

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062918\
 Data File : VW003661.D
 Acq On : 29 Jun 2018 15:32
 Operator : SY/AP
 Sample : J2923-02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SCM-Precision-Bias-2

Manual Integrations
 APPROVED

apatel
 7/2/2018 10:30:40 AM

Quant Time: Jun 30 04:33:44 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	193533	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	306430	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	287077	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	150728	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	117262	55.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.88%	
35) Dibromofluoromethane	7.88	113	102770	53.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.94%	
50) Toluene-d8	10.33	98	399638	52.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.86%	
62) 4-Bromofluorobenzene	12.63	95	143214	53.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	3792	6.48	ug/l	89
3) Chloromethane	2.20	50	9402	6.36	ug/l	98
4) Vinyl Chloride	2.36	62	13449	6.24	ug/l	99
5) Bromomethane	2.78	94	8118	5.67	ug/l	97
6) Chloroethane	2.93	64	7959	5.31	ug/l	96
7) Trichlorofluoromethane	3.25	101	8047	6.23	ug/l	90
8) Diethyl Ether	3.68	74	6164	6.50	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	4.06	101	10947	6.11	ug/l	98
10) Methyl Iodide	4.26	142	15825	5.84	ug/l	98
11) Tert butyl alcohol	5.23	59	3978	35.38	ug/l	99
12) 1,1-Dichloroethene	4.03	96	11063	6.31	ug/l	95
13) Acrolein	3.89	56	2918	18.15	ug/l	91
14) Allyl chloride	4.66	41	17920	5.91	ug/l	99
15) Acrylonitrile	5.39	53	11867	30.41	ug/l	99
16) Acetone	4.14	43	16658	37.89	ug/l #	89
17) Carbon Disulfide	4.37	76	33281	6.43	ug/l	97
18) Methyl Acetate	4.68	43	9725	9.32	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	18362	5.60	ug/l	99
20) Methylene Chloride	4.91	84	21083	8.22	ug/l	95
21) trans-1,2-Dichloroethene	5.41	96	11630	6.10	ug/l	89
22) Diisopropyl ether	6.32	45	31471	5.15	ug/l	93
23) Vinyl Acetate	6.26	43	78840	22.40	ug/l	98
24) 1,1-Dichloroethane	6.21	63	22097	6.09	ug/l	99
25) 2-Butanone	7.18	43	17221	31.50	ug/l	98
26) 2,2-Dichloropropane	7.17	77	15464	6.39	ug/l	94
27) cis-1,2-Dichloroethene	7.17	96	11538	5.51	ug/l	89
28) Bromochloromethane	7.51	49	9121	6.05	ug/l	97
29) Tetrahydrofuran	7.54	42	9346	27.97	ug/l	99
30) Chloroform	7.68	83	22057	5.97	ug/l	98
31) Cyclohexane	7.95	56	22544	6.66	ug/l #	87
32) 1,1,1-Trichloroethane	7.88	97	17799	5.84	ug/l	96
36) 1,1-Dichloropropene	8.08	75	17289	5.84	ug/l	98
37) Ethyl Acetate	7.26	43	7721	6.30	ug/l	99
38) Carbon Tetrachloride	8.07	117	16544	5.70	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	18379	5.37	ug/l	92
40) Benzene	8.32	78	49282	6.04	ug/l	98
41) Methacrylonitrile	7.49	41	4190	5.57	ug/l	97
42) 1,2-Dichloroethane	8.40	62	15398	6.03	ug/l	97
43) Isopropyl Acetate	8.43	43	13363	5.49	ug/l	94
44) Trichloroethene	9.09	130	12875	5.96	ug/l	92
45) 1,2-Dichloropropane	9.38	63	12398	5.97	ug/l	93
46) Dibromomethane	9.46	93	6290	5.92	ug/l	99
47) Bromodichloromethane	9.65	83	15773	5.79	ug/l	96
48) Methyl methacrylate	9.45	41	5994	5.24	ug/l	97
49) 1,4-Dioxane	9.48	88	1775	110.56	ug/l #	1
51) 4-Methyl-2-Pentanone	10.22	43	34363	27.70	ug/l	97
52) Toluene	10.39	92	31313	5.99	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	14815	5.32	ug/l	93
54) cis-1,3-Dichloropropene	10.08	75	16956	5.35	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	8368	5.58	ug/l	97
56) Ethyl methacrylate	10.65	69	9109	5.01	ug/l	96
57) 1,3-Dichloropropane	10.94	76	15259	5.90	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	21121	25.89	ug/l	98
59) 2-Hexanone	10.98	43	23188	26.76	ug/l	98
60) Dibromochloromethane	11.13	129	9607	5.39	ug/l	97
61) 1,2-Dibromoethane	11.24	107	7811	5.51	ug/l	97
64) Tetrachloroethene	10.87	164	11422	5.95	ug/l	98
65) Chlorobenzene	11.66	112	33824	5.66	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.74	131	11463	5.46	ug/l	97
67) Ethyl Benzene	11.74	91	54597	5.15	ug/l	96
68) m/p-Xylenes	11.85	106	41029	10.19	ug/l	98
69) o-Xylene	12.17	106	18229	4.88	ug/l	99
70) Styrene	12.19	104	29118	4.69	ug/l	97
71) Bromoform	12.35	173	5340	4.90	ug/l #	97
73) Isopropylbenzene	12.47	105	49623	4.73	ug/l	98
74) N-amyl acetate	12.28	43	11756	4.93	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	10493	5.92	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	6989m	5.42	ug/l	
77) Bromobenzene	12.75	156	13239	5.42	ug/l	96
78) n-propylbenzene	12.81	91	67853	5.29	ug/l	99
79) 2-Chlorotoluene	12.90	91	37856	5.22	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	44582	5.07	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	2792	4.99	ug/l	92
82) 4-Chlorotoluene	12.99	91	40932	5.32	ug/l	100
83) tert-Butylbenzene	13.21	119	35875	4.78	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	45212	4.99	ug/l	99
85) sec-Butylbenzene	13.39	105	54944	4.93	ug/l	99
86) p-Isopropyltoluene	13.51	119	47899	4.87	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	27159	5.41	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	28393	5.69	ug/l	94
89) n-Butylbenzene	13.83	91	48291	5.04	ug/l	98
90) Hexachloroethane	14.10	117	10052	5.65	ug/l	96
91) 1,2-Dichlorobenzene	13.88	146	24468	5.57	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	1822	6.10	ug/l	92

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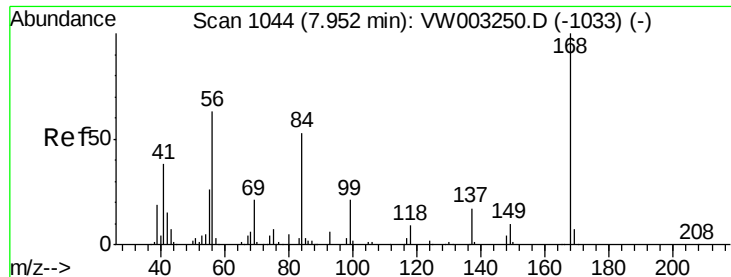
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	16357	5.30	ug/l	98
94) Hexachlorobutadiene	15.25	225	10167	5.48	ug/l	98
95) Naphthalene	15.38	128	23752	4.54	ug/l	98
96) 1,2,3-Trichlorobenzene	15.57	180	13989	5.15	ug/l	96

(#) = 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: VW003661.D

Acq: 29 Jun 2018 15:32

Instrument :

MSVOA_W

ClientSampleId :

LOQ-SCM-Precision-Bias-2

Tot Ion:168 Resp: 193533

Ion Ratio Lower Upper

168 100

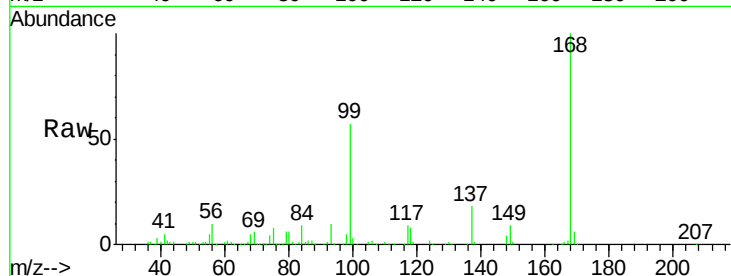
99 56.8 45.5 68.3

Manual Integrations

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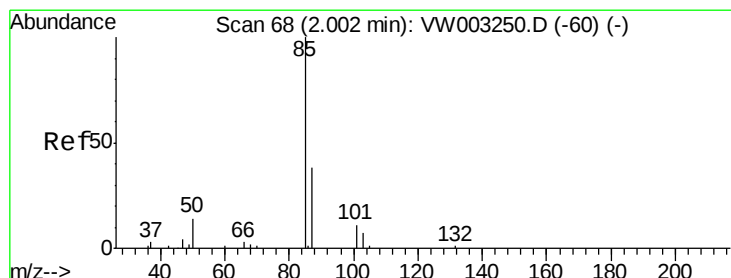
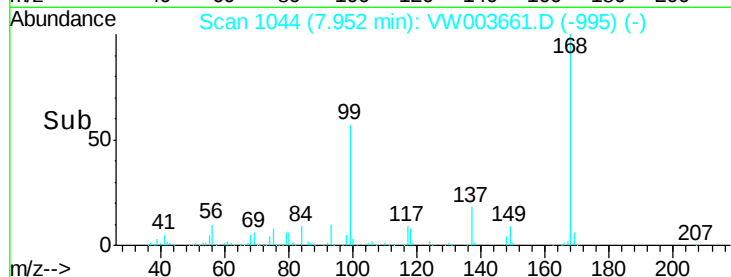
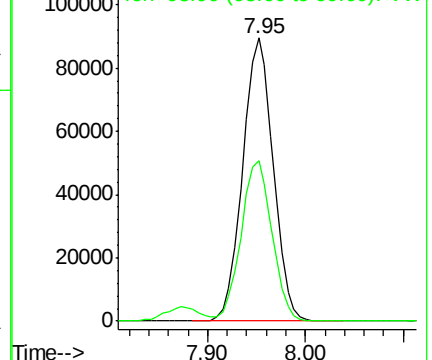
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 6.48 ug/l

RT: 2.01 min Scan# 69

Delta R.T. 0.01 min

Lab File: VW003661.D

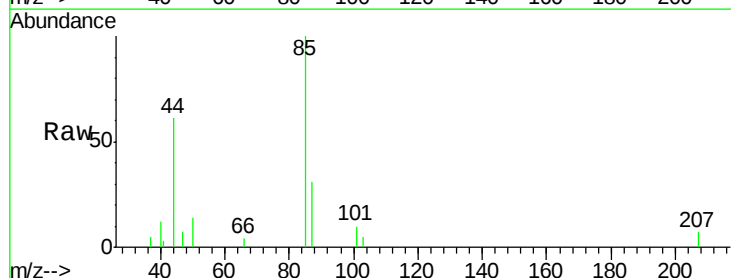
Acq: 29 Jun 2018 15:32

Tgt Ion: 85 Resp: 3792

Ion Ratio Lower Upper

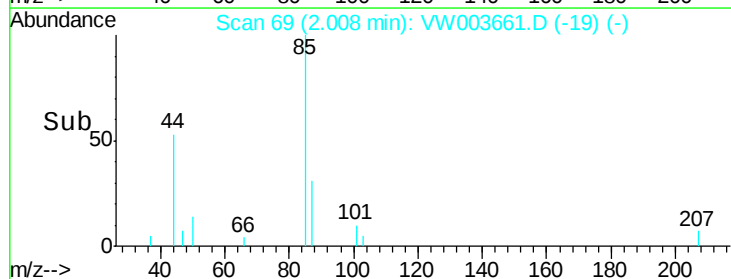
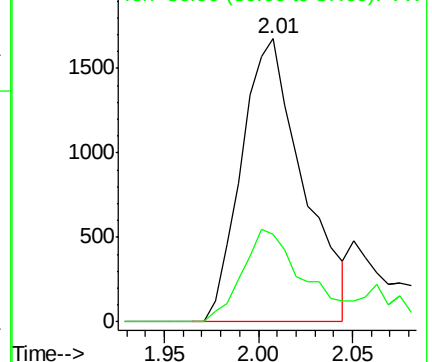
85 100

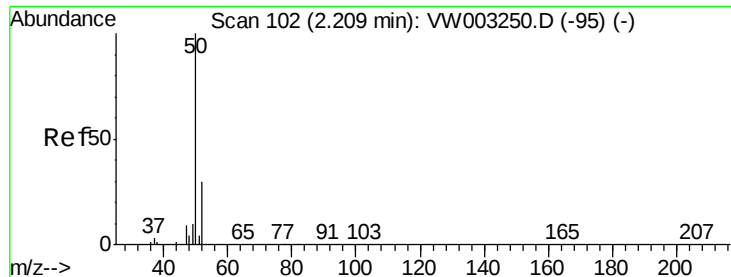
87 30.9 18.9 56.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 6.36 ug/l

RT: 2.20 min Scan# 101

Delta R.T. -0.01 min

Lab File: VW003661.D

Acq: 29 Jun 2018 15:32

Instrument :

MSVOA_W

ClientSampleId :

LOQ-SCM-Precision-Bias-2

Tot Ion: 50 Resp: 9402

Ion Ratio Lower Upper

50 100

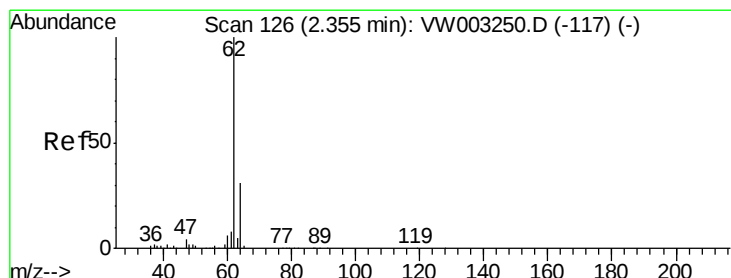
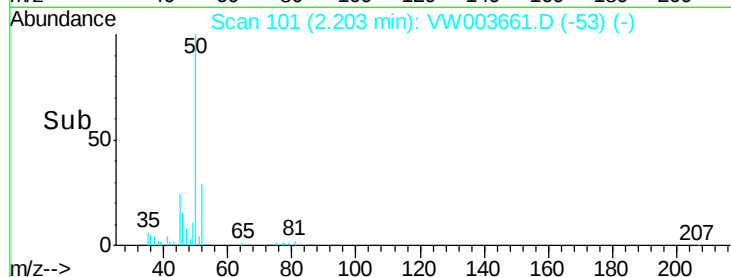
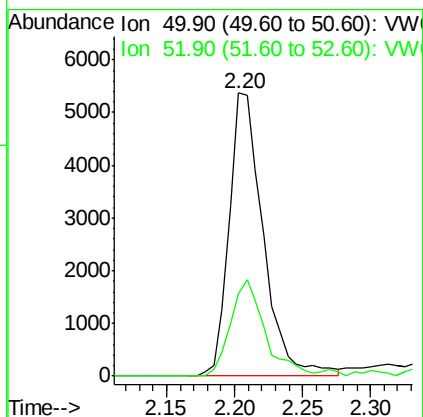
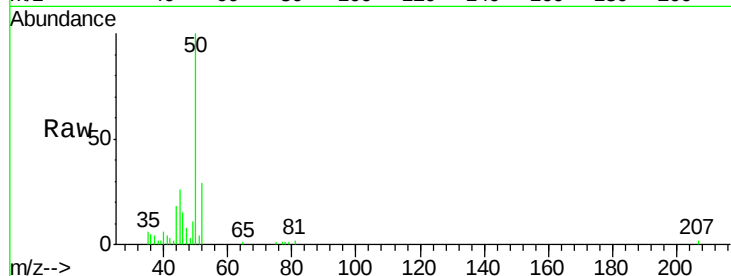
52 29.2 24.2 36.2

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#4

Vinyl Chloride

Concen: 6.24 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW003661.D

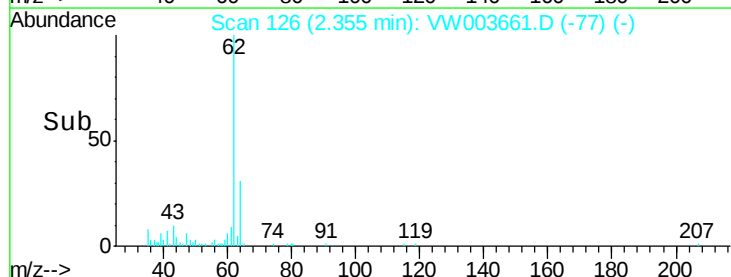
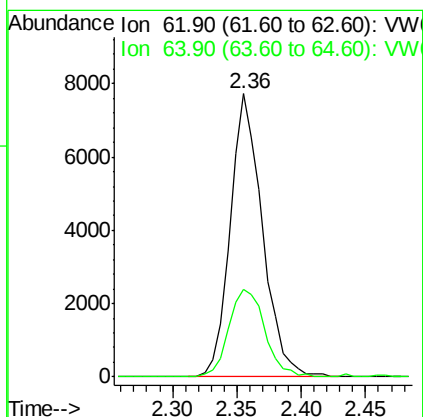
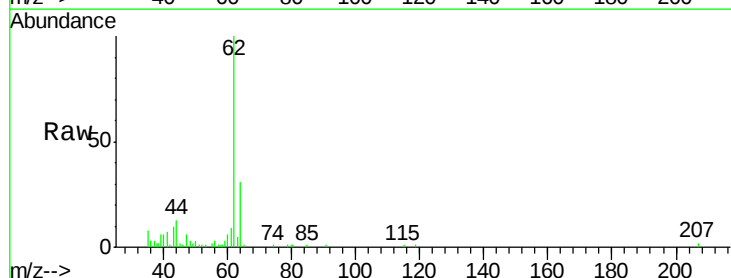
Acq: 29 Jun 2018 15:32

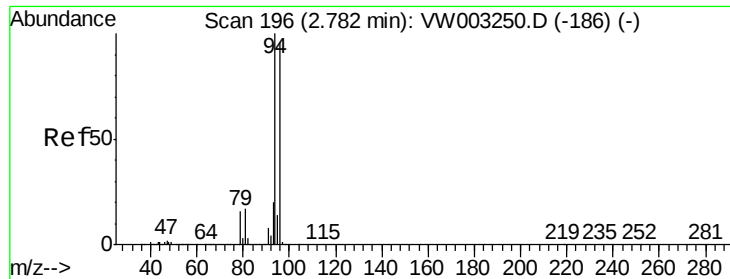
Tgt Ion: 62 Resp: 13449

Ion Ratio Lower Upper

62 100

64 30.7 24.9 37.3





#5

Bromomethane

Concen: 5.67 ug/l

RT: 2.78 min Scan# 195

Delta R.T. -0.01 min

Lab File: VW003661.D

Acq: 29 Jun 2018 15:32

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Tot Ion: 94 Resp: 8118

Ion Ratio Lower Upper

94 100

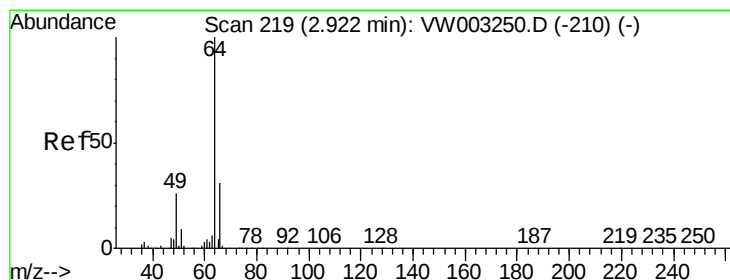
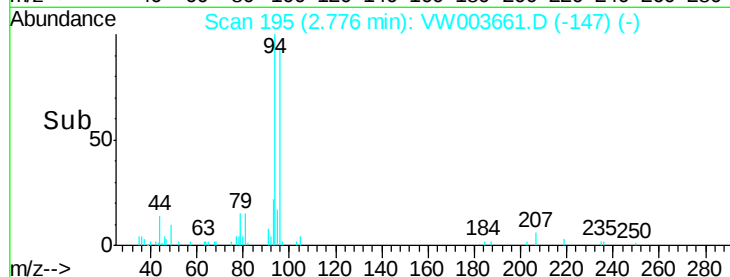
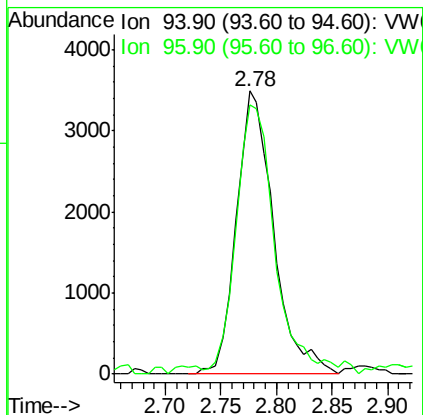
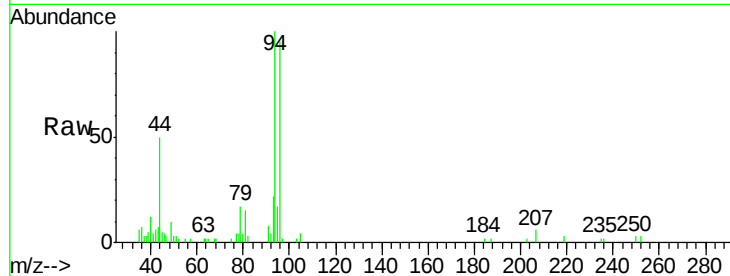
96 92.8 76.5 114.7

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#6

Chloroethane

Concen: 5.31 ug/l

RT: 2.93 min Scan# 220

Delta R.T. 0.01 min

Lab File: VW003661.D

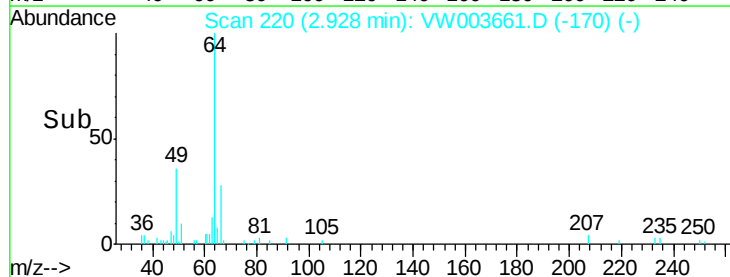
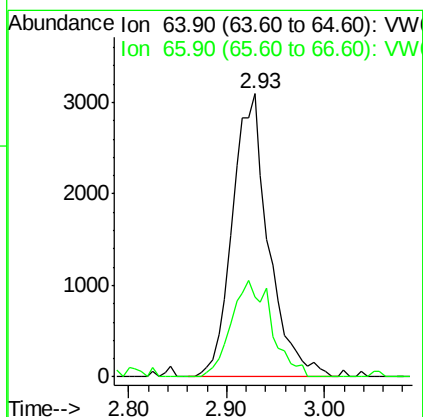
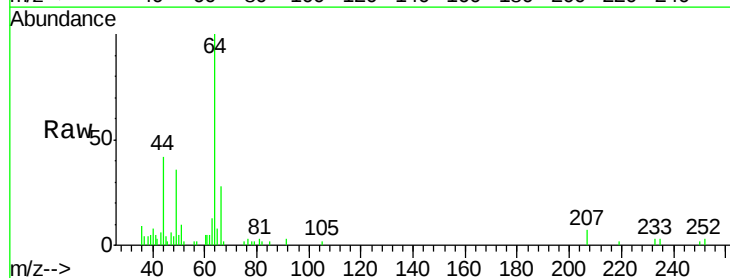
Acq: 29 Jun 2018 15:32

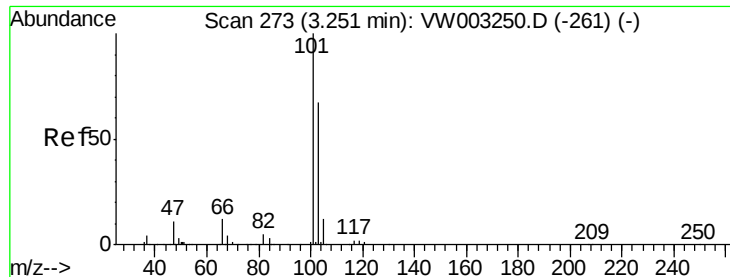
Tgt Ion: 64 Resp: 7959

Ion Ratio Lower Upper

64 100

66 28.1 24.4 36.6





#7

Trichlorofluoromethane

Concen: 6.23 ug/l

RT: 3.25 min Scan# 273

Delta R.T. 0.00 min

Lab File: VW003661.D

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Tot Ion:101 Resp: 8047

Ion Ratio Lower Upper

101 100

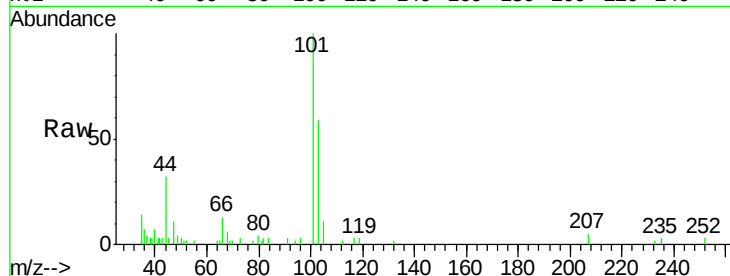
103 59.0 53.4 80.0

Manual Integrations

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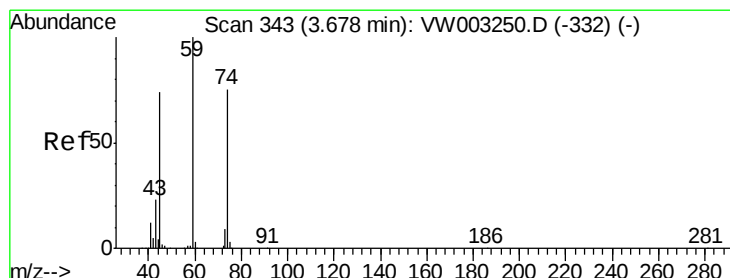
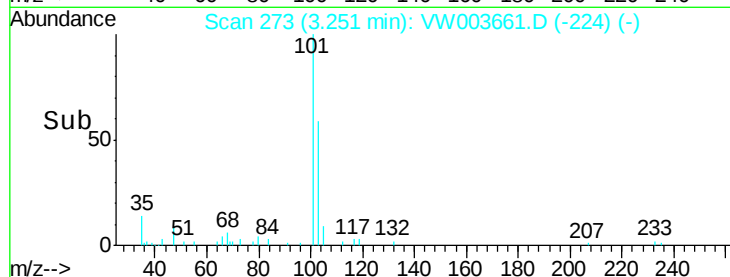
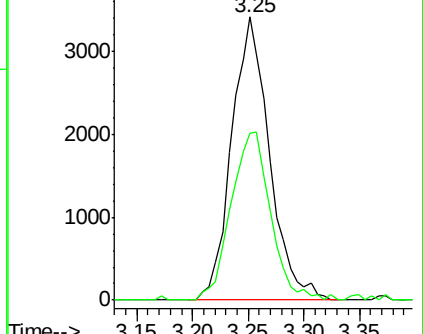
apatel

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Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 6.50 ug/l

RT: 3.68 min Scan# 343

Delta R.T. 0.00 min

Lab File: VW003661.D

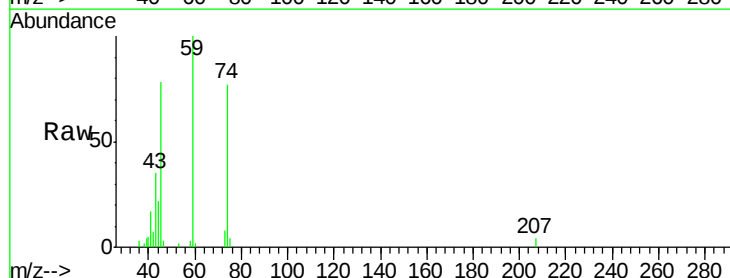
Acq: 29 Jun 2018 15:32

Tgt Ion: 74 Resp: 6164

Ion Ratio Lower Upper

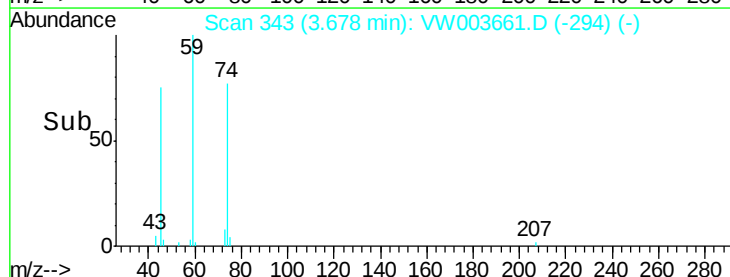
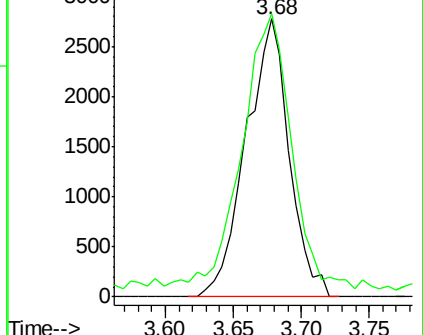
74 100

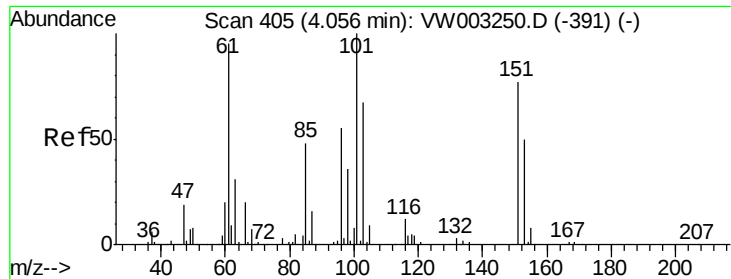
45 112.1 51.4 154.2



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW





#9

1,1,2-Trichlorotrifluoroethane

Concen: 6.11 ug/l

RT: 4.06 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW003661.D

Acq: 29 Jun 2018 15:32

Instrument :

MSVOA_W

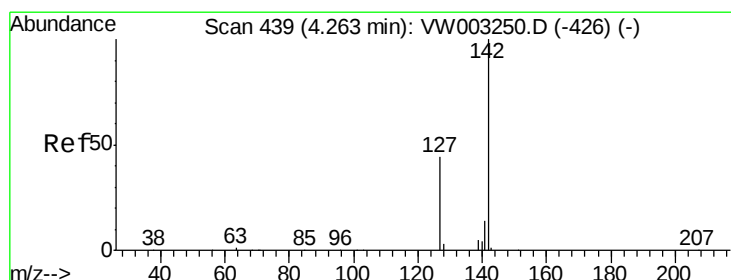
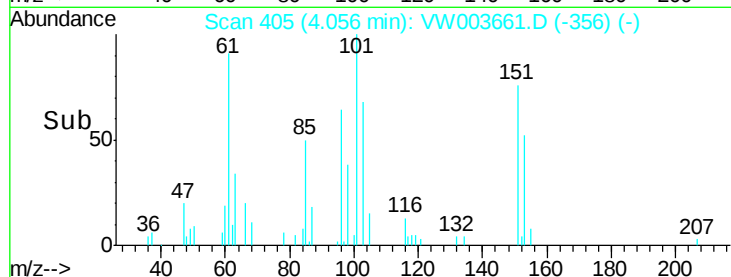
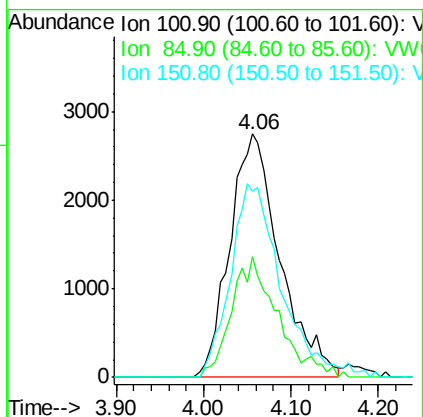
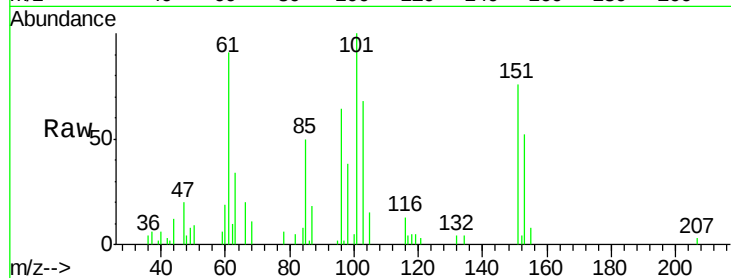
ClientSampleId :

LOQ-SCM-Precision-Bias-2

Tot Ion:	101	Resp:	10947
Ion Ratio	Lower	Upper	
101	100		
85	45.7	37.0	55.6
151	81.0	63.3	94.9

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#10

Methyl Iodide

Concen: 5.84 ug/l

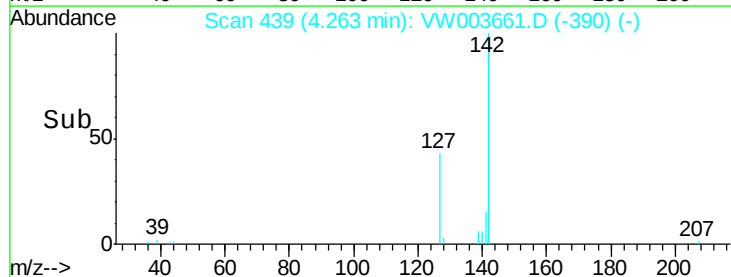
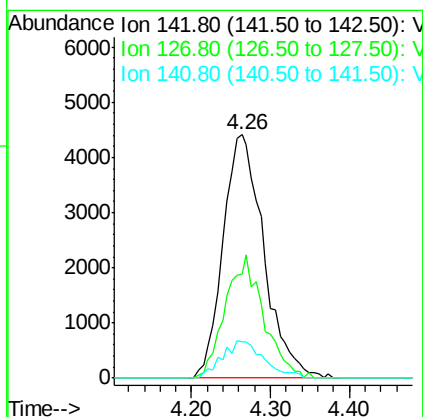
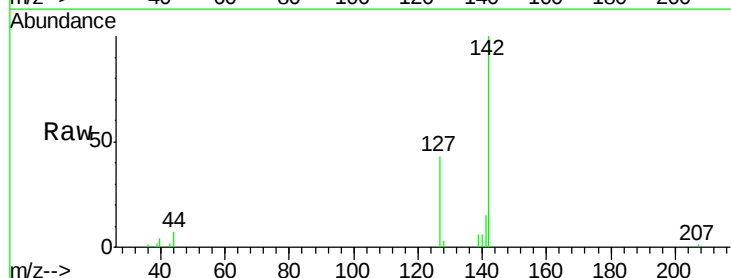
RT: 4.26 min Scan# 439

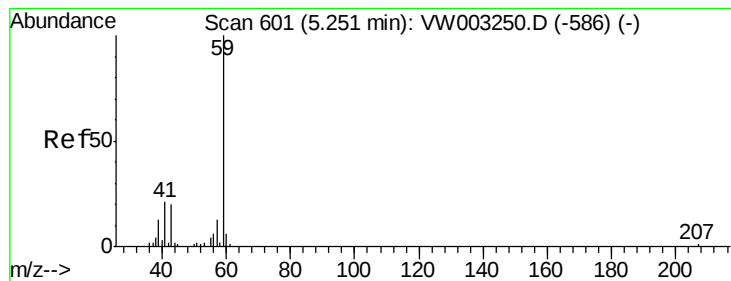
Delta R.T. 0.00 min

Lab File: VW003661.D

Acq: 29 Jun 2018 15:32

Tgt Ion:	142	Resp:	15825
Ion Ratio	Lower	Upper	
142	100		
127	47.3	36.5	54.7
141	15.7	12.1	18.1





#11

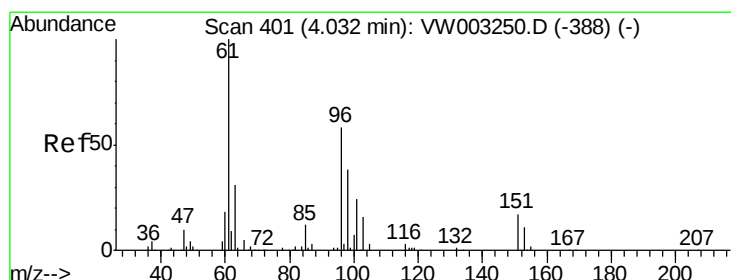
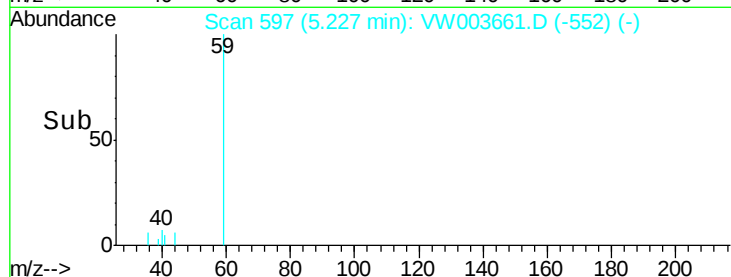
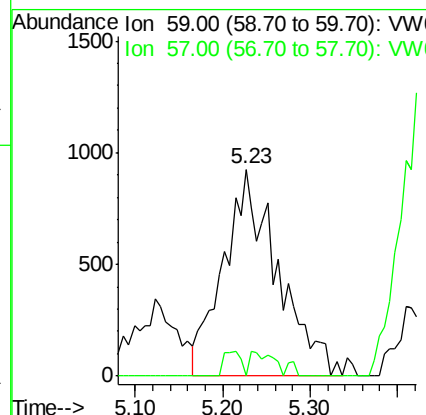
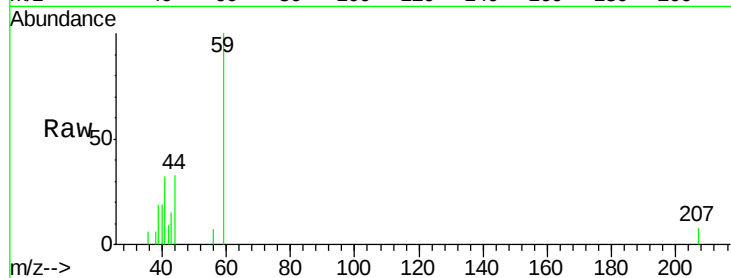
Tert butyl alcohol
Concen: 35.38 ug/l
RT: 5.23 min Scan# 597
Delta R.T. -0.02 min
Lab File: VW003661.D
Acq: 29 Jun 2018 15:32

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SCM-Precision-Bias-2

Tot Ion	Ratio	Resp	Lower	Upper
59	100	3978		
57	4.9		4.2	6.2

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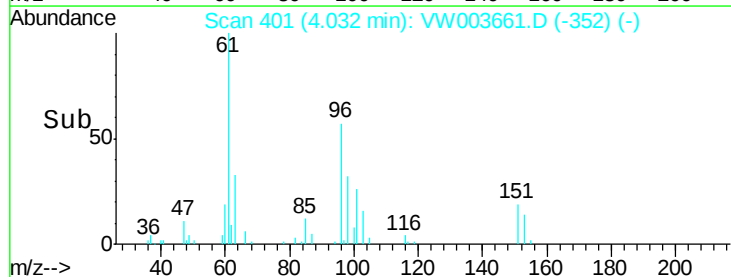
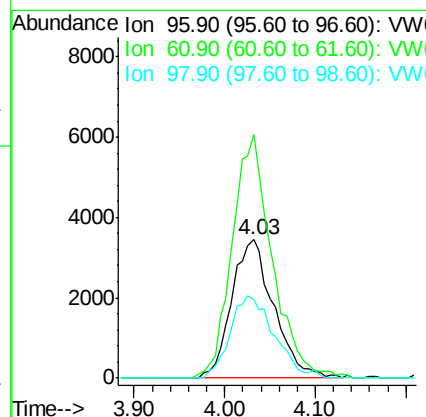
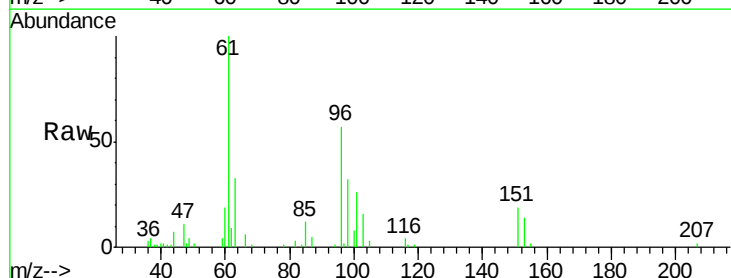
apatel
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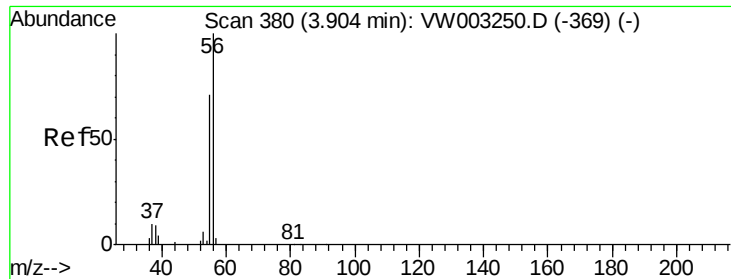


#12

1,1-Dichloroethene
Concen: 6.31 ug/l
RT: 4.03 min Scan# 401
Delta R.T. 0.00 min
Lab File: VW003661.D
Acq: 29 Jun 2018 15:32

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	11063		
61	176.3		139.0	208.4
98	57.1		53.3	79.9





#13

Acrolein

Concen: 18.15 ug/l

RT: 3.89 min Scan# 377

Delta R.T. -0.02 min

Lab File: VW003661.D

Acq: 29 Jun 2018 15:32

Instrument :

MSVOA_W

ClientSampleId :

LOQ-SCM-Precision-Bias-2

Tot Ion: 56 Resp: 2918

Ion Ratio Lower Upper

56 100

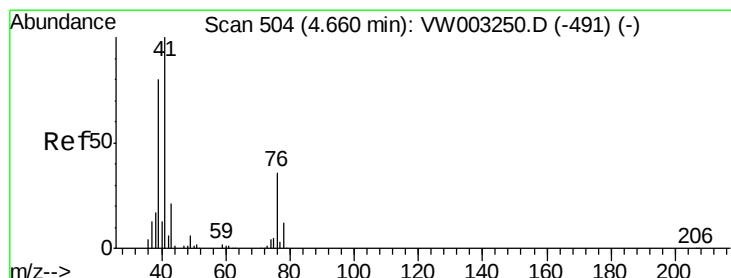
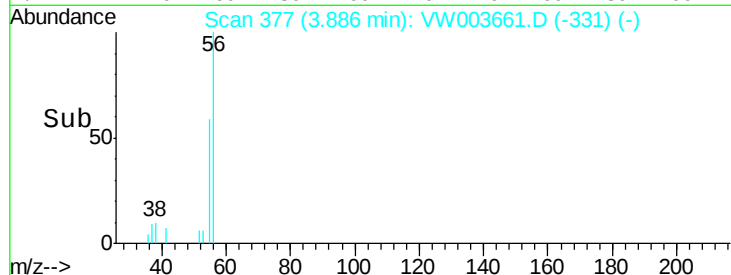
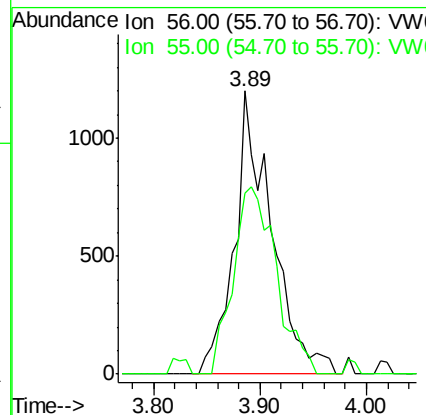
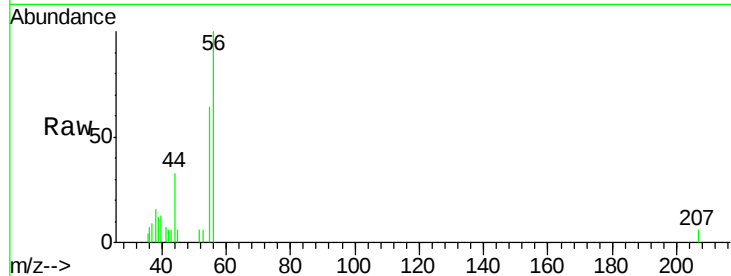
55 77.0 55.4 83.2

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#14

Allyl chloride

Concen: 5.91 ug/l

RT: 4.66 min Scan# 504

Delta R.T. 0.00 min

Lab File: VW003661.D

Acq: 29 Jun 2018 15:32

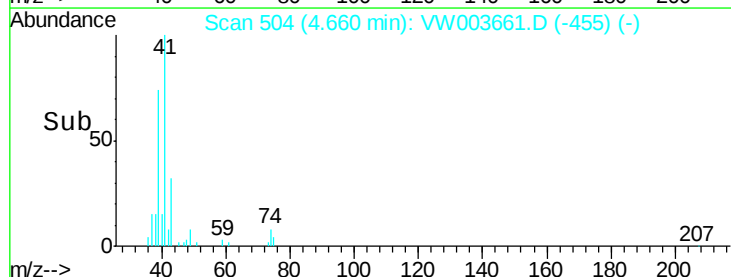
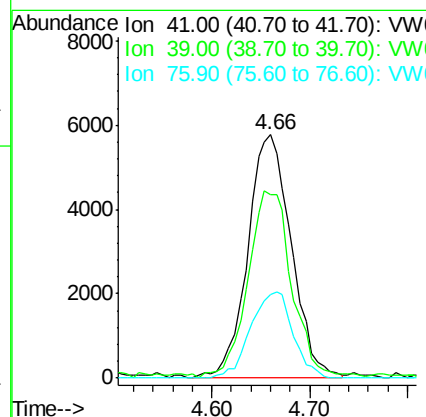
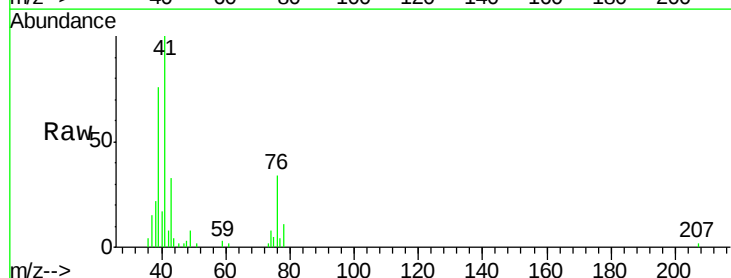
Tgt Ion: 41 Resp: 17920

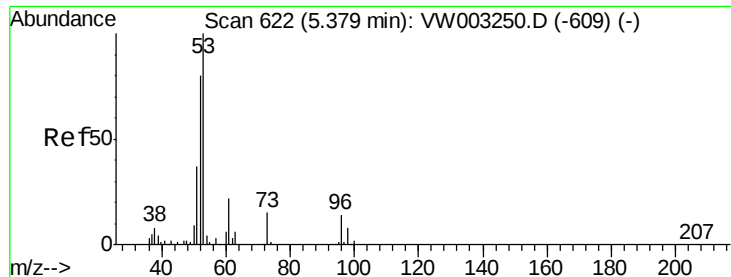
Ion Ratio Lower Upper

41 100

39 78.1 63.2 94.8

76 34.4 28.0 42.0





#15

Acrylonitrile

Concen: 30.41 ug/l

RT: 5.39 min Scan# 623

Delta R.T. 0.01 min

Lab File: VW003661.D

Acq: 29 Jun 2018 15:32

Instrument :

MSVOA_W

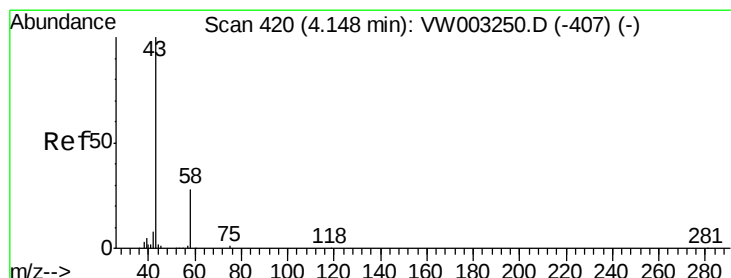
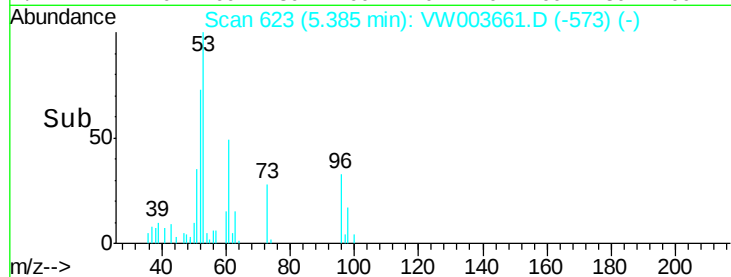
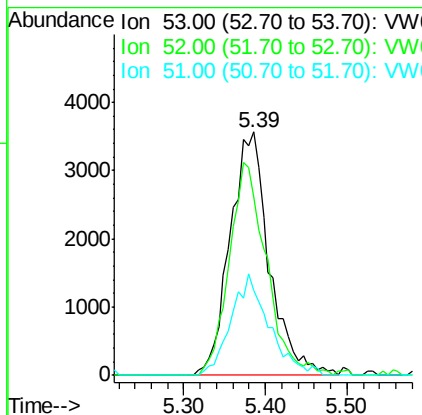
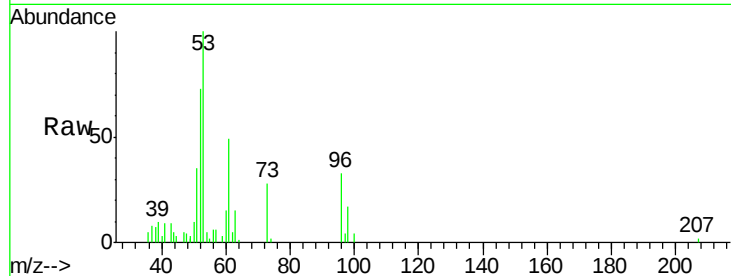
ClientSampleId :

LOQ-SCM-Precision-Bias-2

Tot Ion:	53	Resp:	11867
Ion	Ratio	Lower	Upper
53	100		
52	83.2	66.6	100.0
51	40.4	30.6	46.0

Manual Integrations
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#16

Acetone

Concen: 37.89 ug/l

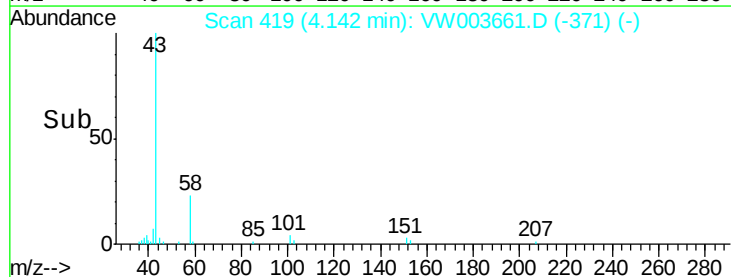
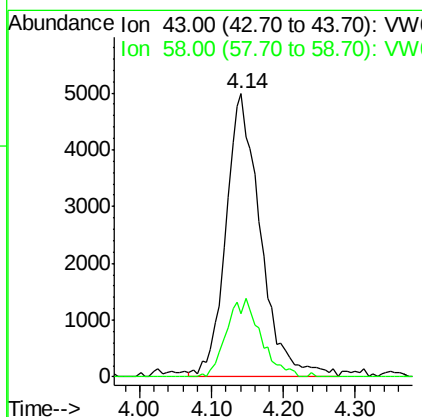
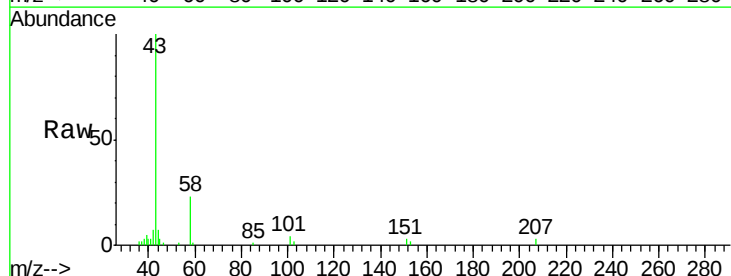
RT: 4.14 min Scan# 419

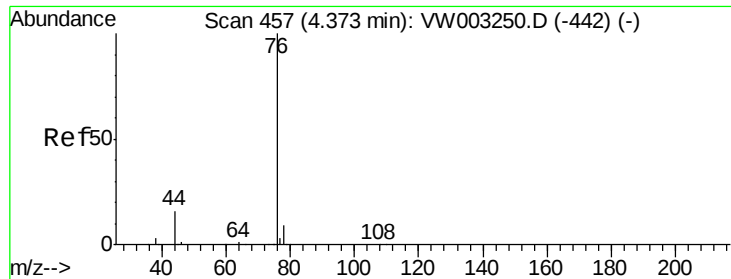
Delta R.T. -0.01 min

Lab File: VW003661.D

Acq: 29 Jun 2018 15:32

Tgt Ion:	43	Resp:	16658
Ion	Ratio	Lower	Upper
43	100		
58	22.5	22.6	34.0#





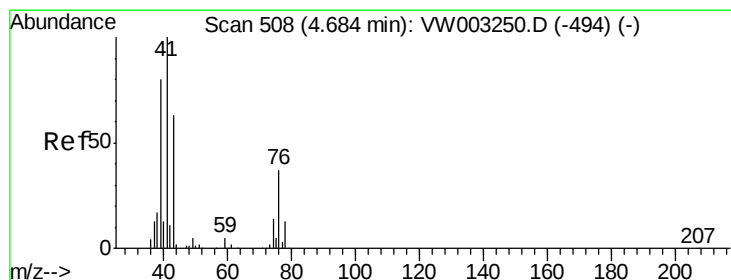
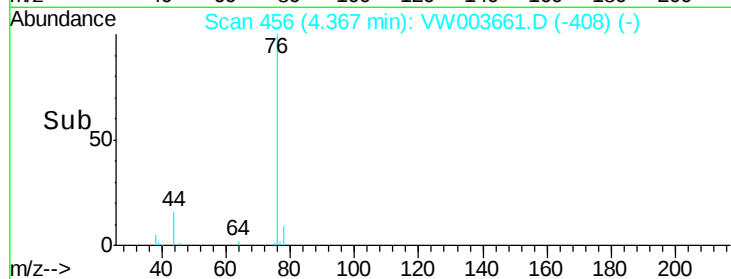
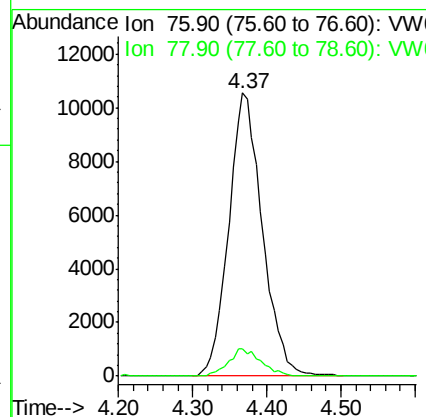
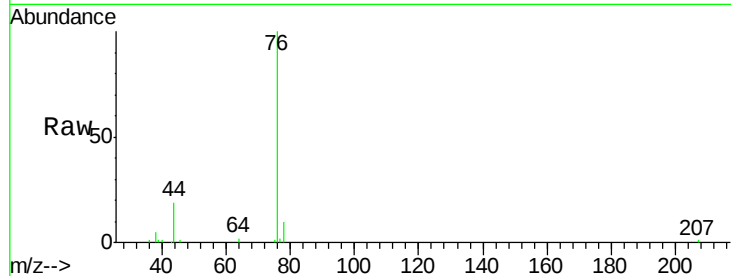
#17
Carbon Disulfide
Concen: 6.43 ug/l
RT: 4.37 min Scan# 456
Delta R.T. -0.01 min
Lab File: VW003661.D
Acq: 29 Jun 2018 15:32

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SCM-Precision-Bias-2

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.9	7.1	10.7

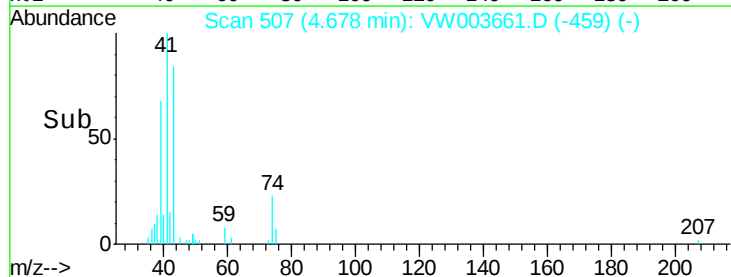
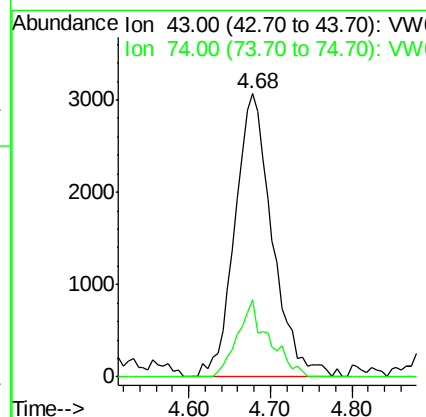
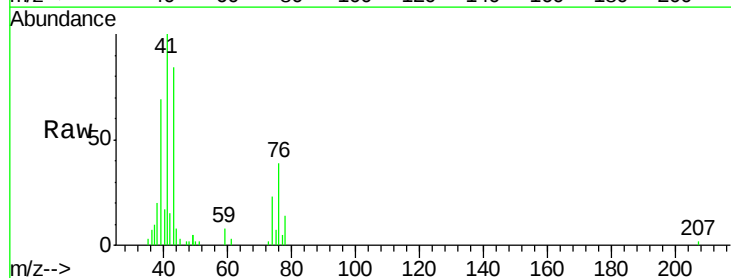
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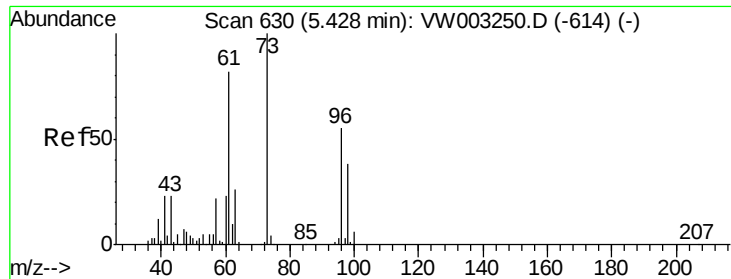
apatel
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#18
Methyl Acetate
Concen: 9.32 ug/l
RT: 4.68 min Scan# 507
Delta R.T. -0.01 min
Lab File: VW003661.D
Acq: 29 Jun 2018 15:32

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.8	18.7	28.1





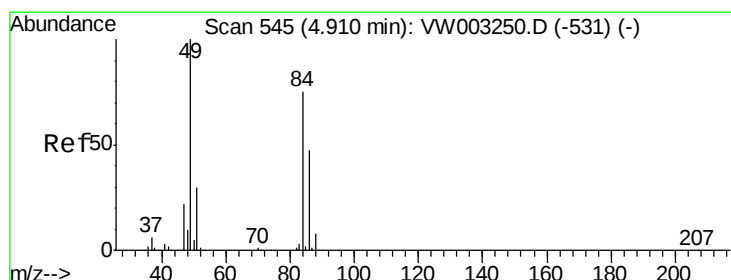
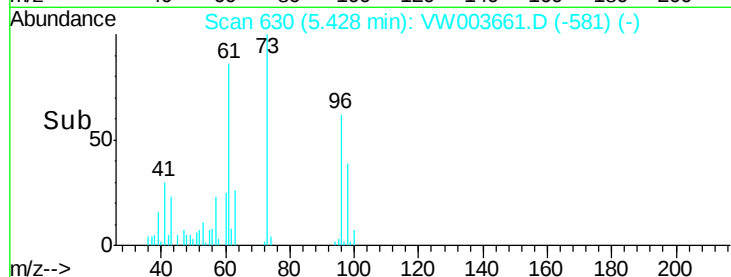
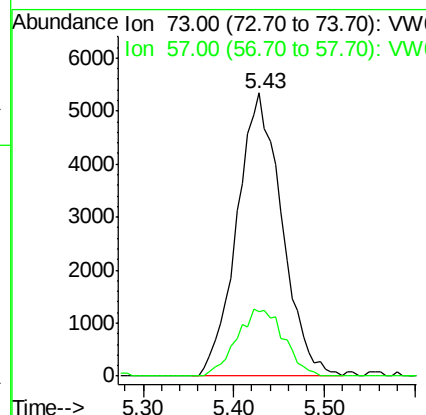
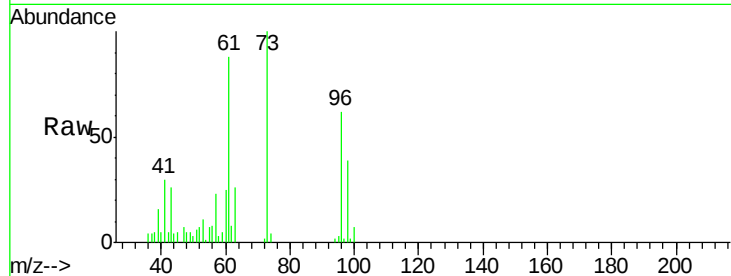
#19
Methvl tert-butvl Ether
Concen: 5.60 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.00 min
Lab File: VW003661.D
Acq: 29 Jun 2018 15:32

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SCM-Precision-Bias-2

Tot Ion: 73 Resp: 18362
Ion Ratio Lower Upper
73 100
57 22.8 18.0 27.0

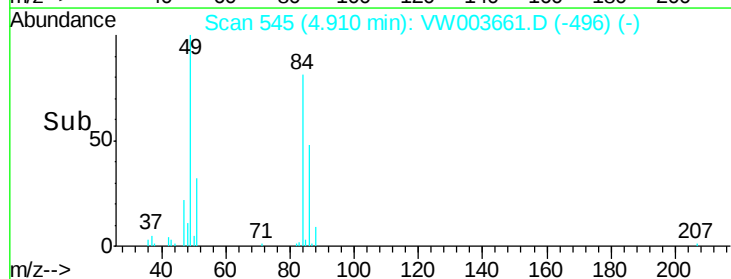
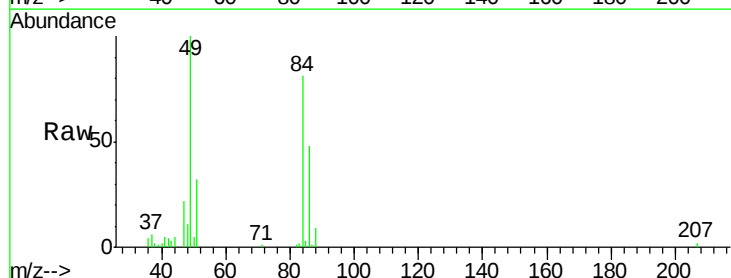
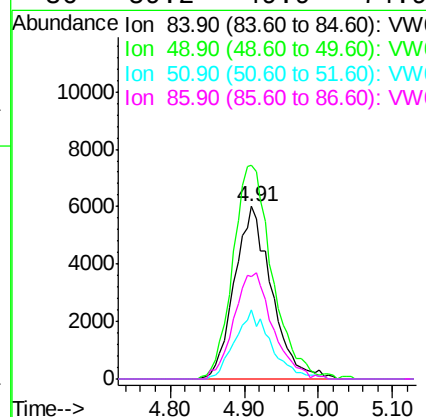
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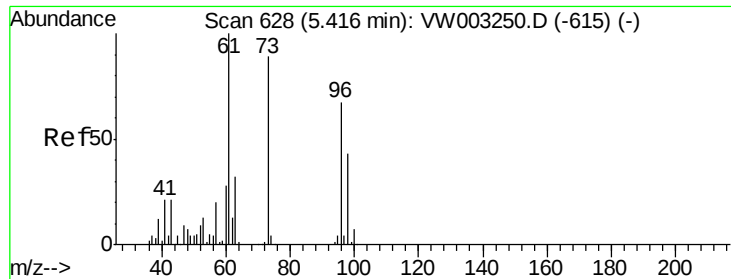
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#20
Methylene Chloride
Concen: 8.22 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003661.D
Acq: 29 Jun 2018 15:32

Tgt Ion: 84 Resp: 21083
Ion Ratio Lower Upper
84 100
49 124.0 106.3 159.5
51 39.9 32.0 48.0
86 59.2 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 6.10 ug/l

RT: 5.41 min Scan# 627

Delta R.T. -0.01 min

Lab File: VW003661.D

Acq: 29 Jun 2018 15:32

Instrument :

MSVOA_W

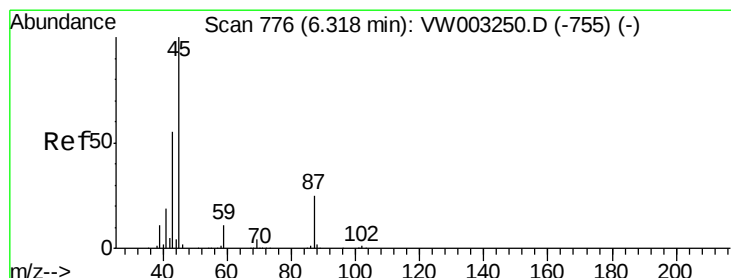
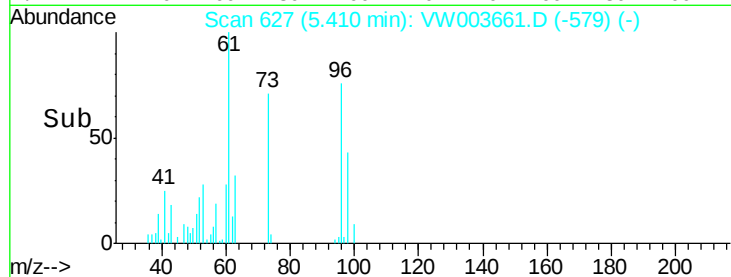
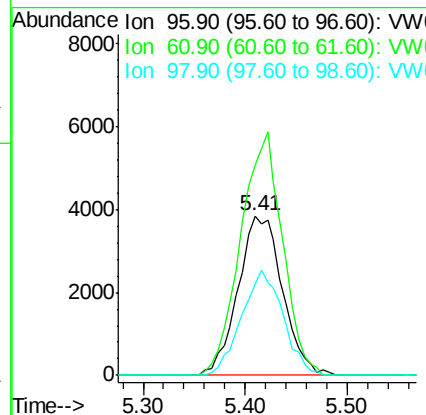
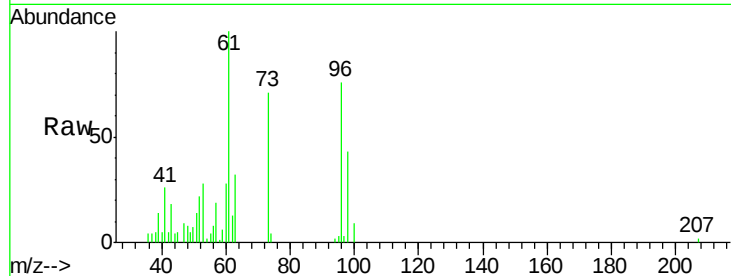
ClientSampleId :

LOQ-SCM-Precision-Bias-2

Tot Ion:	96	Resp:	11630
Ion	Ratio	Lower	Upper
96	100		
61	132.3	118.7	178.1
98	57.2	51.0	76.6

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#22

Diisopropyl ether

Concen: 5.15 ug/l

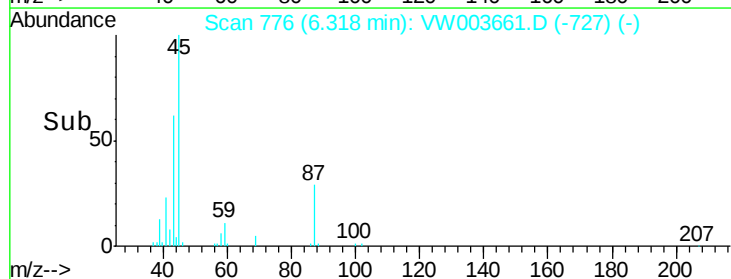
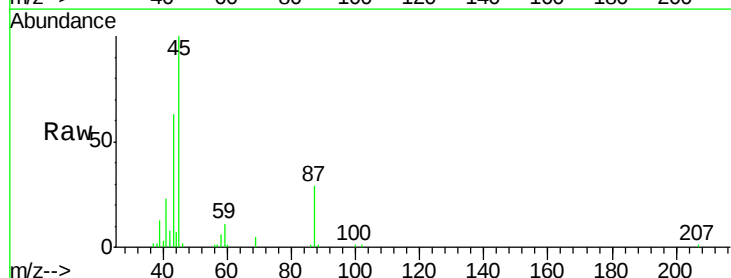
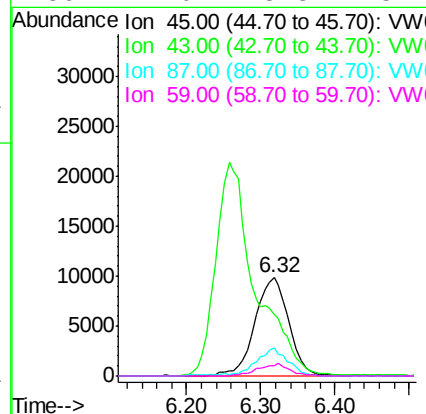
RT: 6.32 min Scan# 776

Delta R.T. 0.00 min

Lab File: VW003661.D

Acq: 29 Jun 2018 15:32

Tgt Ion:	45	Resp:	31471
Ion	Ratio	Lower	Upper
45	100		
43	61.1	44.0	66.0
87	28.7	20.6	31.0
59	11.0	8.8	13.2





#23

Vinyl Acetate

Concen: 22.40 ug/l

RT: 6.26 min Scan# 766

Delta R.T. 0.00 min

Lab File: VW003661.D

Acq: 29 Jun 2018 15:32

Instrument :

MSVOA_W

ClientSampleId :

LOQ-SCM-Precision-Bias-2

Tot Ion: 43 Resp: 78840

Ion Ratio Lower Upper

43 100

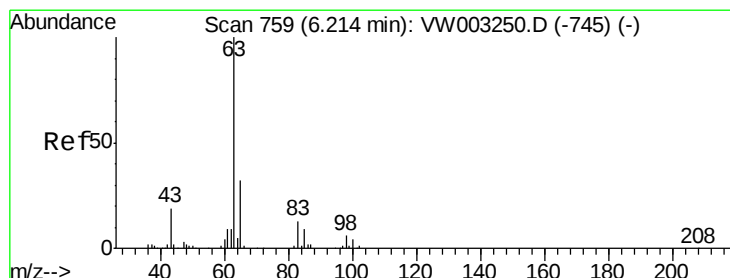
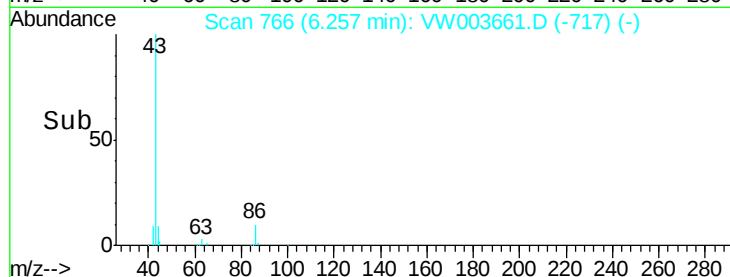
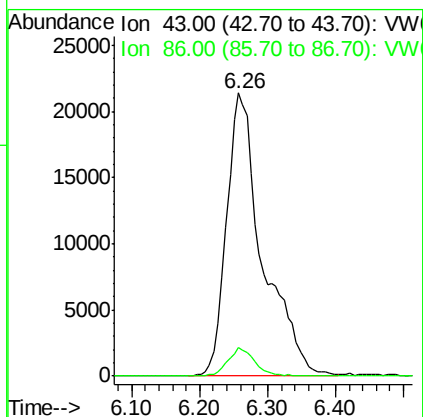
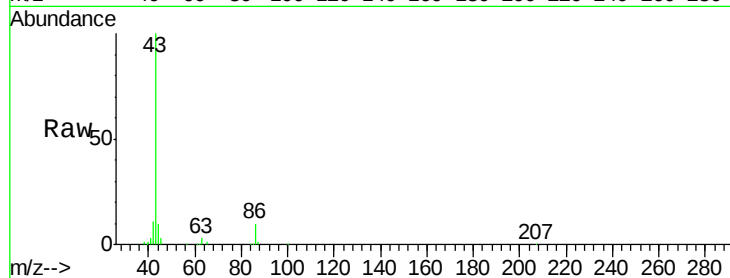
86 10.0 7.5 11.3

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#24

1,1-Dichloroethane

Concen: 6.09 ug/l

RT: 6.21 min Scan# 758

Delta R.T. -0.01 min

Lab File: VW003661.D

Acq: 29 Jun 2018 15:32

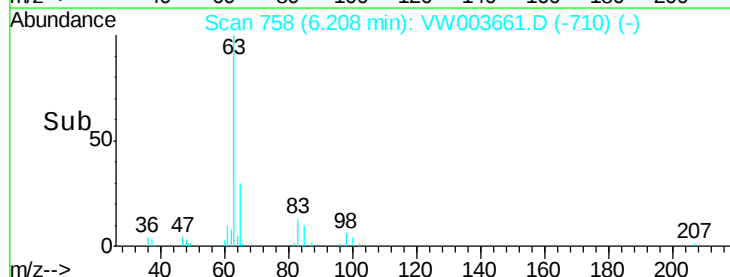
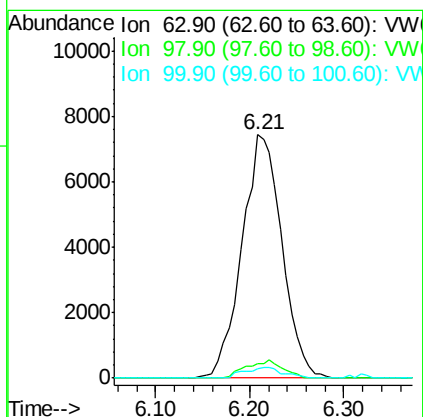
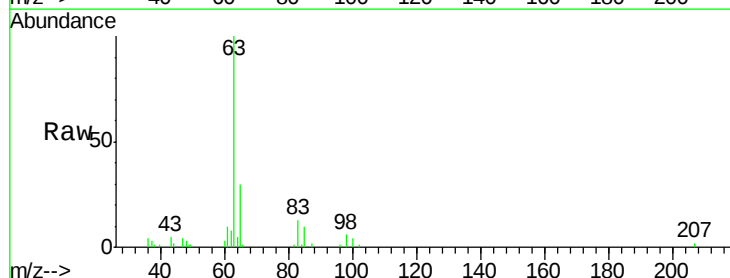
Tgt Ion: 63 Resp: 22097

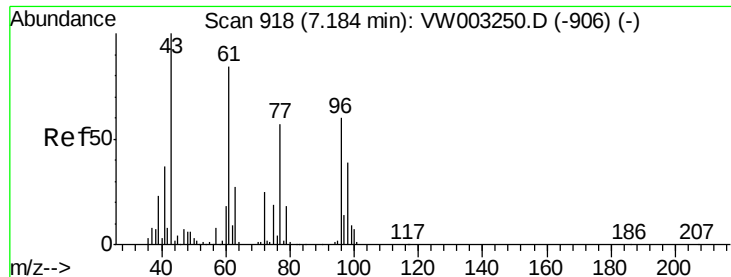
Ion Ratio Lower Upper

63 100

98 5.8 2.8 8.3

100 3.8 2.1 6.5





#25

2-Butanone

Concen: 31.50 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.00 min

Lab File: VW003661.D

Acq: 29 Jun 2018 15:32

Instrument :

MSVOA_W

ClientSampleId :

LOQ-SCM-Precision-Bias-2

Tot Ion: 43 Resp: 17221

Ion Ratio Lower Upper

43 100

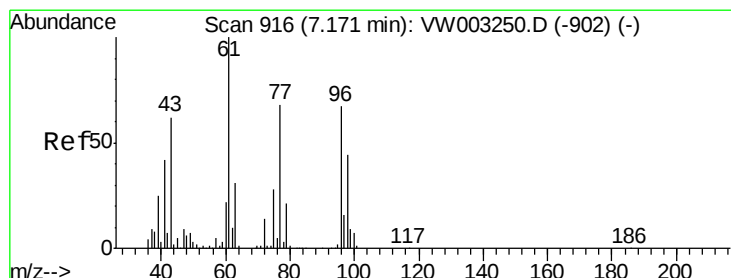
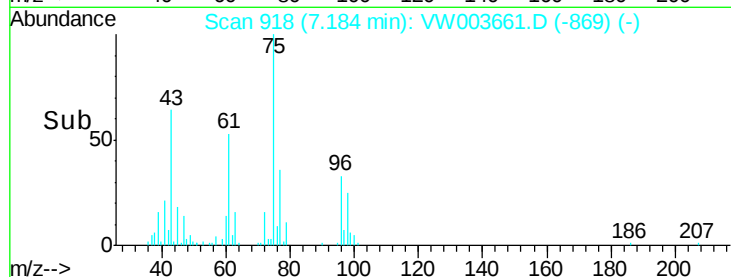
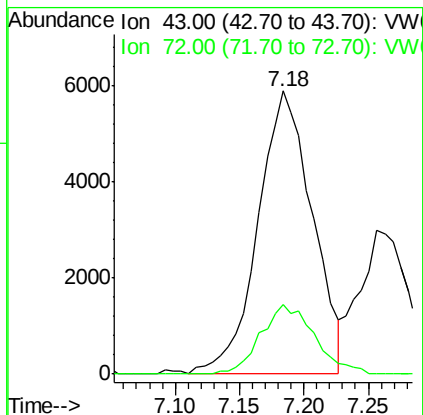
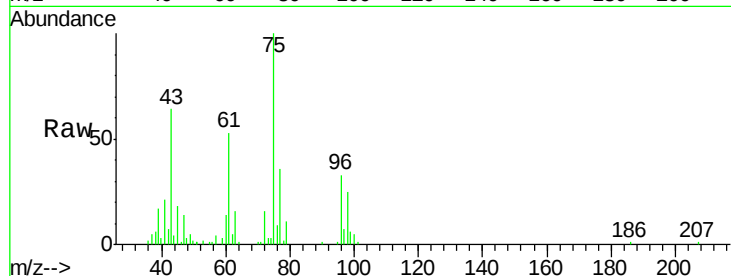
72 24.5 20.3 30.5

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 6.39 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.01 min

Lab File: VW003661.D

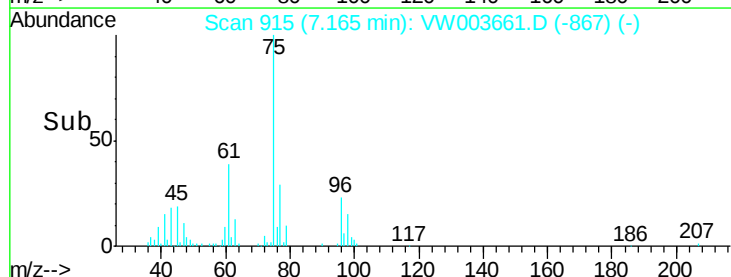
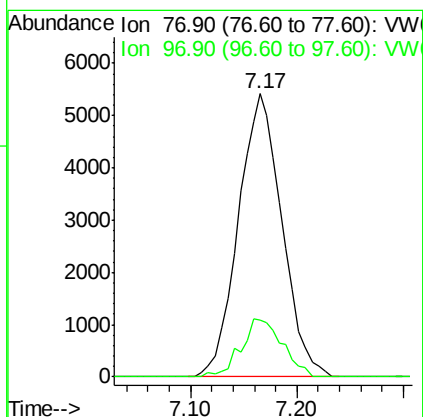
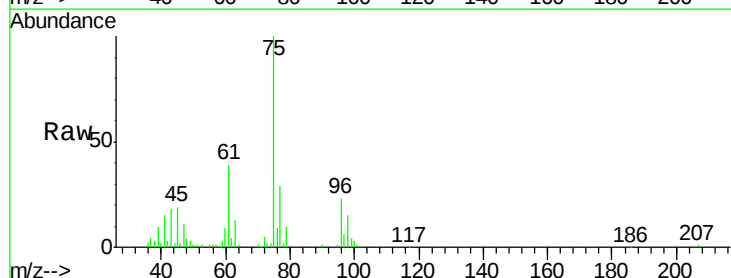
Acq: 29 Jun 2018 15:32

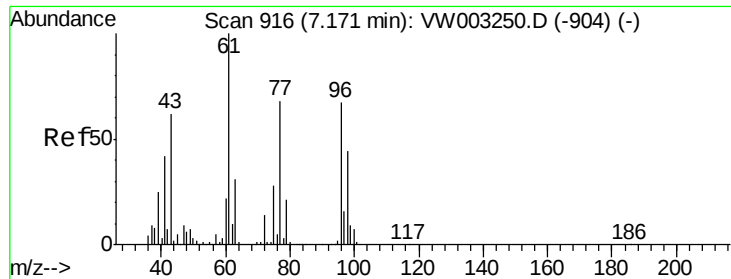
Tgt Ion: 77 Resp: 15464

Ion Ratio Lower Upper

77 100

97 19.5 11.3 33.9





#27

cis-1,2-Dichloroethene

Concen: 5.51 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.01 min

Lab File: VW003661.D

Acq: 29 Jun 2018 15:32

Instrument :

MSVOA_W

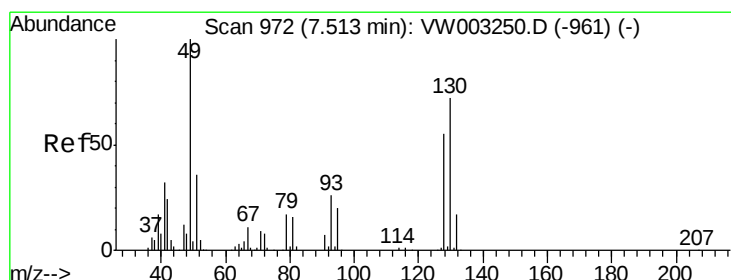
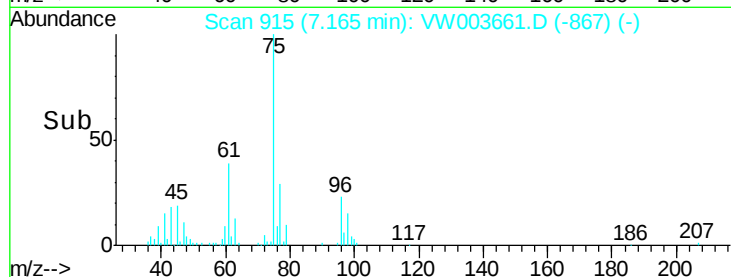
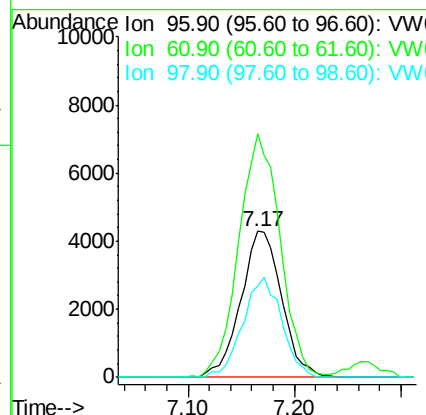
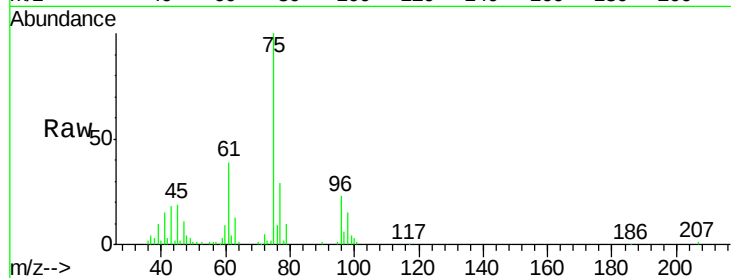
ClientSampleId :

LOQ-SCM-Precision-Bias-2

Tot Ion:	96	Resp:	11538
Ion	Ratio	Lower	Upper
96	100		
61	168.9	0.0	298.8
98	65.4	0.0	130.4

Manual Integrations
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apatel
7/2/2018 10:30:40 AM



#28

Bromochloromethane

Concen: 6.05 ug/l

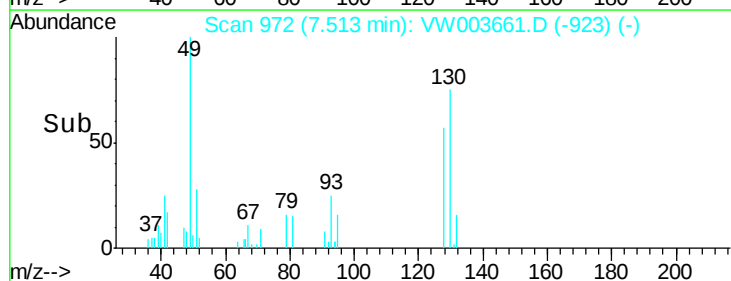
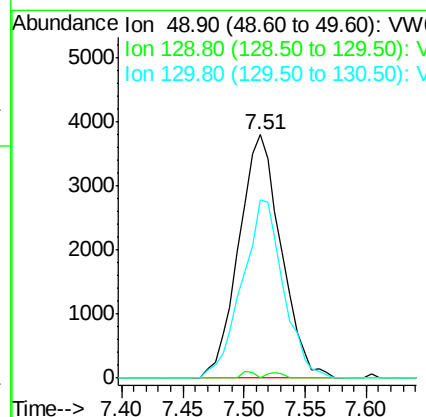
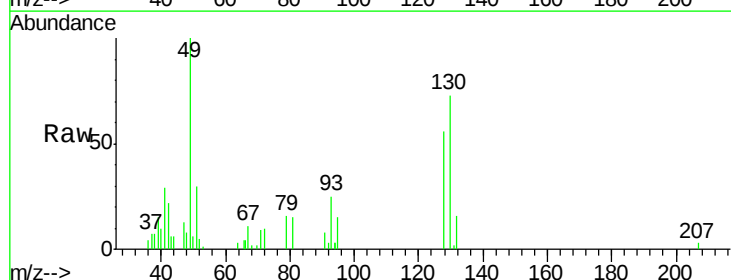
RT: 7.51 min Scan# 972

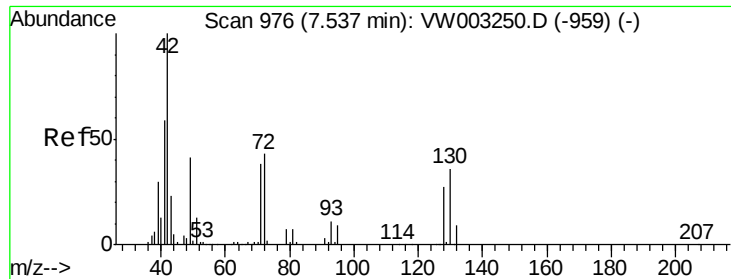
Delta R.T. 0.00 min

Lab File: VW003661.D

Acq: 29 Jun 2018 15:32

Tgt Ion:	49	Resp:	9121
Ion	Ratio	Lower	Upper
49	100		
129	0.9	0.0	4.6
130	71.4	59.4	89.2





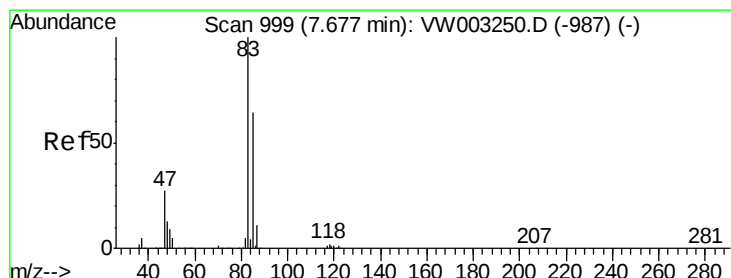
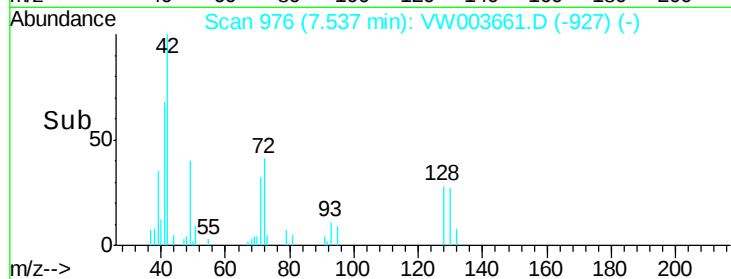
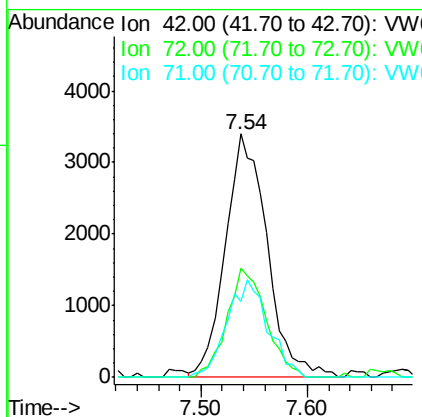
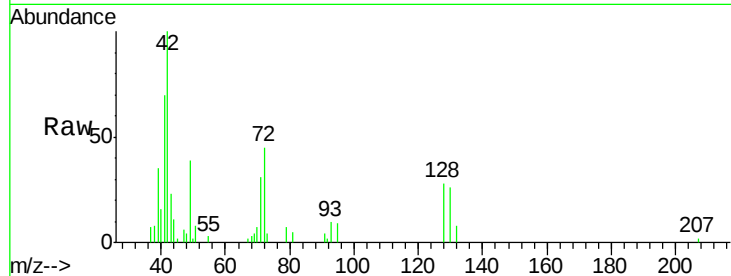
#29
Tetrahydrofuran
Concen: 27.97 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.00 min
Lab File: VW003661.D
Acq: 29 Jun 2018 15:32

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SCM-Precision-Bias-2

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.8	32.4	48.6
71	39.4	31.2	46.8

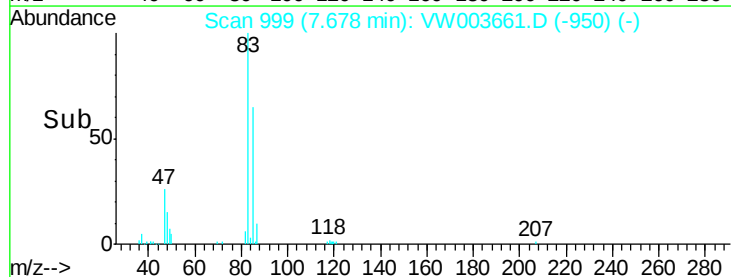
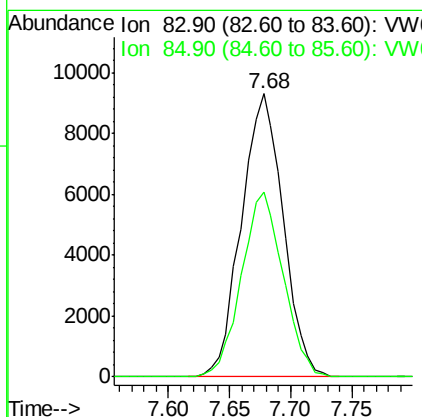
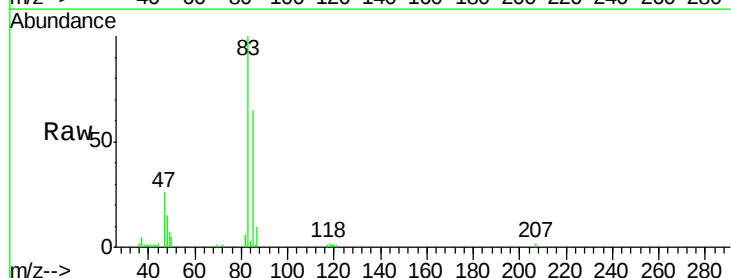
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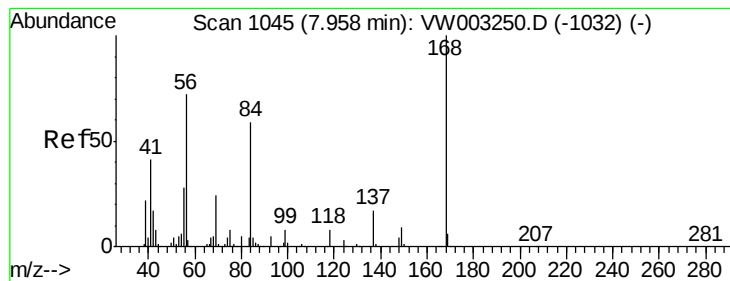
apatel
7/2/2018 10:30:40 AM



#30
Chloroform
Concen: 5.97 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW003661.D
Acq: 29 Jun 2018 15:32

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.4	51.3	76.9





#31

Cyclohexane

Concen: 6.66 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.01 min

Lab File: VW003661.D

Acq: 29 Jun 2018 15:32

Instrument :

MSVOA_W

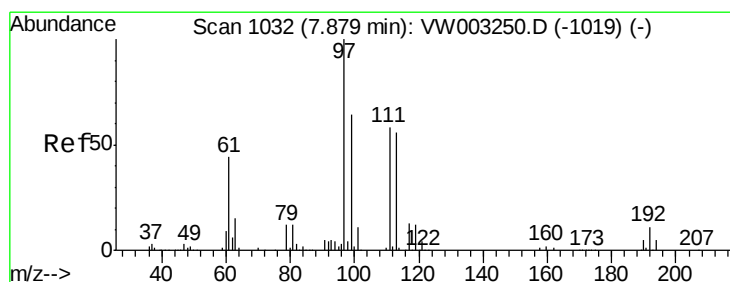
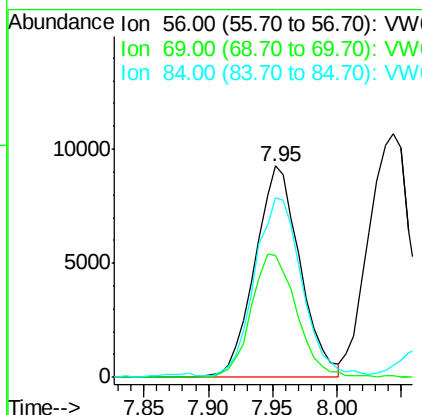
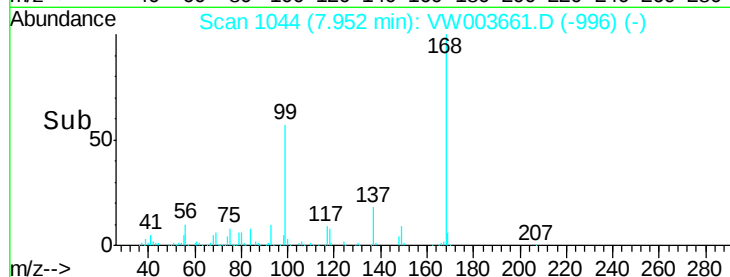
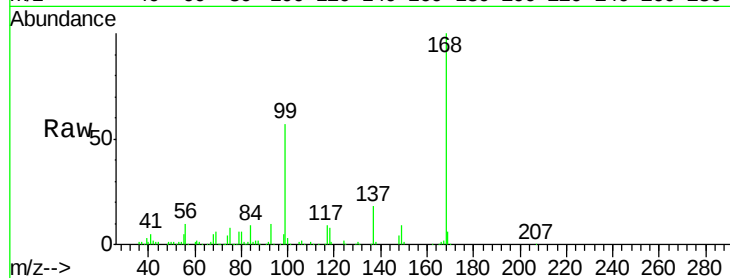
ClientSampleId :

LOQ-SCM-Precision-Bias-2

Tot Ion:	56	Resp:	22544
Ion	Ratio	Lower	Upper
56	100		
69	58.0	26.3	39.5#
84	83.1	65.7	98.5

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#32

1,1,1-Trichloroethane

Concen: 5.84 ug/l

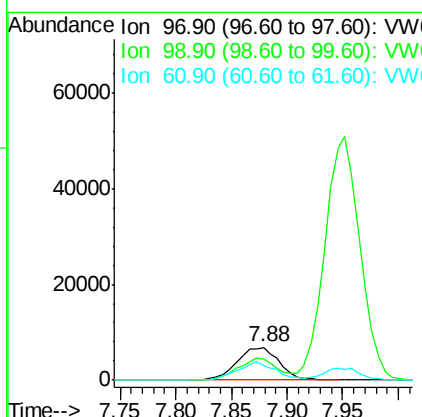
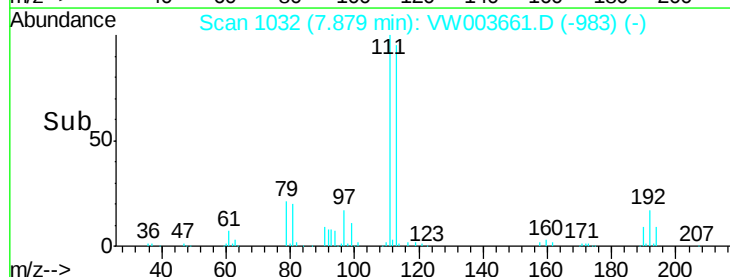
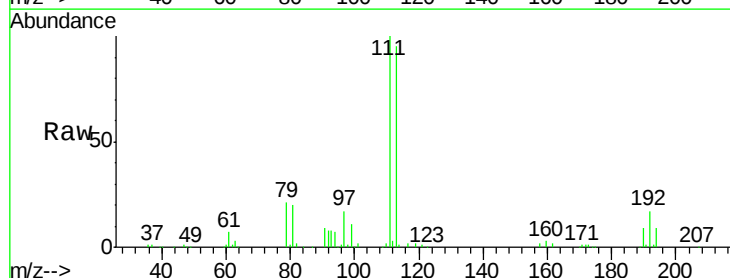
RT: 7.88 min Scan# 1032

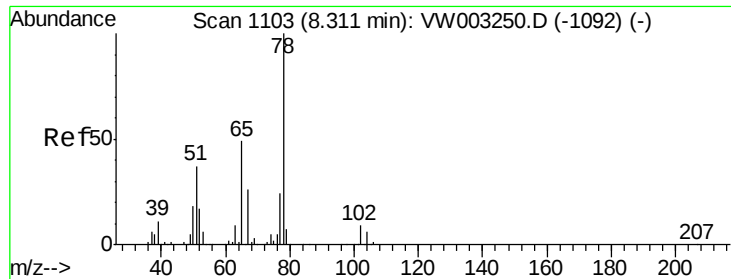
Delta R.T. 0.00 min

Lab File: VW003661.D

Acq: 29 Jun 2018 15:32

Tgt Ion:	97	Resp:	17799
Ion	Ratio	Lower	Upper
97	100		
99	62.5	51.7	77.5
61	50.8	37.6	56.4





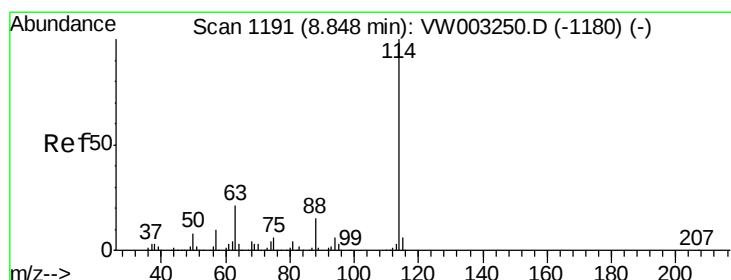
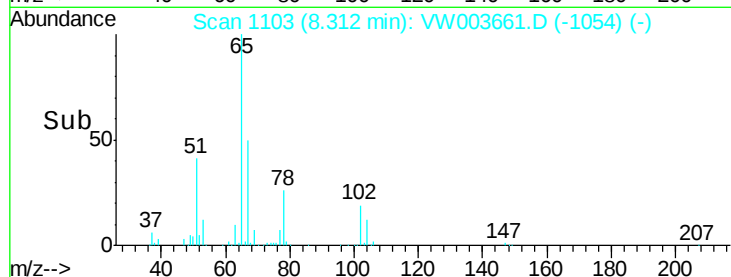
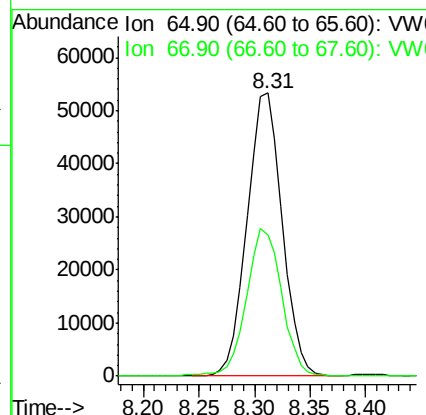
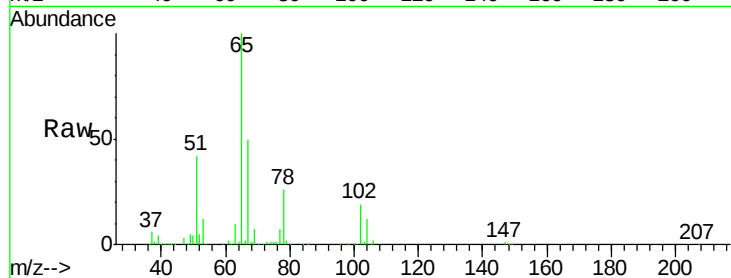
#33
 1,2-Dichloroethane-d4
 Concen: 55.94 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW003661.D
 Acq: 29 Jun 2018 15:32

Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SCM-Precision-Bias-2

Tot Ion	Ratio	Resp	Lower	Upper
65	100	117262		
67	52.6	0.0	104.2	

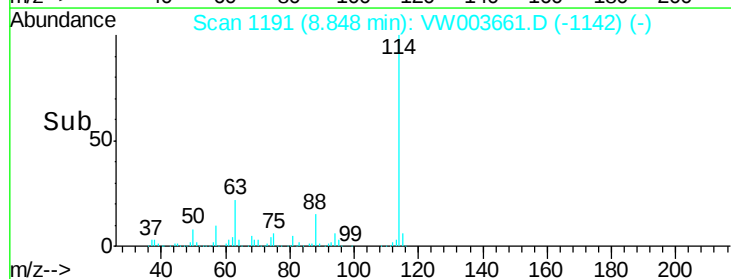
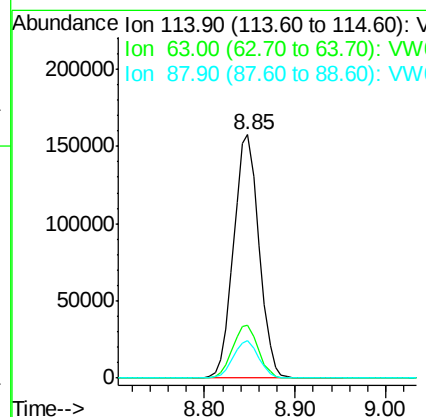
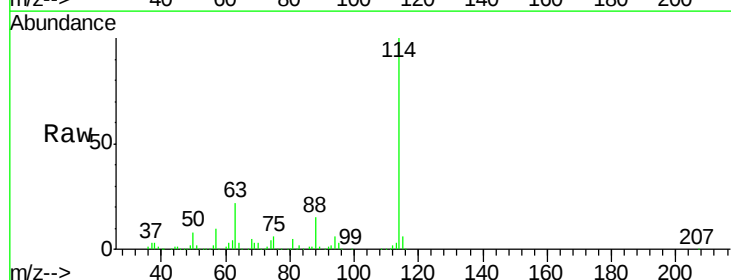
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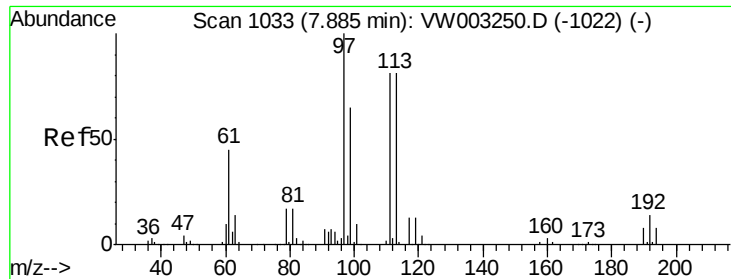
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003661.D
 Acq: 29 Jun 2018 15:32

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	306430		
63	21.8	0.0	43.0	
88	15.2	0.0	29.6	





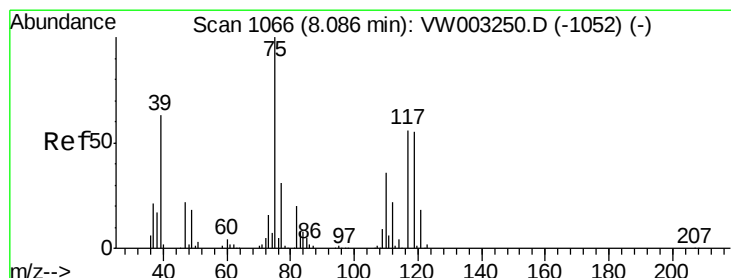
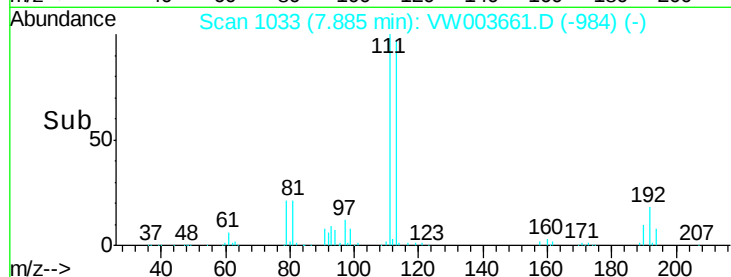
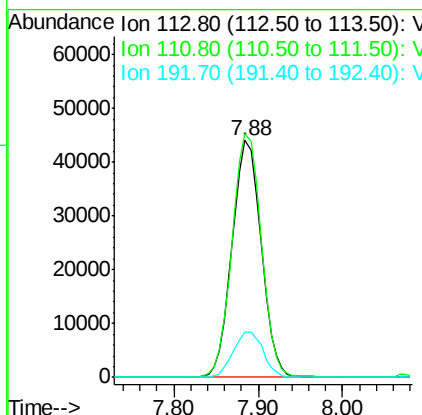
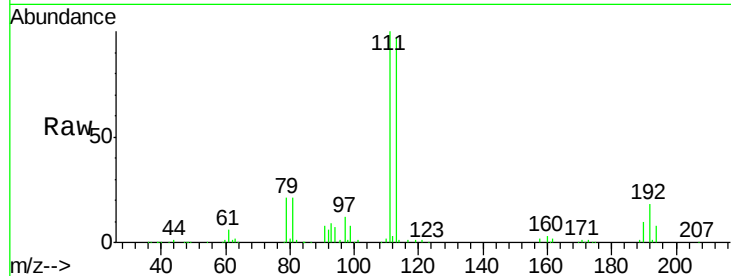
#35
Dibromofluoromethane
Concen: 53.97 ug/l
RT: 7.88 min Scan# 1033
Delta R.T. 0.00 min
Lab File: VW003661.D
Acq: 29 Jun 2018 15:32

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SCM-Precision-Bias-2

Tot Ion	Ratio	Resp	Lower	Upper
113	100	102770		
111	103.5	82.2	123.2	
192	19.6	16.2	24.2	

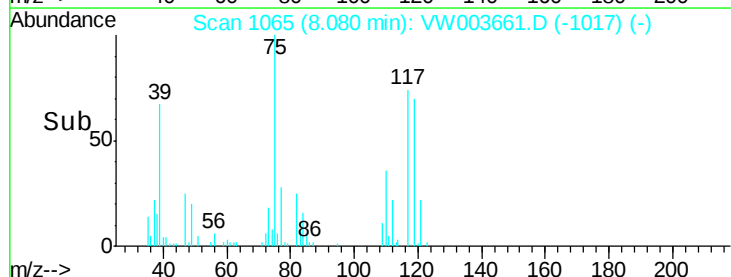
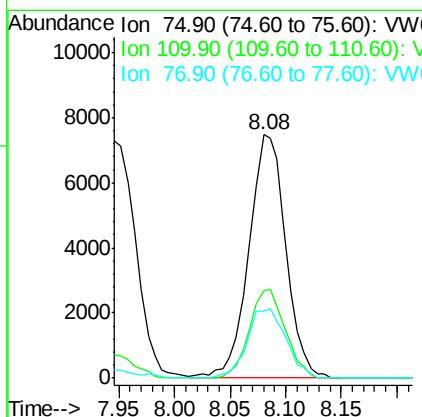
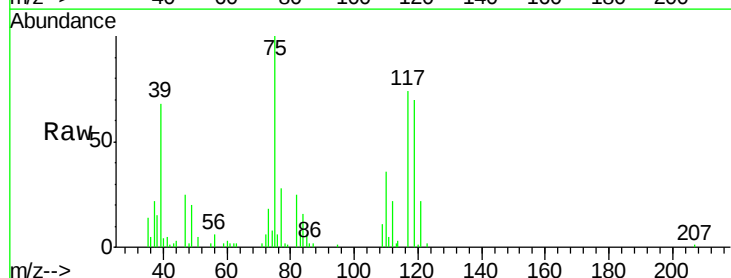
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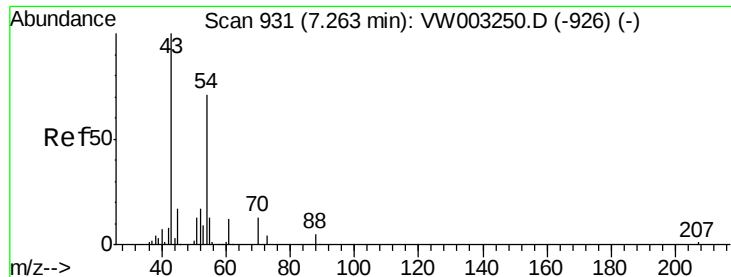
apatel
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#36
1,1-Dichloropropene
Concen: 5.84 ug/l
RT: 8.08 min Scan# 1065
Delta R.T. -0.01 min
Lab File: VW003661.D
Acq: 29 Jun 2018 15:32

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	17289		
110	35.4	17.1	51.3	
77	30.0	24.9	37.3	





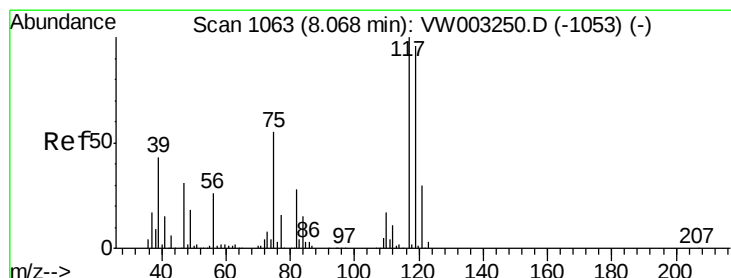
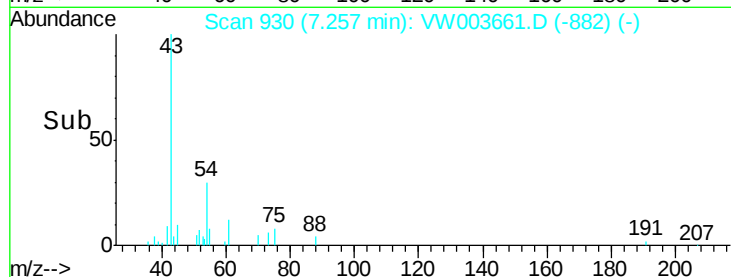
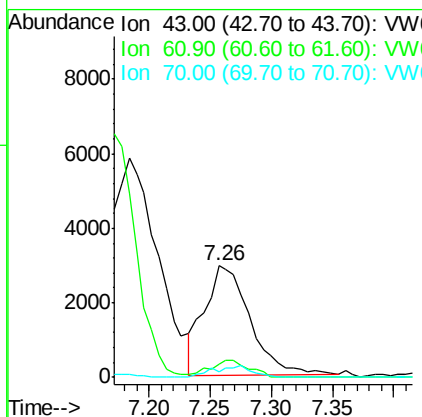
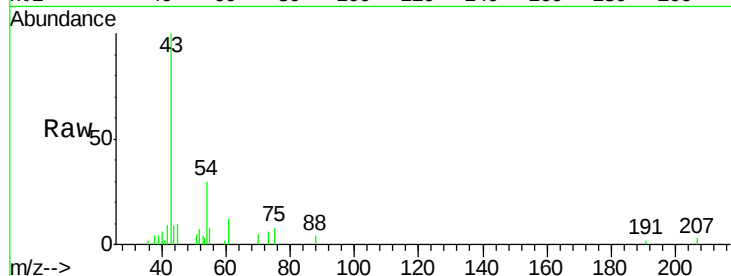
#37
Ethyl Acetate
Concen: 6.30 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.01 min
Lab File: VW003661.D
Acq: 29 Jun 2018 15:32

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SCM-Precision-Bias-2

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.8	16.2
70	8.8	7.8	11.6

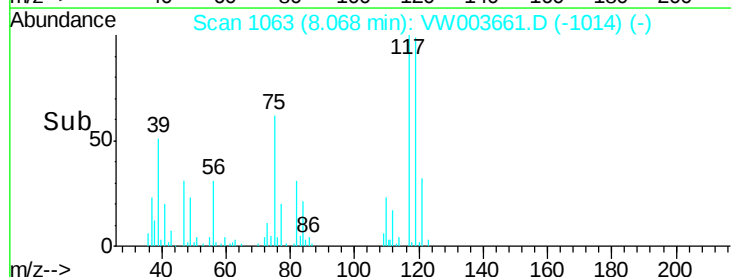
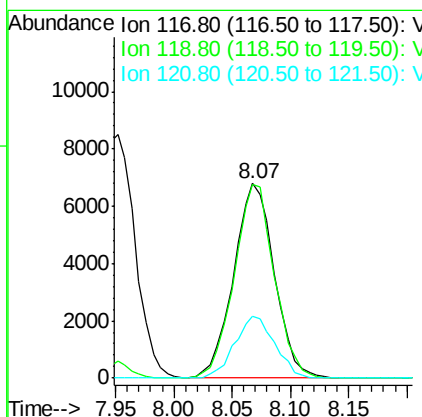
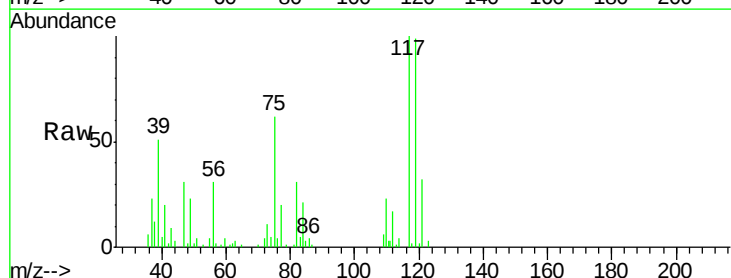
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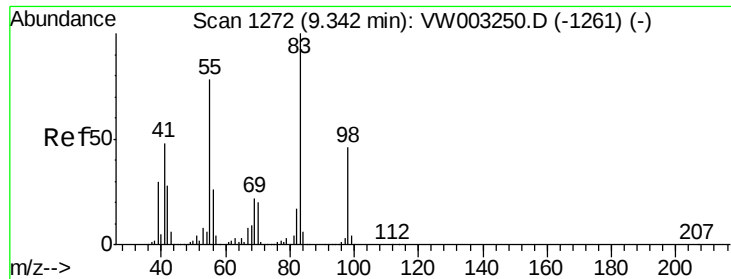
apatel
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#38
Carbon Tetrachloride
Concen: 5.70 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW003661.D
Acq: 29 Jun 2018 15:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.3	76.6	115.0
121	31.8	23.9	35.9





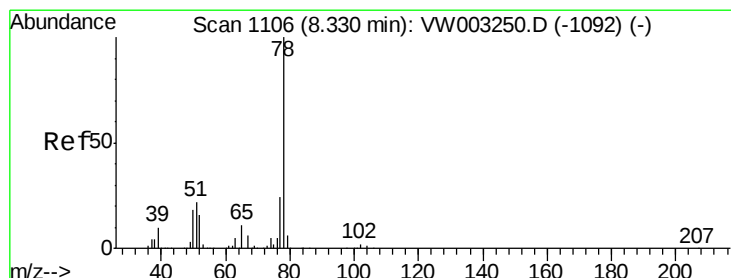
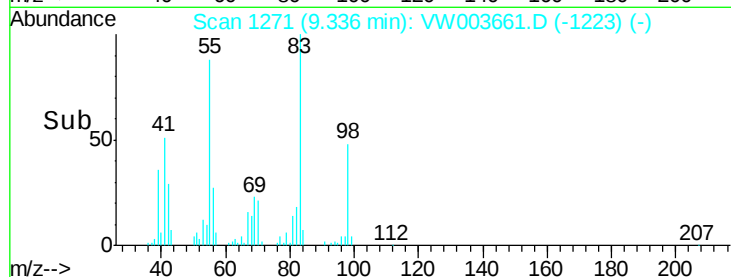
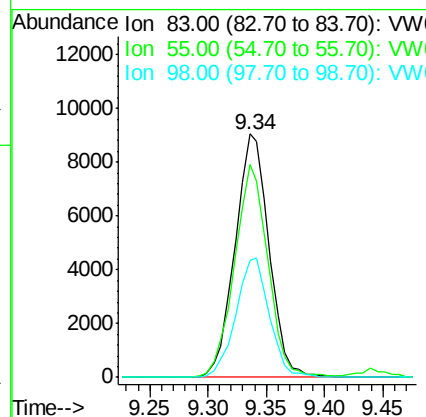
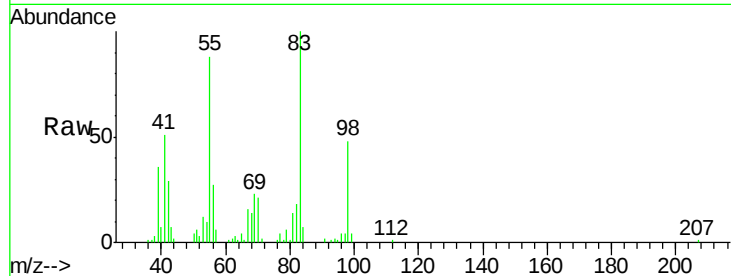
#39
Methvlcvclohexane
Concen: 5.37 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.01 min
Lab File: VW003661.D
Acq: 29 Jun 2018 15:32

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SCM-Precision-Bias-2

Tot Ion	Ratio	Lower	Upper
83	100		
55	87.6	62.6	93.8
98	48.1	37.0	55.4

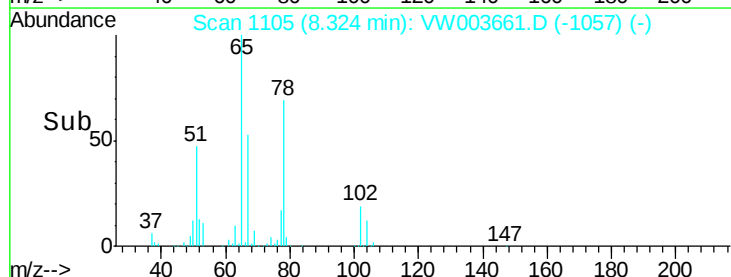
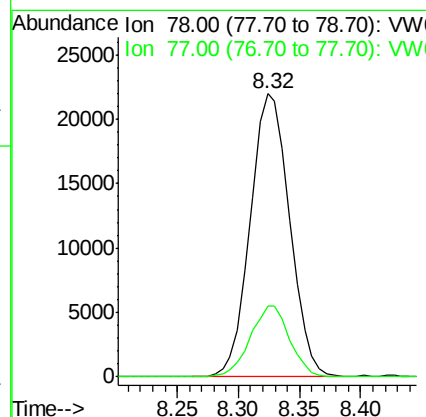
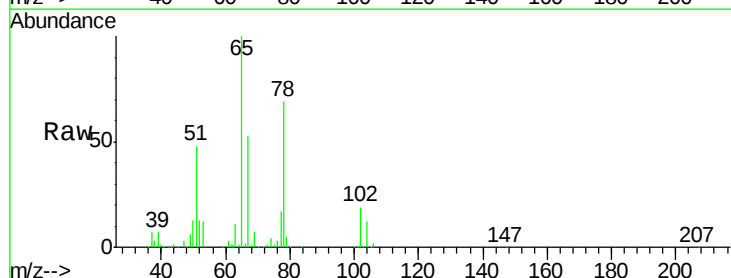
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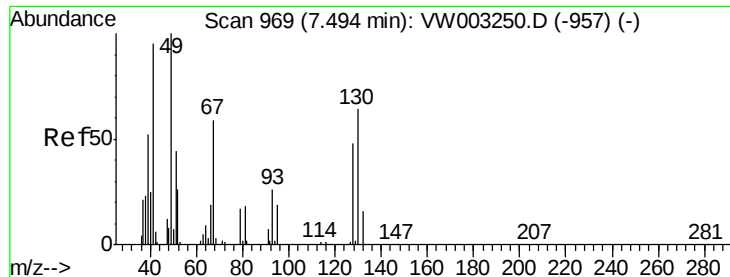
apatel
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#40
Benzene
Concen: 6.04 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.01 min
Lab File: VW003661.D
Acq: 29 Jun 2018 15:32

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.0	19.0	28.6





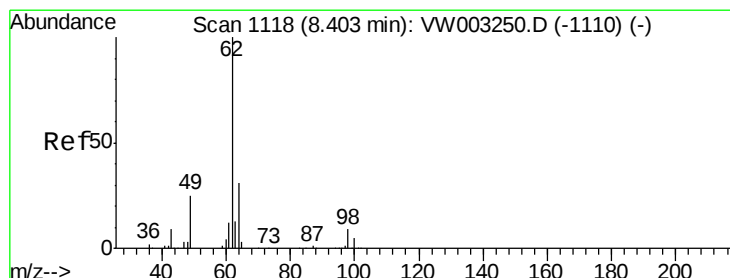
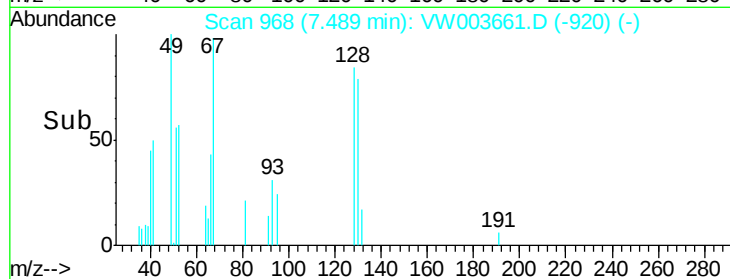
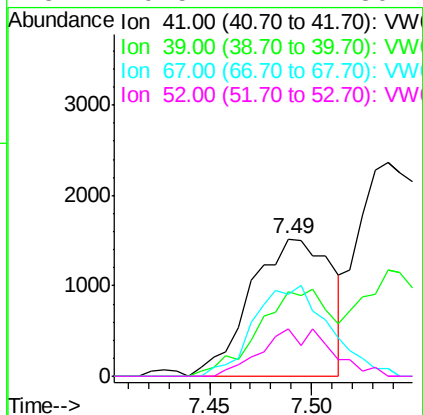
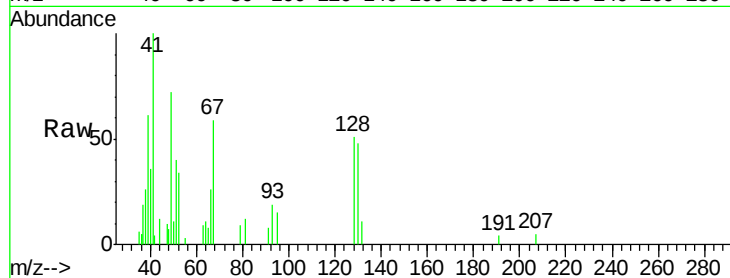
#41
Methacrylonitrile
Concen: 5.57 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.01 min
Lab File: VW003661.D
Acq: 29 Jun 2018 15:32

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SCM-Precision-Bias-2

Tot Ion:	41	Resp:	4190
Ion	Ratio	Lower	Upper
41	100		
39	56.1	45.8	68.8
67	61.8	52.3	78.5
52	29.5	24.1	36.1

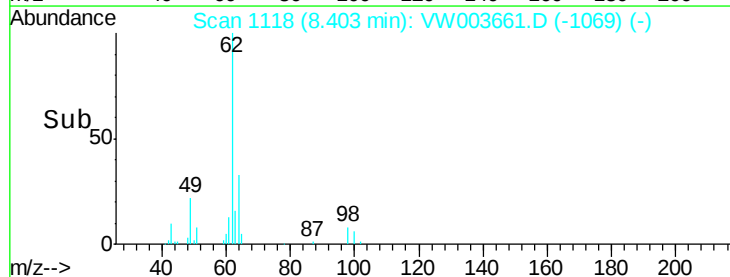
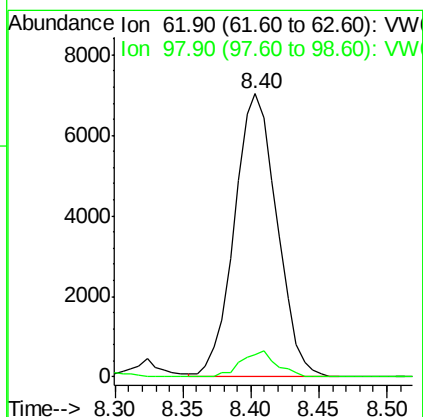
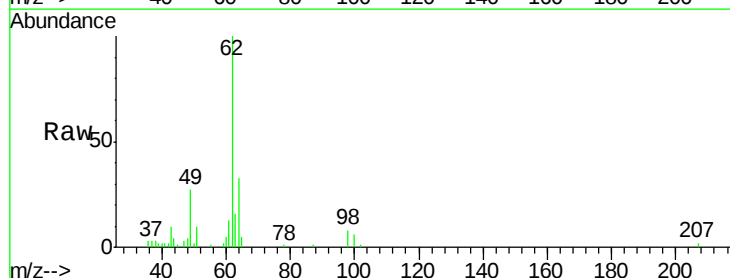
Manual Integrations
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apatel
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#42
1,2-Dichloroethane
Concen: 6.03 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW003661.D
Acq: 29 Jun 2018 15:32

Tgt Ion:	62	Resp:	15398
Ion	Ratio	Lower	Upper
62	100		
98	7.5	0.0	17.2





#43

Isopropyl Acetate

Concen: 5.49 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VW003661.D

Acq: 29 Jun 2018 15:32

Instrument :

MSVOA_W

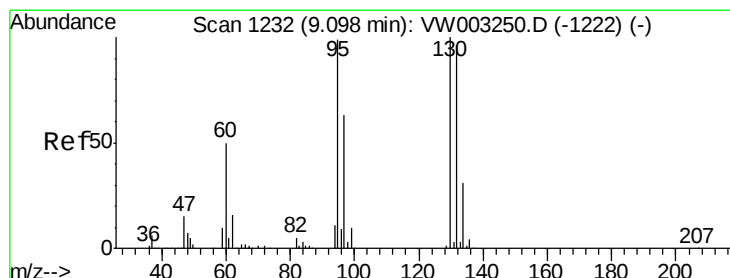
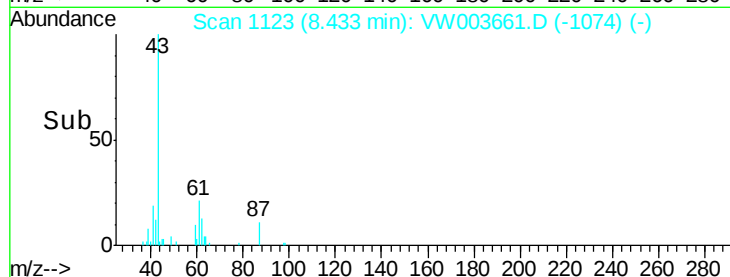
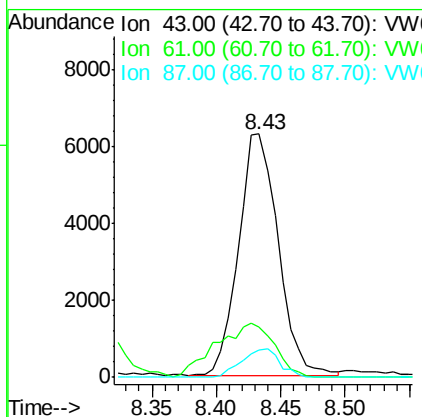
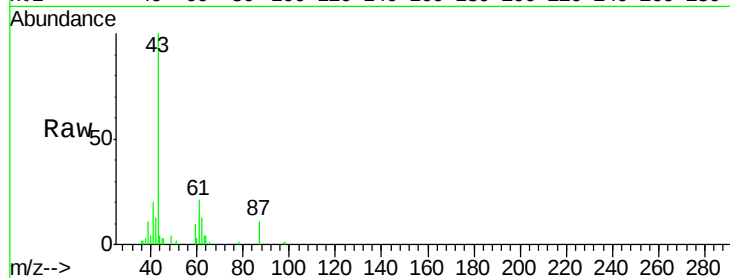
ClientSampleId :

LOQ-SCM-Precision-Bias-2

Tot Ion:	43	Resp:	13363
Ion	Ratio	Lower	Upper
43	100		
61	33.0	23.1	34.7
87	11.5	9.8	14.6

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#44

Trichloroethene

Concen: 5.96 ug/l

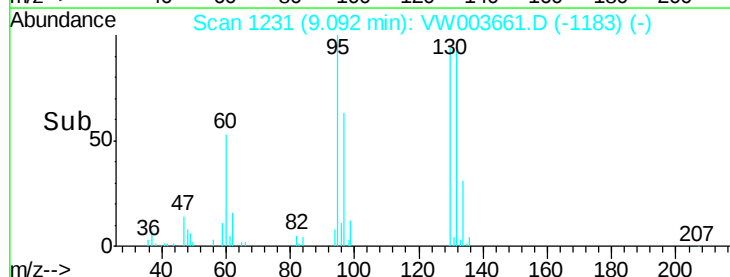
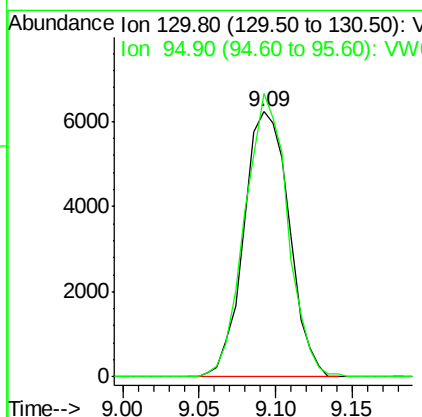
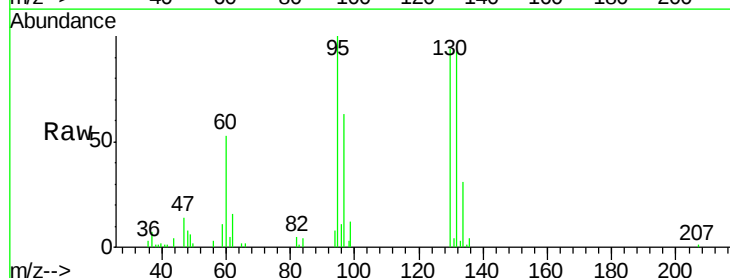
RT: 9.09 min Scan# 1231

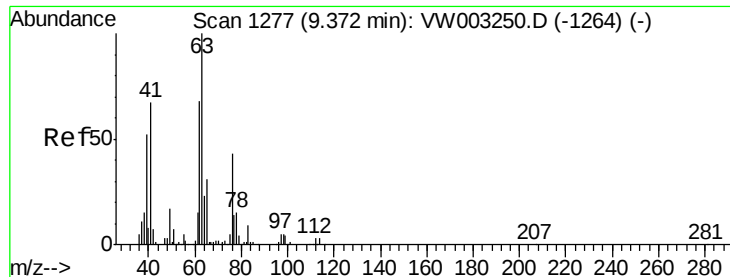
Delta R.T. -0.01 min

Lab File: VW003661.D

Acq: 29 Jun 2018 15:32

Tgt Ion:	130	Resp:	12875
Ion	Ratio	Lower	Upper
130	100		
95	106.7	0.0	198.0





#45

1,2-Dichloropropane

Concen: 5.97 ug/l

RT: 9.38 min Scan# 1278

Delta R.T. 0.01 min

Lab File: VW003661.D

Acq: 29 Jun 2018 15:32

Instrument :

MSVOA_W

ClientSampleId :

LOQ-SCM-Precision-Bias-2

Tot Ion: 63 Resp: 12398

Ion Ratio Lower Upper

63 100

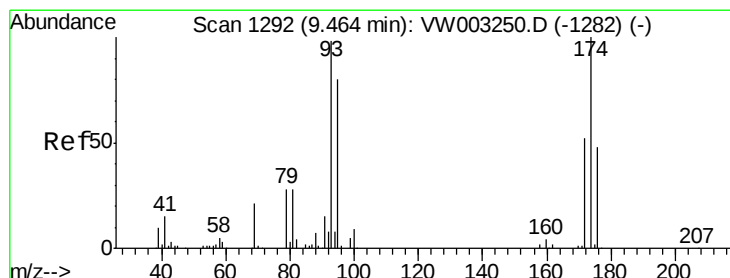
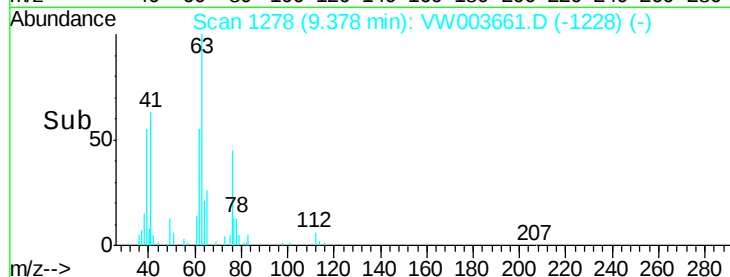
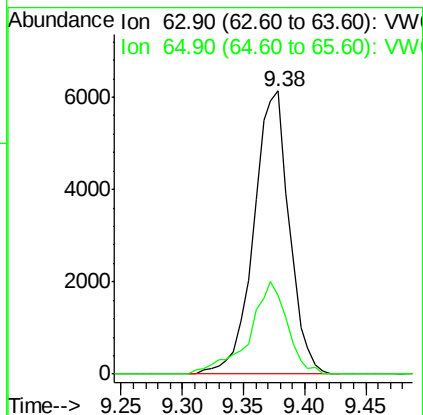
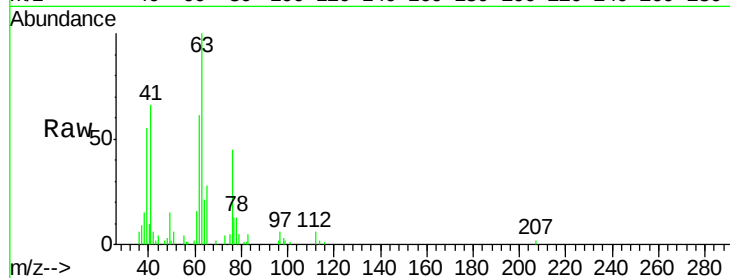
65 27.7 25.1 37.7

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#46

Dibromomethane

Concen: 5.92 ug/l

RT: 9.46 min Scan# 1291

Delta R.T. -0.01 min

Lab File: VW003661.D

Acq: 29 Jun 2018 15:32

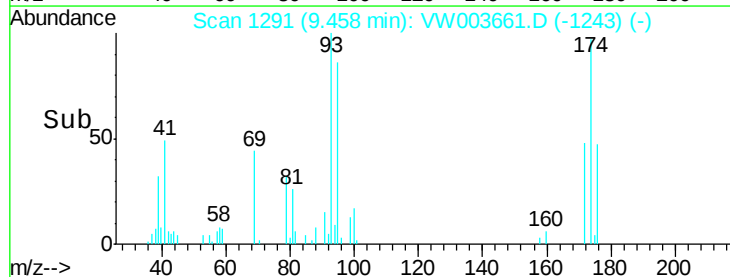
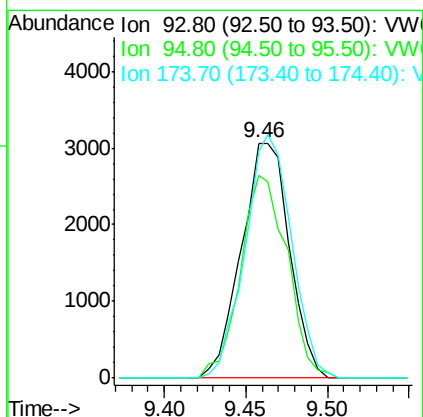
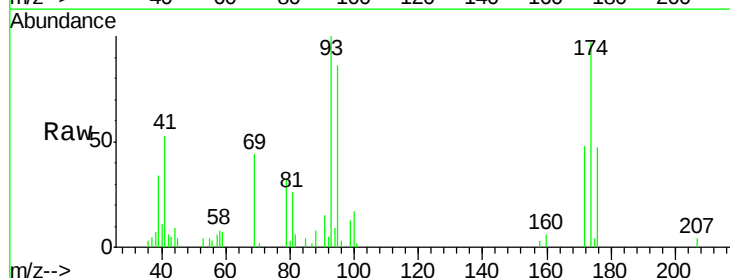
Tgt Ion: 93 Resp: 6290

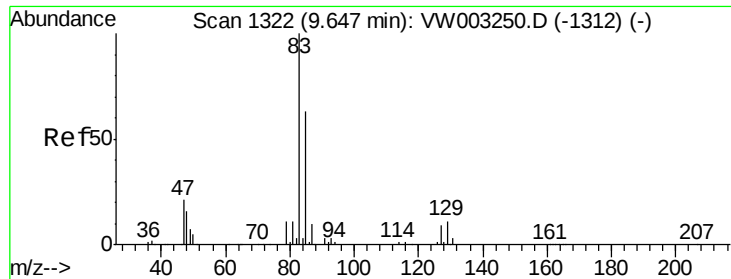
Ion Ratio Lower Upper

93 100

95 83.5 65.8 98.8

174 100.7 81.4 122.0





#47

Bromodichloromethane

Concen: 5.79 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW003661.D

Acq: 29 Jun 2018 15:32

Instrument :

MSVOA_W

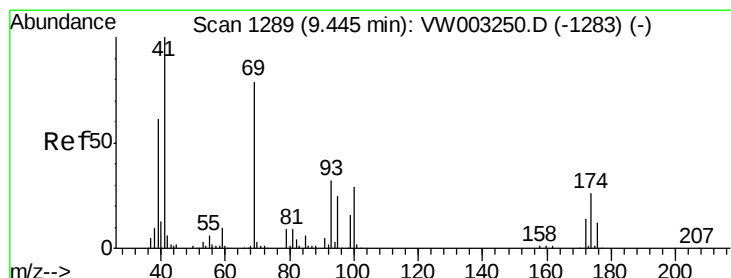
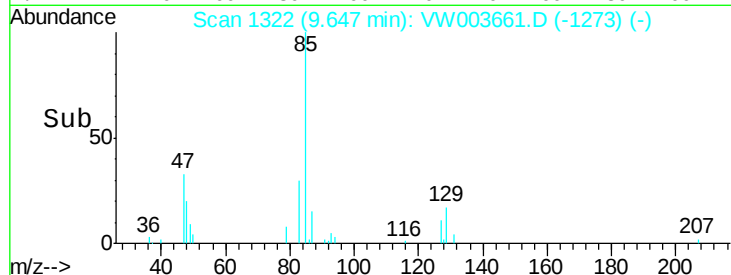
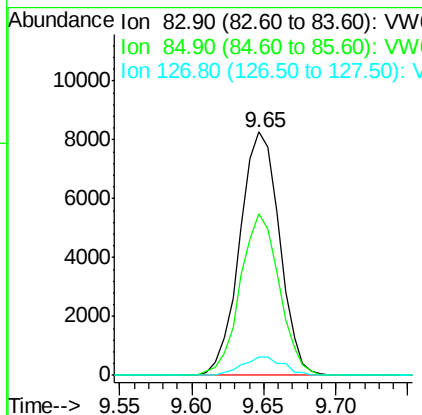
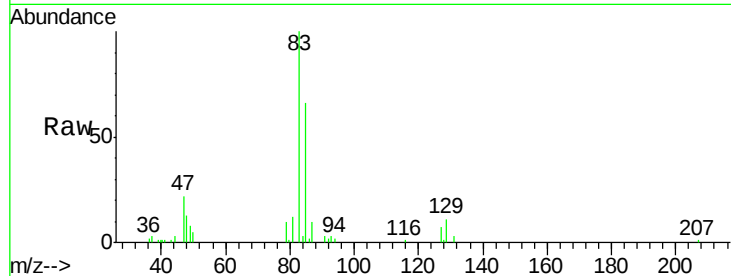
ClientSampleId :

LOQ-SCM-Precision-Bias-2

Tot Ion:	83	Resp:	15773
Ion	Ratio	Lower	Upper
83	100		
85	66.3	50.6	75.8
127	7.4	6.8	10.2

Manual Integrations
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#48

Methyl methacrylate

Concen: 5.24 ug/l

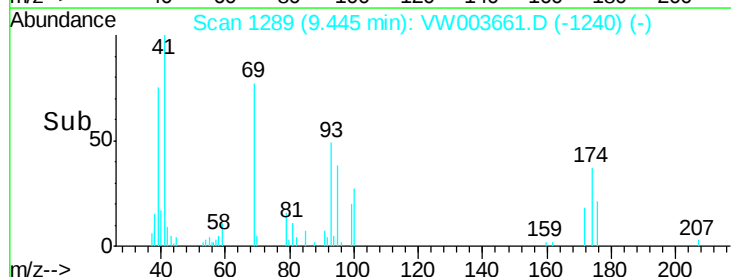
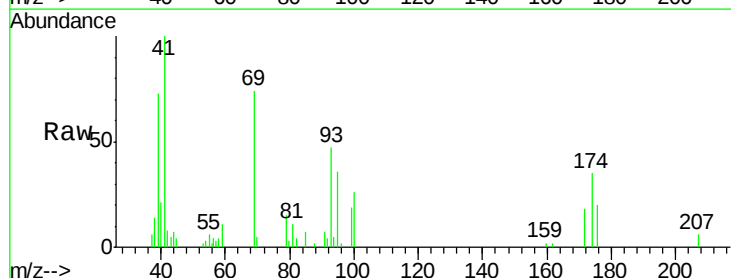
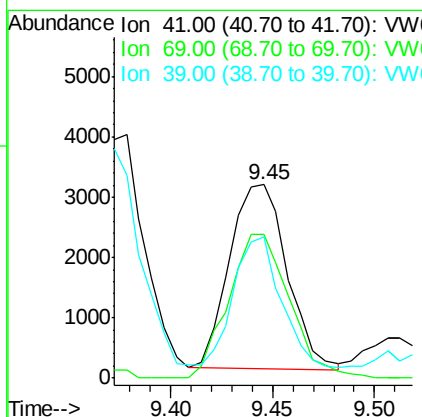
RT: 9.45 min Scan# 1289

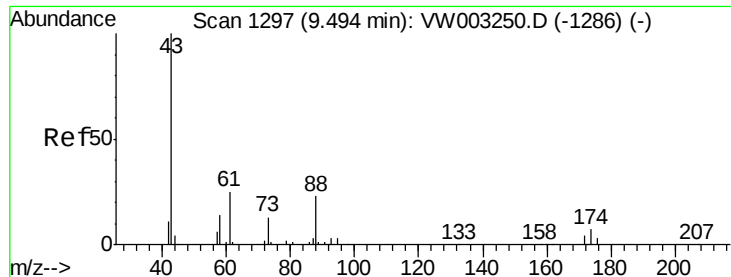
Delta R.T. 0.00 min

Lab File: VW003661.D

Acq: 29 Jun 2018 15:32

Tgt Ion:	41	Resp:	5994
Ion	Ratio	Lower	Upper
41	100		
69	82.8	65.4	98.2
39	71.4	54.2	81.2





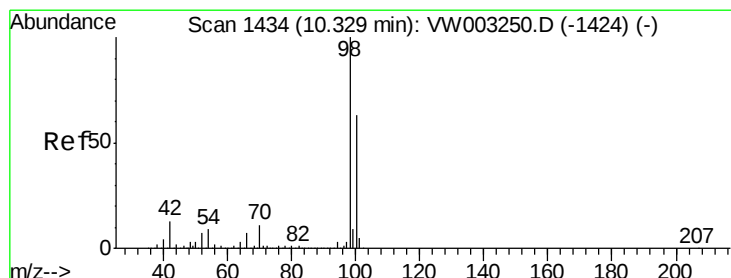
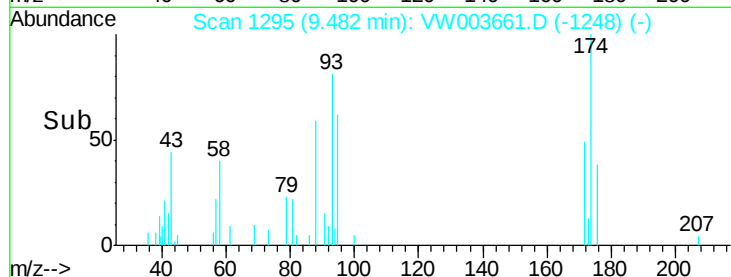
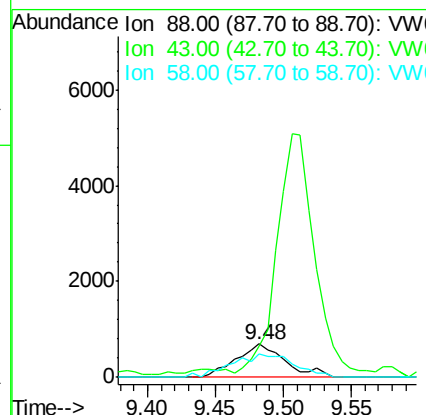
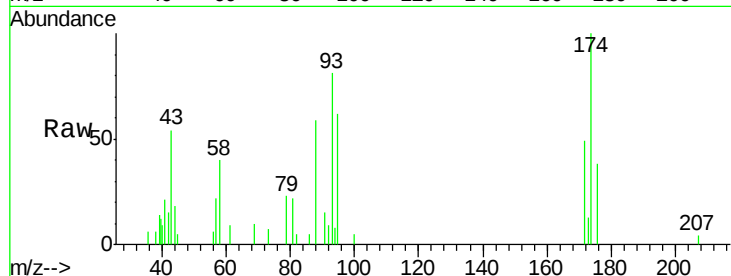
#49
 1,4-Dioxane
 Concen: 110.56 ug/l
 RT: 9.48 min Scan# 1295
 Delta R.T. -0.01 min
 Lab File: VW003661.D
 Acq: 29 Jun 2018 15:32

Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SCM-Precision-Bias-2

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	454.7	682.1#
58	87.9	58.6	88.0

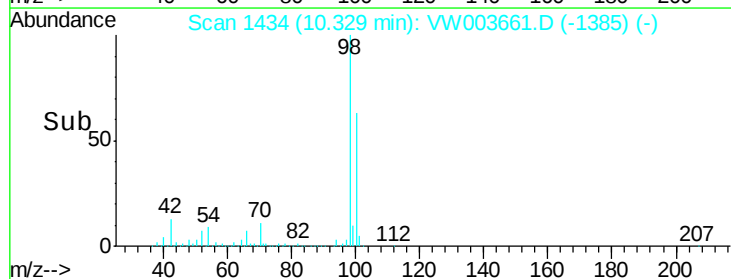
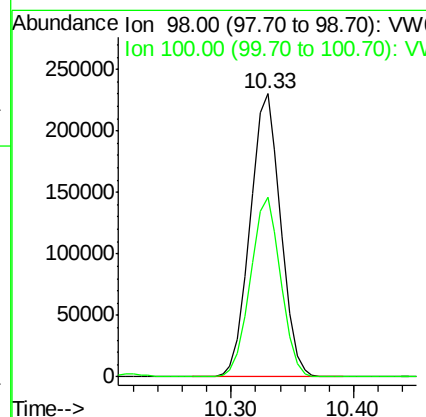
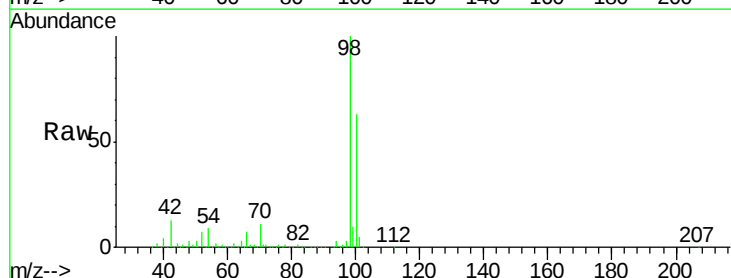
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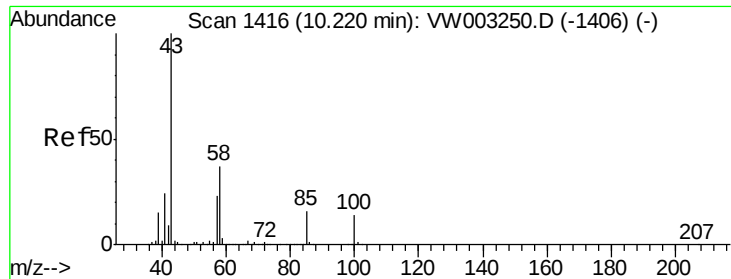
apatel
 7/2/2018 10:30:40 AM



#50
 Toluene-d8
 Concen: 52.93 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW003661.D
 Acq: 29 Jun 2018 15:32

Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.9	50.8	76.2





#51

4-Methyl-2-Pentanone

Concen: 27.70 ug/l

RT: 10.22 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VW003661.D

Acq: 29 Jun 2018 15:32

Instrument :

MSVOA_W

ClientSampleId :

LOQ-SCM-Precision-Bias-2

Tot Ion: 43 Resp: 34363

Ion Ratio Lower Upper

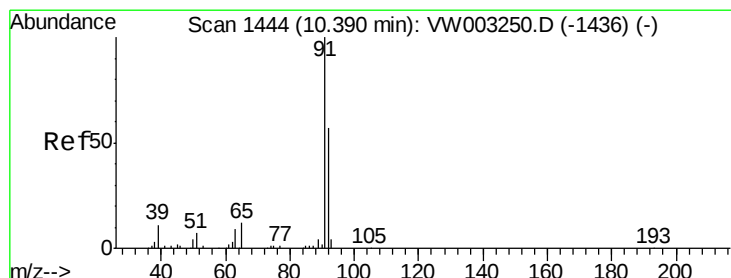
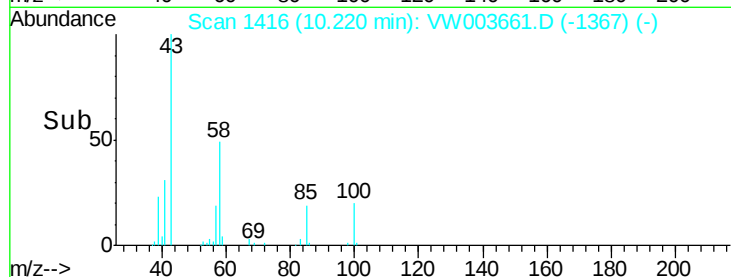
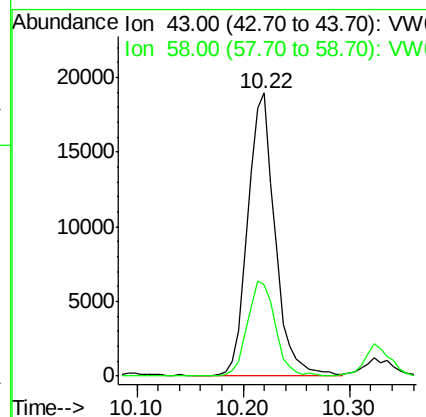
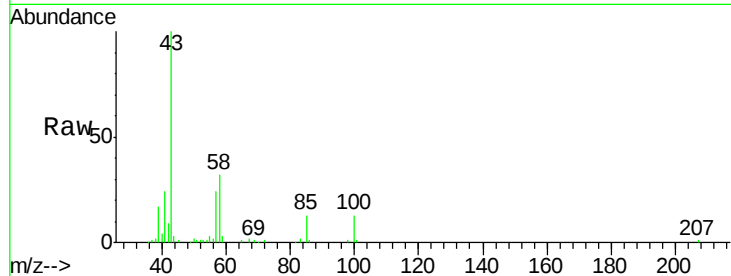
43 100

58 34.2 29.0 43.4

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#52

Toluene

Concen: 5.99 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW003661.D

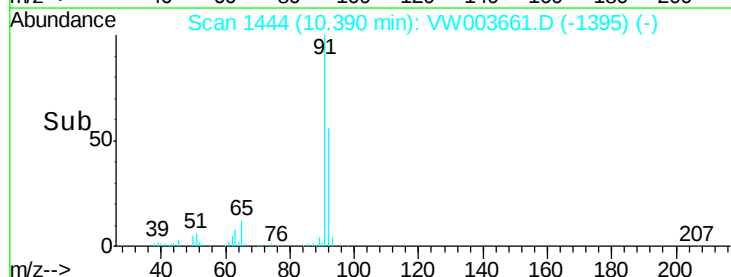
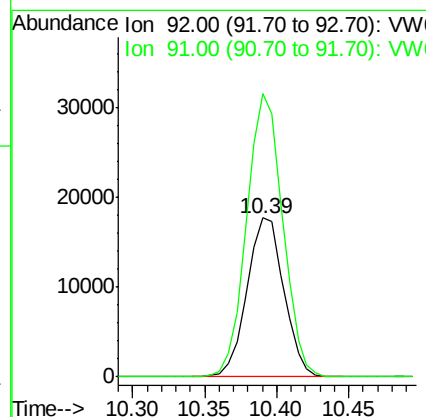
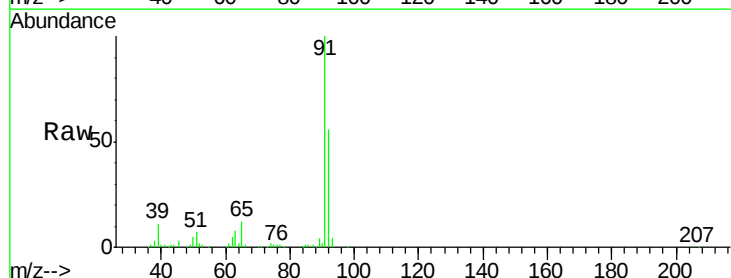
Acq: 29 Jun 2018 15:32

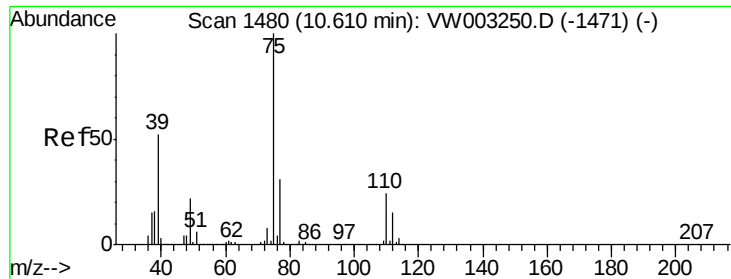
Tgt Ion: 92 Resp: 31313

Ion Ratio Lower Upper

92 100

91 174.5 141.1 211.7





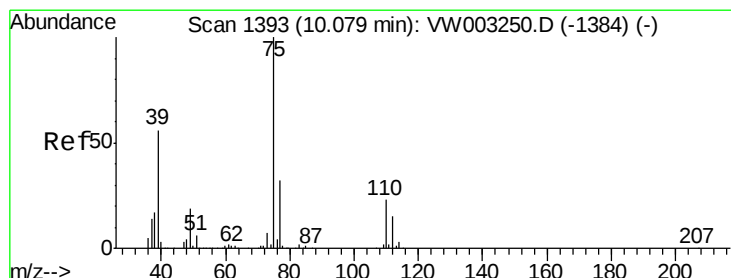
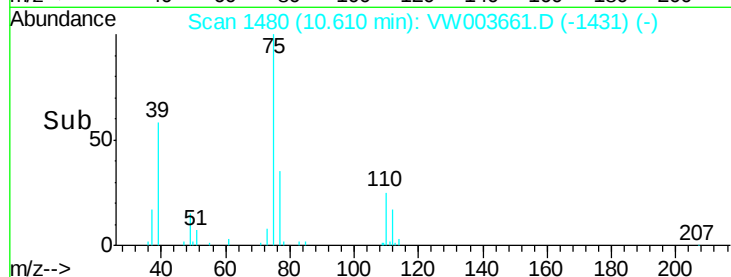
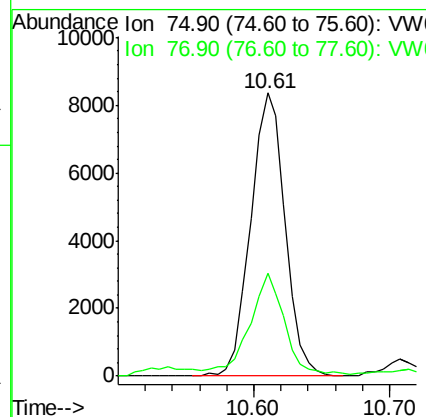
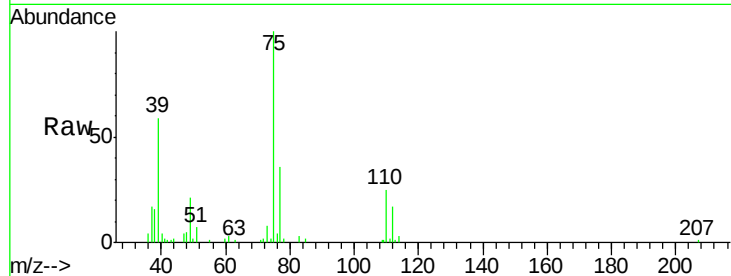
#53
t-1,3-Dichloropropene
Concen: 5.32 ug/l
RT: 10.61 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VW003661.D
Acq: 29 Jun 2018 15:32

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SCM-Precision-Bias-2

Tot Ion	Ion	Ratio	Resp	Lower	Upper
75	100		14815		
77	35.2		24.9	37.3	

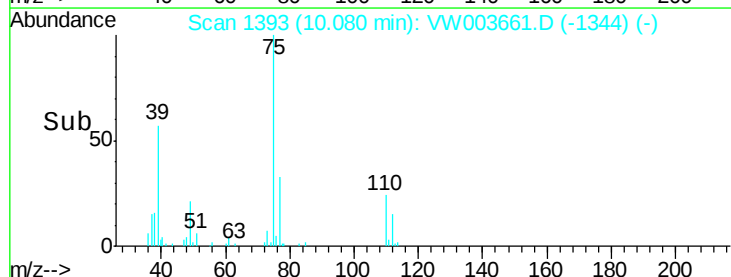
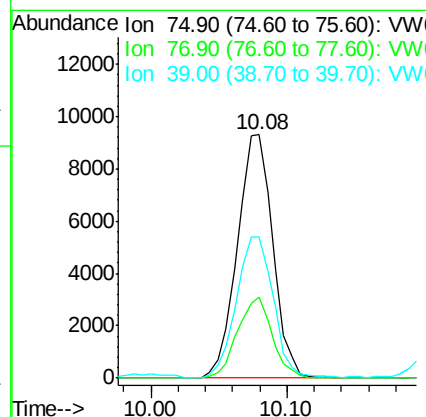
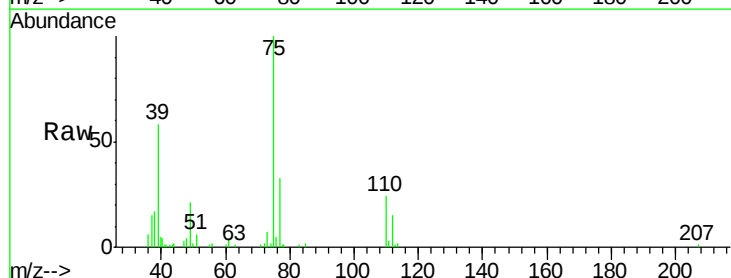
Manual Integrations
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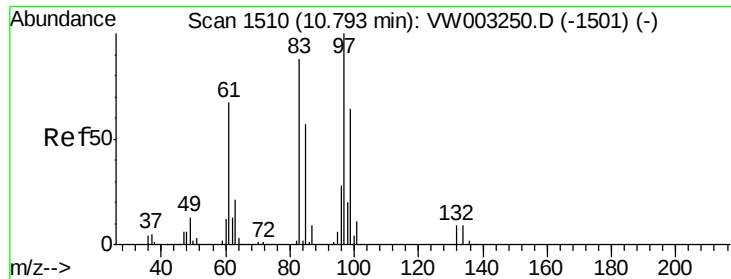
apatel
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#54
cis-1,3-Dichloropropene
Concen: 5.35 ug/l
RT: 10.08 min Scan# 1393
Delta R.T. 0.00 min
Lab File: VW003661.D
Acq: 29 Jun 2018 15:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
75	100		16956		
77	33.1		25.8	38.6	
39	58.2		45.2	67.8	





#55

1,1,2-Trichloroethane

Concen: 5.58 ug/l

RT: 10.79 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VW003661.D

Acq: 29 Jun 2018 15:32

Instrument :

MSVOA_W

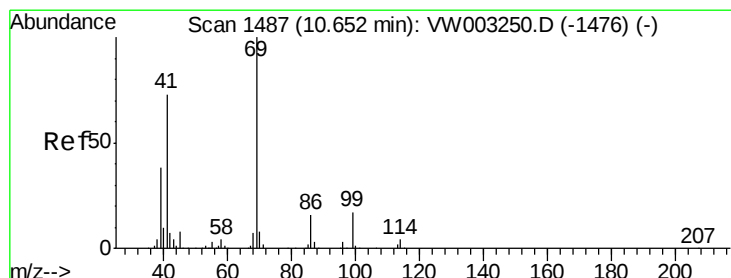
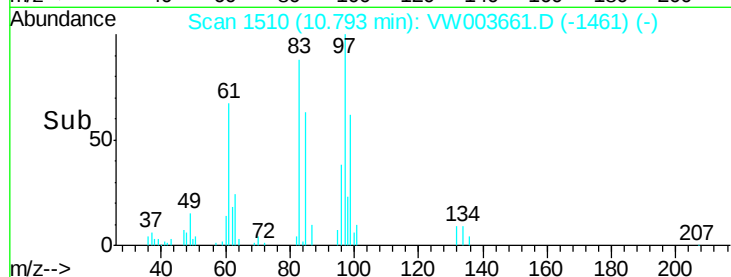
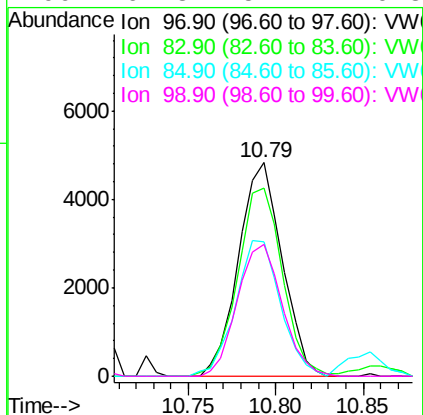
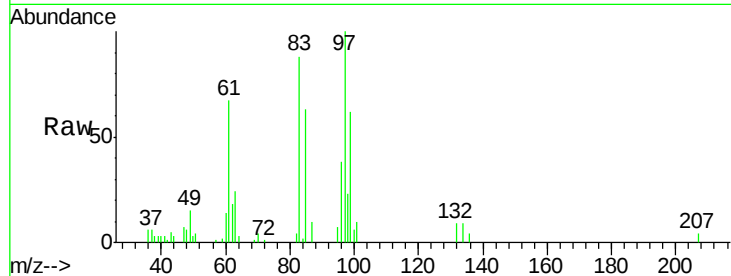
ClientSampleId :

LOQ-SCM-Precision-Bias-2

Tot Ion:	97	Resp:	8368
Ion	Ratio	Lower	Upper
97	100		
83	88.1	70.2	105.2
85	63.0	45.6	68.4
99	61.8	51.2	76.8

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#56

Ethyl methacrylate

Concen: 5.01 ug/l

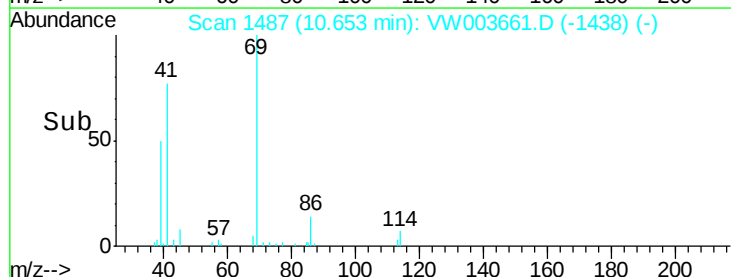
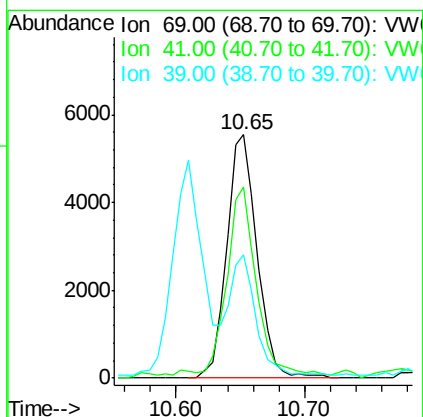
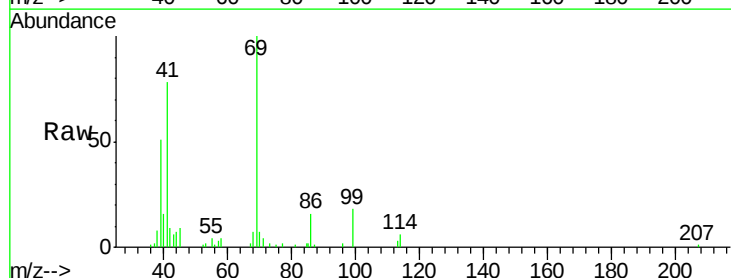
RT: 10.65 min Scan# 1487

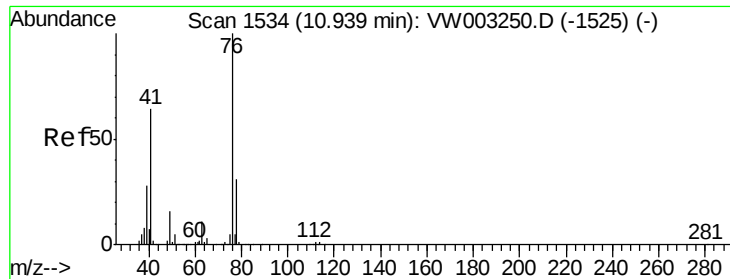
Delta R.T. 0.00 min

Lab File: VW003661.D

Acq: 29 Jun 2018 15:32

Tgt Ion:	69	Resp:	9109
Ion	Ratio	Lower	Upper
69	100		
41	76.6	57.8	86.6
39	41.8	32.7	49.1





#57

1,3-Dichloropropane

Concen: 5.90 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VW003661.D

Acq: 29 Jun 2018 15:32

Instrument :

MSVOA_W

ClientSampleId :

LOQ-SCM-Precision-Bias-2

Tot Ion: 76 Resp: 15259

Ion Ratio Lower Upper

76 100

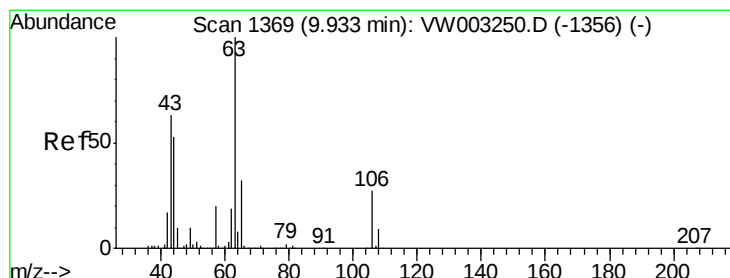
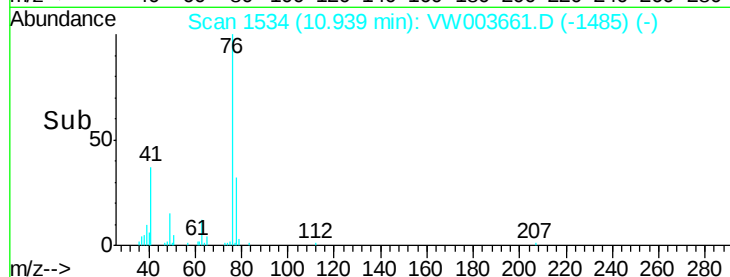
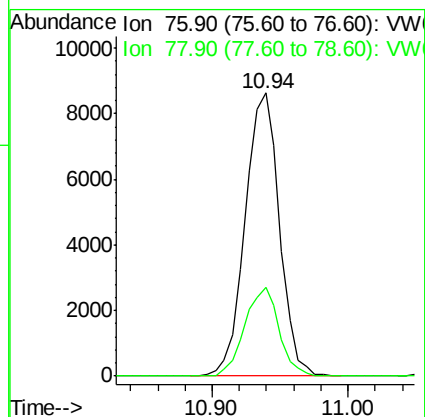
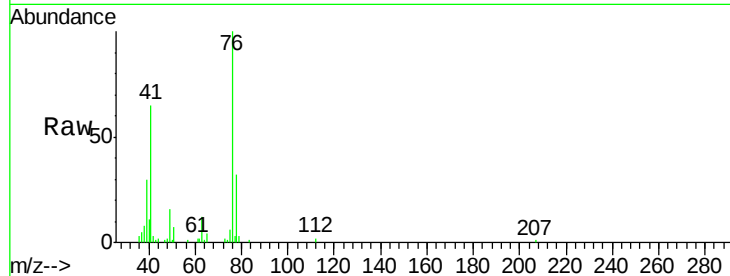
78 31.3 25.7 38.5

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#58

2-Chloroethyl Vinyl ether

Concen: 25.89 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. -0.01 min

Lab File: VW003661.D

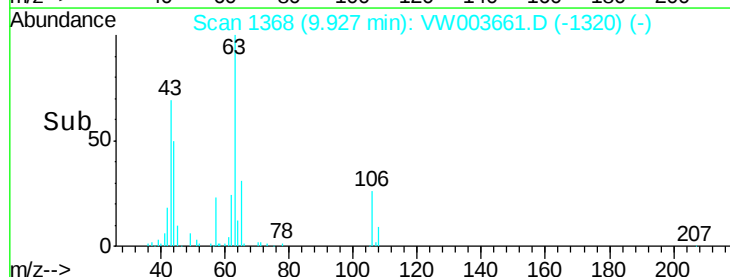
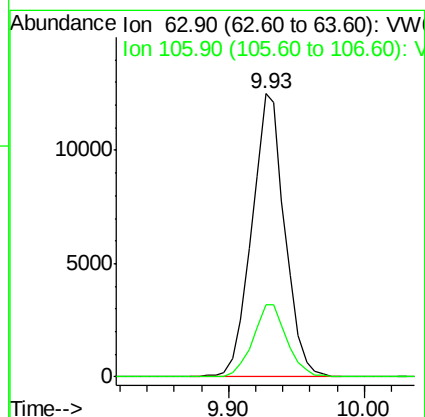
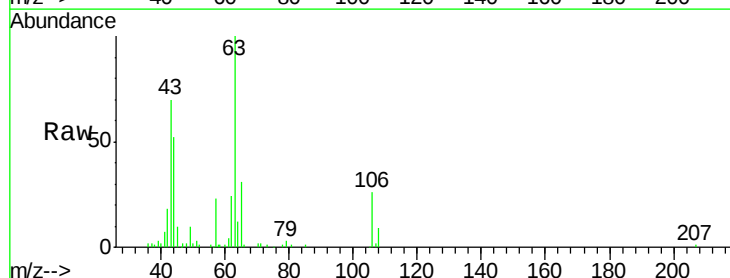
Acq: 29 Jun 2018 15:32

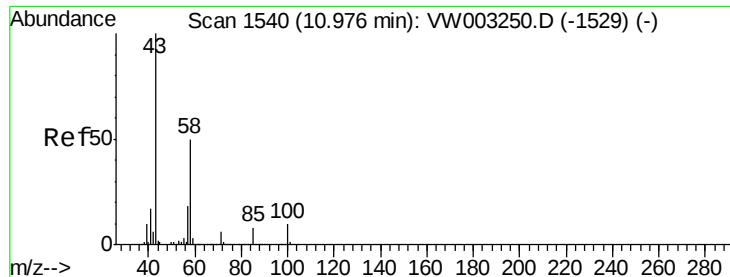
Tgt Ion: 63 Resp: 21121

Ion Ratio Lower Upper

63 100

106 26.4 21.8 32.8





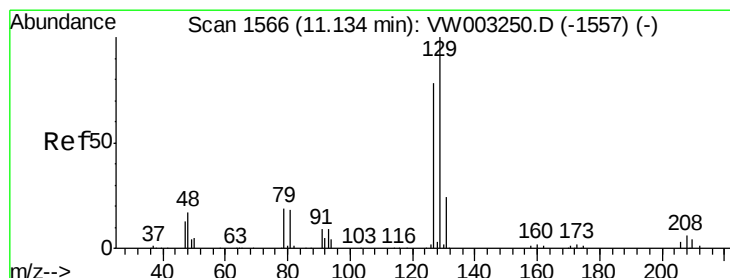
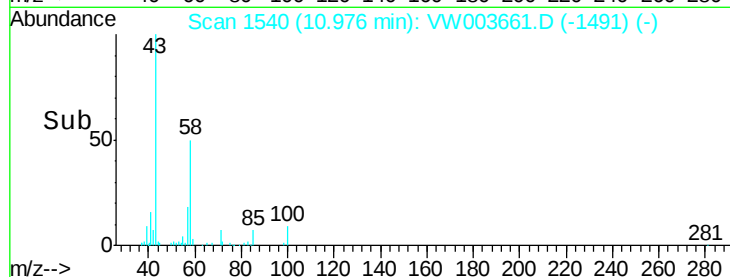
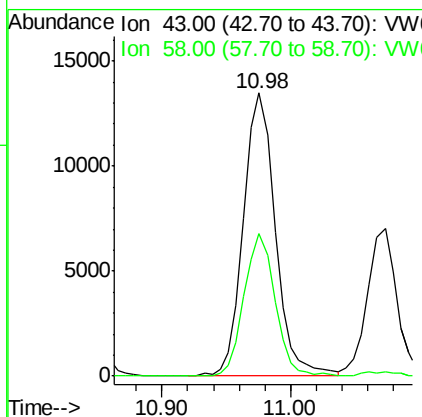
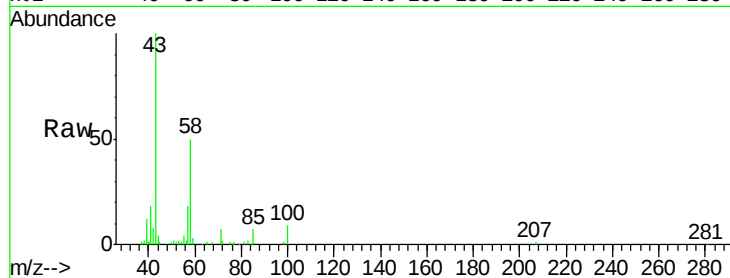
#59
2-Hexanone
Concen: 26.76 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW003661.D
Acq: 29 Jun 2018 15:32

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SCM-Precision-Bias-2

Tot Ion: 43 Resp: 23188
Ion Ratio Lower Upper
43 100
58 48.5 25.0 75.0

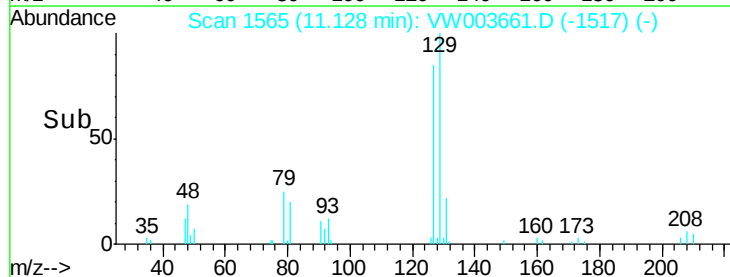
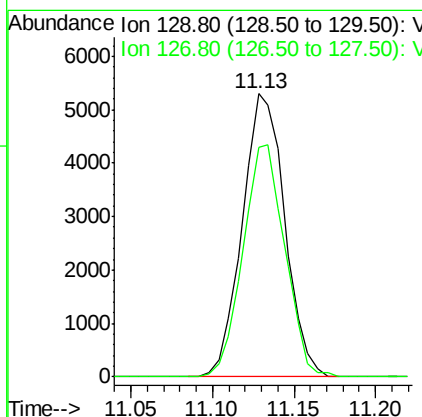
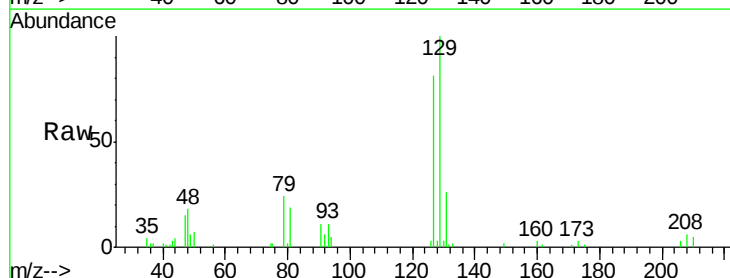
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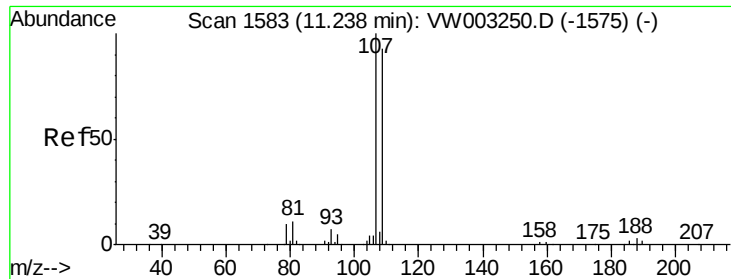
apatel
7/2/2018 10:30:40 AM



#60
Dibromochloromethane
Concen: 5.39 ug/l
RT: 11.13 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VW003661.D
Acq: 29 Jun 2018 15:32

Tgt Ion: 129 Resp: 9607
Ion Ratio Lower Upper
129 100
127 80.8 39.1 117.5





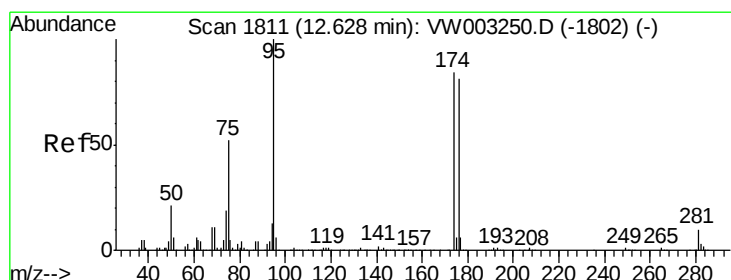
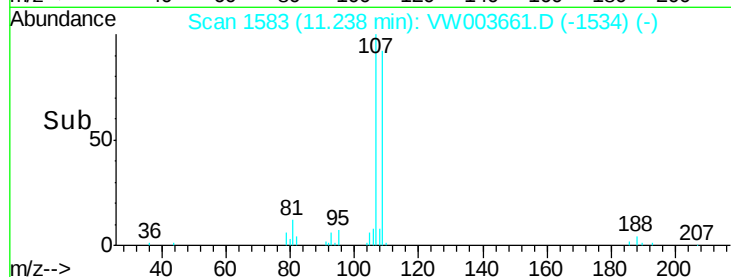
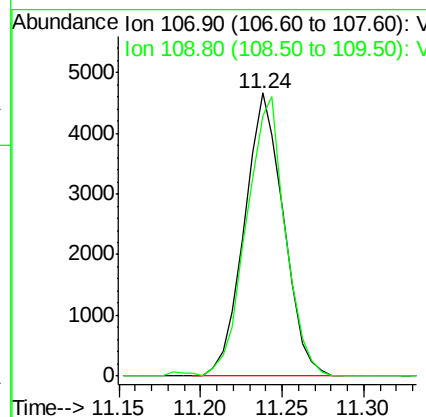
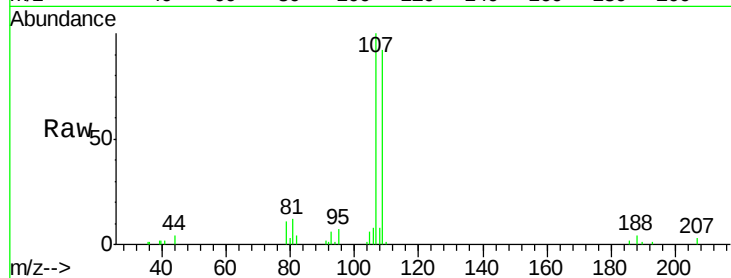
#61
 1,2-Dibromoethane
 Concen: 5.51 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW003661.D
 Acq: 29 Jun 2018 15:32

Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SCM-Precision-Bias-2

Tot Ion	Ratio	Lower	Upper
107	100		
109	97.5	75.8	113.6

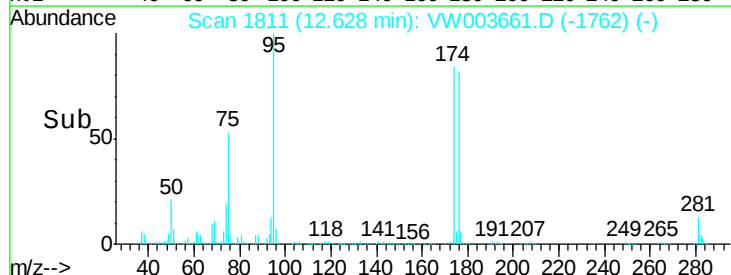
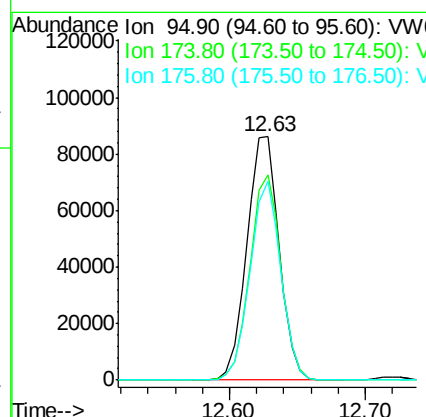
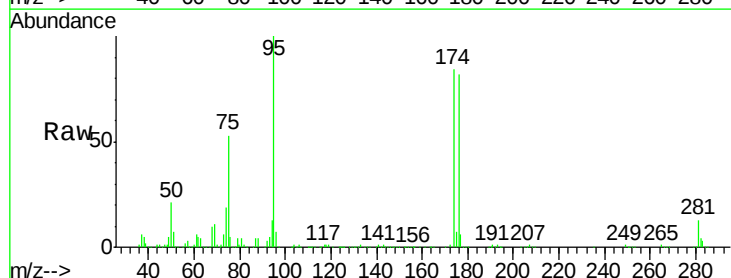
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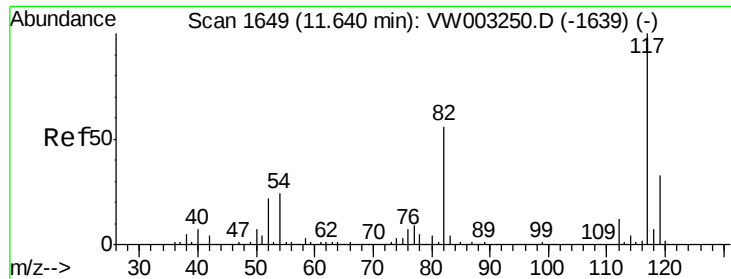
apatel
 7/2/2018 10:30:40 AM



#62
 4-Bromofluorobenzene
 Concen: 53.60 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW003661.D
 Acq: 29 Jun 2018 15:32

Tgt Ion	Ratio	Lower	Upper
95	100		
174	81.5	0.0	166.4
176	78.0	0.0	162.0





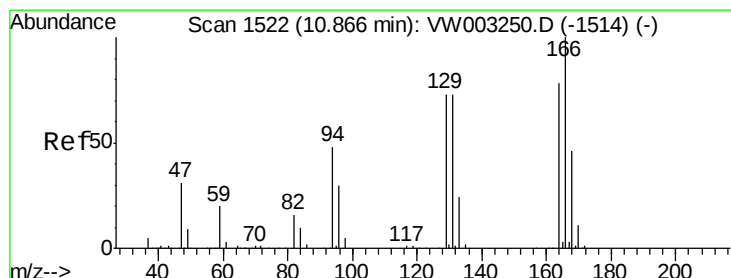
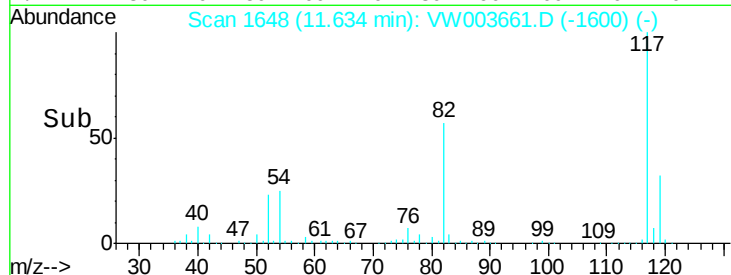
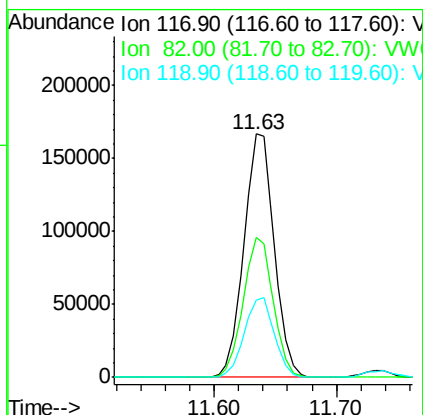
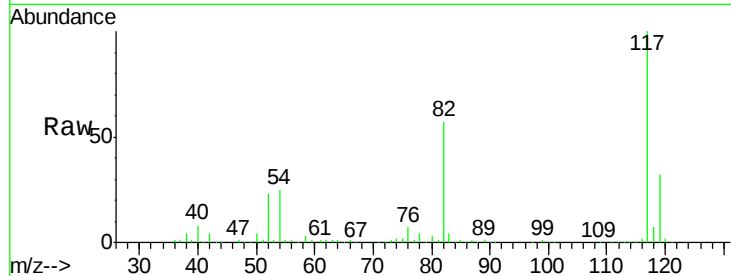
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW003661.D
Acq: 29 Jun 2018 15:32

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SCM-Precision-Bias-2

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.3	44.6	67.0
119	31.6	26.7	40.1

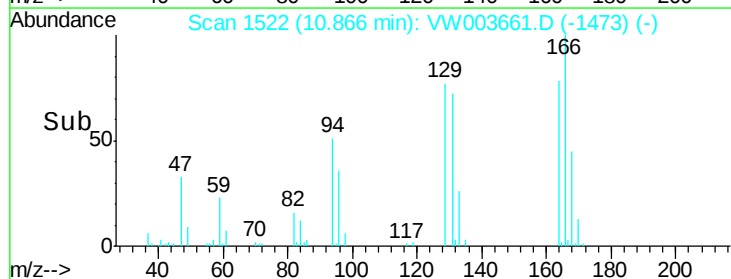
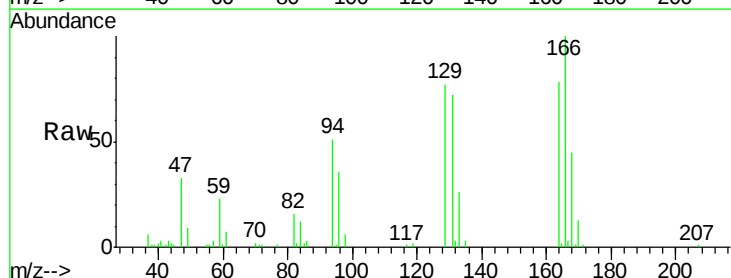
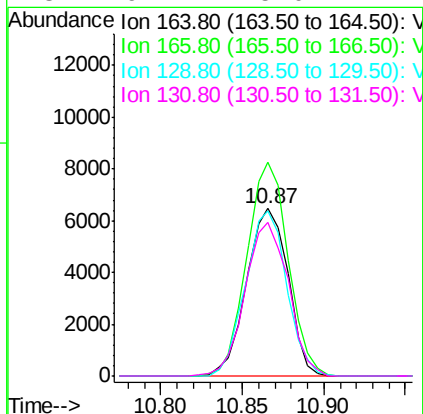
Manual Integrations
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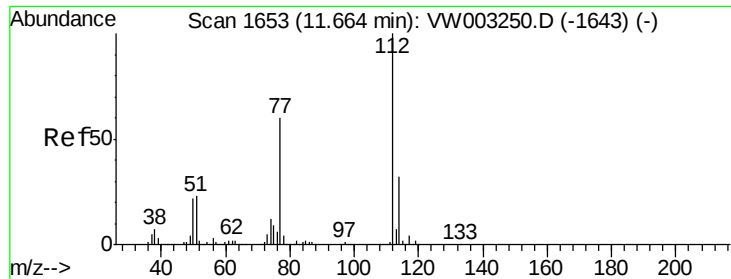
apatel
7/2/2018 10:30:40 AM



#64
Tetrachloroethene
Concen: 5.95 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003661.D
Acq: 29 Jun 2018 15:32

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.5	102.6	154.0
129	98.7	75.2	112.8
131	91.4	75.0	112.4





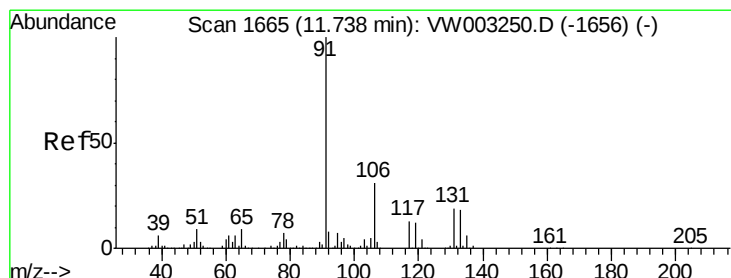
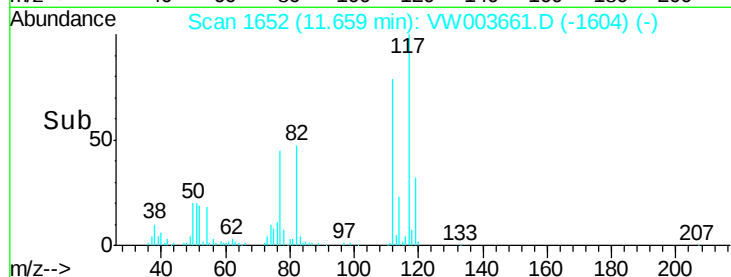
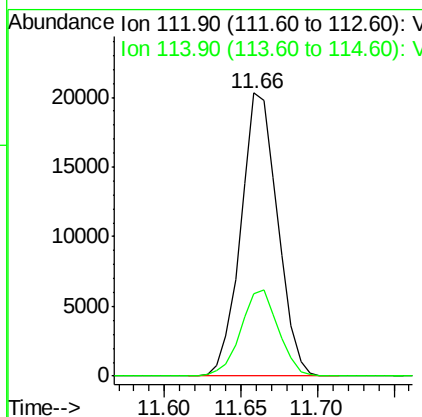
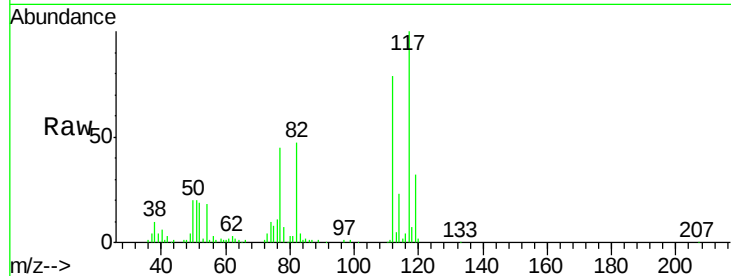
#65
Chlorobenzene
Concen: 5.66 ug/l
RT: 11.66 min Scan# 1652
Delta R.T. -0.01 min
Lab File: VW003661.D
Acq: 29 Jun 2018 15:32

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SCM-Precision-Bias-2

Tot Ion	Ratio	Lower	Upper
112	100		
114	29.3	25.9	38.9

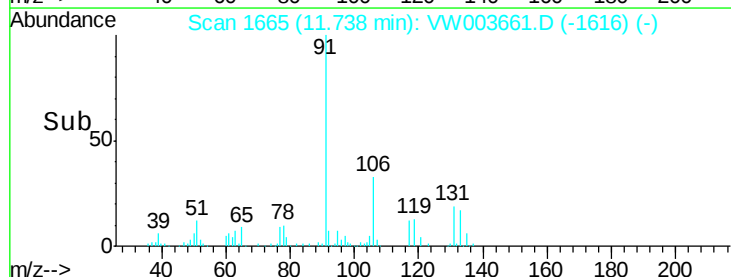
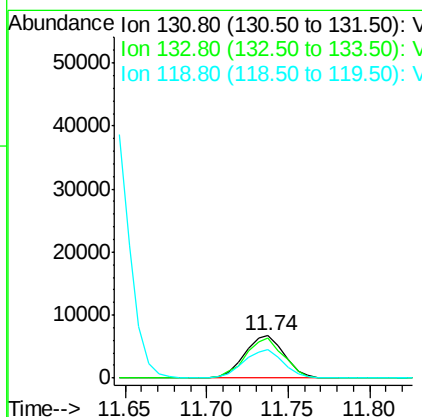
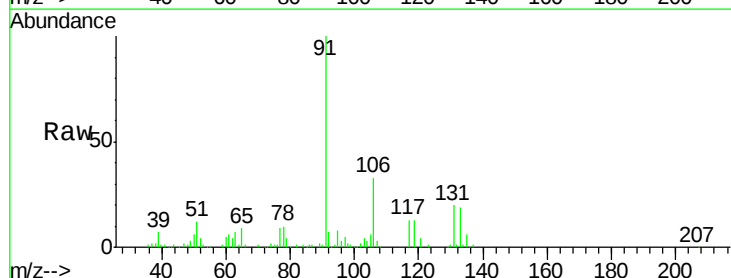
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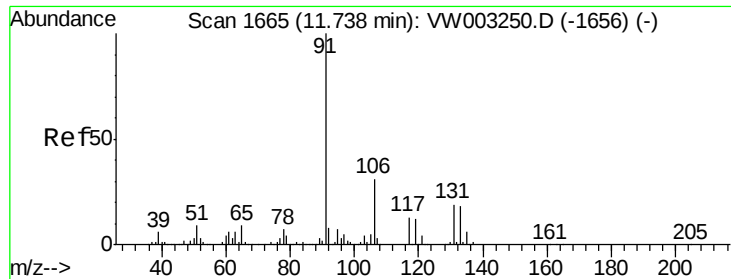
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 5.46 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003661.D
Acq: 29 Jun 2018 15:32

Tgt Ion	Ratio	Lower	Upper
131	100		
133	91.6	47.3	142.0
119	67.0	32.5	97.4





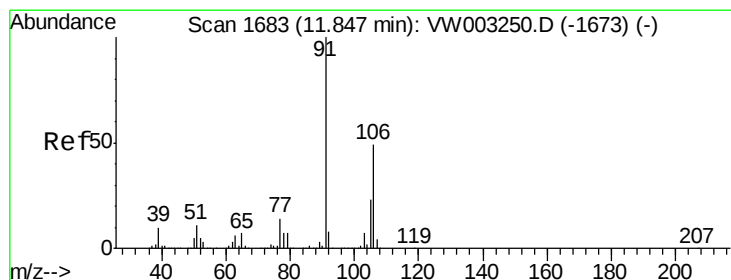
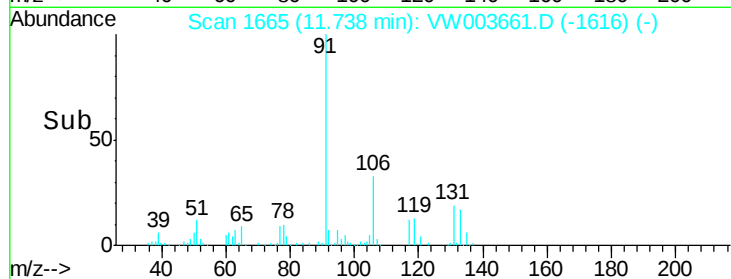
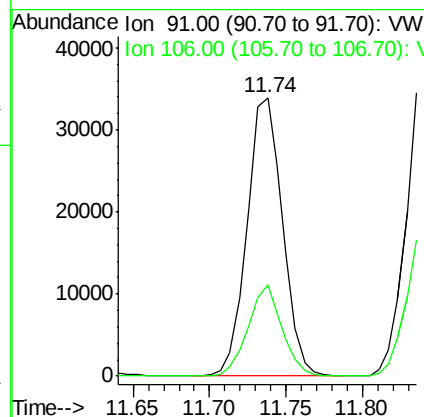
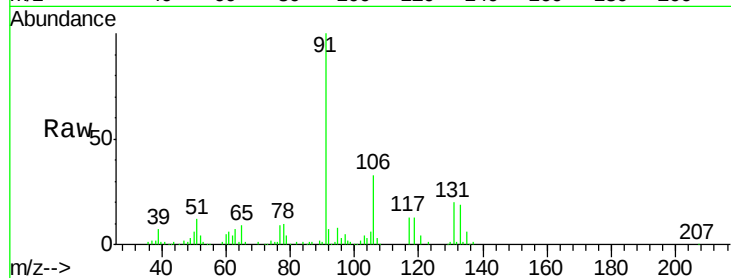
#67
Ethyl Benzene
Concen: 5.15 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003661.D
Acq: 29 Jun 2018 15:32

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SCM-Precision-Bias-2

Tot Ion: 91 Resp: 54597
Ion Ratio Lower Upper
91 100
106 32.8 24.7 37.1

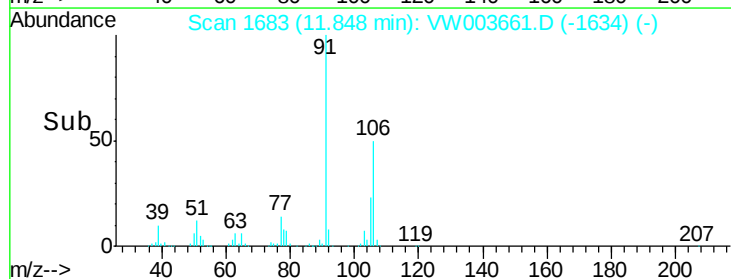
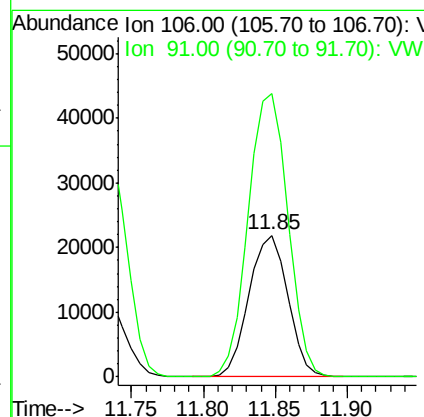
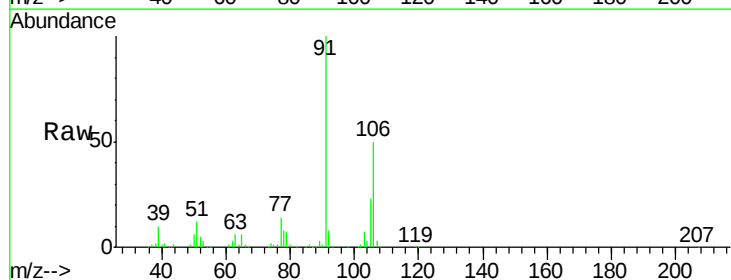
Manual Integrations
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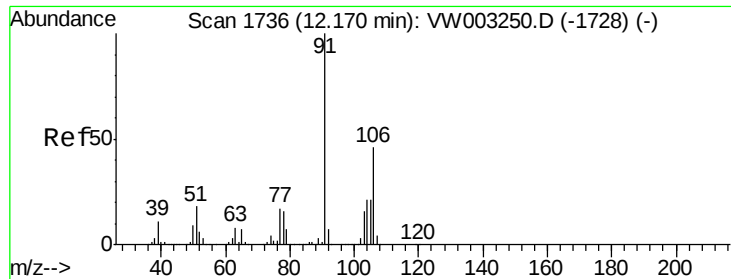
apatel
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#68
m/p-Xylenes
Concen: 10.19 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW003661.D
Acq: 29 Jun 2018 15:32

Tgt Ion: 106 Resp: 41029
Ion Ratio Lower Upper
106 100
91 204.2 165.4 248.0





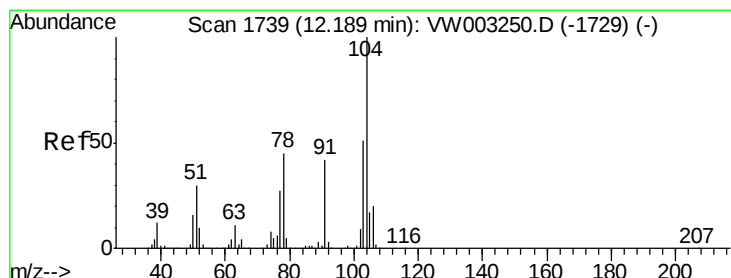
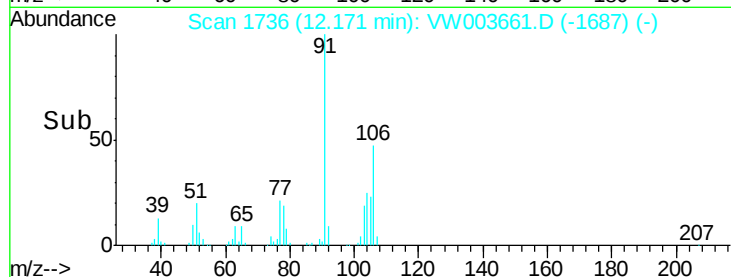
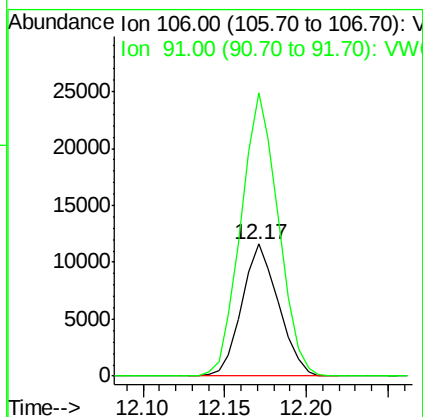
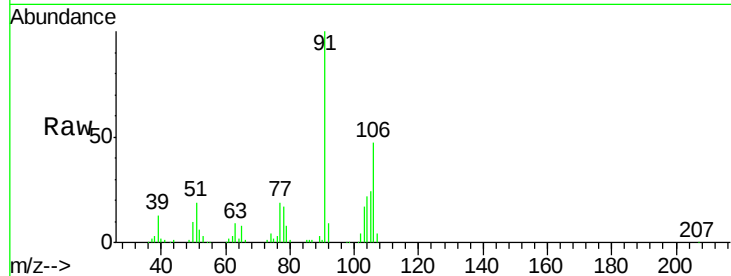
#69
o-Xylene
Concen: 4.88 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003661.D
Acq: 29 Jun 2018 15:32

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SCM-Precision-Bias-2

Tot Ion:106 Resp: 18229
Ion Ratio Lower Upper
106 100
91 217.9 108.6 325.6

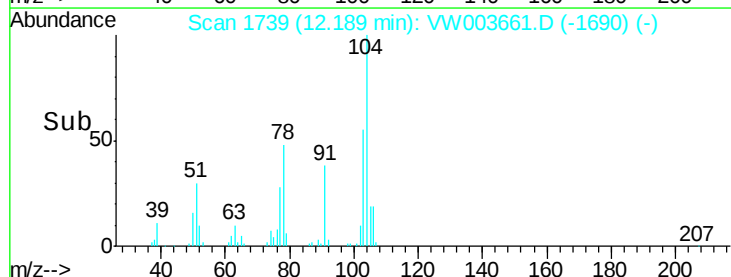
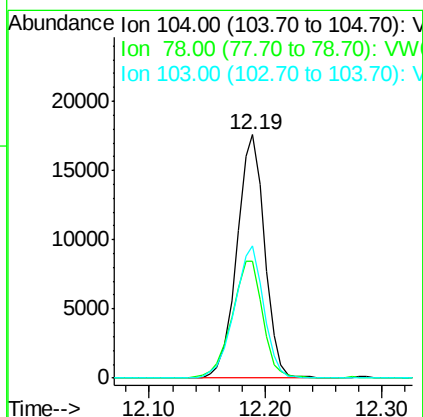
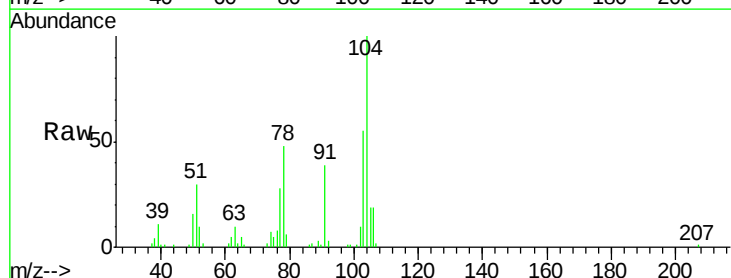
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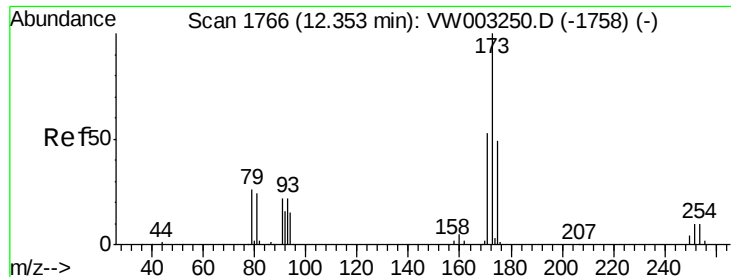
apatel
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#70
Styrene
Concen: 4.69 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW003661.D
Acq: 29 Jun 2018 15:32

Tgt Ion:104 Resp: 29118
Ion Ratio Lower Upper
104 100
78 53.4 41.3 61.9
103 58.0 45.0 67.4





#71

Bromoform

Concen: 4.90 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW003661.D

Acq: 29 Jun 2018 15:32

Instrument :

MSVOA_W

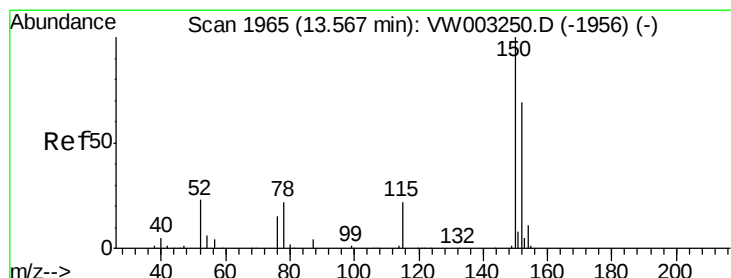
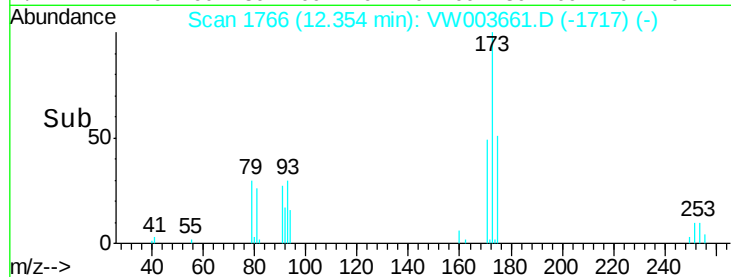
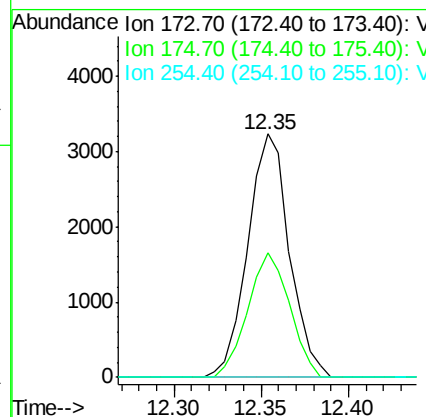
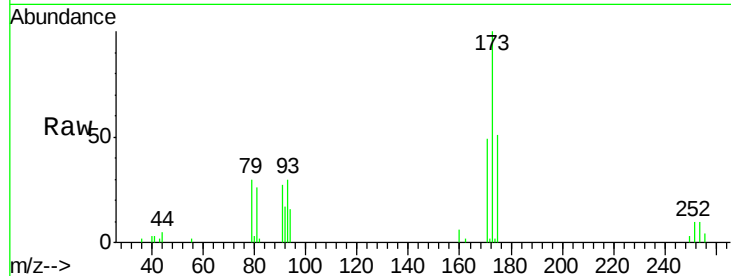
ClientSampleId :

LOQ-SCM-Precision-Bias-2

Tot Ion	Ratio	Lower	Upper
173	100		
175	51.2	24.4	73.4
254	0.0	0.1	0.1#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

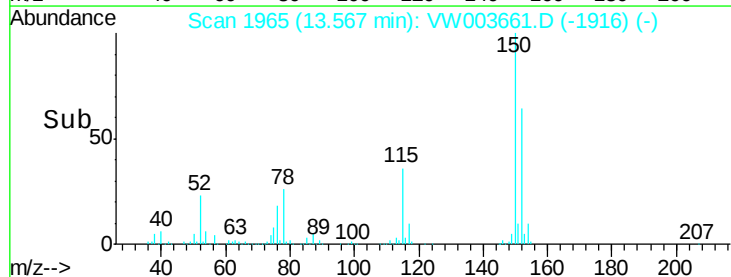
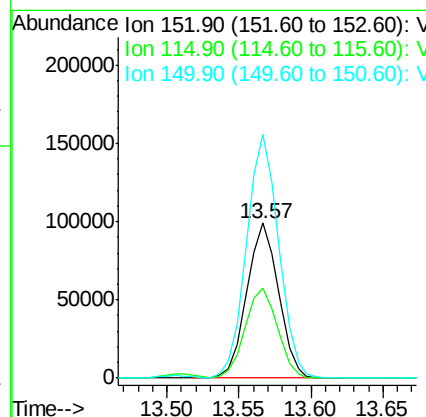
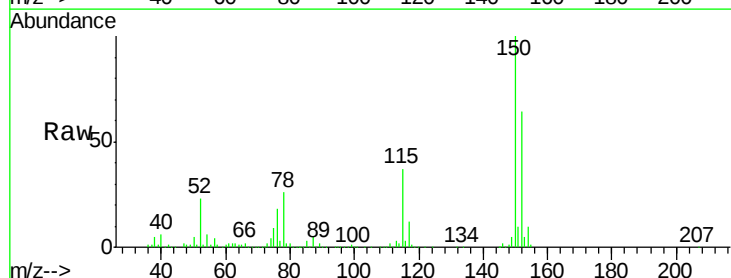
RT: 13.57 min Scan# 1965

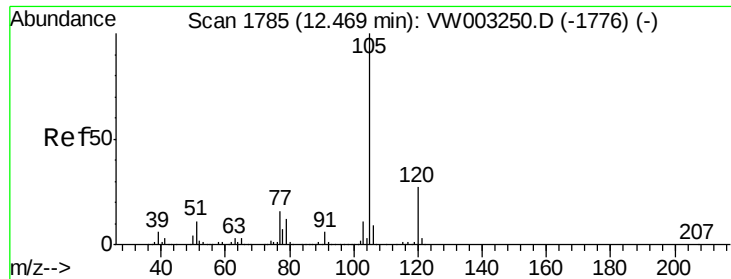
Delta R.T. 0.00 min

Lab File: VW003661.D

Acq: 29 Jun 2018 15:32

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.5	29.3	88.0
150	159.7	0.0	349.6





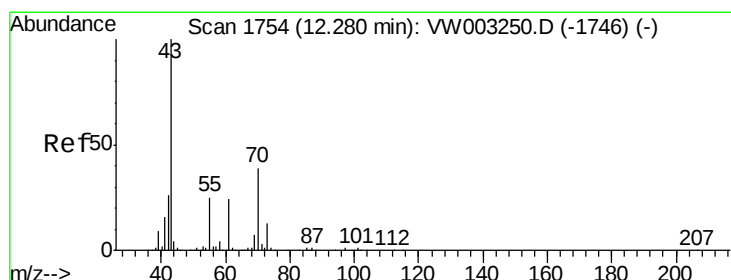
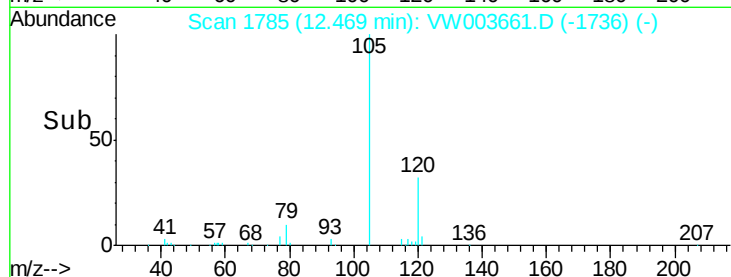
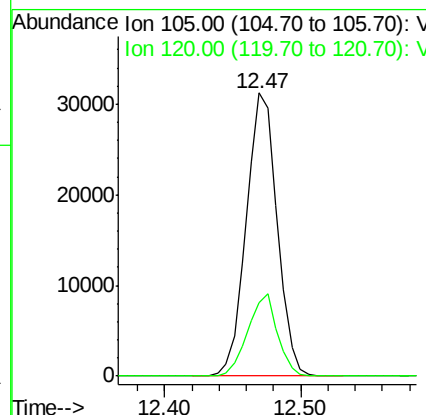
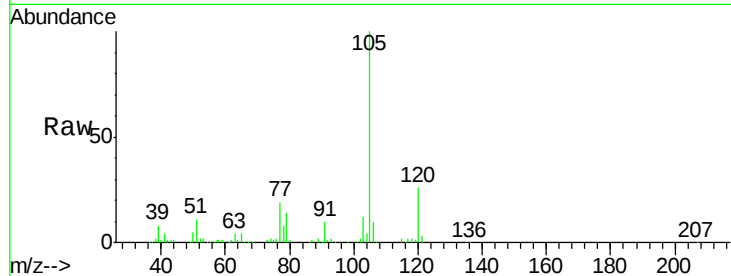
#73
Isopropylbenzene
Concen: 4.73 ug/l
RT: 12.47 min Scan# 1785
Delta R.T. 0.00 min
Lab File: VW003661.D
Acq: 29 Jun 2018 15:32

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SCM-Precision-Bias-2

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.7	13.2	39.6

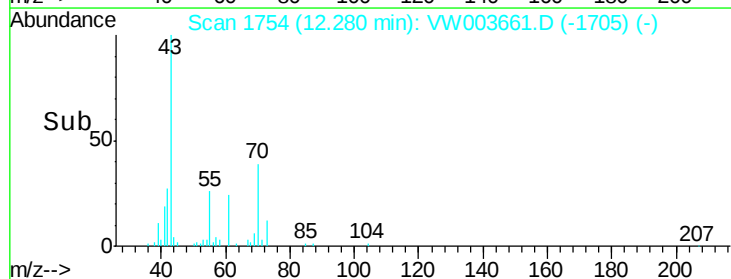
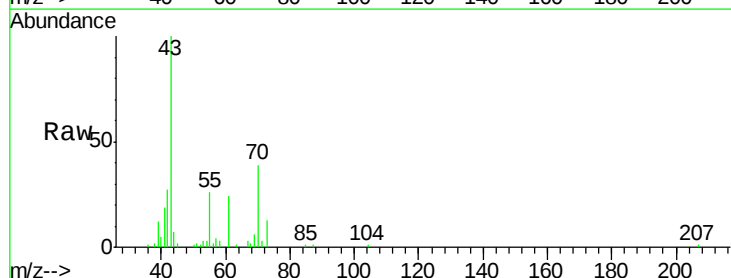
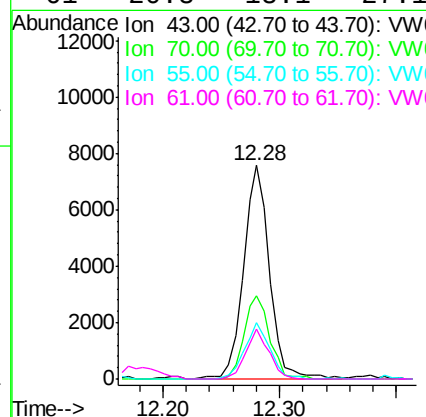
Manual Integrations
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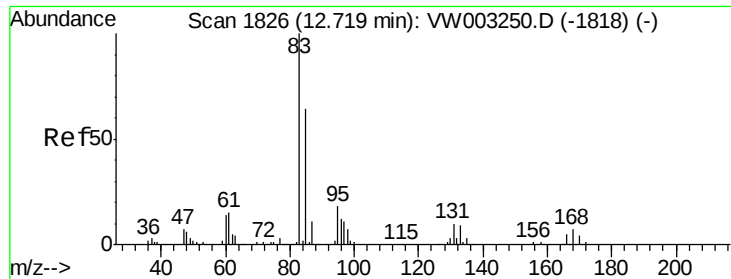
apatel
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#74
N-ethyl acetate
Concen: 4.93 ug/l
RT: 12.28 min Scan# 1754
Delta R.T. 0.00 min
Lab File: VW003661.D
Acq: 29 Jun 2018 15:32

Tgt Ion	Ratio	Lower	Upper
43	100		
70	38.2	31.0	46.6
55	25.8	19.7	29.5
61	20.8	18.1	27.1





#75

1,1,2,2-Tetrachloroethane

Concen: 5.92 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW003661.D

Acq: 29 Jun 2018 15:32

Instrument :

MSVOA_W

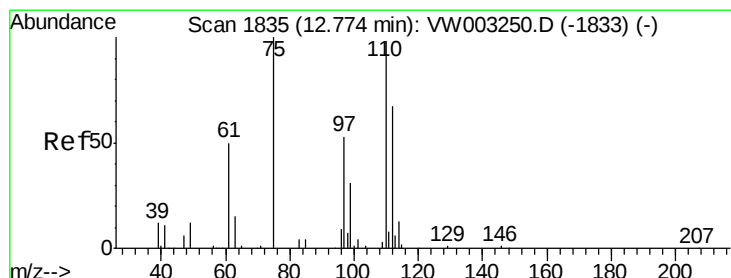
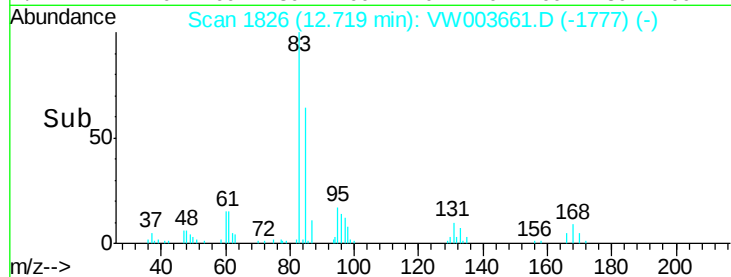
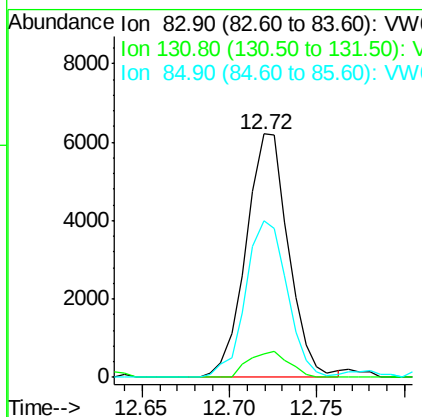
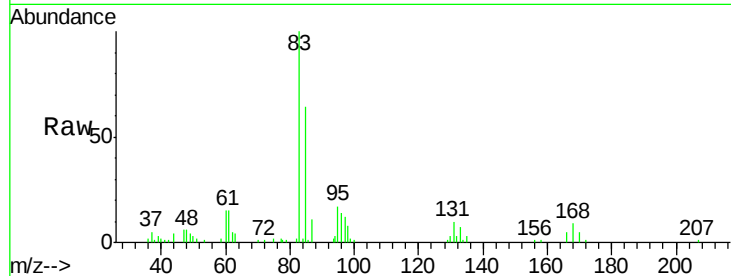
ClientSampleId :

LOQ-SCM-Precision-Bias-2

Tot Ion:	83	Resp:	10493
Ion Ratio	Lower	Upper	
83	100		
131	10.0	5.4	16.2
85	63.1	31.9	95.7

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 5.42 ug/l m

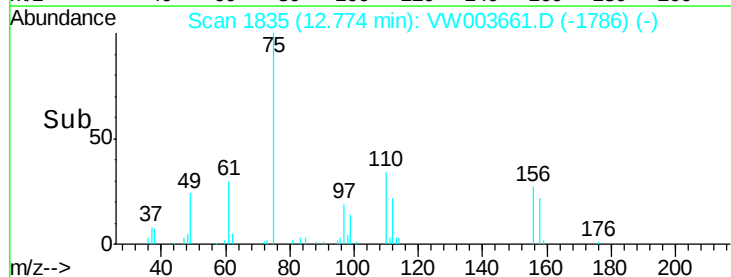
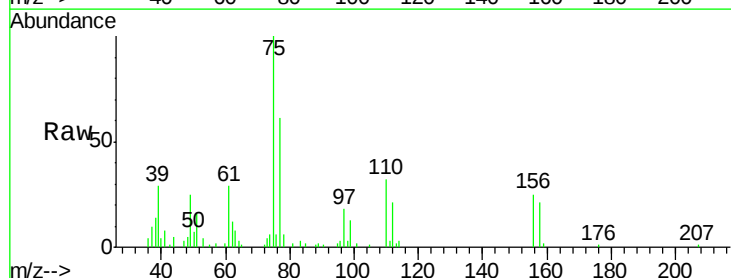
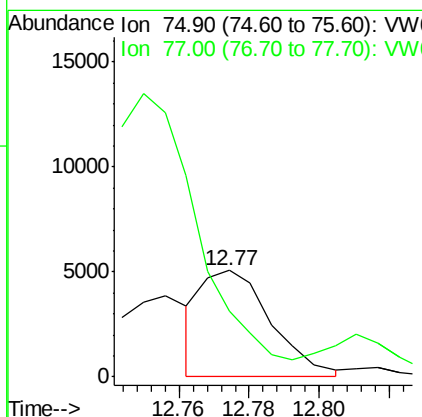
RT: 12.77 min Scan# 1835

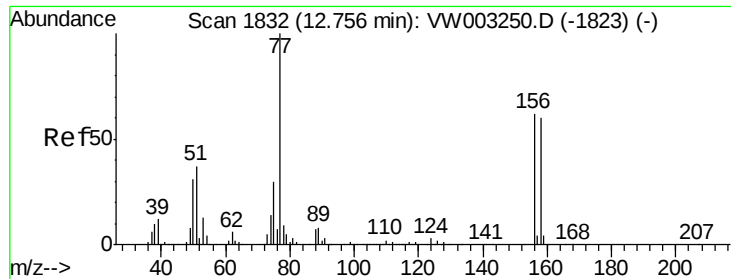
Delta R.T. 0.00 min

Lab File: VW003661.D

Acq: 29 Jun 2018 15:32

Tgt Ion:	75	Resp:	6989
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





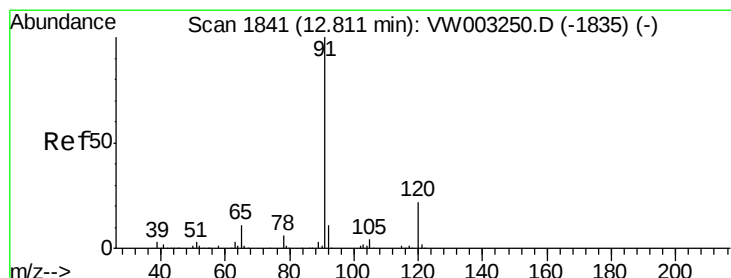
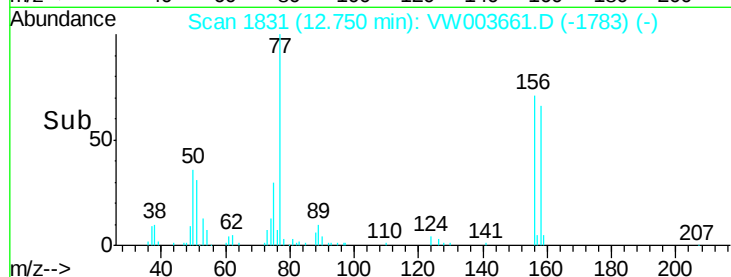
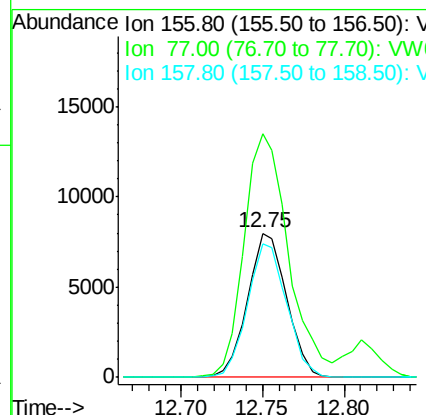
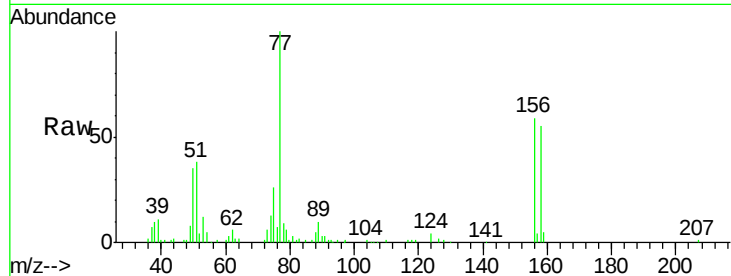
#77
Bromobenzene
Concen: 5.42 ug/l
RT: 12.75 min Scan# 1831
Delta R.T. -0.01 min
Lab File: VW003661.D
Acq: 29 Jun 2018 15:32

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SCM-Precision-Bias-2

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	192.7	92.3	276.9	
158	93.1	47.5	142.6	

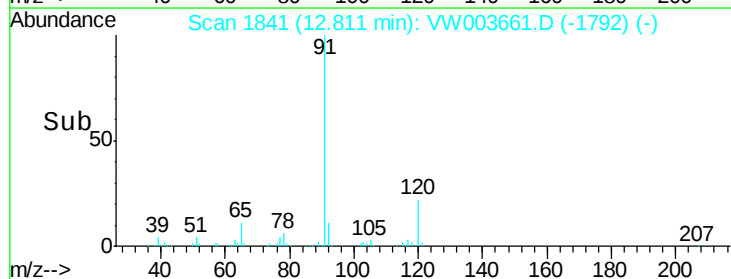
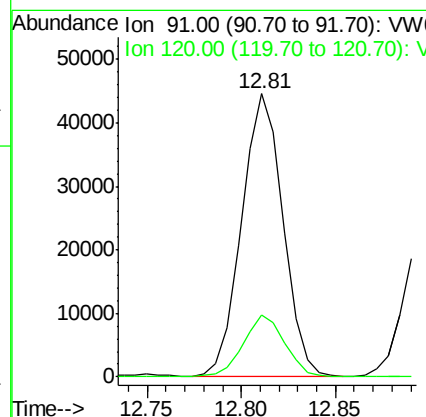
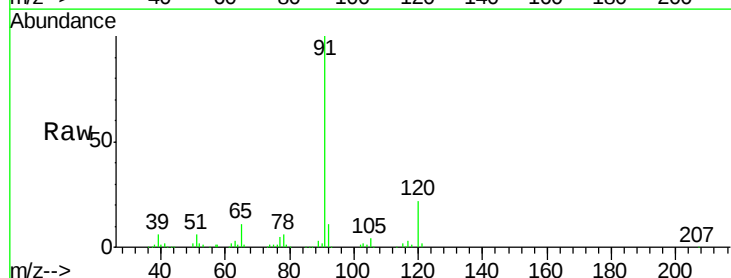
Manual Integrations
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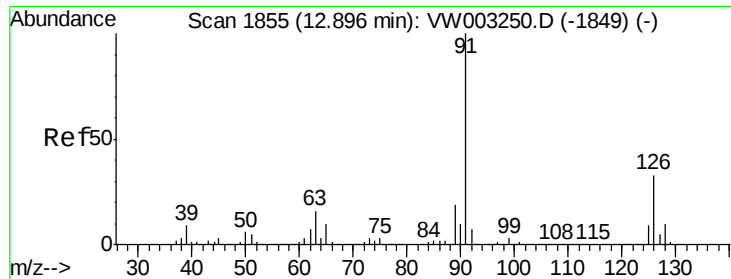
apatel
7/2/2018 10:30:40 AM



#78
n-propylbenzene
Concen: 5.29 ug/l
RT: 12.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VW003661.D
Acq: 29 Jun 2018 15:32

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	21.9	11.3	33.8	





#79

2-Chlorotoluene

Concen: 5.22 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW003661.D

Acq: 29 Jun 2018 15:32

Instrument :

MSVOA_W

ClientSampleId :

LOQ-SCM-Precision-Bias-2

Tot Ion: 91 Resp: 37856

Ion Ratio Lower Upper

91 100

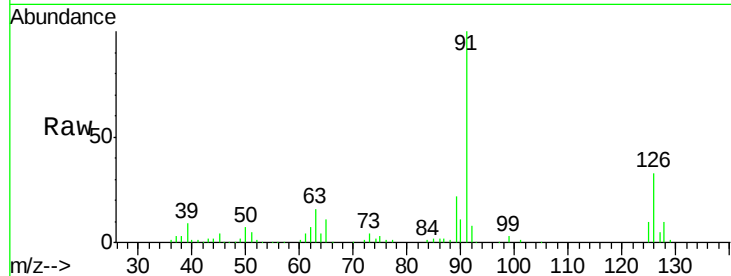
126 33.3 16.8 50.4

Manual Integrations

APPROVED

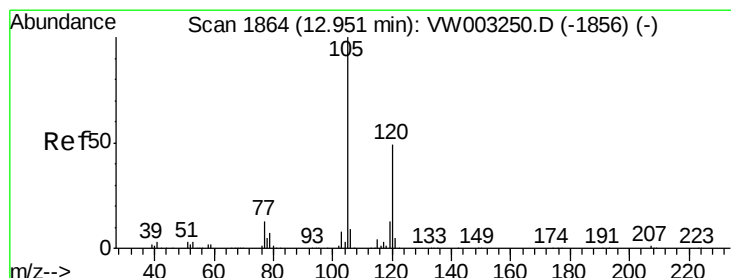
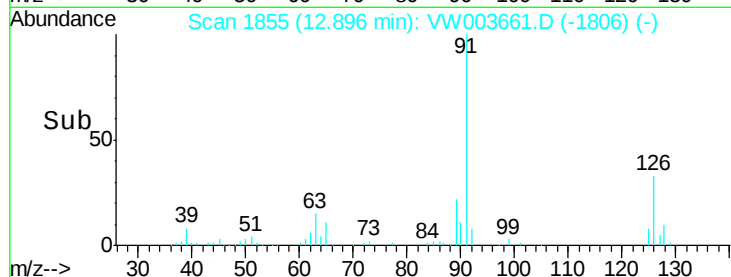
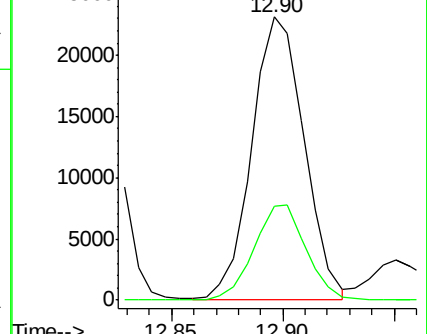
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 5.07 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW003661.D

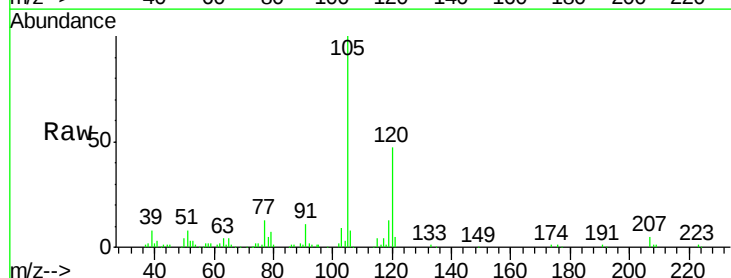
Acq: 29 Jun 2018 15:32

Tgt Ion:105 Resp: 44582

Ion Ratio Lower Upper

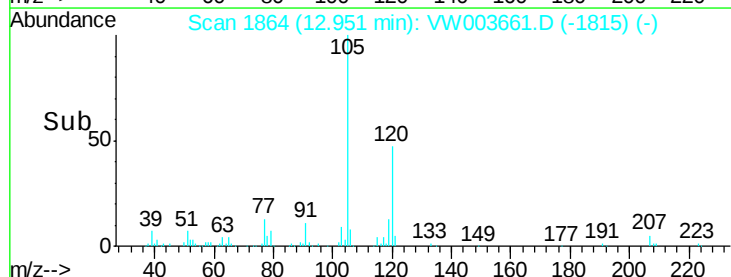
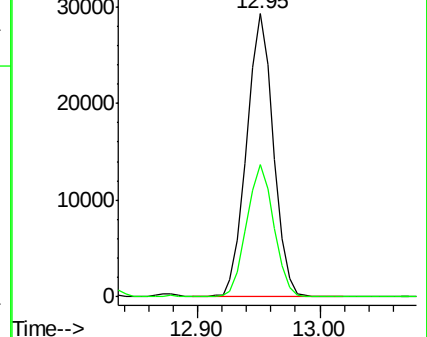
105 100

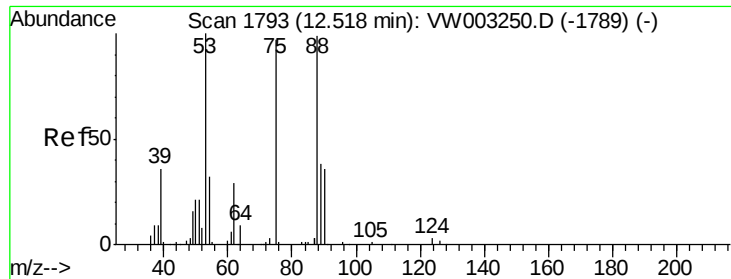
120 47.2 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 4.99 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VW003661.D

Acq: 29 Jun 2018 15:32

Instrument :

MSVOA_W

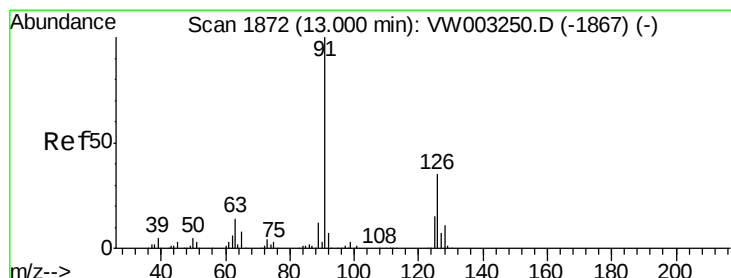
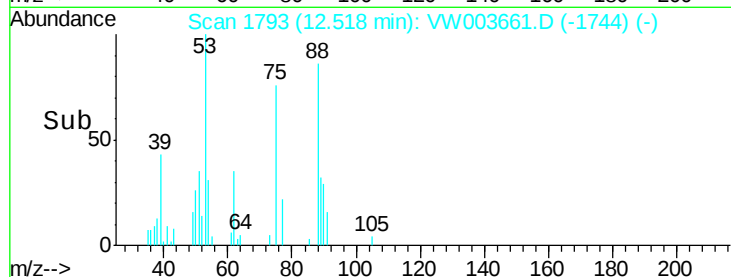
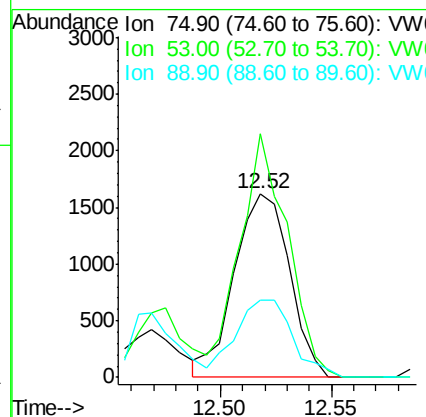
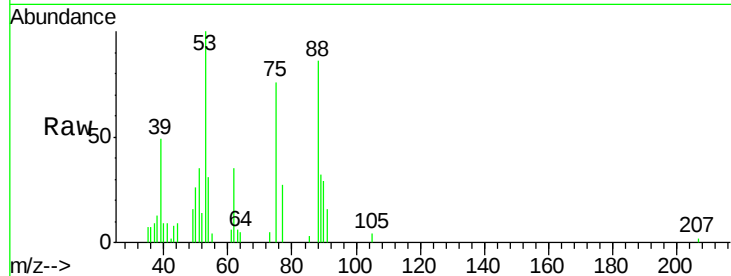
ClientSampleId :

LOQ-SCM-Precision-Bias-2

Tot Ion:	75	Resp:	2792
Ion	Ratio	Lower	Upper
75	100		
53	114.7	82.9	124.3
89	43.9	36.7	55.1

Manual Integrations
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#82

4-Chlorotoluene

Concen: 5.32 ug/l

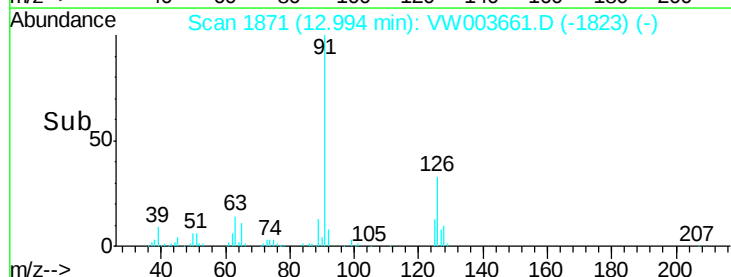
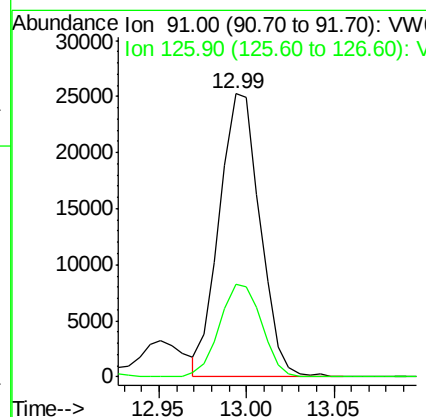
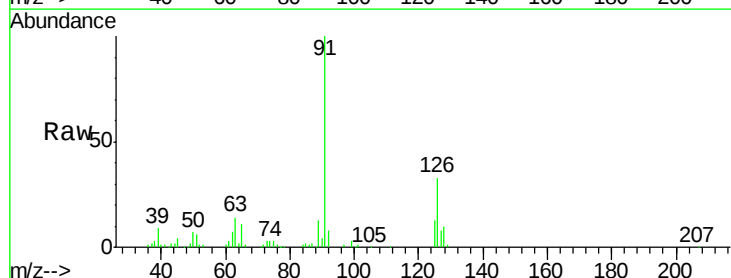
RT: 12.99 min Scan# 1871

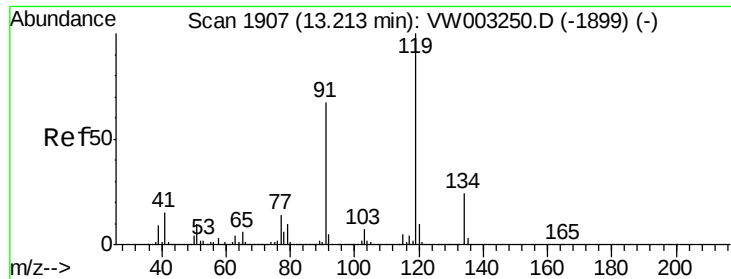
Delta R.T. -0.01 min

Lab File: VW003661.D

Acq: 29 Jun 2018 15:32

Tgt Ion:	91	Resp:	40932
Ion	Ratio	Lower	Upper
91	100		
126	33.8	16.8	50.3





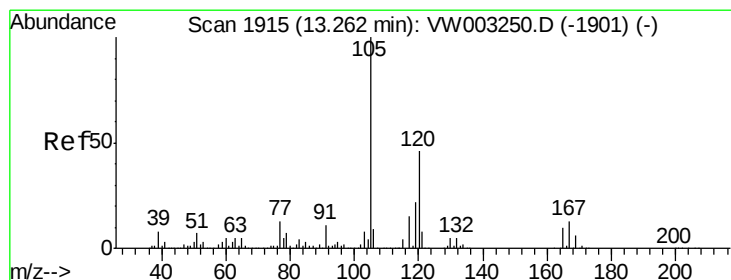
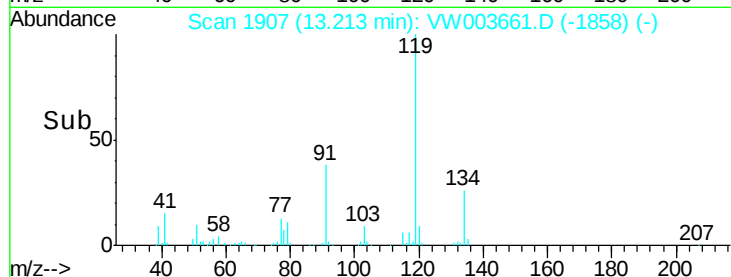
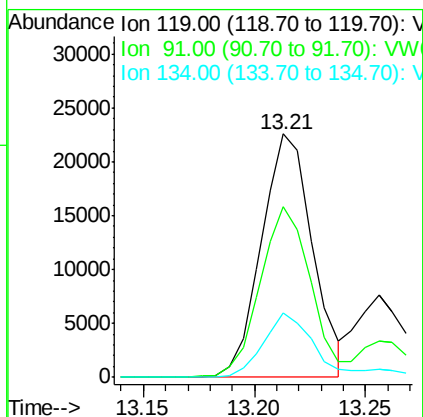
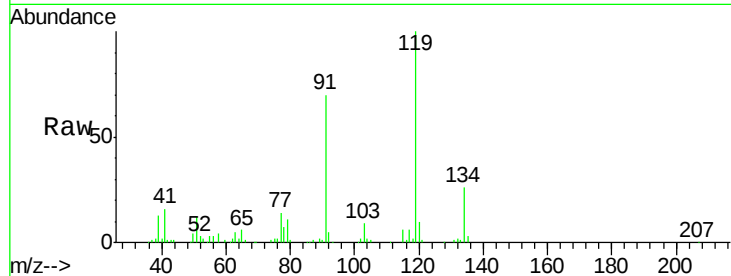
#83
 tert-Butylbenzene
 Concen: 4.78 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VW003661.D
 Acq: 29 Jun 2018 15:32

Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SCM-Precision-Bias-2

Tot Ion	Ratio	Lower	Upper
119	100		
91	70.6	33.9	101.7
134	25.3	13.4	40.1

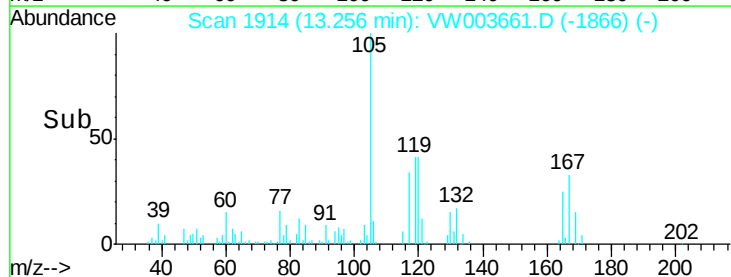
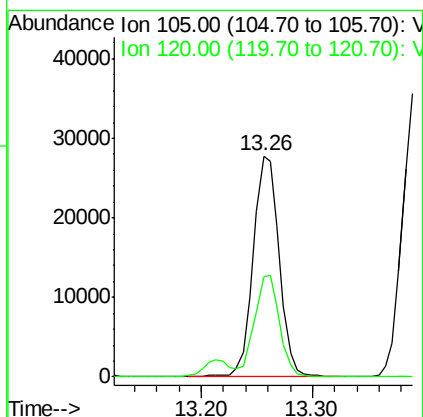
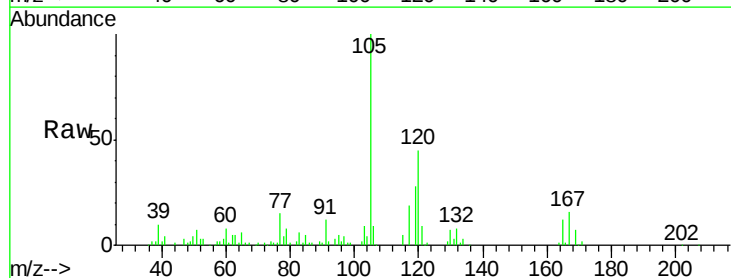
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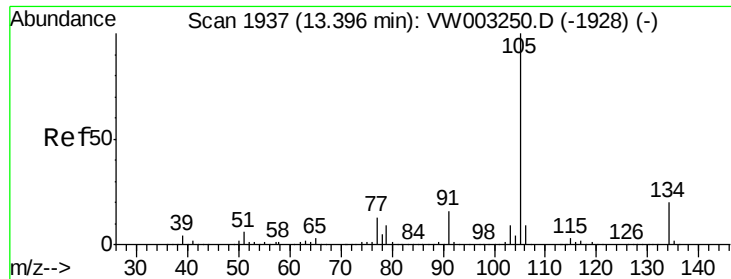
apatel
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#84
 1,2,4-Trimethylbenzene
 Concen: 4.99 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. -0.01 min
 Lab File: VW003661.D
 Acq: 29 Jun 2018 15:32

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.3	22.5	67.5





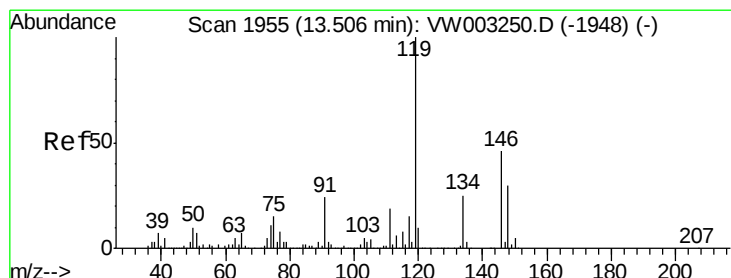
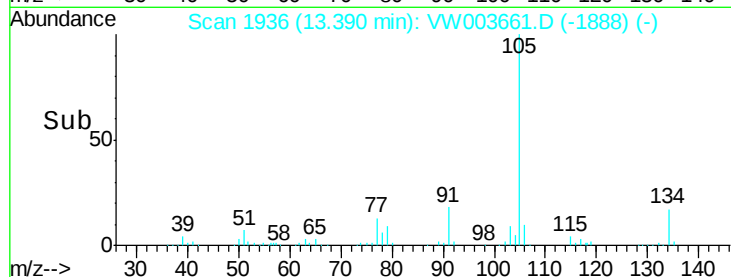
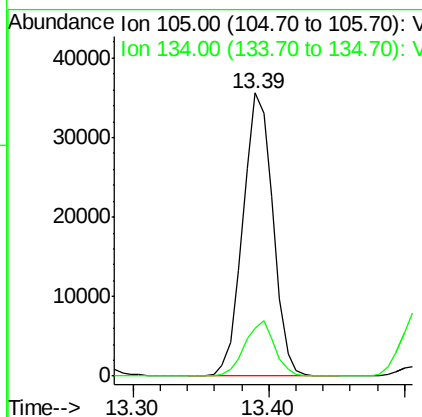
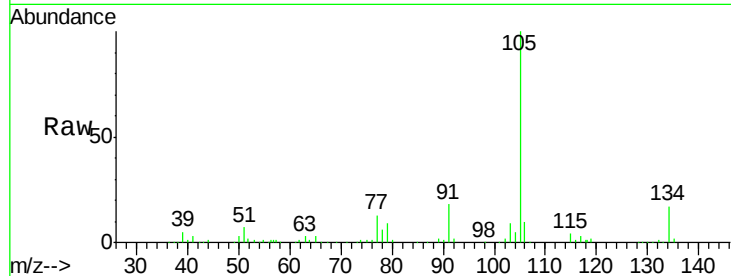
#85
 sec-Butylbenzene
 Concen: 4.93 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: VW003661.D
 Acq: 29 Jun 2018 15:32

Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SCM-Precision-Bias-2

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.4	9.8	29.5

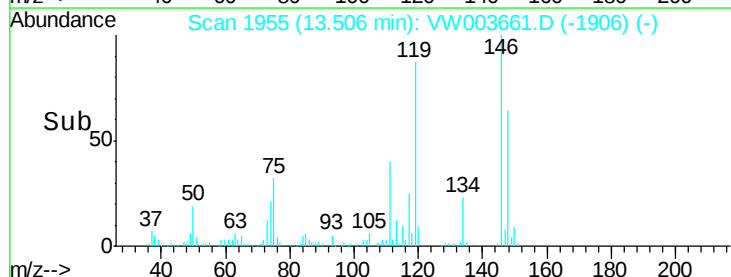
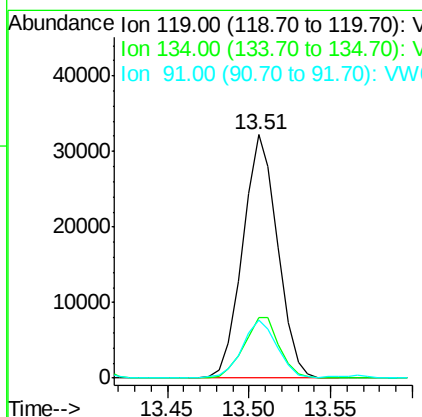
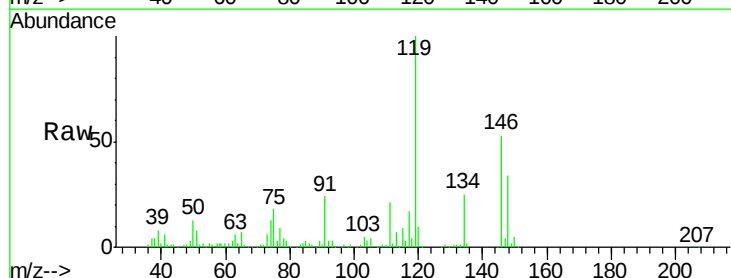
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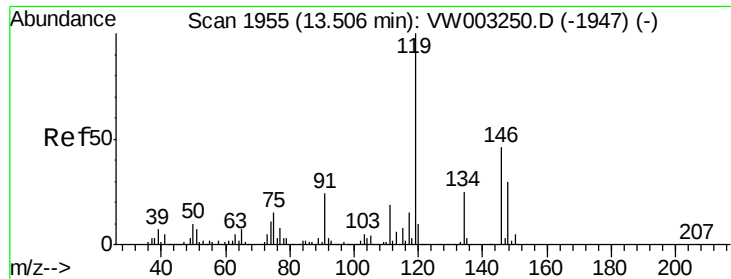
apatel
 7/2/2018 10:30:40 AM



#86
 p-Isopropyltoluene
 Concen: 4.87 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003661.D
 Acq: 29 Jun 2018 15:32

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.3	12.9	38.7
91	24.0	11.8	35.3





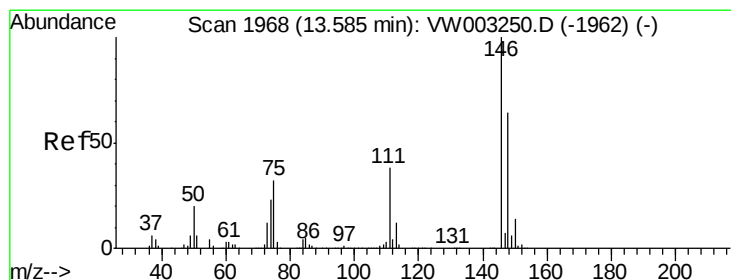
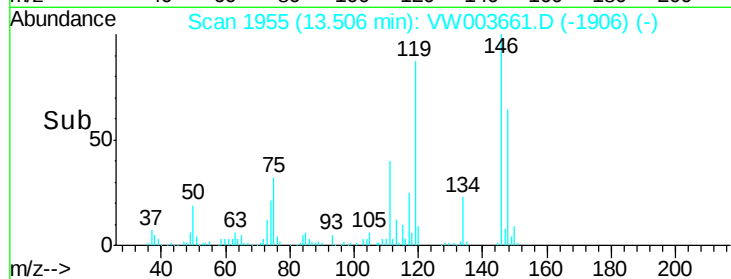
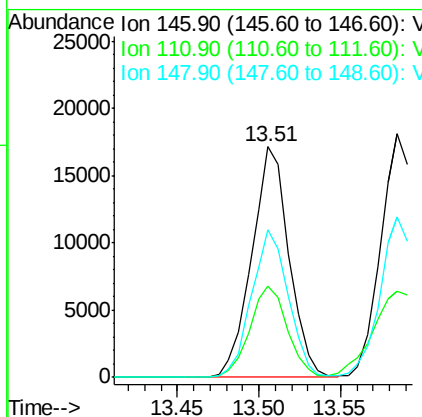
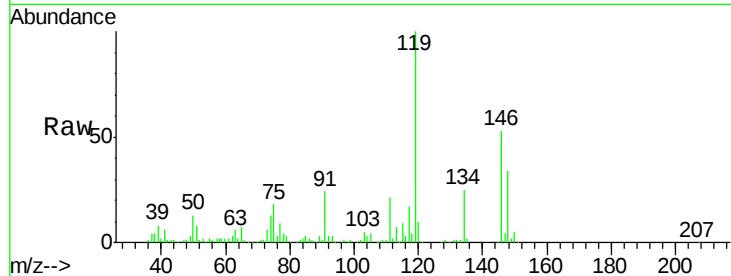
#87
1,3-Dichlorobenzene
Concen: 5.41 ug/l
RT: 13.51 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW003661.D
Acq: 29 Jun 2018 15:32

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SCM-Precision-Bias-2

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	19.8	59.4
148	63.0	32.1	96.5

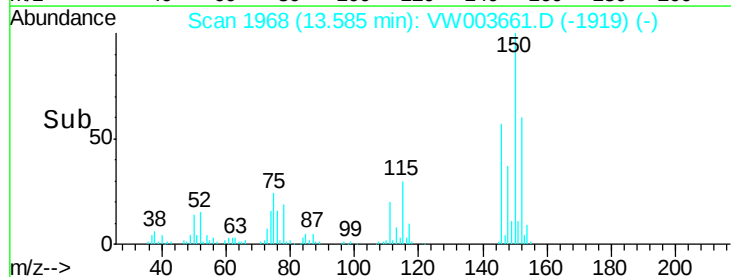
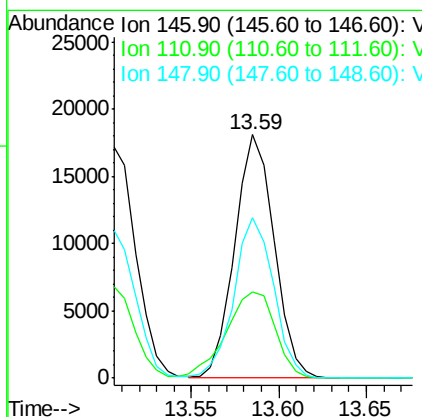
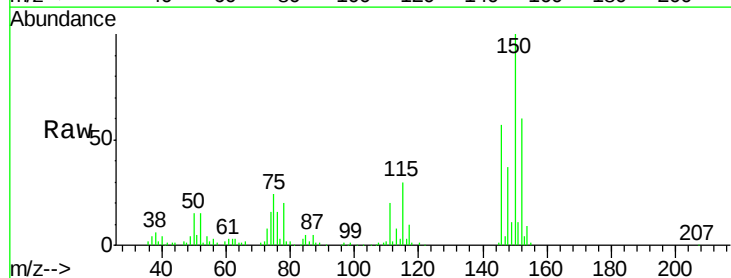
Manual Integrations
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#88
1,4-Dichlorobenzene
Concen: 5.69 ug/l
RT: 13.59 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VW003661.D
Acq: 29 Jun 2018 15:32

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.2	19.2	57.6
148	66.7	31.8	95.4





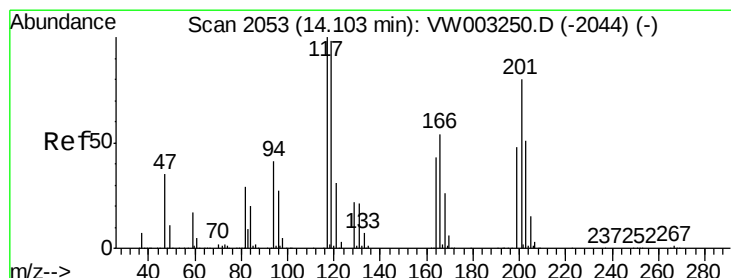
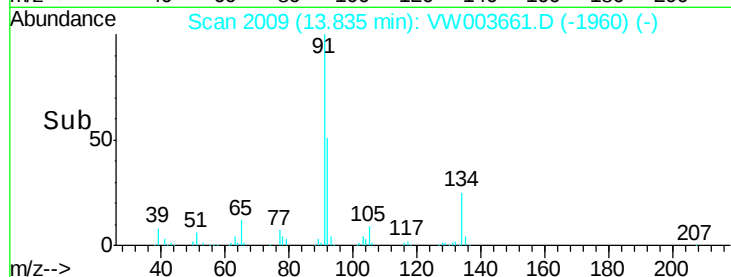
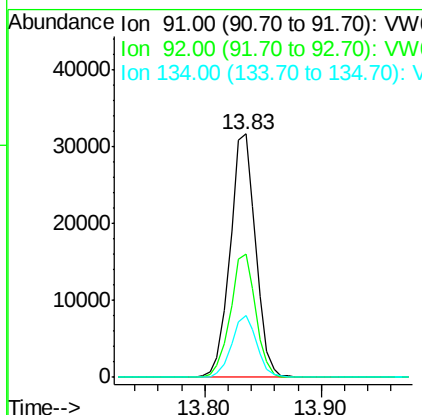
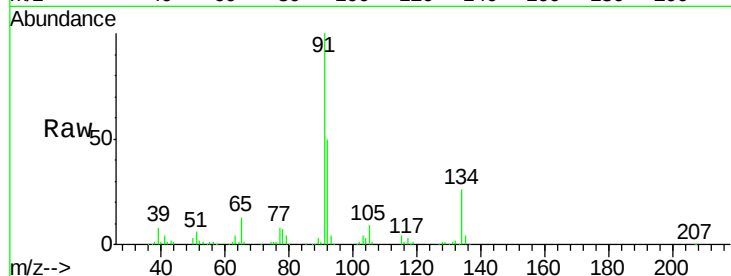
#89
n-Butylbenzene
Concen: 5.04 ug/l
RT: 13.83 min Scan# 2009
Delta R.T. 0.00 min
Lab File: VW003661.D
Acq: 29 Jun 2018 15:32

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SCM-Precision-Bias-2

Tot Ion	Ratio	Lower	Upper
91	100		
92	50.1	26.0	78.0
134	24.8	12.7	38.0

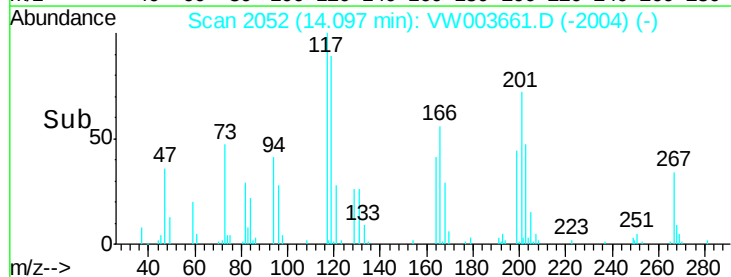
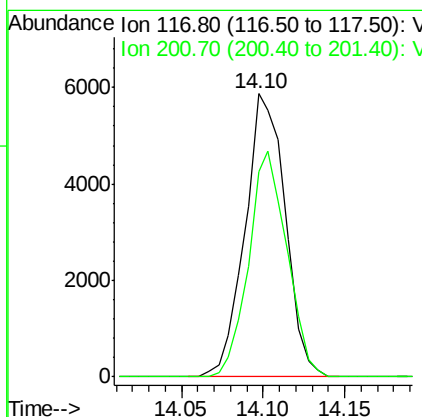
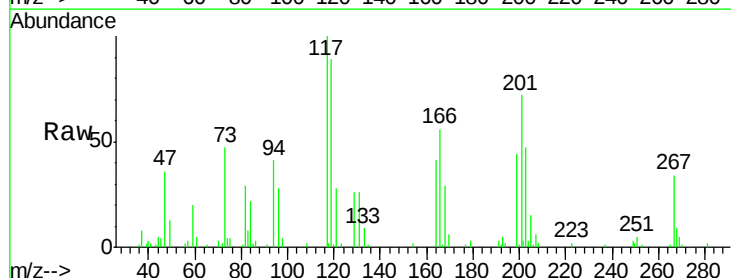
Manual Integrations
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#90
Hexachloroethane
Concen: 5.65 ug/l
RT: 14.10 min Scan# 2052
Delta R.T. -0.01 min
Lab File: VW003661.D
Acq: 29 Jun 2018 15:32

Tgt Ion	Ratio	Lower	Upper
117	100		
201	75.9	39.5	118.5





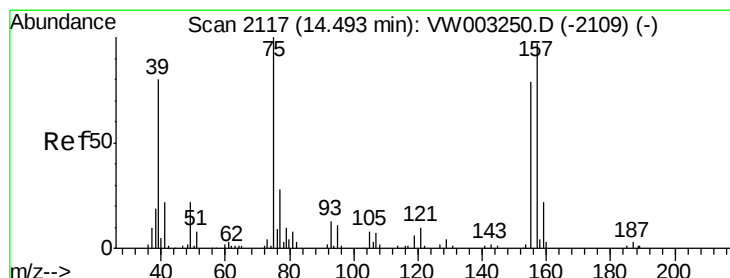
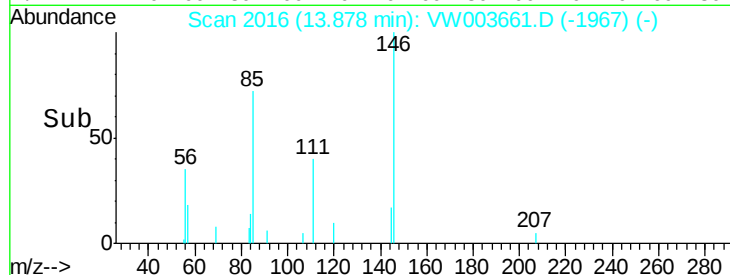
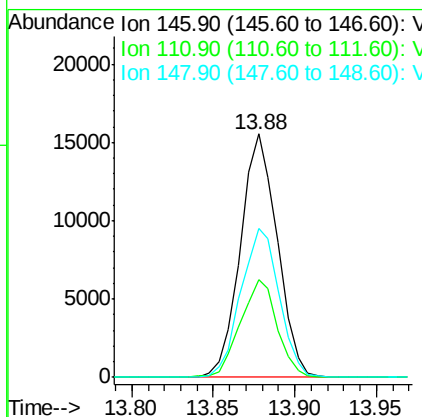
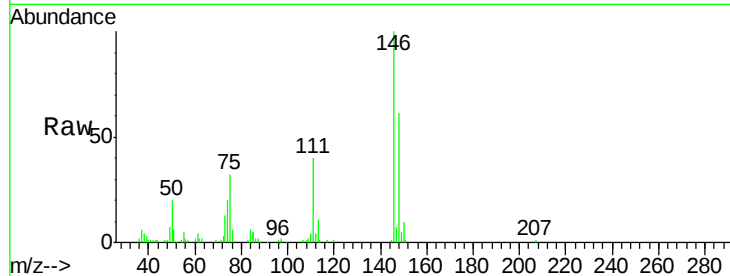
#91
 1,2-Dichlorobenzene
 Concen: 5.57 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW003661.D
 Acq: 29 Jun 2018 15:32

Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SCM-Precision-Bias-2

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.3	61.0
148	63.6	32.3	96.9

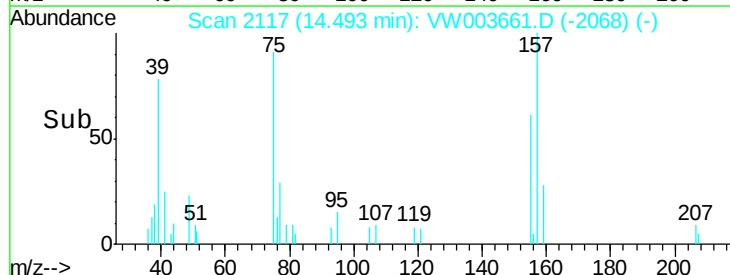
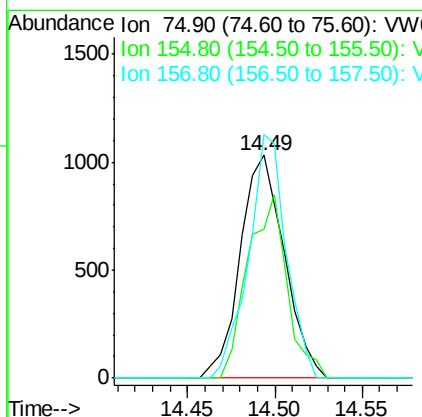
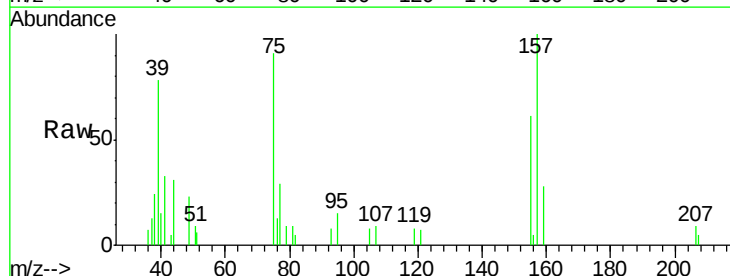
Manual Integrations
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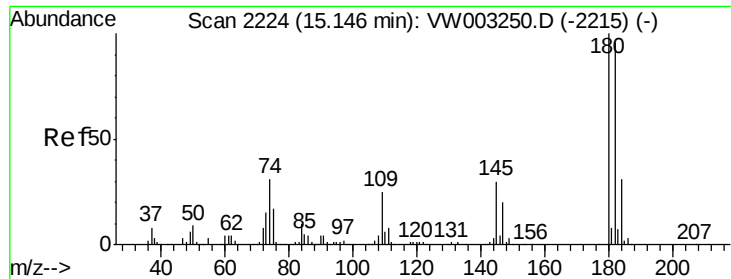
apatel
 7/2/2018 10:30:40 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 6.10 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW003661.D
 Acq: 29 Jun 2018 15:32

Tgt Ion	Ratio	Lower	Upper
75	100		
155	73.7	39.4	118.2
157	93.2	51.5	154.5





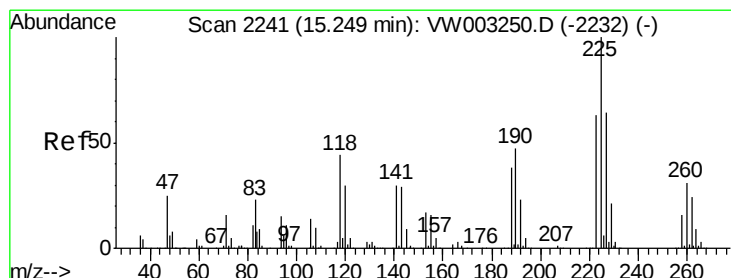
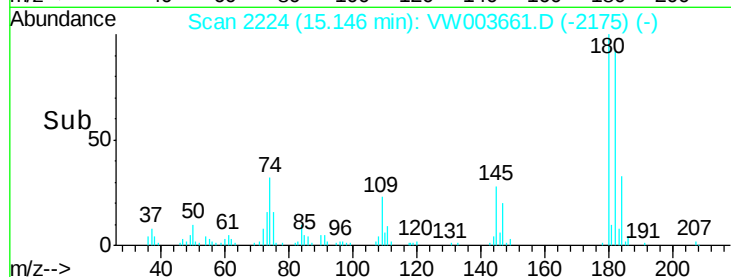
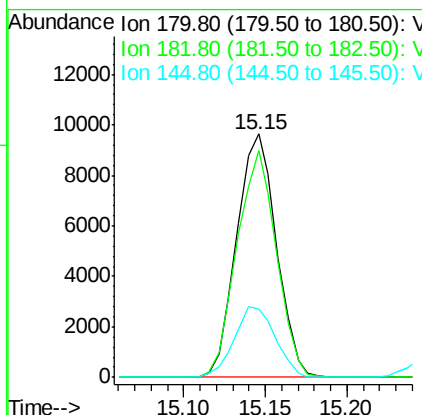
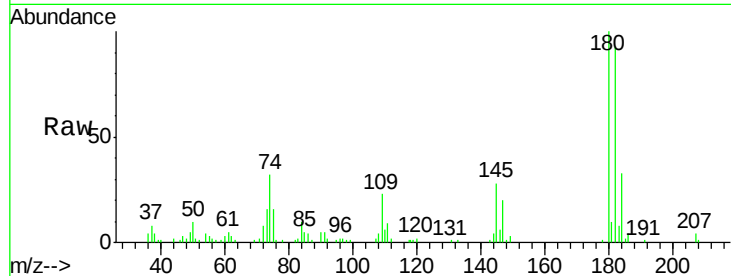
#93
 1,2,4-Trichlorobenzene
 Concen: 5.30 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW003661.D
 Acq: 29 Jun 2018 15:32

Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SCM-Precision-Bias-2

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.7	47.9	143.6
145	29.9	15.2	45.5

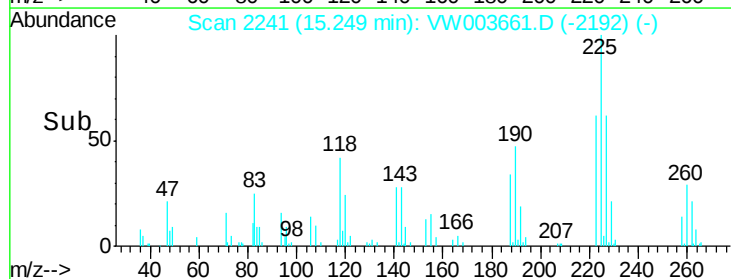
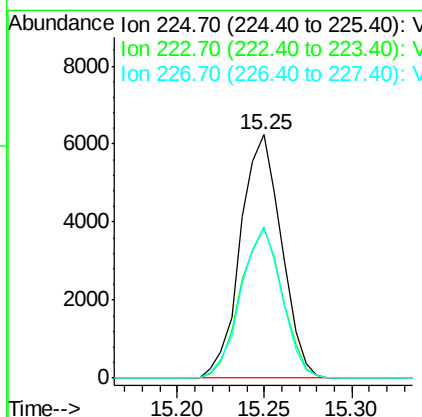
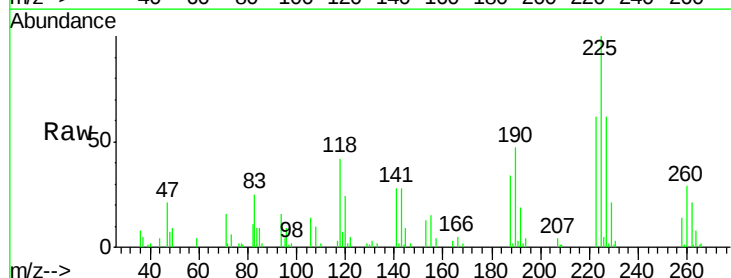
Manual Integrations
 APPROVED

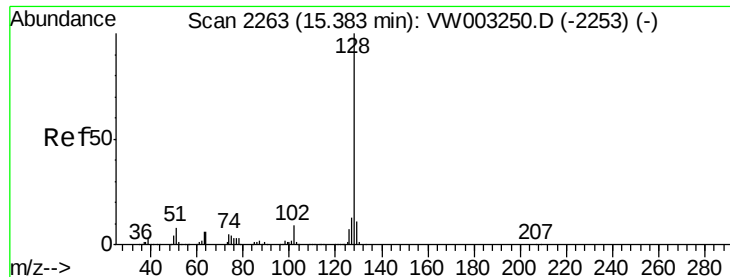
apatel
 7/2/2018 10:30:40 AM



#94
 Hexachlorobutadiene
 Concen: 5.48 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: VW003661.D
 Acq: 29 Jun 2018 15:32

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	30.6	92.0
227	62.0	31.7	95.1





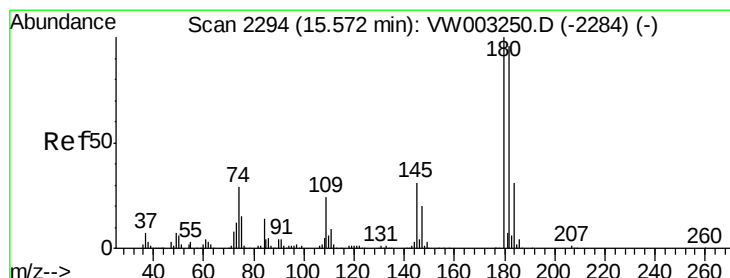
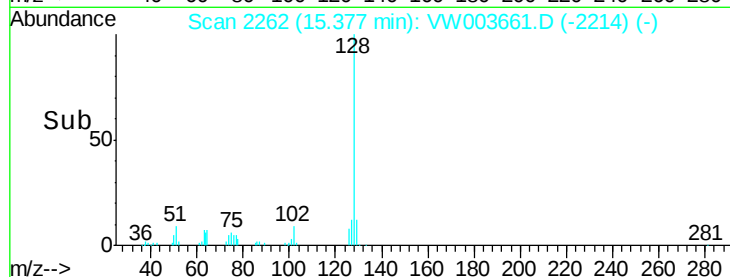
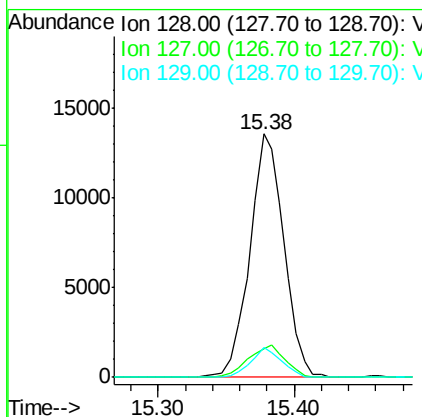
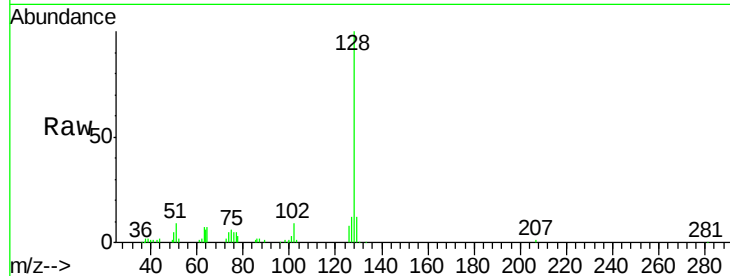
#95
Naphthalene
Concen: 4.54 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. -0.01 min
Lab File: VW003661.D
Acq: 29 Jun 2018 15:32

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SCM-Precision-Bias-2

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.2	10.5	15.7
129	11.0	8.9	13.3

Manual Integrations
APPROVED

apatel
7/2/2018 10:30:40 AM



#96
1,2,3-Trichlorobenzene
Concen: 5.15 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.01 min
Lab File: VW003661.D
Acq: 29 Jun 2018 15:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.2	47.9	143.6
145	33.8	15.8	47.4

