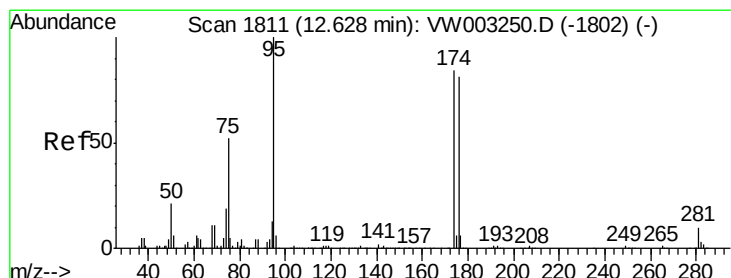
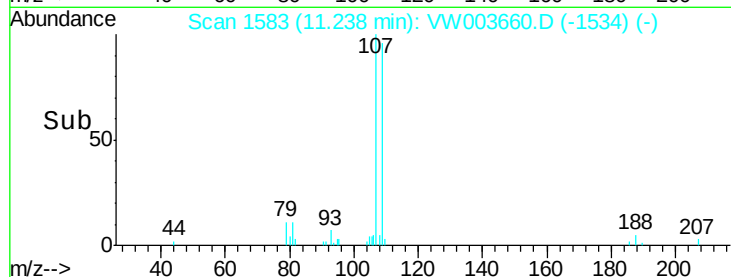
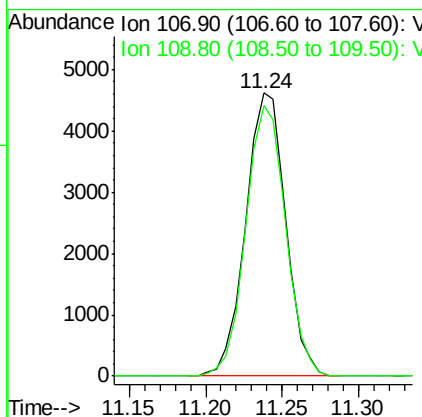
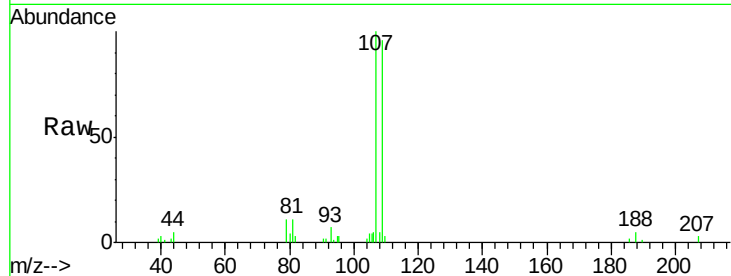
#61
 1,2-Dibromoethane
 Concen: 5.83 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VW003660.D
 Acq: 29 Jun 2018 15:06

Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SCM-Precision-Bias-1

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.1	75.8	113.6

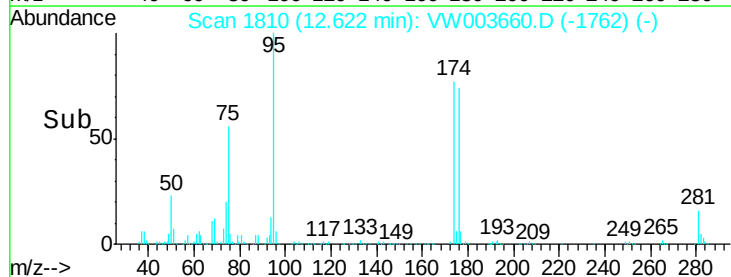
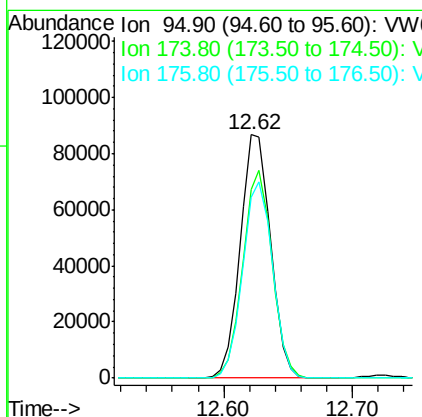
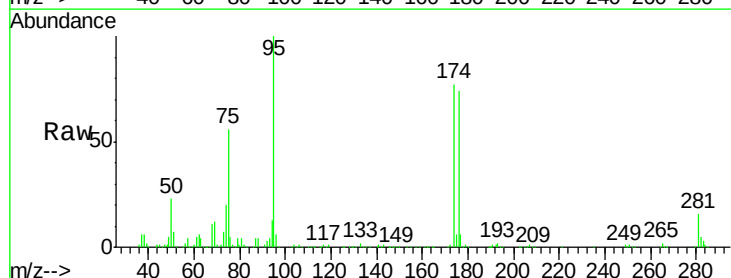
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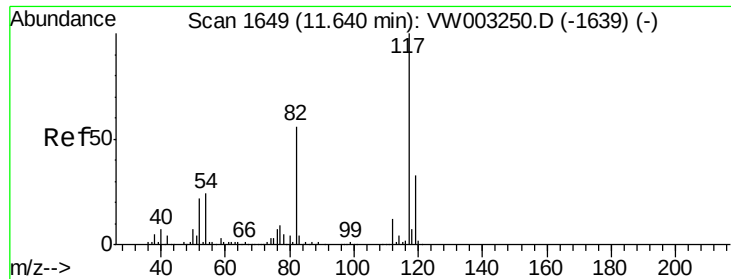
apatel
 7/2/2018 10:30:32 AM



#62
 4-Bromofluorobenzene
 Concen: 51.68 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.01 min
 Lab File: VW003660.D
 Acq: 29 Jun 2018 15:06

Tgt Ion	Ratio	Lower	Upper
95	100		
174	82.4	0.0	166.4
176	79.6	0.0	162.0





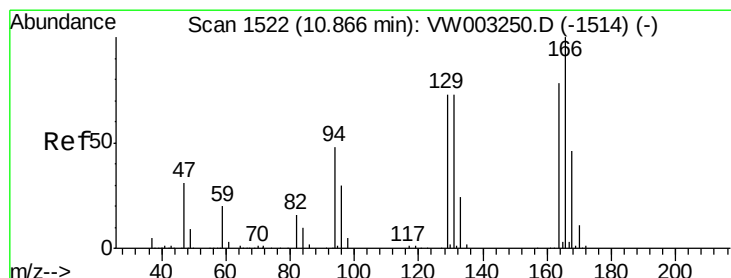
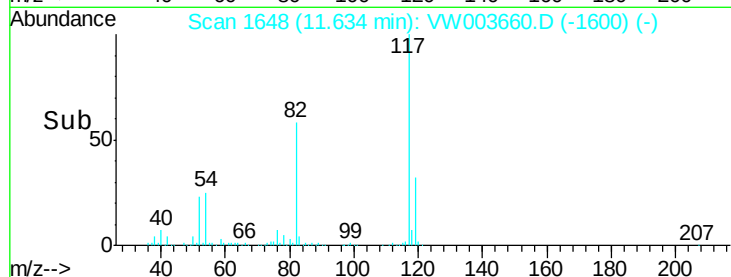
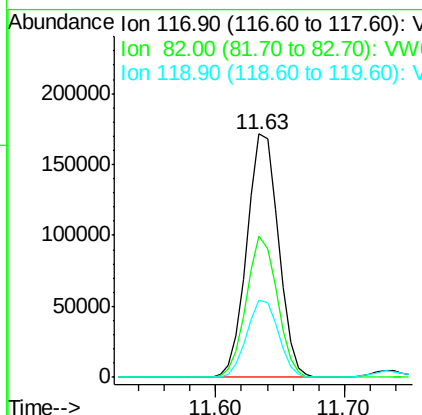
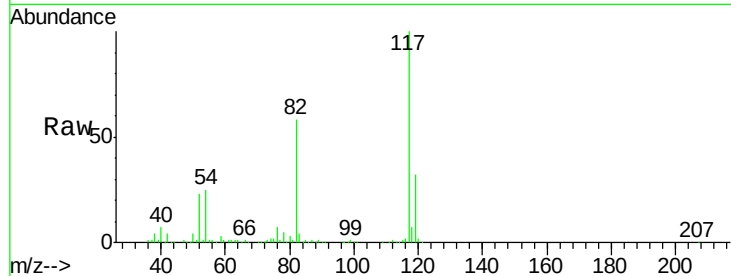
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW003660.D
Acq: 29 Jun 2018 15:06

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SCM-Precision-Bias-1

Tot Ion	Ratio	Resp	Lower	Upper
117	100	289838		
82	58.2		44.6	67.0
119	31.7		26.7	40.1

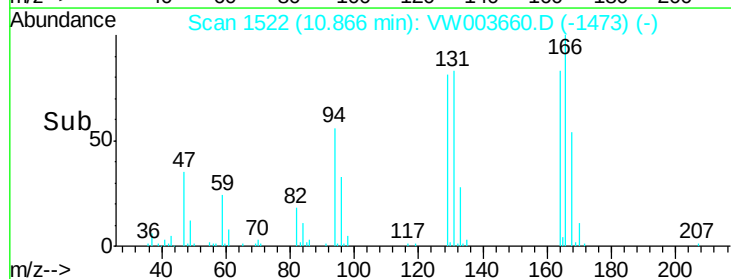
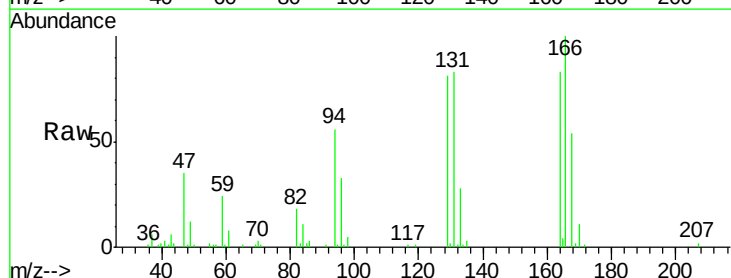
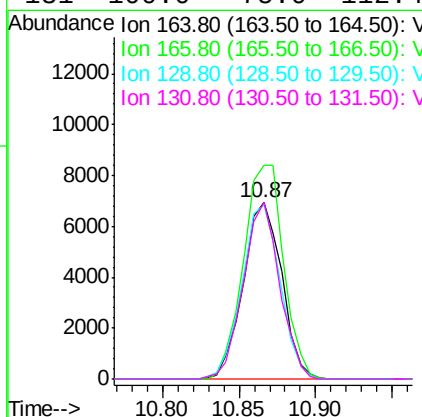
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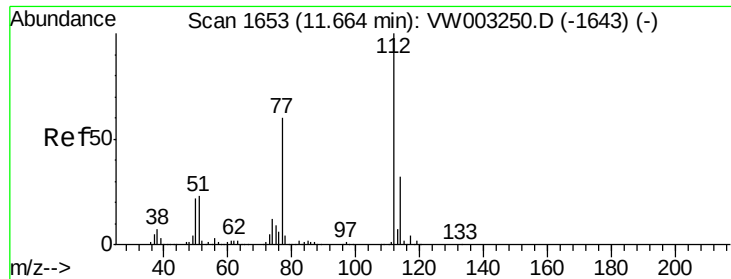
apatel
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#64
Tetrachloroethene
Concen: 6.27 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW003660.D
Acq: 29 Jun 2018 15:06

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	12162		
166	121.0		102.6	154.0
129	98.4		75.2	112.8
131	100.0		75.0	112.4





#65

Chlorobenzene

Concen: 6.05 ug/l

RT: 11.66 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VW003660.D

Acq: 29 Jun 2018 15:06

Instrument :

MSVOA_W

ClientSampleId :

LOQ-SCM-Precision-Bias-1

Tot Ion:112 Resp: 36523

Ion Ratio Lower Upper

112 100

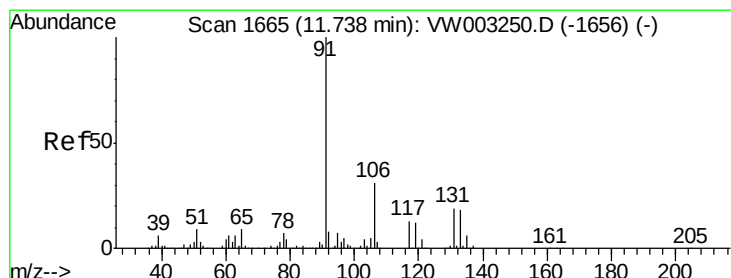
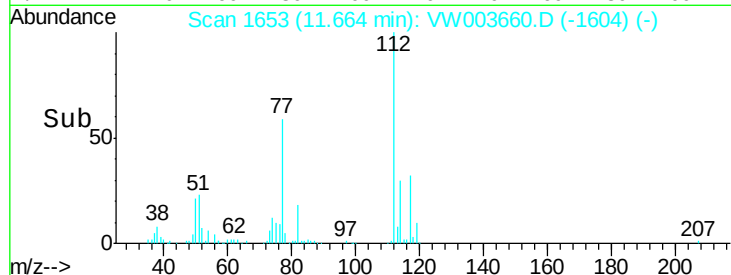
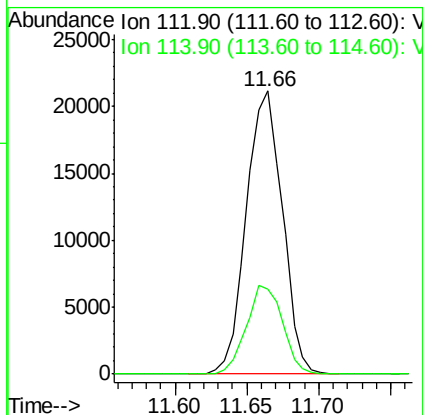
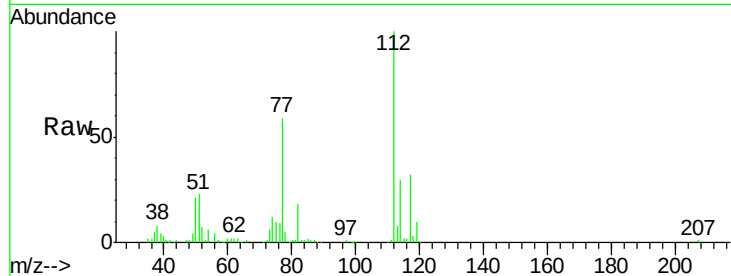
114 30.2 25.9 38.9

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#66

1,1,1,2-Tetrachloroethane

Concen: 5.75 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VW003660.D

Acq: 29 Jun 2018 15:06

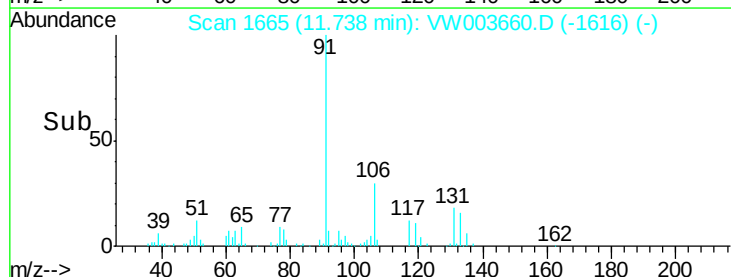
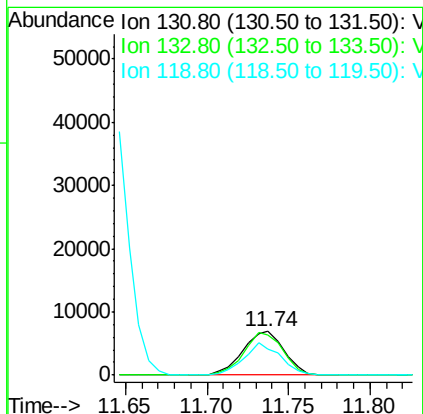
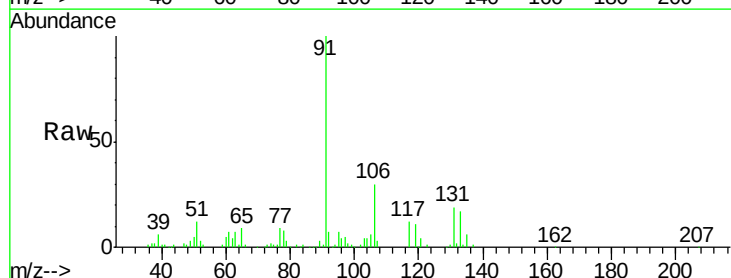
Tgt Ion:131 Resp: 12200

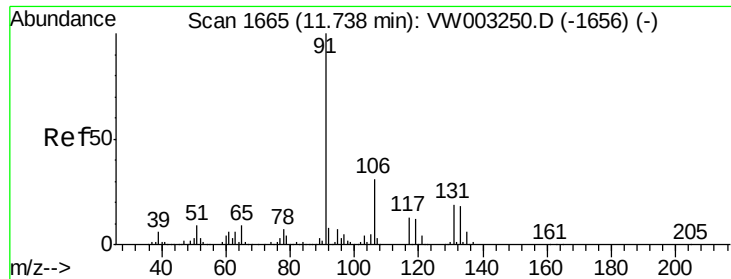
Ion Ratio Lower Upper

131 100

133 93.0 47.3 142.0

119 64.8 32.5 97.4





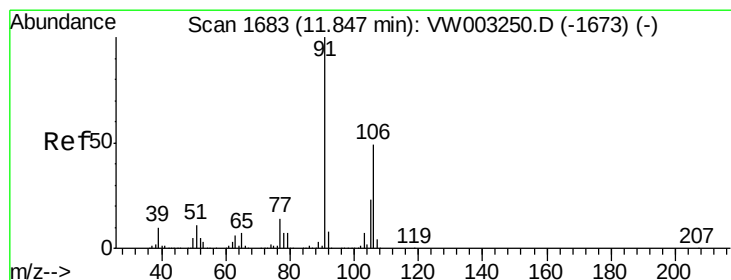
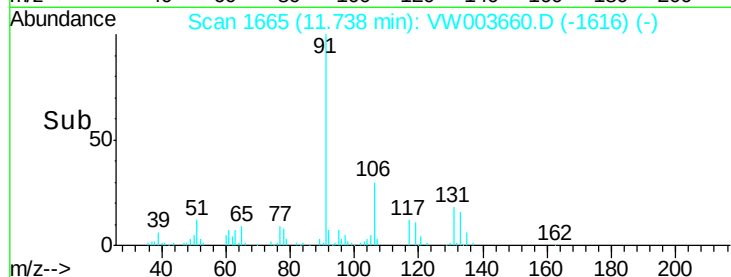
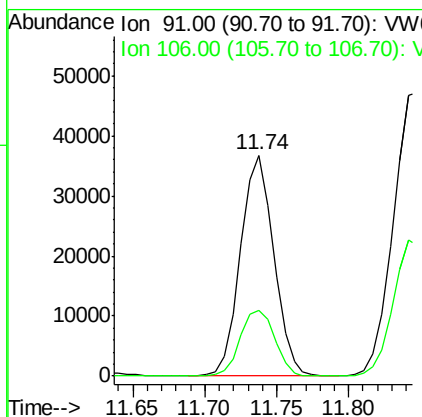
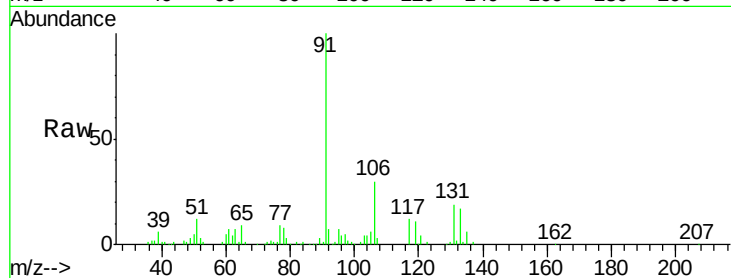
#67
Ethyl Benzene
Concen: 5.53 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003660.D
Acq: 29 Jun 2018 15:06

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SCM-Precision-Bias-1

Tot Ion: 91 Resp: 59199
Ion Ratio Lower Upper
91 100
106 29.9 24.7 37.1

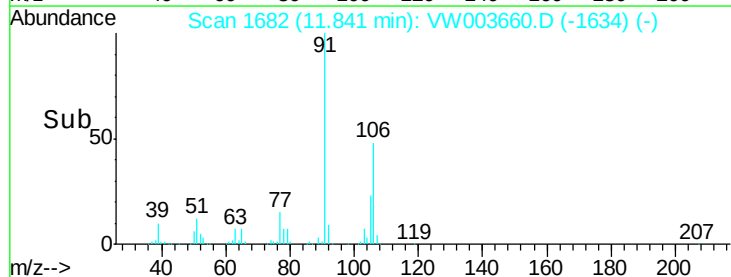
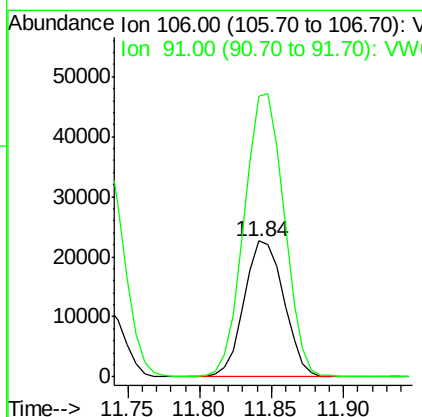
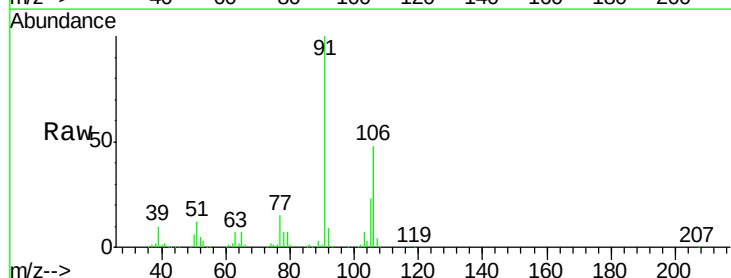
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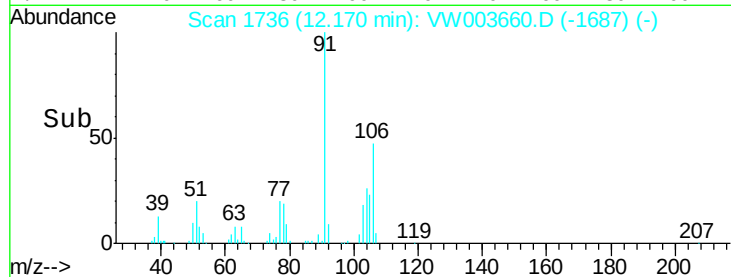
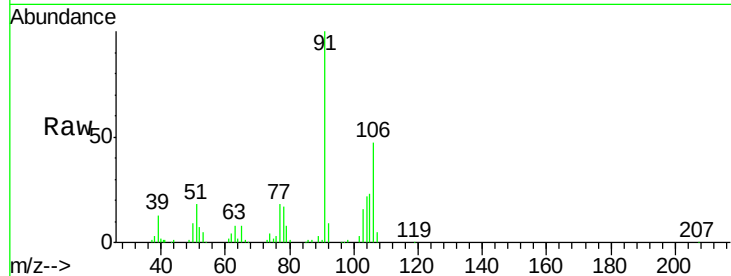
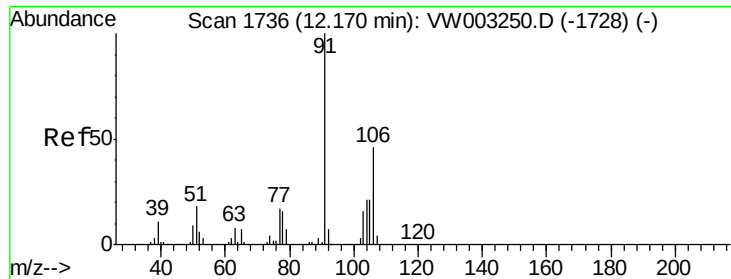
apatel
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#68
m/p-Xylenes
Concen: 10.66 ug/l
RT: 11.84 min Scan# 1682
Delta R.T. -0.01 min
Lab File: VW003660.D
Acq: 29 Jun 2018 15:06

Tgt Ion: 106 Resp: 43349
Ion Ratio Lower Upper
106 100
91 209.8 165.4 248.0





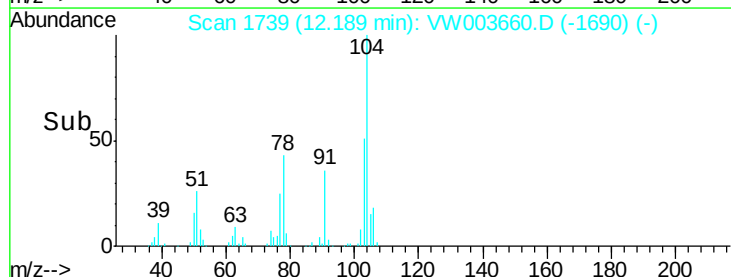
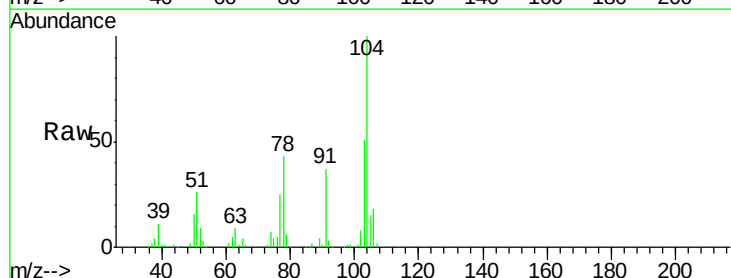
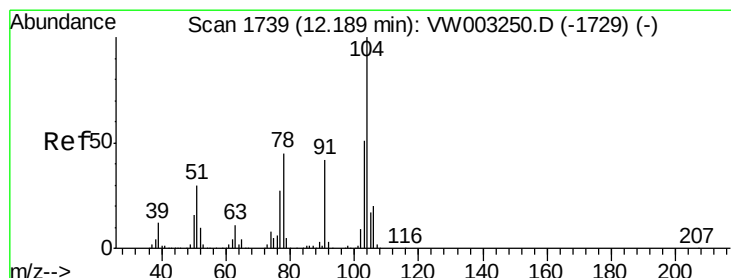
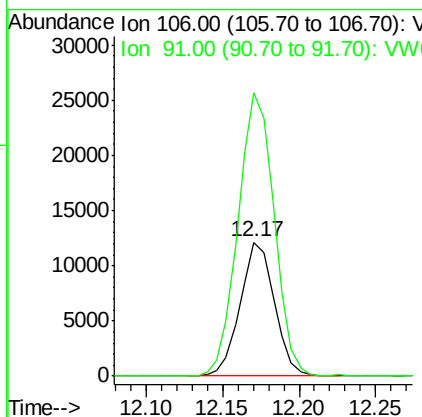
#69
o-Xylene
Concen: 5.02 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003660.D
Acq: 29 Jun 2018 15:06

Tot Ion:106 Resp: 18908
Ion Ratio Lower Upper
106 100
91 223.1 108.6 325.6

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SCM-Precision-Bias-1

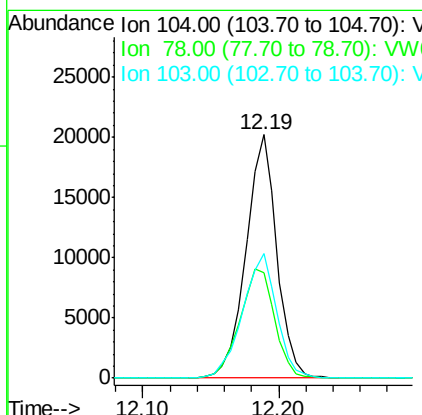
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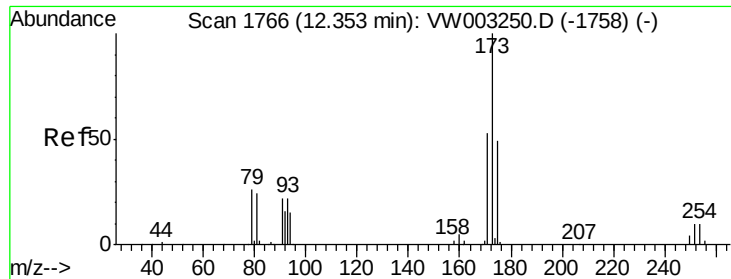
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#70
Styrene
Concen: 5.10 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VW003660.D
Acq: 29 Jun 2018 15:06

Tgt Ion:104 Resp: 32023
Ion Ratio Lower Upper
104 100
78 50.6 41.3 61.9
103 56.4 45.0 67.4





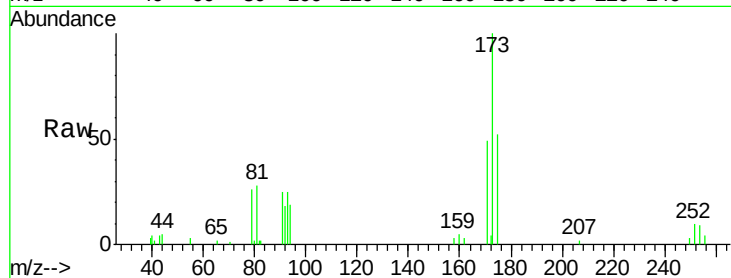
#71
Bromoform
Concen: 5.35 ug/l
RT: 12.35 min Scan# 1766
Delta R.T. 0.00 min
Lab File: VW003660.D
Acq: 29 Jun 2018 15:06

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SCM-Precision-Bias-1

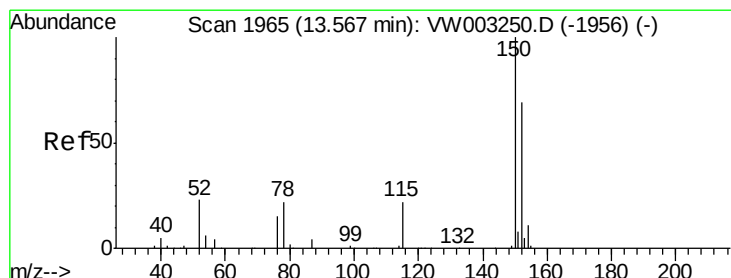
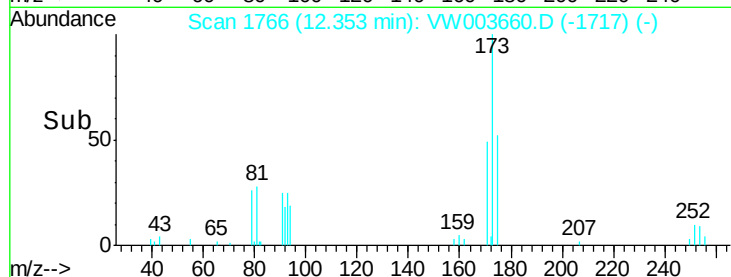
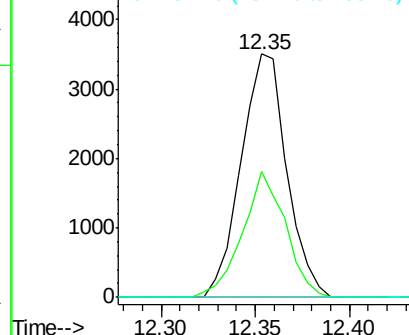
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.8	24.4	73.4
254	0.0	0.1	0.1#

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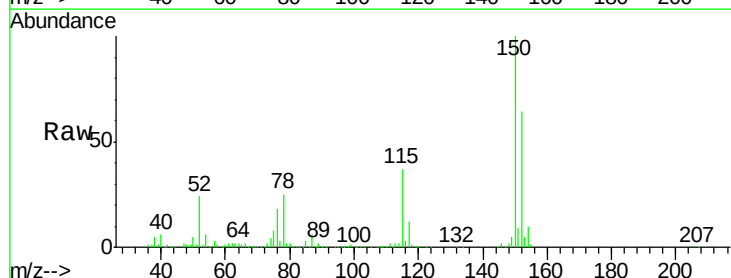


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

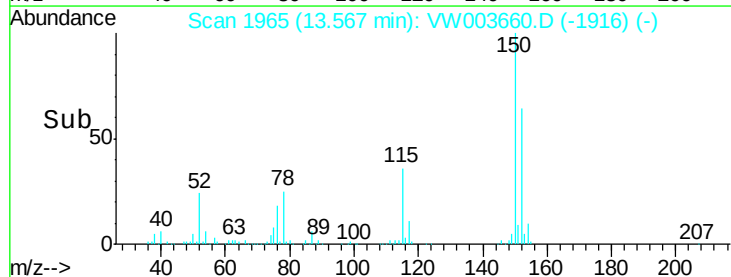
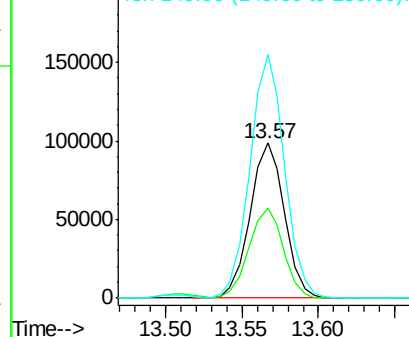


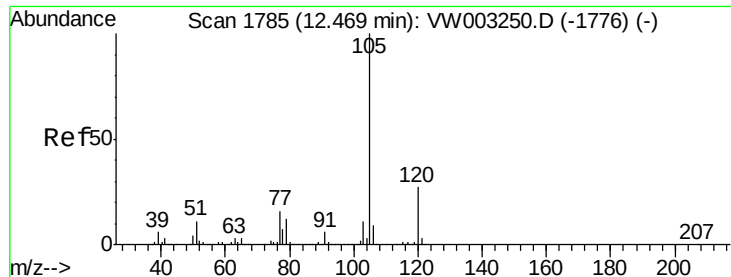
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW003660.D
Acq: 29 Jun 2018 15:06

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.3	29.3	88.0
150	158.4	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





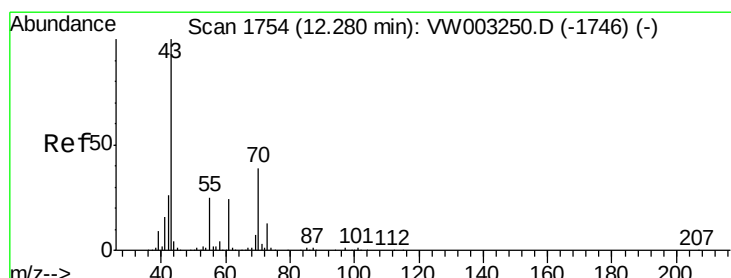
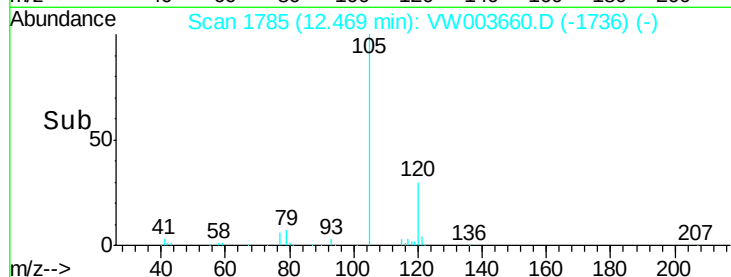
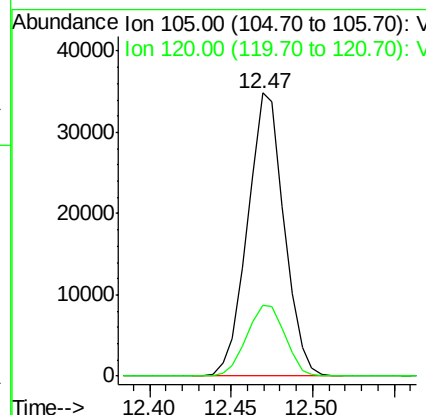
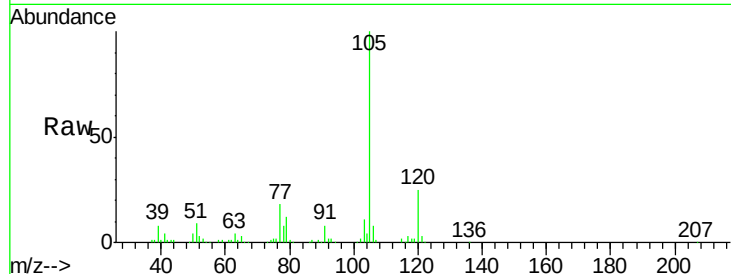
#73
Isopropylbenzene
Concen: 5.11 ug/l
RT: 12.47 min Scan# 1785
Delta R.T. 0.00 min
Lab File: VW003660.D
Acq: 29 Jun 2018 15:06

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SCM-Precision-Bias-1

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.4	13.2	39.6

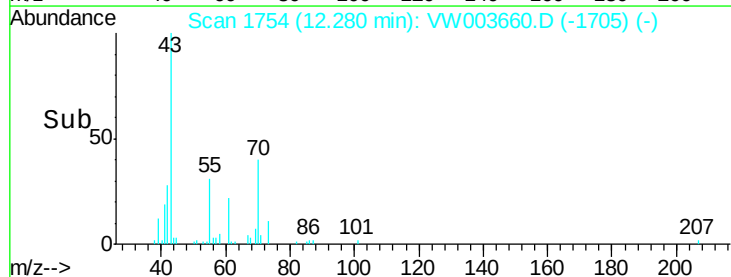
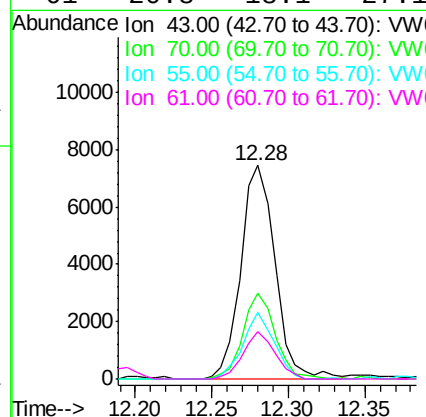
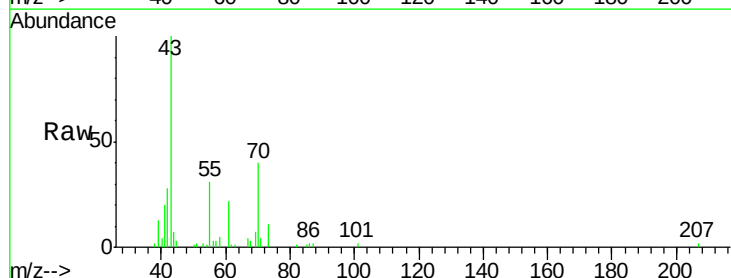
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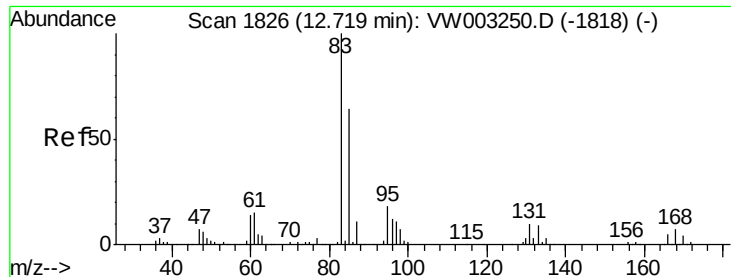
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#74
N-ethyl acetate
Concen: 4.78 ug/l
RT: 12.28 min Scan# 1754
Delta R.T. 0.00 min
Lab File: VW003660.D
Acq: 29 Jun 2018 15:06

Tgt Ion	Ratio	Lower	Upper
43	100		
70	38.1	31.0	46.6
55	28.3	19.7	29.5
61	20.8	18.1	27.1





#75

1,1,2,2-Tetrachloroethane

Concen: 5.73 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW003660.D

Acq: 29 Jun 2018 15:06

Instrument :

MSVOA_W

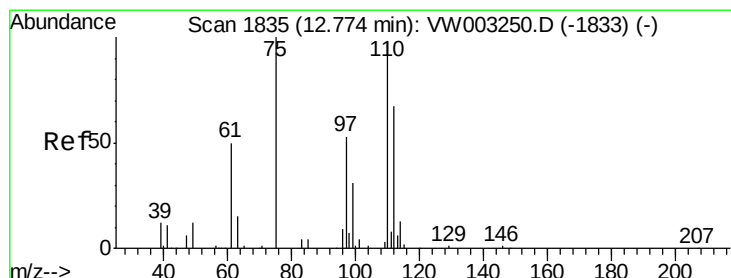
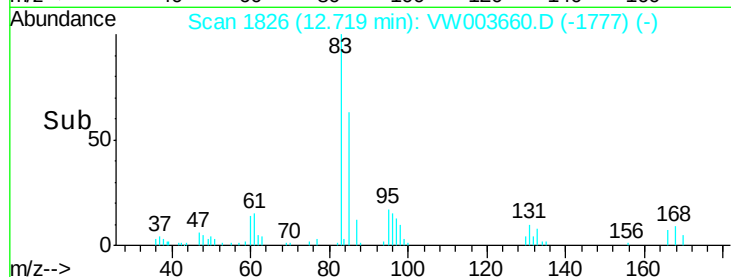
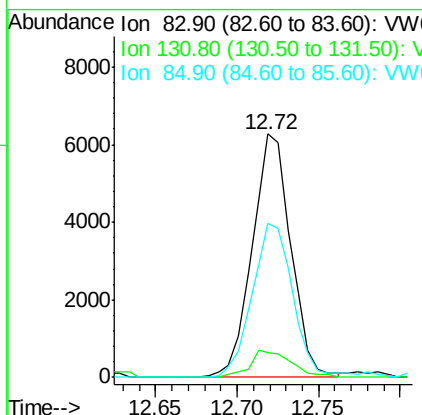
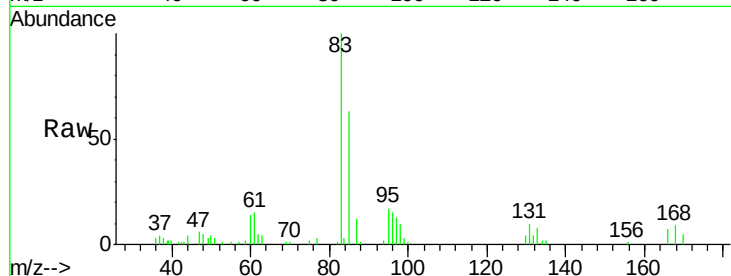
ClientSampleId :

LOQ-SCM-Precision-Bias-1

Tot Ion:	83	Resp:	10334
Ion	Ratio	Lower	Upper
83	100		
131	12.0	5.4	16.2
85	67.9	31.9	95.7

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#76

1,2,3-Trichloropropane

Concen: 6.20 ug/l m

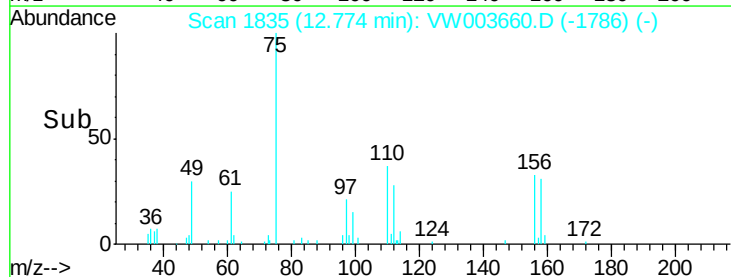
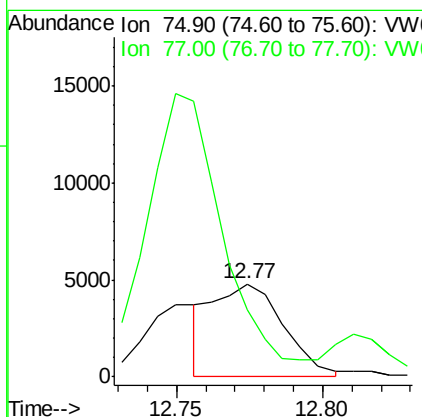
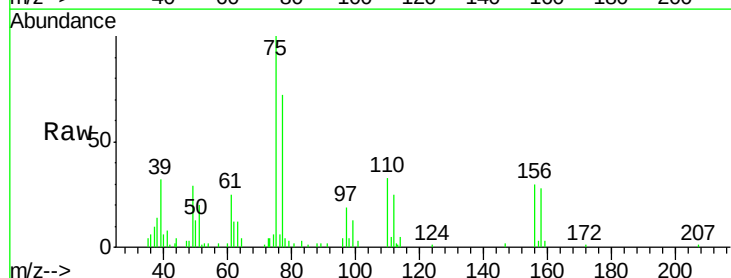
RT: 12.77 min Scan# 1835

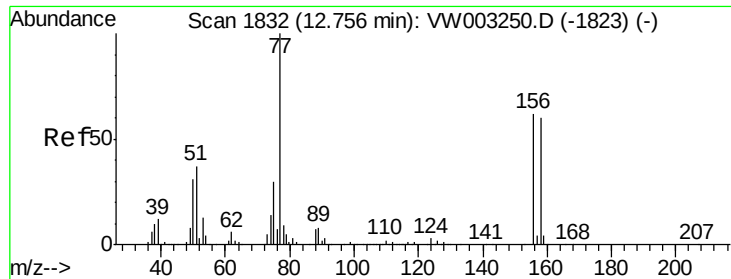
Delta R.T. 0.00 min

Lab File: VW003660.D

Acq: 29 Jun 2018 15:06

Tgt Ion:	75	Resp:	8132
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 5.65 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VW003660.D

Acq: 29 Jun 2018 15:06

Instrument :

MSVOA_W

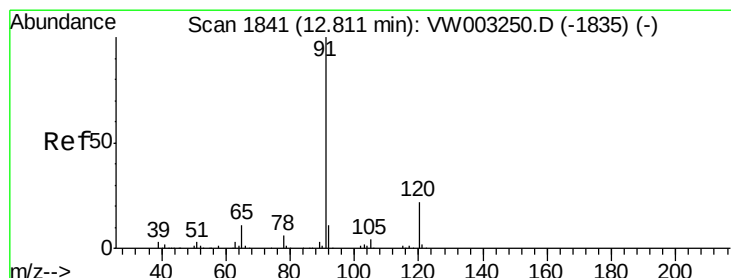
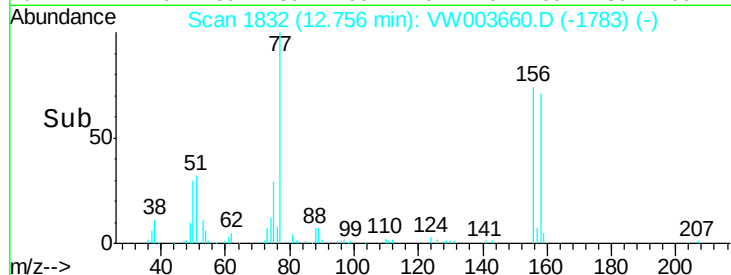
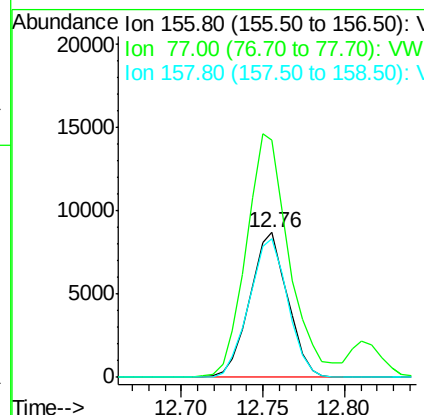
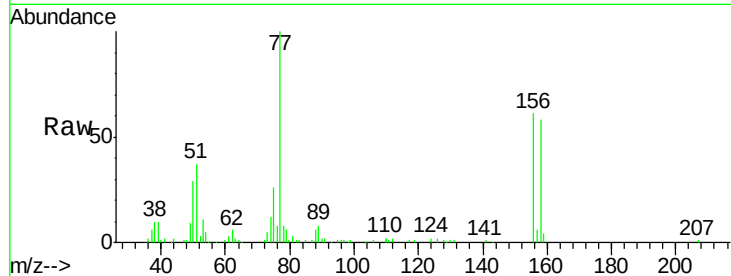
ClientSampleId :

LOQ-SCM-Precision-Bias-1

Tot Ion:	156	Resp:	14032
Ion Ratio	Lower	Upper	
156	100		
77	191.6	92.3	276.9
158	97.6	47.5	142.6

Manual Integrations
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#78

n-propylbenzene

Concen: 5.46 ug/l

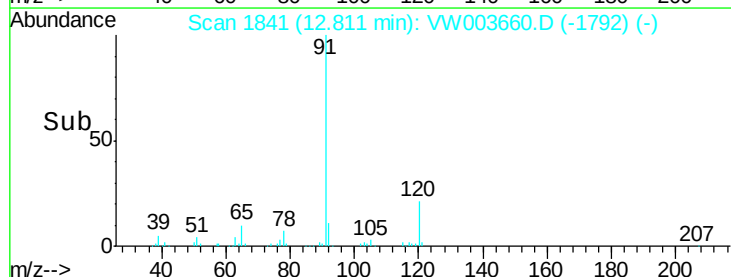
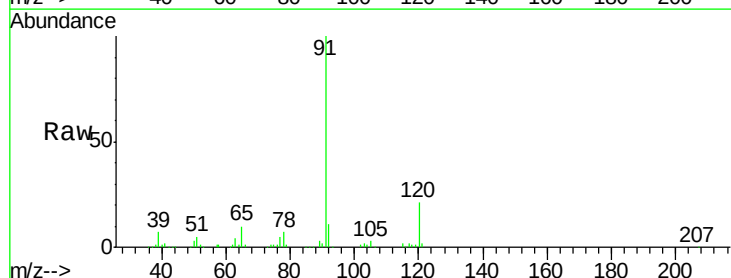
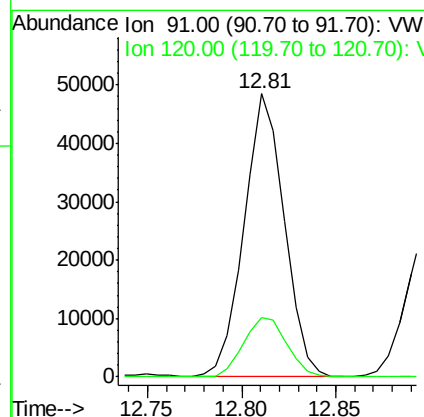
RT: 12.81 min Scan# 1841

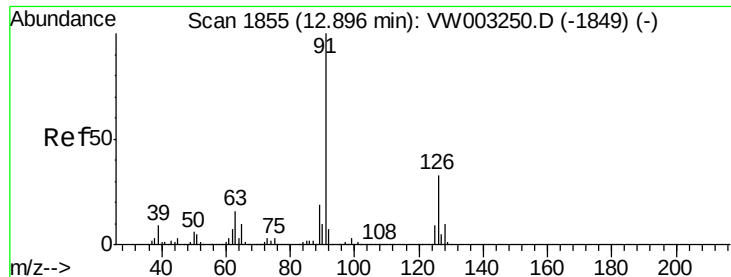
Delta R.T. 0.00 min

Lab File: VW003660.D

Acq: 29 Jun 2018 15:06

Tgt Ion:	91	Resp:	71259
Ion Ratio	Lower	Upper	
91	100		
120	22.6	11.3	33.8





#79

2-Chlorotoluene

Concen: 5.50 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW003660.D

Acq: 29 Jun 2018 15:06

Instrument :

MSVOA_W

ClientSampleId :

LOQ-SCM-Precision-Bias-1

Tot Ion: 91 Resp: 40631

Ion Ratio Lower Upper

91 100

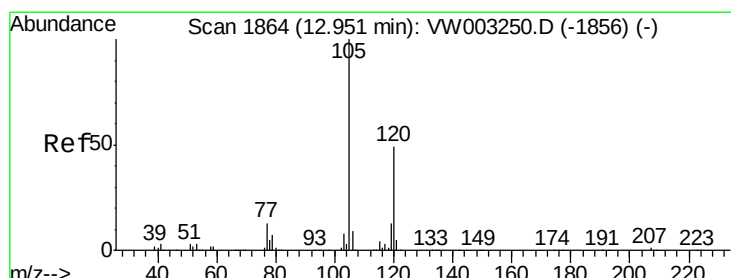
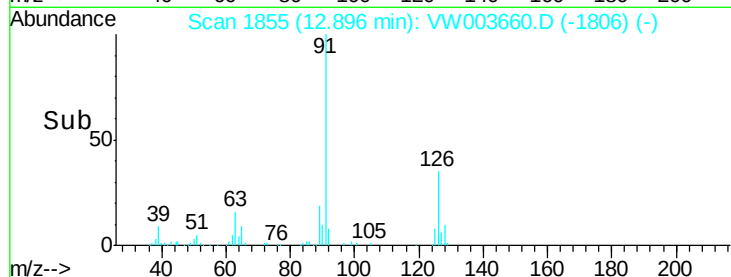
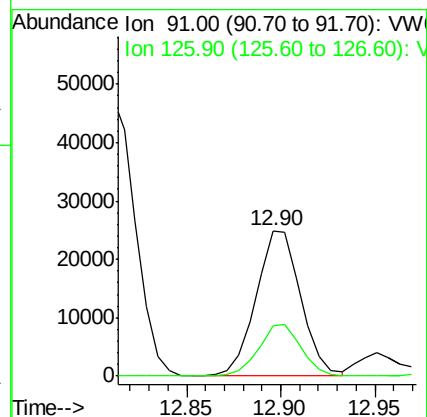
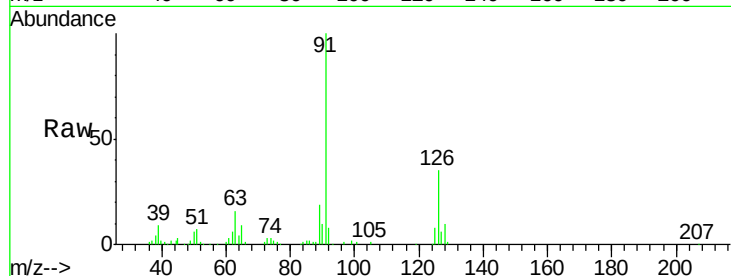
126 34.2 16.8 50.4

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 5.32 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW003660.D

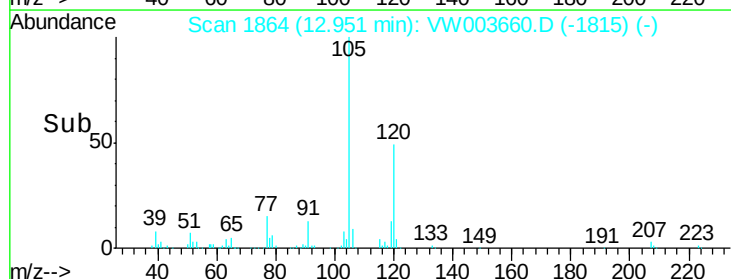
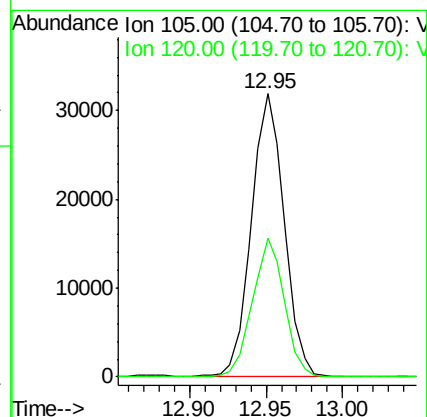
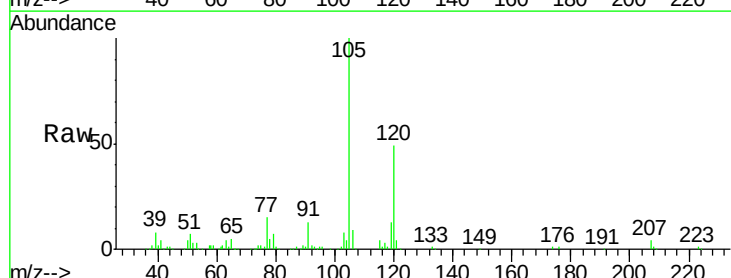
Acq: 29 Jun 2018 15:06

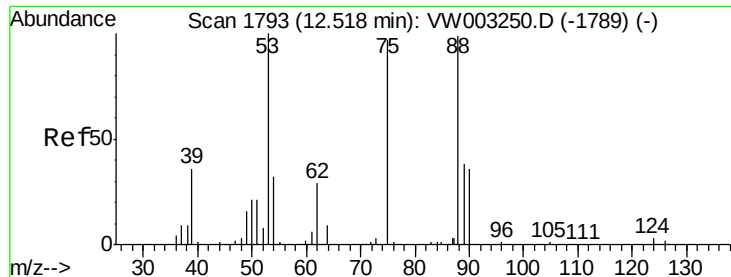
Tgt Ion:105 Resp: 47610

Ion Ratio Lower Upper

105 100

120 47.3 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 5.09 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VW003660.D

Acq: 29 Jun 2018 15:06

Instrument :

MSVOA_W

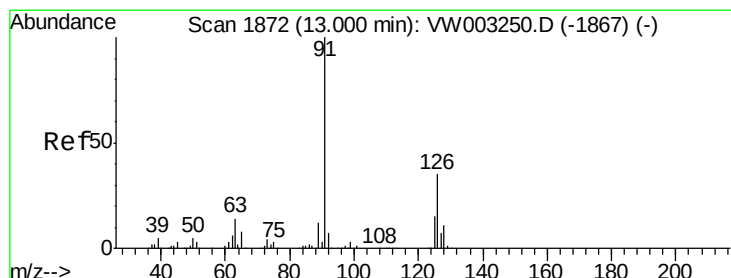
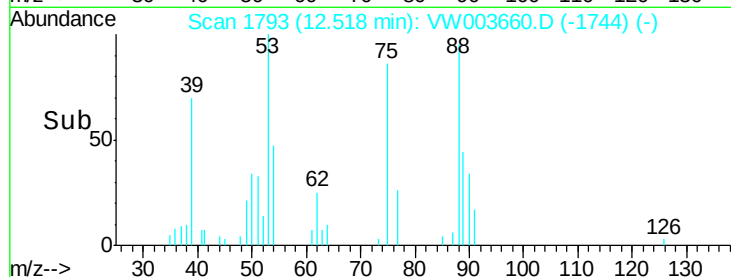
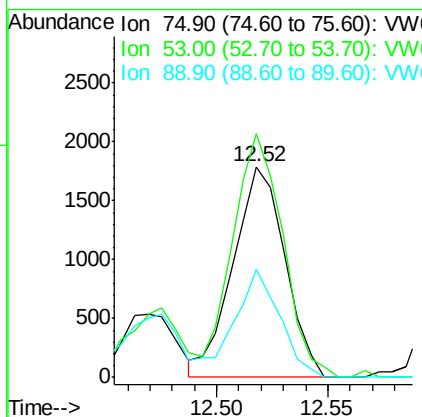
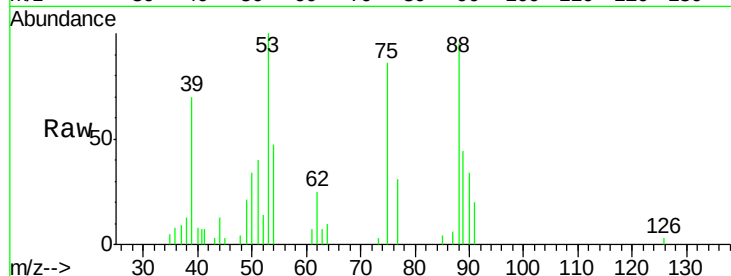
ClientSampleId :

LOQ-SCM-Precision-Bias-1

Tot Ion:	75	Resp:	2900
Ion	Ratio	Lower	Upper
75	100		
53	111.4	82.9	124.3
89	43.9	36.7	55.1

Manual Integrations
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#82

4-Chlorotoluene

Concen: 5.53 ug/l

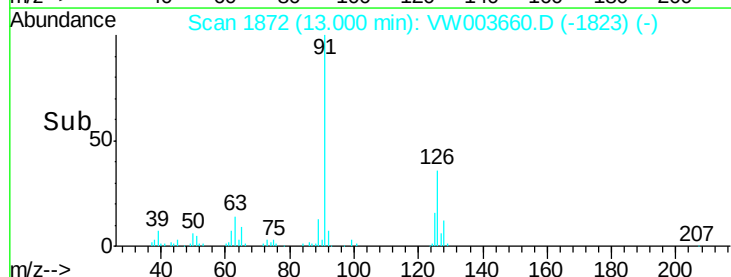
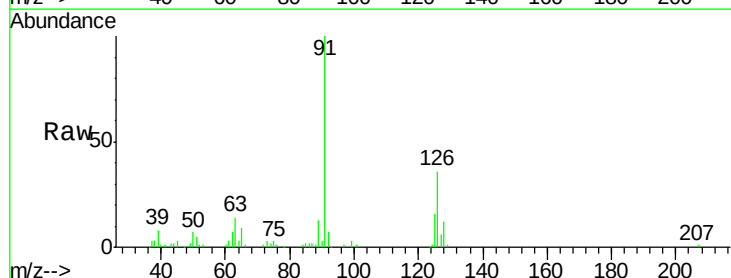
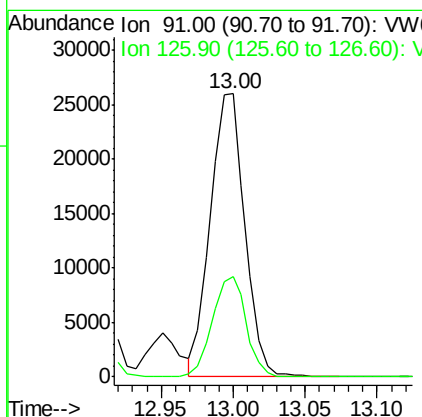
RT: 13.00 min Scan# 1872

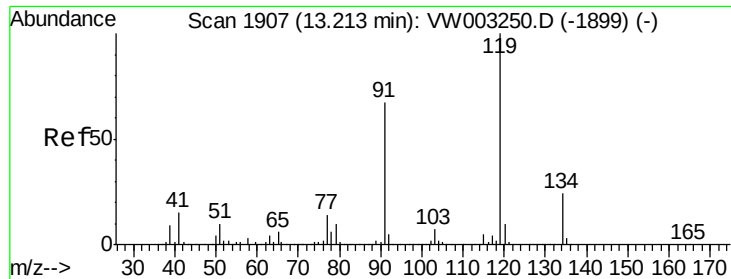
Delta R.T. 0.00 min

Lab File: VW003660.D

Acq: 29 Jun 2018 15:06

Tgt Ion:	91	Resp:	43288
Ion	Ratio	Lower	Upper
91	100		
126	34.9	16.8	50.3





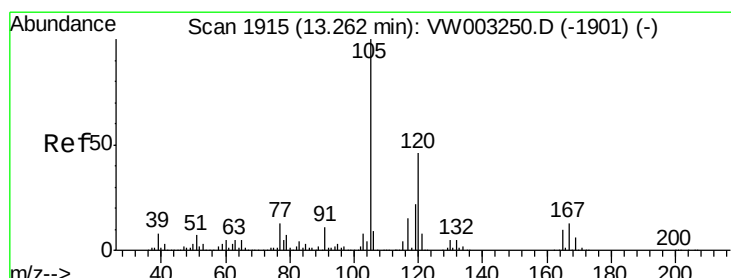
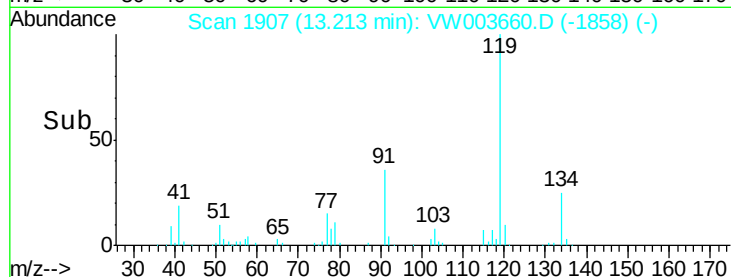
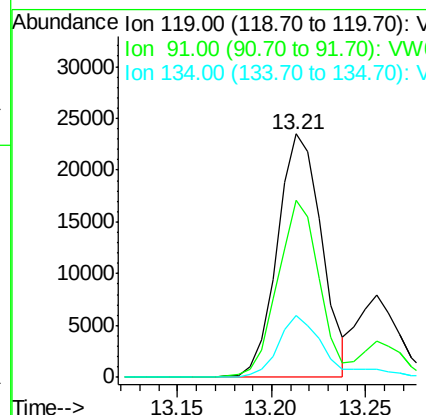
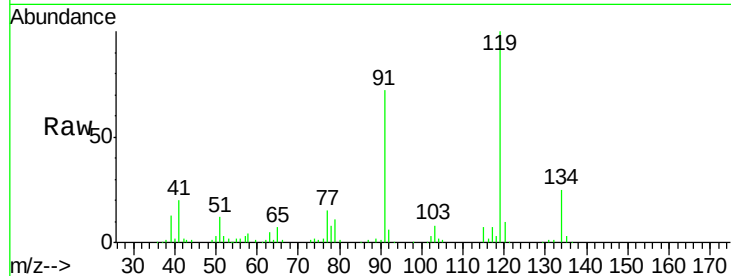
#83
 tert-Butylbenzene
 Concen: 5.03 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VW003660.D
 Acq: 29 Jun 2018 15:06

Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SCM-Precision-Bias-1

Tot Ion	Ratio	Lower	Upper
119	100		
91	69.2	33.9	101.7
134	27.3	13.4	40.1

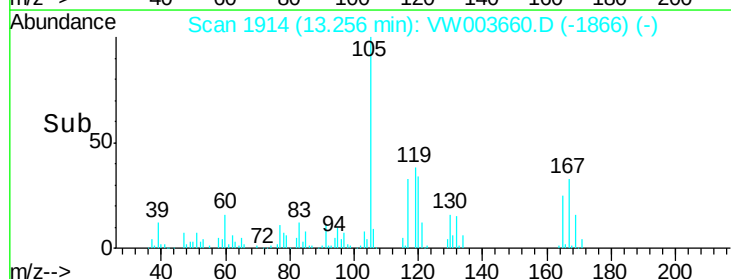
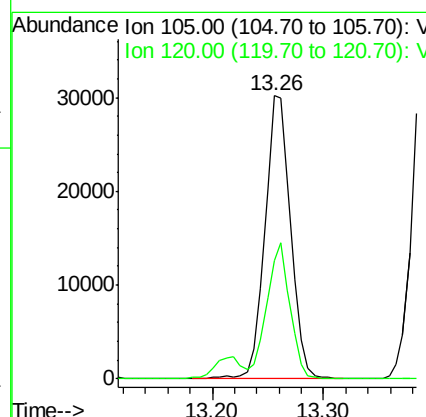
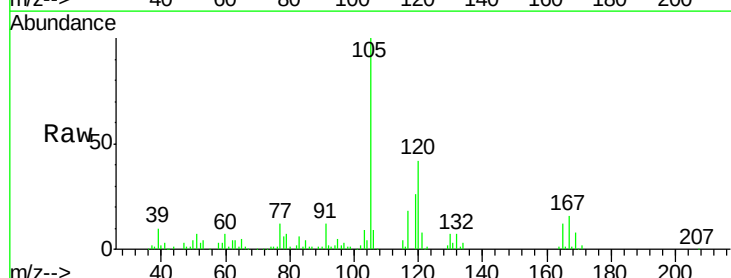
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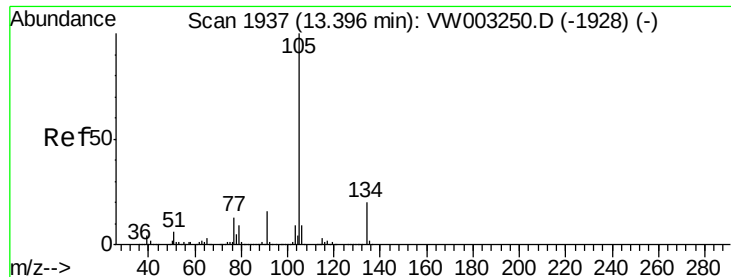
apatel
 7/2/2018 10:30:32 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 5.29 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. -0.01 min
 Lab File: VW003660.D
 Acq: 29 Jun 2018 15:06

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.7	22.5	67.5





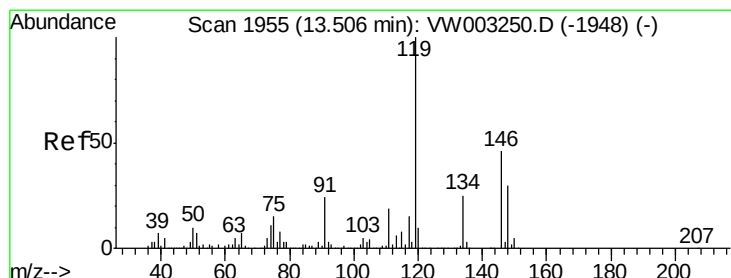
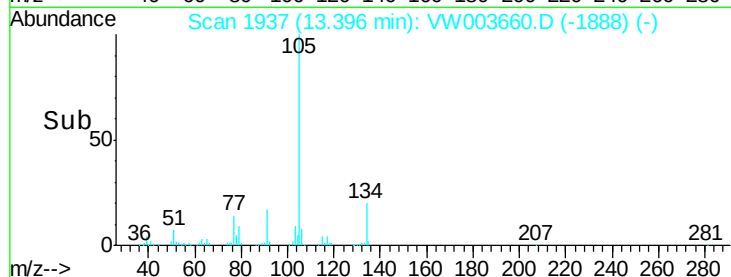
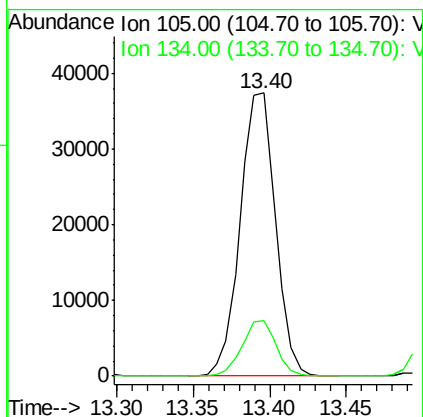
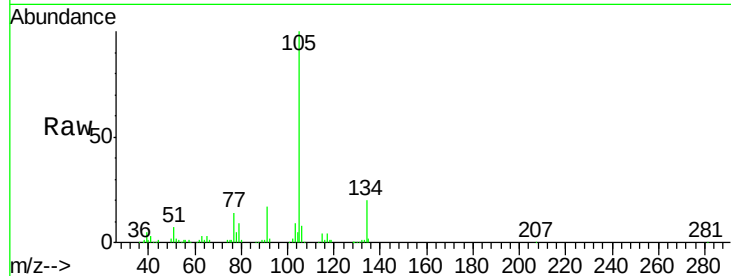
#85
 sec-Butylbenzene
 Concen: 5.29 ug/l
 RT: 13.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VW003660.D
 Acq: 29 Jun 2018 15:06

Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SCM-Precision-Bias-1

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.0	9.8	29.5

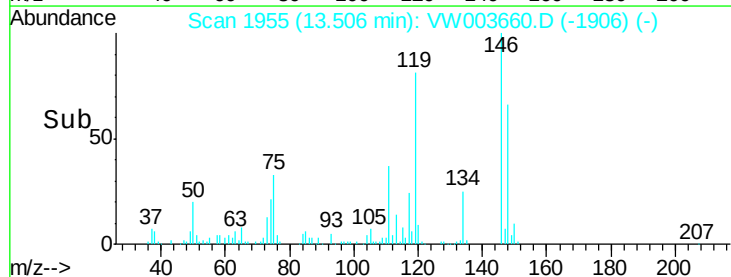
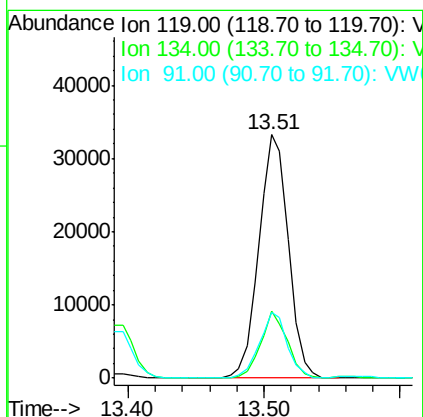
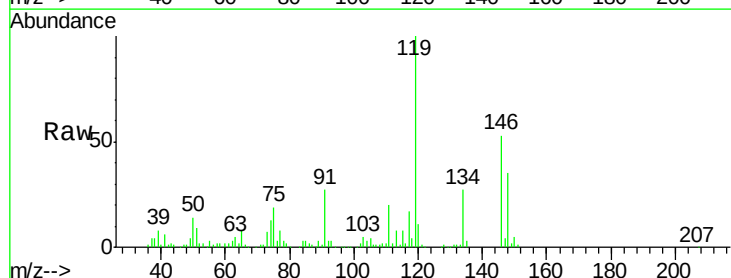
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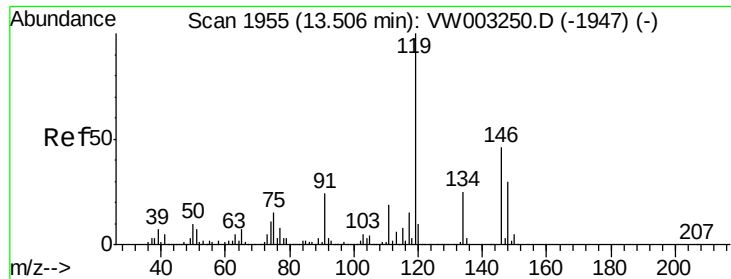
apatel
 7/2/2018 10:30:32 AM



#86
 p-Isopropyltoluene
 Concen: 5.06 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003660.D
 Acq: 29 Jun 2018 15:06

Tgt Ion	Ratio	Lower	Upper
119	100		
134	24.8	12.9	38.7
91	25.7	11.8	35.3





#87

1,3-Dichlorobenzene

Concen: 5.70 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW003660.D

Acq: 29 Jun 2018 15:06

Instrument :

MSVOA_W

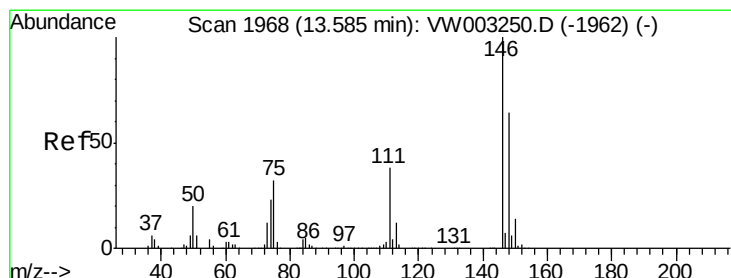
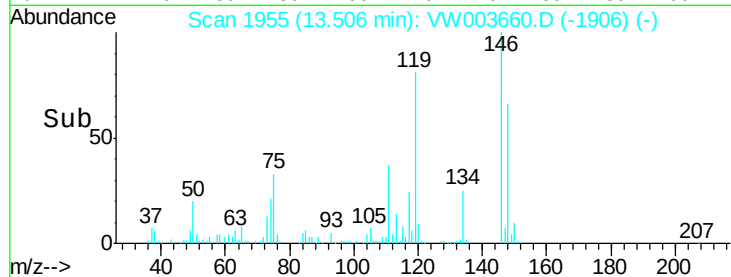
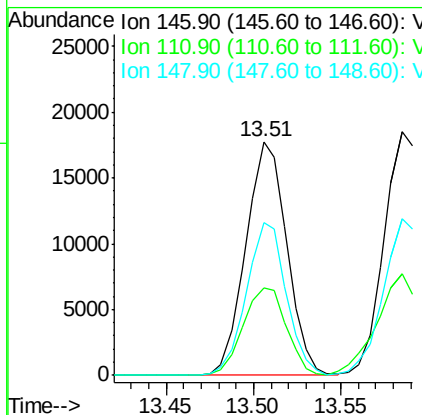
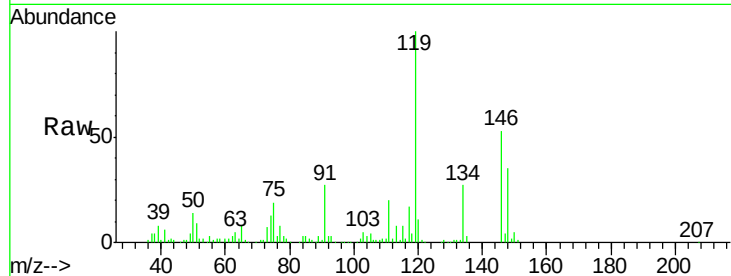
ClientSampleId :

LOQ-SCM-Precision-Bias-1

Tot Ion:	146	Resp:	29072
Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.8	59.4
148	63.3	32.1	96.5

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 5.89 ug/l

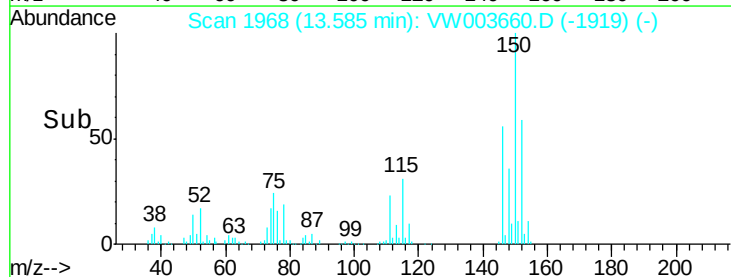
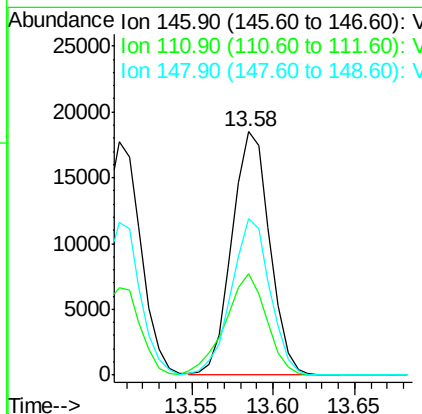
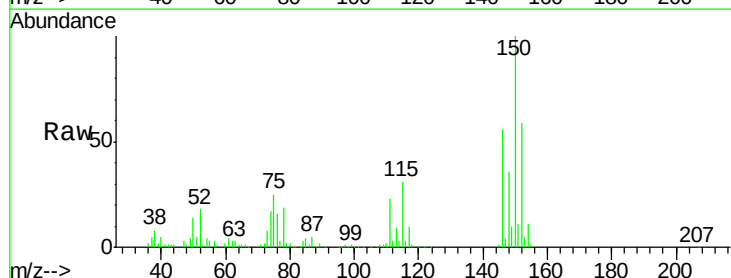
RT: 13.58 min Scan# 1968

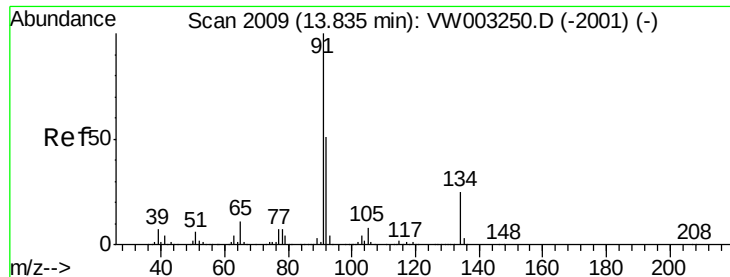
Delta R.T. 0.00 min

Lab File: VW003660.D

Acq: 29 Jun 2018 15:06

Tgt Ion:	146	Resp:	29878
Ion	Ratio	Lower	Upper
146	100		
111	45.6	19.2	57.6
148	65.8	31.8	95.4





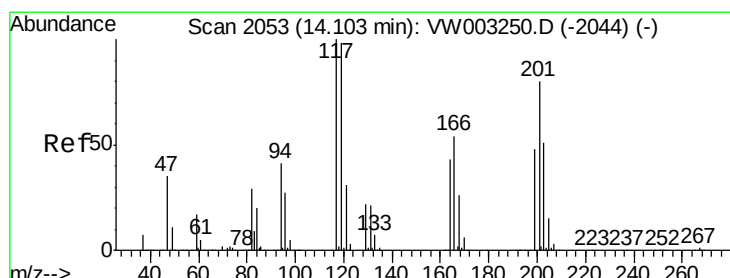
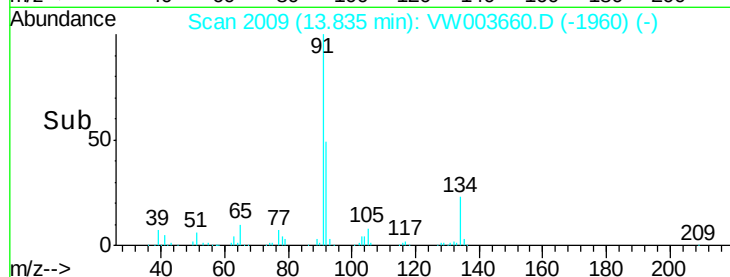
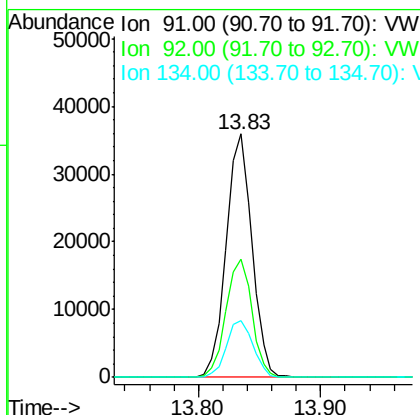
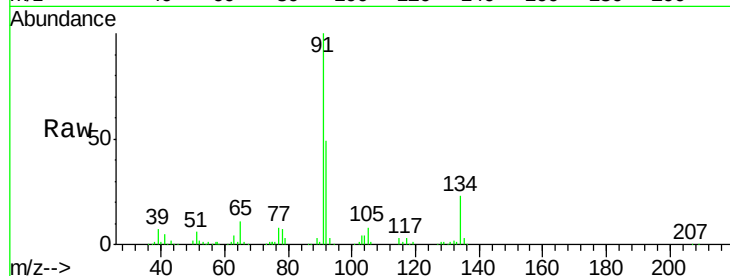
#89
n-Butylbenzene
Concen: 5.35 ug/l
RT: 13.83 min Scan# 2009
Delta R.T. 0.00 min
Lab File: VW003660.D
Acq: 29 Jun 2018 15:06

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SCM-Precision-Bias-1

Tot Ion	Ratio	Lower	Upper
91	100		
92	48.9	26.0	78.0
134	24.3	12.7	38.0

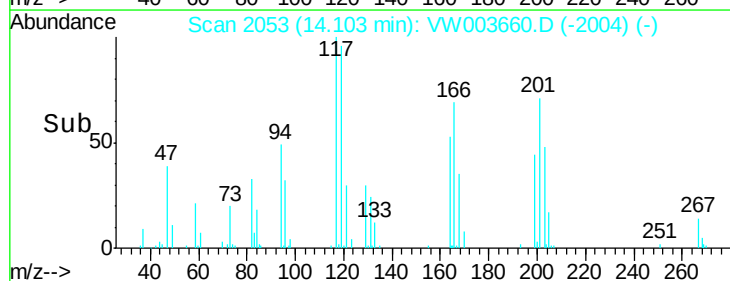
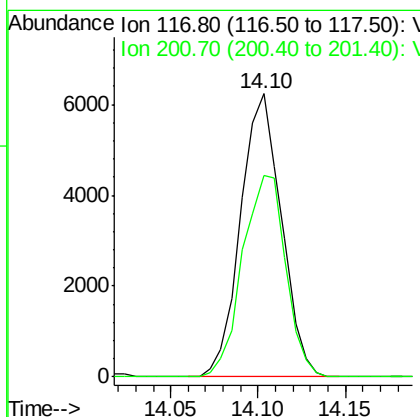
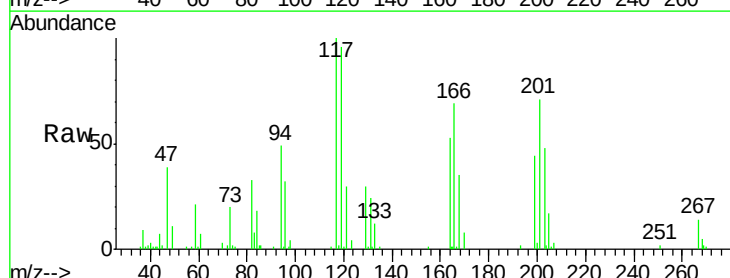
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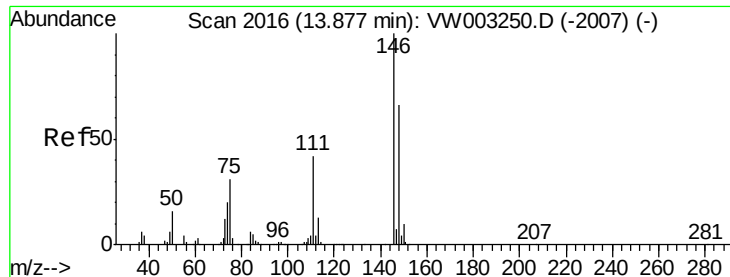
apatel
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#90
Hexachloroethane
Concen: 5.60 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.00 min
Lab File: VW003660.D
Acq: 29 Jun 2018 15:06

Tgt Ion	Ratio	Lower	Upper
117	100		
201	75.3	39.5	118.5





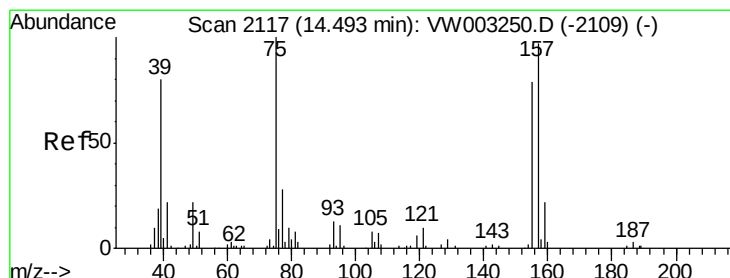
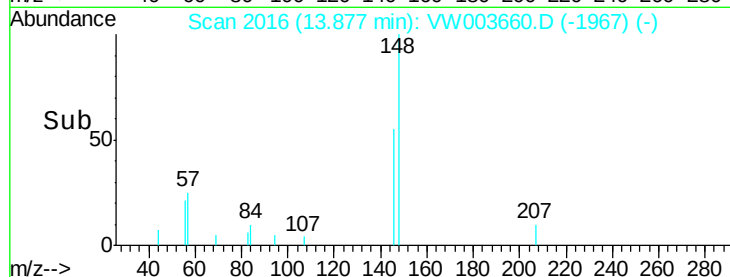
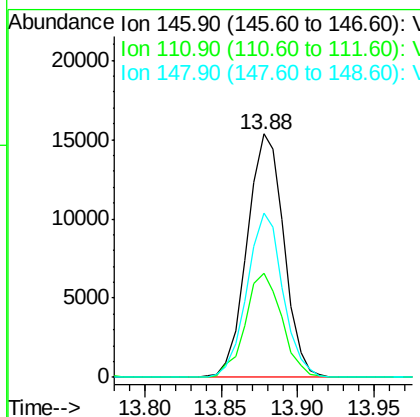
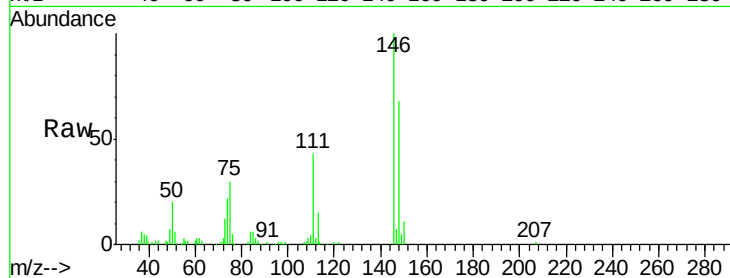
#91
 1,2-Dichlorobenzene
 Concen: 5.75 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW003660.D
 Acq: 29 Jun 2018 15:06

Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SCM-Precision-Bias-1

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.3	20.3	61.0
148	65.7	32.3	96.9

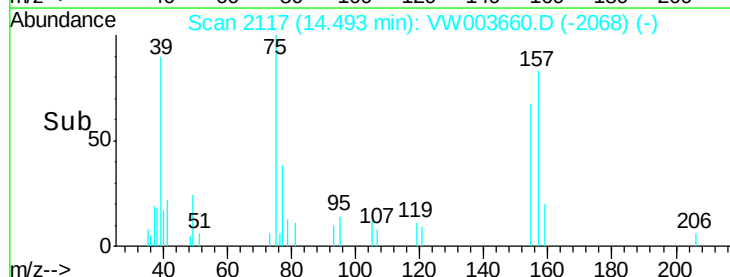
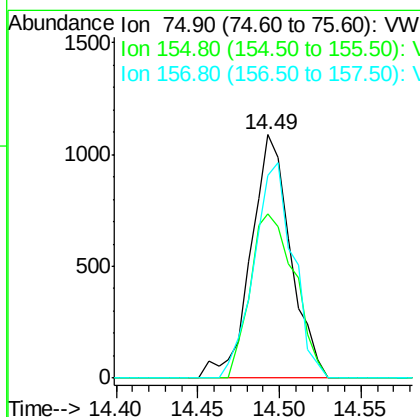
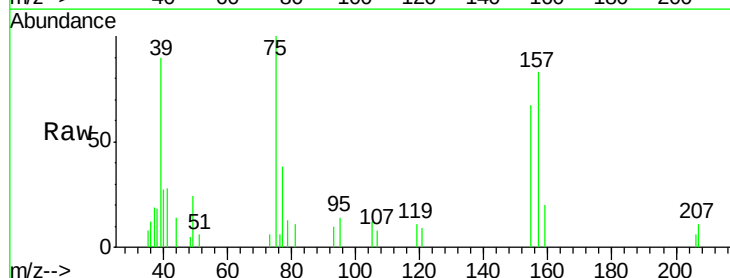
Manual Integrations
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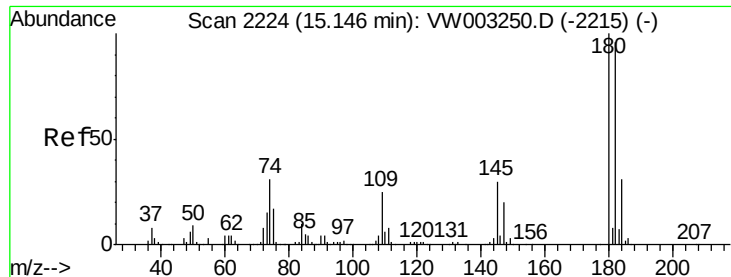
apatel
 7/2/2018 10:30:32 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 6.07 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW003660.D
 Acq: 29 Jun 2018 15:06

Tgt Ion	Ratio	Lower	Upper
75	100		
155	76.3	39.4	118.2
157	87.6	51.5	154.5





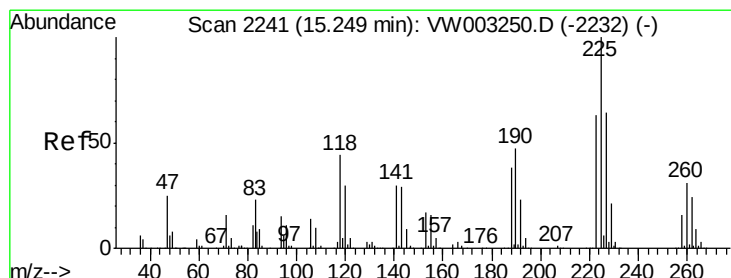
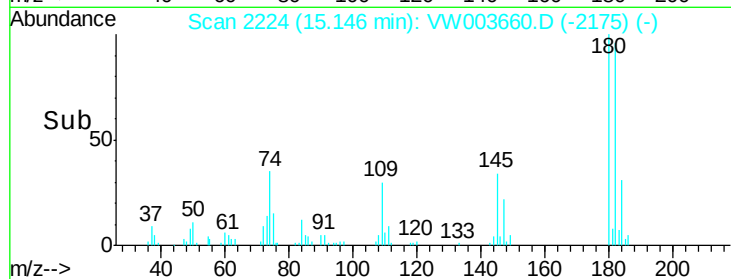
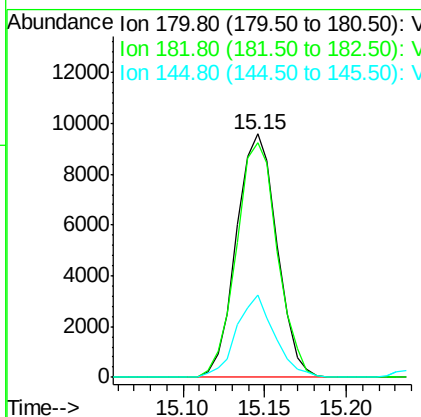
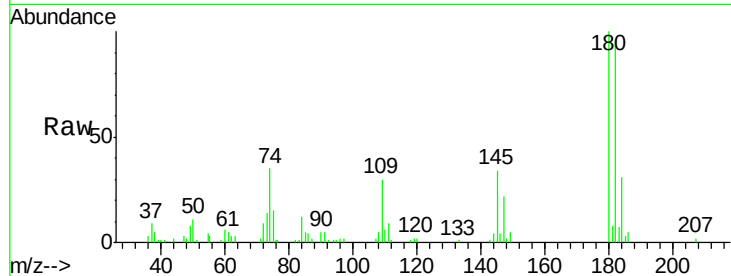
#93
1,2,4-Trichlorobenzene
Concen: 5.27 ug/l
RT: 15.15 min Scan# 2224
Delta R.T. -0.00 min
Lab File: VW003660.D
Acq: 29 Jun 2018 15:06

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SCM-Precision-Bias-1

Tot Ion	Ratio	Resp	Lower	Upper
180	100	16550		
182	97.9		47.9	143.6
145	31.9		15.2	45.5

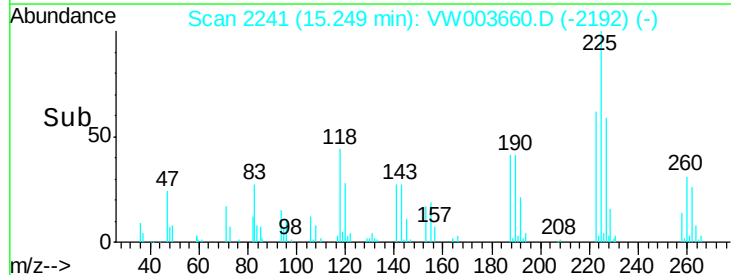
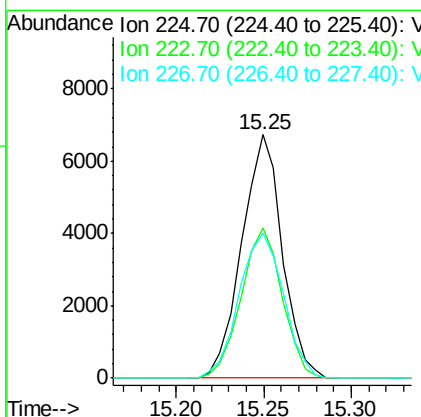
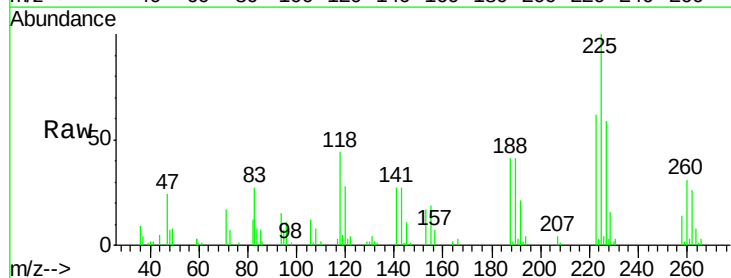
Manual Integrations
APPROVED

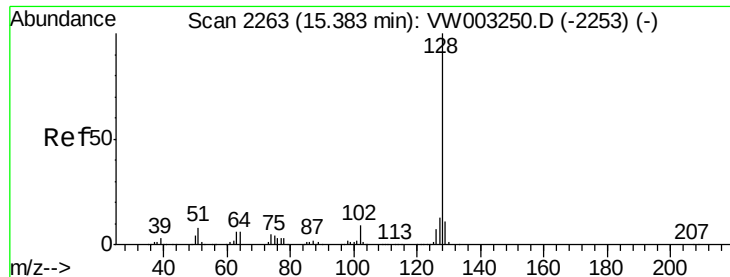
apatel
7/2/2018 10:30:32 AM



#94
Hexachlorobutadiene
Concen: 5.74 ug/l
RT: 15.25 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW003660.D
Acq: 29 Jun 2018 15:06

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	10834		
223	62.3		30.6	92.0
227	65.2		31.7	95.1





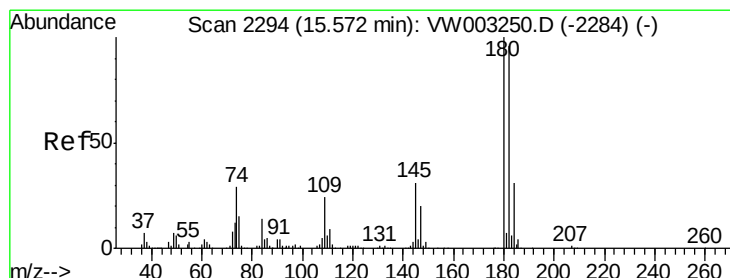
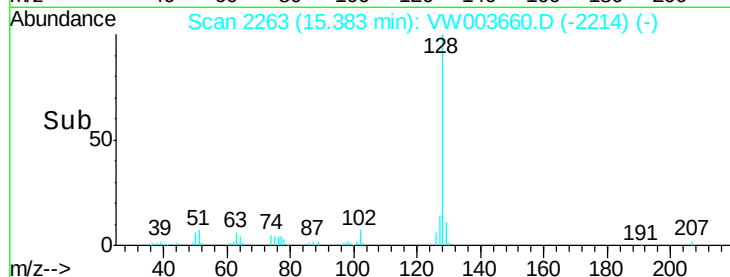
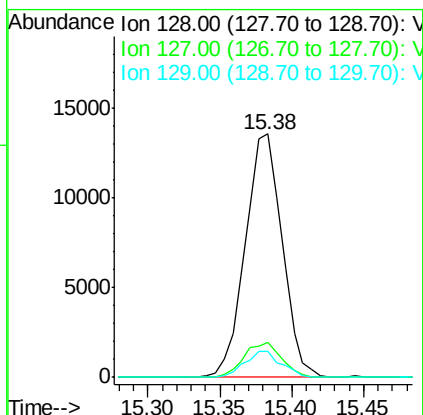
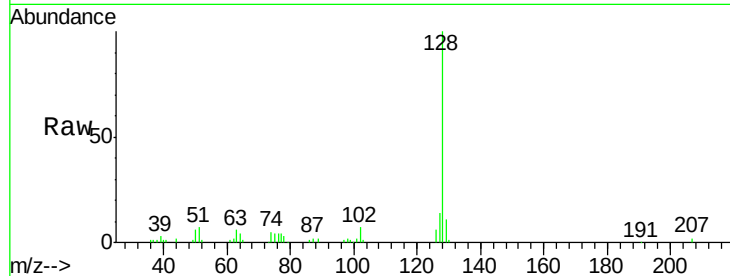
#95
Naphthalene
Concen: 4.51 ug/l
RT: 15.38 min Scan# 2263
Delta R.T. 0.00 min
Lab File: VW003660.D
Acq: 29 Jun 2018 15:06

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SCM-Precision-Bias-1

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.6	10.5	15.7
129	10.6	8.9	13.3

Manual Integrations
APPROVED

apatel
7/2/2018 10:30:32 AM



#96
1,2,3-Trichlorobenzene
Concen: 5.38 ug/l
RT: 15.57 min Scan# 2294
Delta R.T. 0.00 min
Lab File: VW003660.D
Acq: 29 Jun 2018 15:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.9	143.6
145	30.7	15.8	47.4

