

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072318\
 Data File : VW004148.D
 Acq On : 23 Jul 2018 19:57
 Operator : SY/AP
 Sample : J4026-06MS
 Misc : 5.06G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 KY030LC006-S-180716MS

Manual Integrations
 APPROVED

apatel
 7/24/2018 11:49:51 AM

Quant Time: Jul 24 05:47:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 15:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	105343	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	157093	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	146376	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	69445	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	65057	55.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.50%	
35) Dibromofluoromethane	7.88	113	54322	53.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.78%	
50) Toluene-d8	10.33	98	213217	54.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.04%	
62) 4-Bromofluorobenzene	12.62	95	69616	49.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	21084m	35.64	ug/l	
3) Chloromethane	2.20	50	41198	52.91	ug/l	98
4) Vinyl Chloride	2.35	62	58786	54.89	ug/l	97
5) Bromomethane	2.77	94	29956	44.75	ug/l	94
6) Chloroethane	2.92	64	29954	49.22	ug/l	99
7) Trichlorofluoromethane	3.25	101	48277	107.37	ug/l	100
8) Diethyl Ether	3.67	74	29695	56.89	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.04	101	56742	54.69	ug/l	98
10) Methyl Iodide	4.25	142	77612	52.08	ug/l	99
11) Tert butyl alcohol	5.18	59	25888	318.47	ug/l	99
12) 1,1-Dichloroethene	4.02	96	53612	52.37	ug/l	98
13) Acrolein	3.89	56	13910	166.54	ug/l	100
14) Allyl chloride	4.66	41	88912	52.61	ug/l	97
15) Acrylonitrile	5.36	53	81775	305.76	ug/l	100
16) Acetone	4.12	43	93151	329.20	ug/l	98
17) Carbon Disulfide	4.35	76	183970	57.57	ug/l	100
18) Methyl Acetate	4.67	43	70092	103.20	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	121896	62.13	ug/l	98
20) Methylene Chloride	4.90	84	66036	53.39	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	59702	53.20	ug/l	95
22) Diisopropyl ether	6.31	45	191564	56.09	ug/l	99
23) Vinyl Acetate	6.26	43	353641m	163.42	ug/l	
24) 1,1-Dichloroethane	6.21	63	112955	54.20	ug/l	98
25) 2-Butanone	7.18	43	117229	307.87	ug/l	100
26) 2,2-Dichloropropane	7.17	77	75912	63.46	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	61144	50.40	ug/l	99
28) Bromochloromethane	7.51	49	44213	51.84	ug/l	96
29) Tetrahydrofuran	7.53	42	75243	317.23	ug/l	97
30) Chloroform	7.68	83	112857	54.45	ug/l	98
31) Cyclohexane	7.95	56	96546	49.42	ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	98212	60.68	ug/l	99
36) 1,1-Dichloropropene	8.08	75	88207	54.57	ug/l	100
37) Ethyl Acetate	7.26	43	46221	59.29	ug/l	99
38) Carbon Tetrachloride	8.07	117	84435	55.91	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	80657	42.61	ug/l	95
40) Benzene	8.32	78	250556	55.88	ug/l	99
41) Methacrylonitrile	7.49	41	28446	65.85	ug/l #	88
42) 1,2-Dichloroethane	8.40	62	78693	57.52	ug/l	99
43) Isopropyl Acetate	8.43	43	87299	59.87	ug/l	98
44) Trichloroethene	9.09	130	62910	54.12	ug/l	99
45) 1,2-Dichloropropane	9.37	63	64458	56.32	ug/l	99
46) Dibromomethane	9.46	93	34992	58.92	ug/l	99
47) Bromodichloromethane	9.65	83	80764	55.17	ug/l	97
48) Methyl methacrylate	9.44	41	43601	61.83	ug/l	98
49) 1,4-Dioxane	9.45	88	12048	1319.78	ug/l	93
51) 4-Methyl-2-Pentanone	10.21	43	256931	330.75	ug/l	98
52) Toluene	10.39	92	151331	54.58	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	80132	52.34	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	88780	50.69	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	50347	60.28	ug/l	97
56) Ethyl methacrylate	10.65	69	58665	49.16	ug/l	97
57) 1,3-Dichloropropane	10.93	76	85615	59.00	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.93	63	147008	296.69	ug/l	99
59) 2-Hexanone	10.98	43	180804	330.23	ug/l	98
60) Dibromochloromethane	11.13	129	53602	55.11	ug/l	100
61) 1,2-Dibromoethane	11.24	107	47503	59.77	ug/l	98
64) Tetrachloroethene	10.87	164	65030	64.75	ug/l	98
65) Chlorobenzene	11.66	112	157546	50.62	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	57890	53.52	ug/l	99
67) Ethyl Benzene	11.74	91	273399	50.00	ug/l	99
68) m/p-Xylenes	11.85	106	211235	101.08	ug/l	99
69) o-Xylene	12.17	106	95790	49.41	ug/l	96
70) Styrene	12.19	104	162260	50.11	ug/l	100
71) Bromoform	12.35	173	34611	56.68	ug/l #	98
73) Isopropylbenzene	12.47	105	254227	51.81	ug/l	100
74) N-amyl acetate	12.28	43	53899	42.15	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	62770	66.14	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	41714m	60.51	ug/l	
77) Bromobenzene	12.75	156	64767	55.16	ug/l	97
78) n-propylbenzene	12.81	91	307025	51.00	ug/l	100
79) 2-Chlorotoluene	12.90	91	178848	52.67	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	209459	50.72	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	15919	51.07	ug/l	95
82) 4-Chlorotoluene	12.99	91	190984	52.41	ug/l	100
83) tert-Butylbenzene	13.21	119	168055	48.47	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	214653	50.52	ug/l	98
85) sec-Butylbenzene	13.39	105	238257	46.32	ug/l	100
86) p-Isopropyltoluene	13.51	119	211337	46.84	ug/l	97
87) 1,3-Dichlorobenzene	13.51	146	118616	50.58	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	117262	49.86	ug/l	100
89) n-Butylbenzene	13.83	91	181425	40.90	ug/l	99
90) Hexachloroethane	14.10	117	37598	45.20	ug/l	96
91) 1,2-Dichlorobenzene	13.88	146	111285	53.26	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	11016	65.28	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	60017	40.90	ug/l	97
94) Hexachlorobutadiene	15.24	225	24074	28.57	ug/l	98
95) Naphthalene	15.38	128	151885	56.08	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	56499	43.49	ug/l	96

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

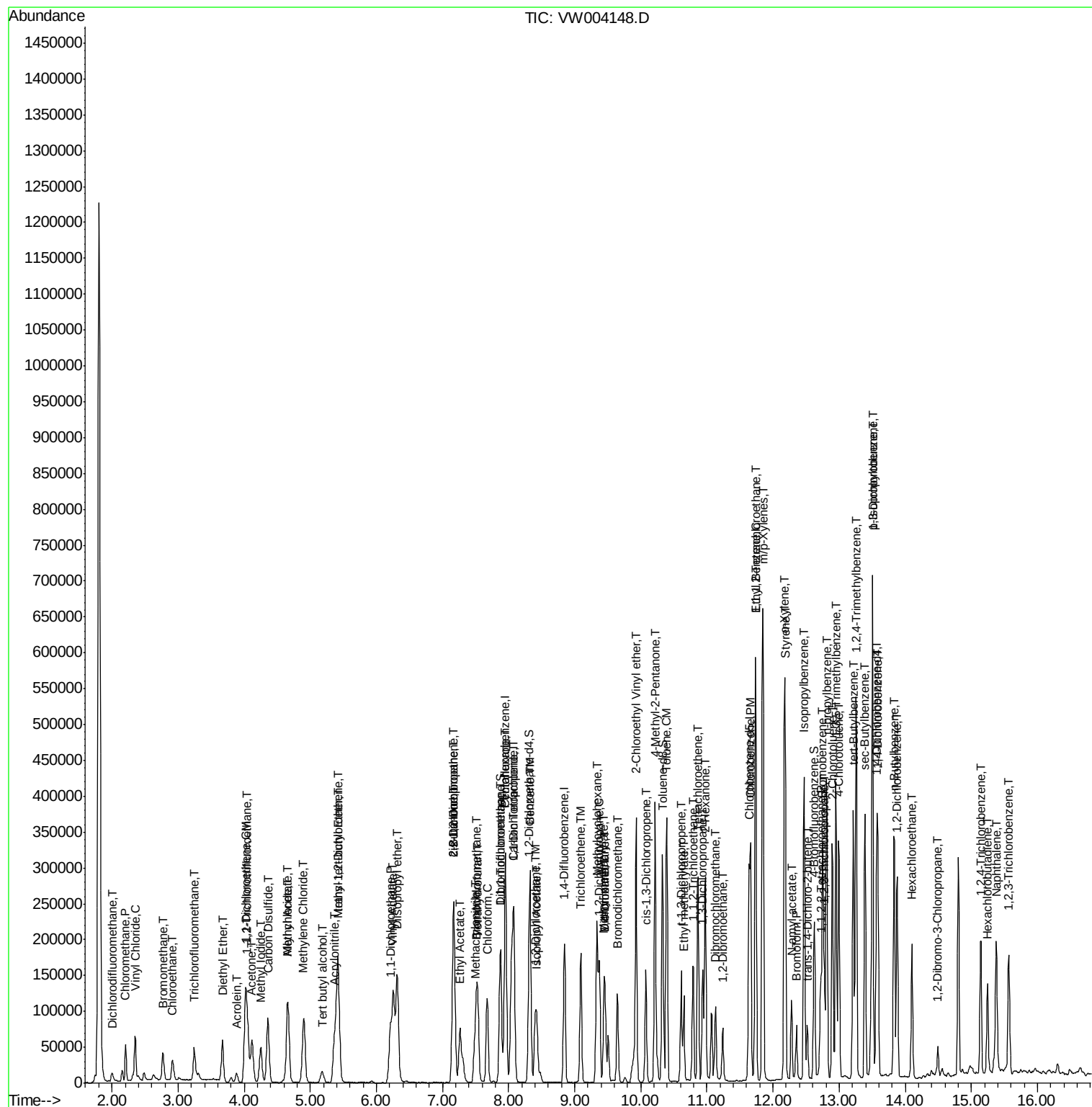
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW072318\
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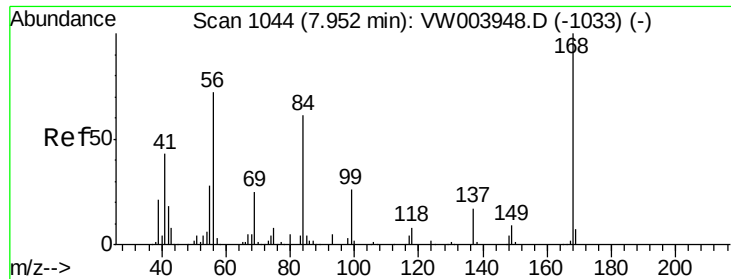
Instrument :
MSVOA_W
ClientSampleId :
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004148.D

Acq: 23 Jul 2018 19:57

Instrument :

MSVOA_W

ClientSampleId :

KY030LC006-S-180716MS

Tot Ion:168 Resp: 105343

Ion Ratio Lower Upper

168 100

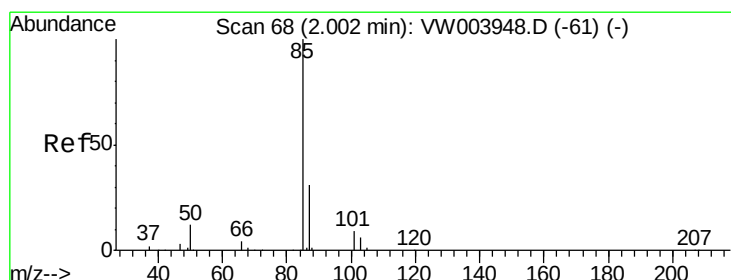
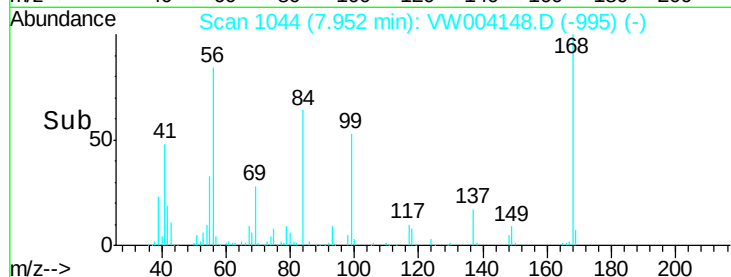
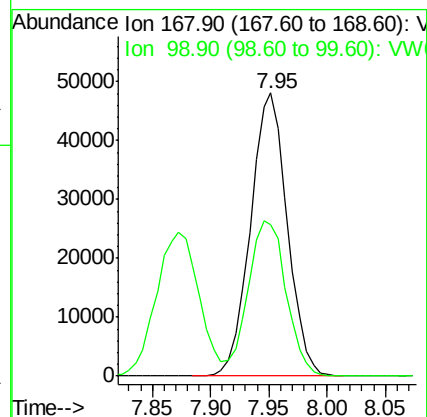
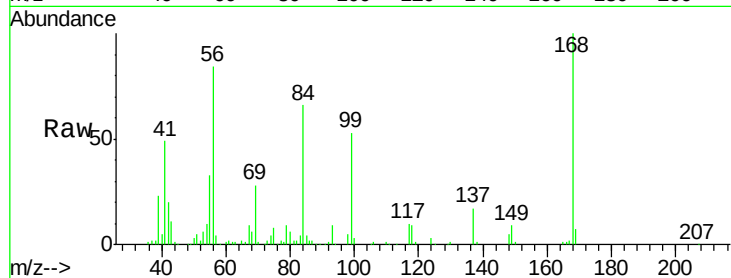
99 53.2 43.8 65.6

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 35.64 ug/l m

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW004148.D

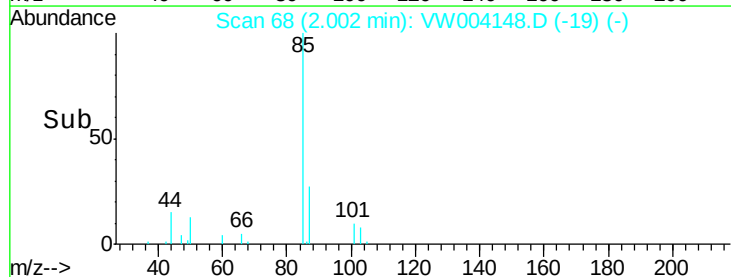
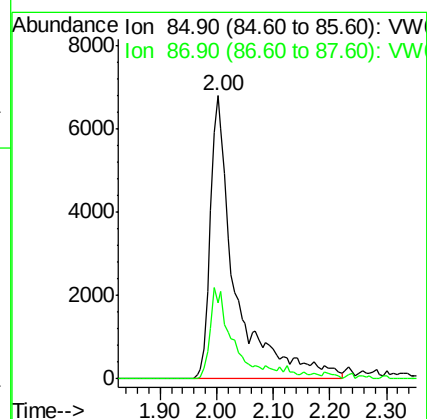
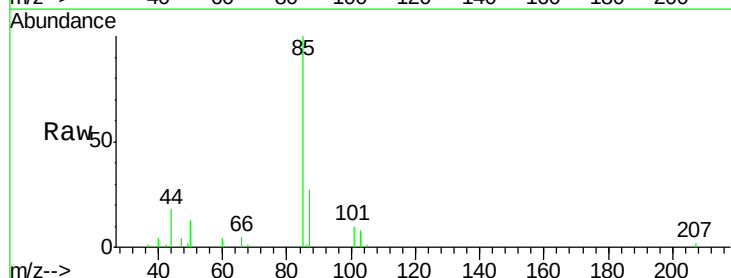
Acq: 23 Jul 2018 19:57

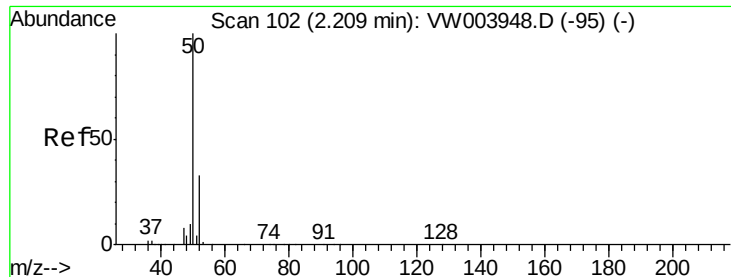
Tgt Ion: 85 Resp: 21084

Ion Ratio Lower Upper

85 100

87 26.8 15.4 46.2





#3

Chloromethane

Concen: 52.91 ug/l

RT: 2.20 min Scan# 101

Delta R.T. -0.01 min

Lab File: VW004148.D

Acq: 23 Jul 2018 19:57

Instrument :

MSVOA_W

ClientSampleId :

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Tot Ion: 50 Resp: 41198

Ion Ratio Lower Upper

50 100

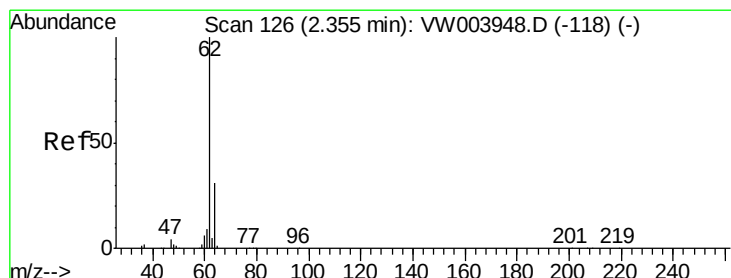
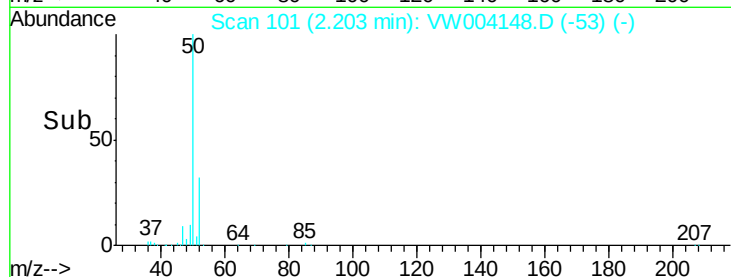
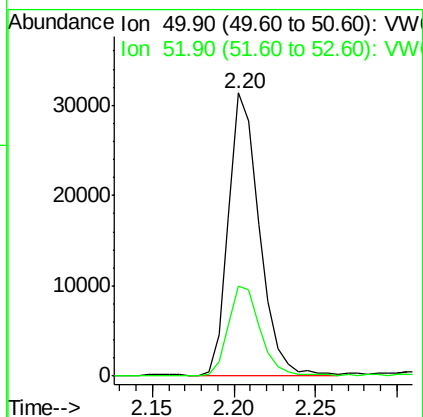
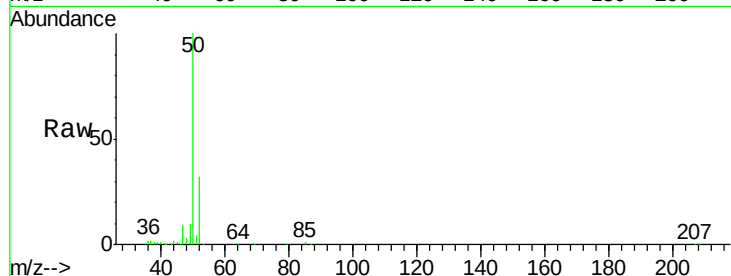
52 31.7 26.3 39.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 54.89 ug/l

RT: 2.35 min Scan# 125

Delta R.T. -0.01 min

Lab File: VW004148.D

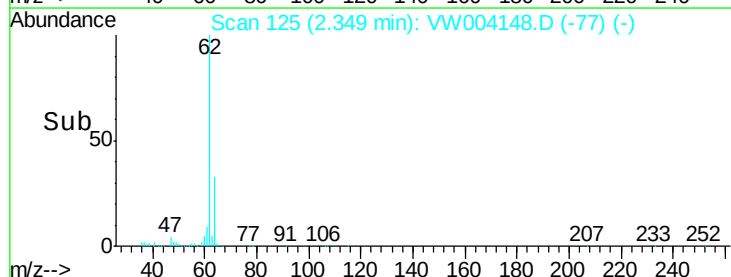
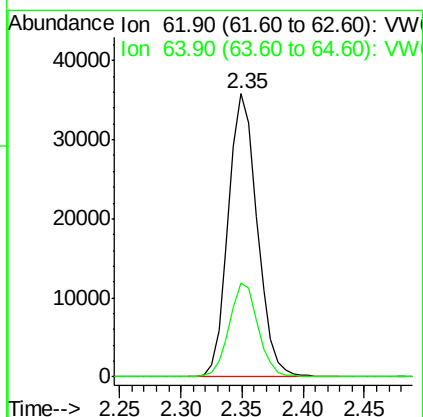
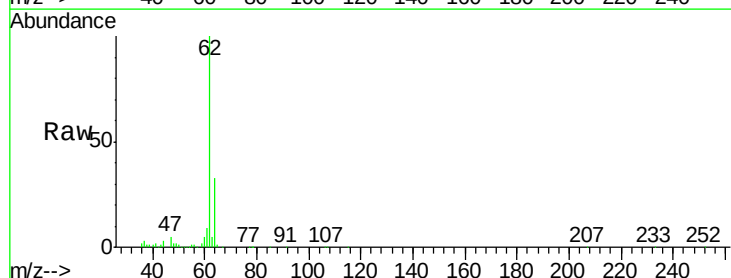
Acq: 23 Jul 2018 19:57

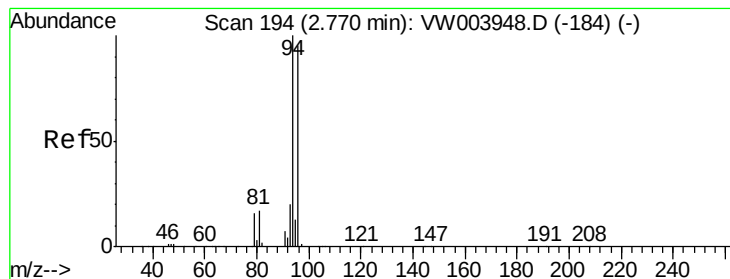
Tgt Ion: 62 Resp: 58786

Ion Ratio Lower Upper

62 100

64 33.1 25.0 37.6





#5

Bromomethane

Concen: 44.75 ug/l

RT: 2.77 min Scan# 194

Delta R.T. 0.00 min

Lab File: VW004148.D

Acq: 23 Jul 2018 19:57

Instrument :

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Tot Ion: 94 Resp: 29956

Ion Ratio Lower Upper

94 100

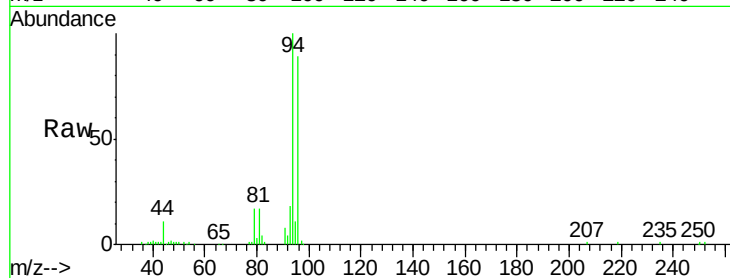
96 89.1 75.8 113.6

Manual Integrations

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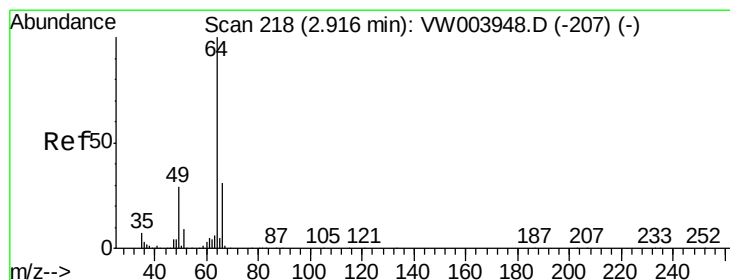
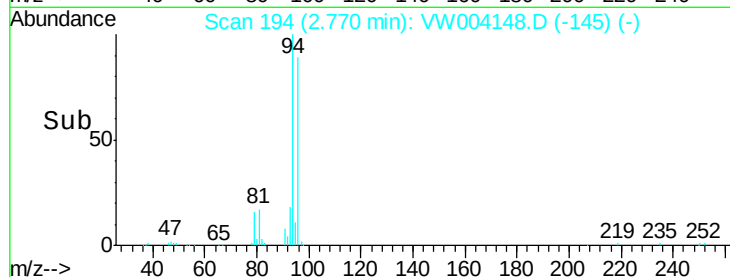
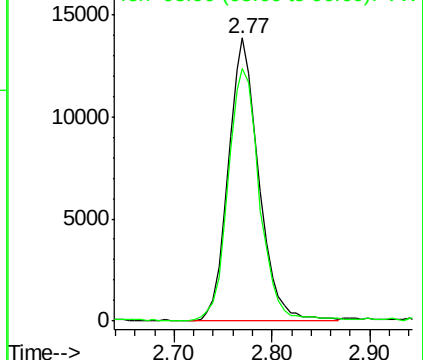
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Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 49.22 ug/l

RT: 2.92 min Scan# 218

Delta R.T. 0.00 min

Lab File: VW004148.D

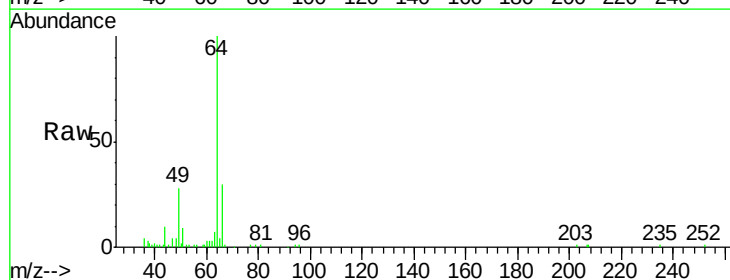
Acq: 23 Jul 2018 19:57

Tgt Ion: 64 Resp: 29954

Ion Ratio Lower Upper

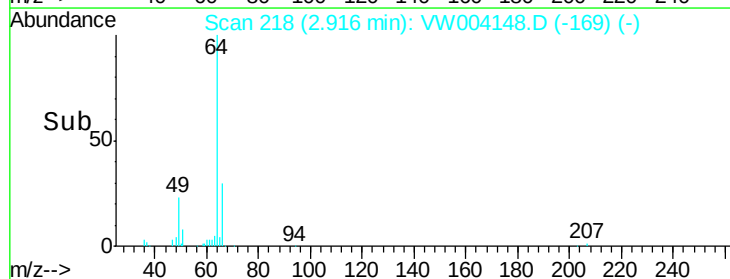
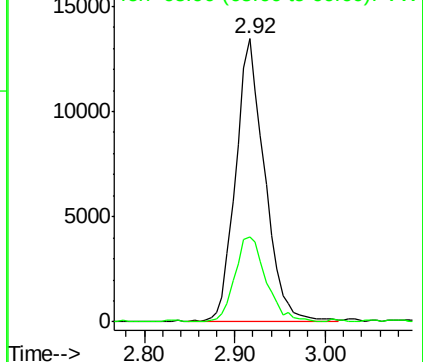
64 100

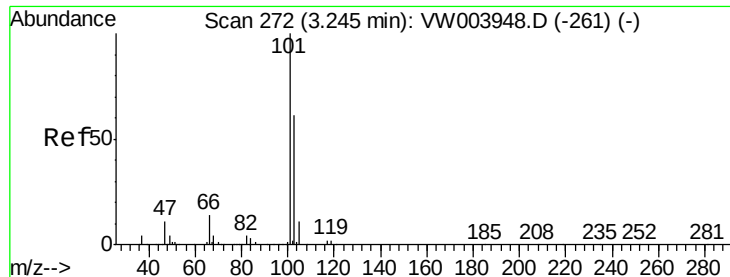
66 30.2 24.5 36.7



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW





#7

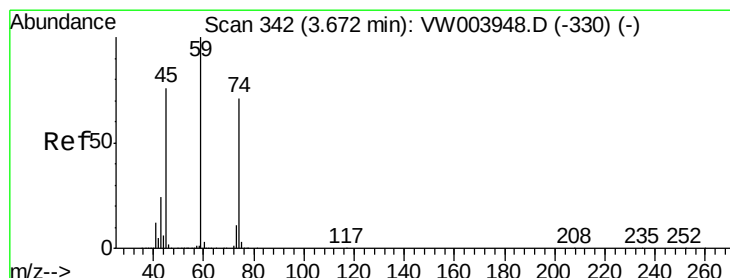
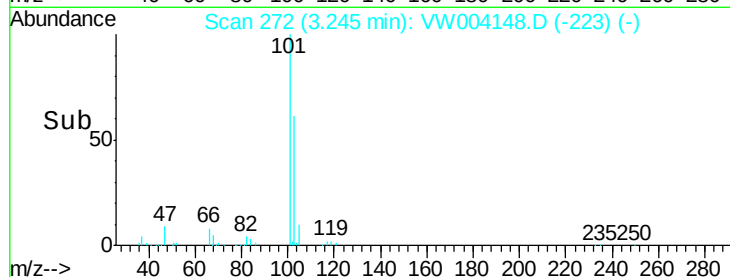
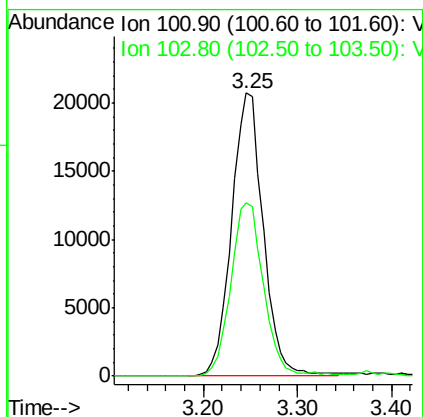
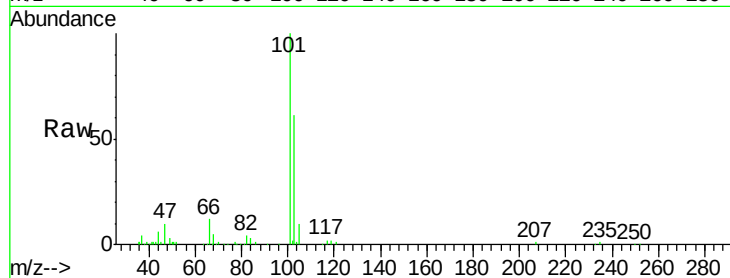
Trichlorofluoromethane
Concen: 107.37 ug/l
RT: 3.25 min Scan# 272
Delta R.T. 0.00 min
Lab File: VW004148.D
Acq: 23 Jul 2018 19:57

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Tot Ion	Ratio	Lower	Upper
101	100		
103	61.2	49.0	73.6

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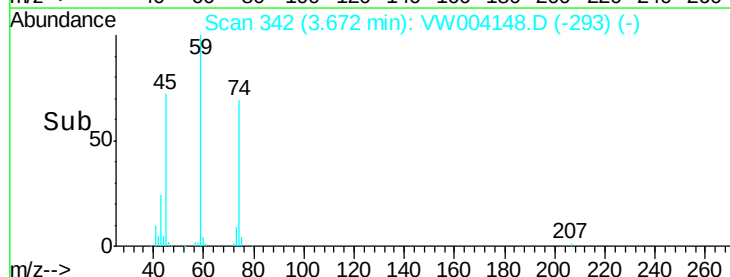
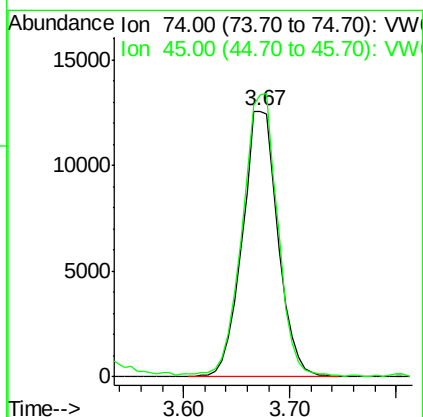
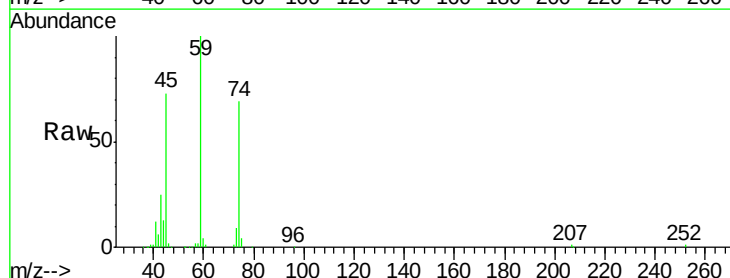
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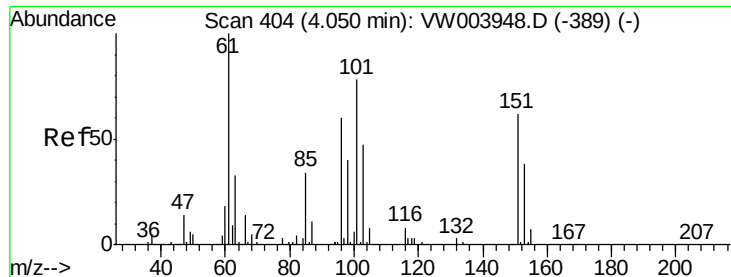


#8

Diethyl Ether
Concen: 56.89 ug/l
RT: 3.67 min Scan# 342
Delta R.T. 0.00 min
Lab File: VW004148.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	106.6	53.8	161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.69 ug/l

RT: 4.04 min Scan# 403

Delta R.T. -0.01 min

Lab File: VW004148.D

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Instrument :

MSVOA_W

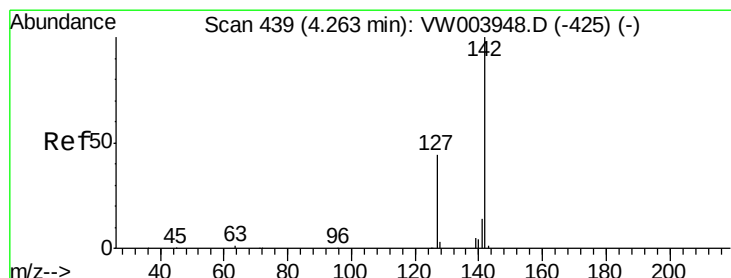
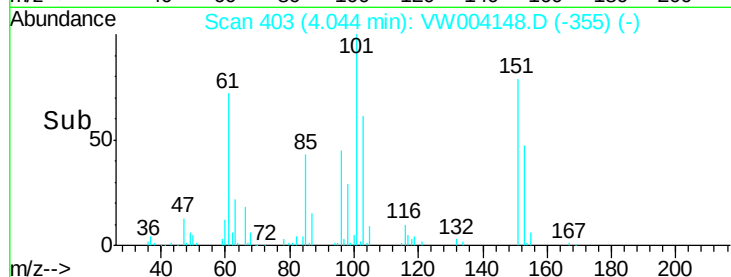
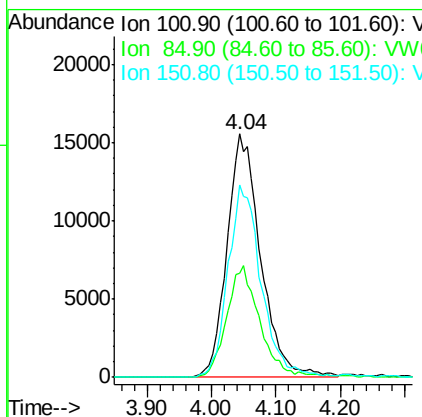
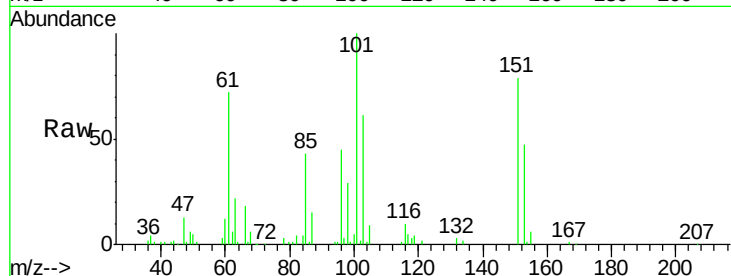
ClientSampleId :

KY030LC006-S-180716MS

Tot Ion:	101	Resp:	56742
Ion Ratio	Lower	Upper	
101	100		
85	45.2	35.8	53.6
151	77.7	63.6	95.4

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#10

Methyl Iodide

Concen: 52.08 ug/l

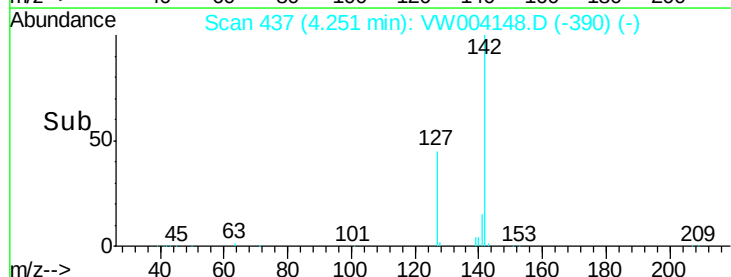
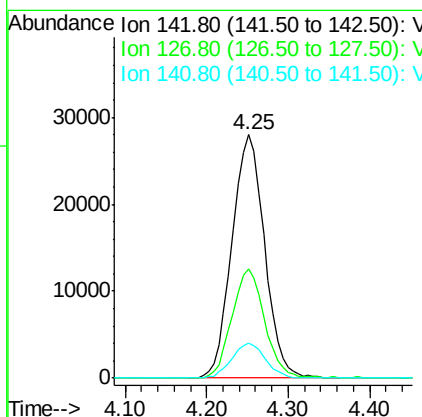
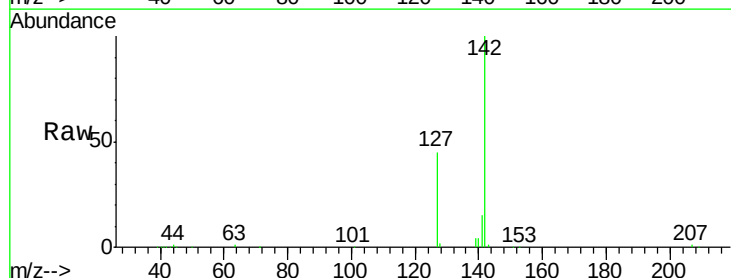
RT: 4.25 min Scan# 437

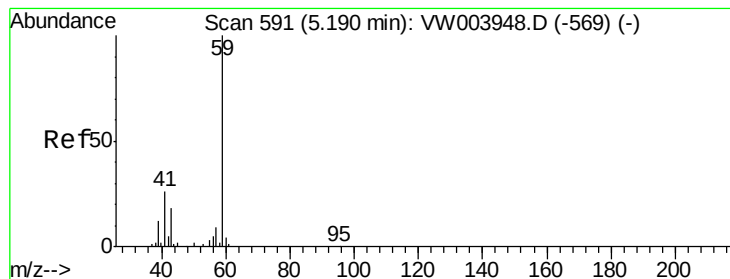
Delta R.T. -0.01 min

Lab File: VW004148.D

Acq: 23 Jul 2018 19:57

Tgt Ion:	142	Resp:	77612
Ion Ratio	Lower	Upper	
142	100		
127	45.0	35.4	53.2
141	14.8	11.7	17.5





#11

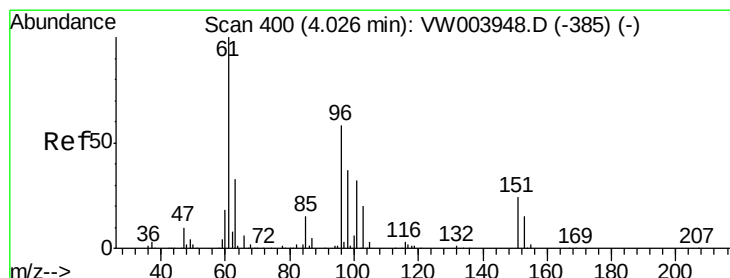
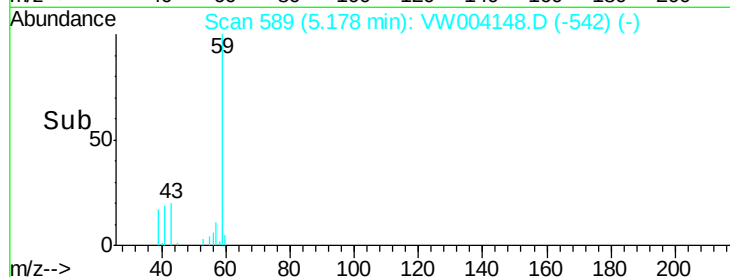
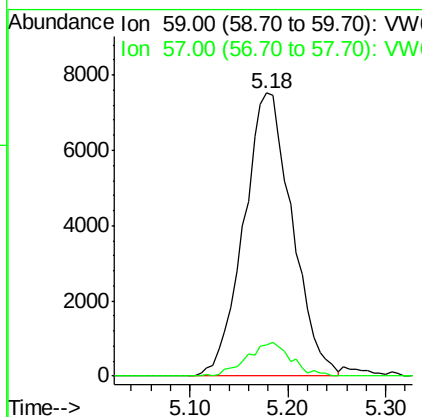
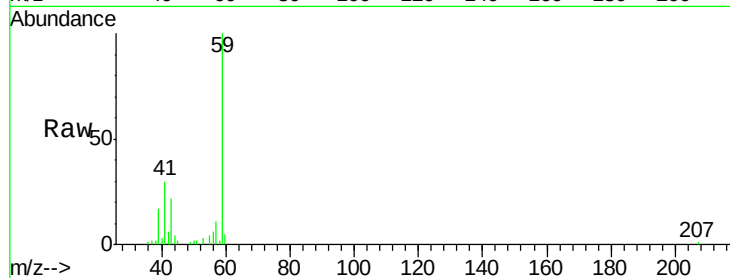
Tert butyl alcohol
 Concen: 318.47 ug/l
 RT: 5.18 min Scan# 589
 Delta R.T. -0.01 min
 Lab File: VW004148.D
 Acq: 23 Jul 2018 19:57

Instrument :
 MSVOA_W
 ClientSampleId :
 KY030LC006-S-180716MS

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.9	8.5	12.7

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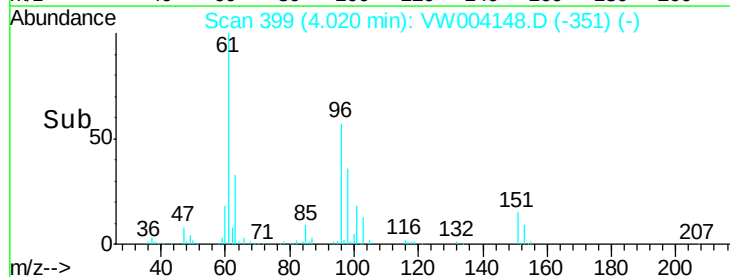
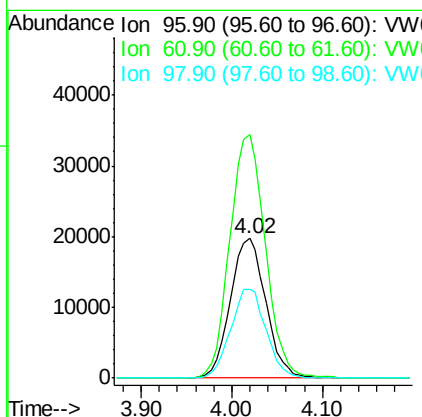
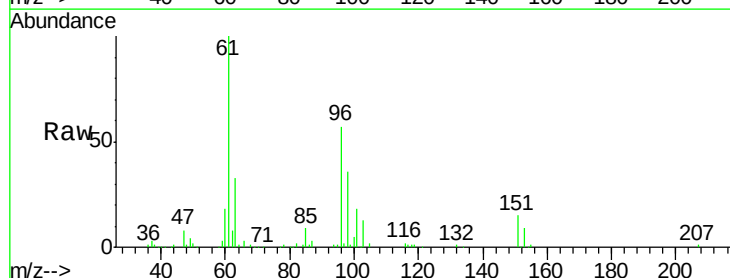
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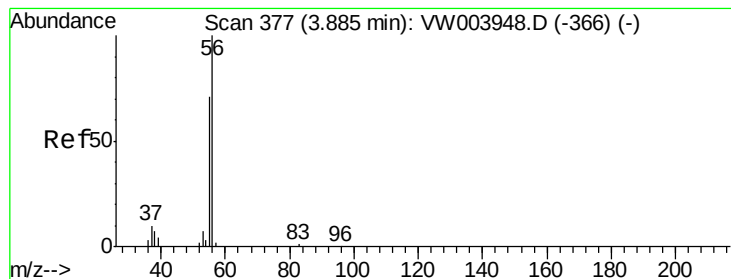


#12

1,1-Dichloroethene
 Concen: 52.37 ug/l
 RT: 4.02 min Scan# 399
 Delta R.T. -0.01 min
 Lab File: VW004148.D
 Acq: 23 Jul 2018 19:57

Tgt Ion	Ratio	Lower	Upper
96	100		
61	174.7	137.0	205.6
98	63.6	50.2	75.4





#13

Acrolein

Concen: 166.54 ug/l

RT: 3.89 min Scan# 377

Delta R.T. 0.00 min

Lab File: VW004148.D

Acq: 23 Jul 2018 19:57

Instrument :

MSVOA_W

ClientSampleId :

KY030LC006-S-180716MS

Tot Ion: 56 Resp: 13910

Ion Ratio Lower Upper

56 100

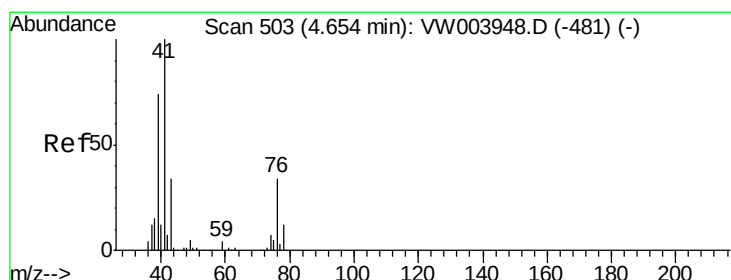
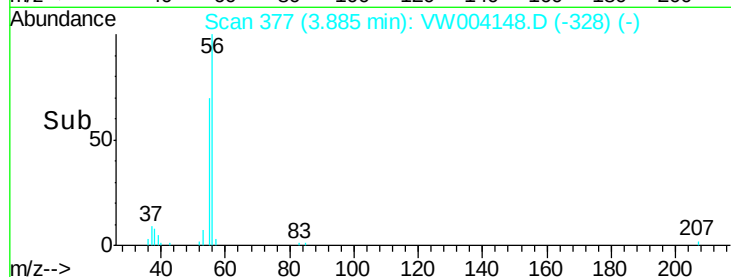
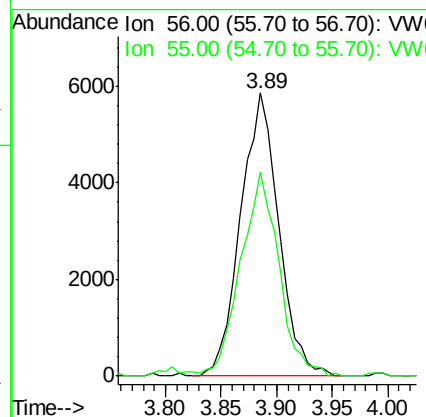
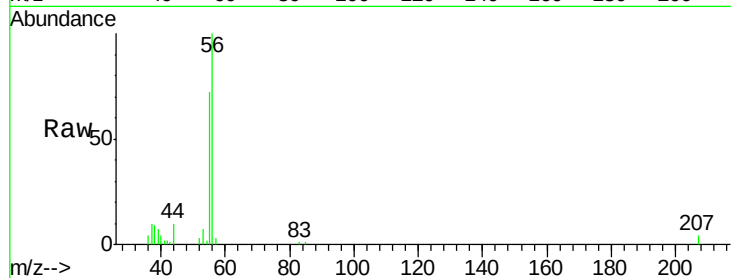
55 72.7 58.2 87.4

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#14

Allyl chloride

Concen: 52.61 ug/l

RT: 4.66 min Scan# 504

Delta R.T. 0.01 min

Lab File: VW004148.D

Acq: 23 Jul 2018 19:57

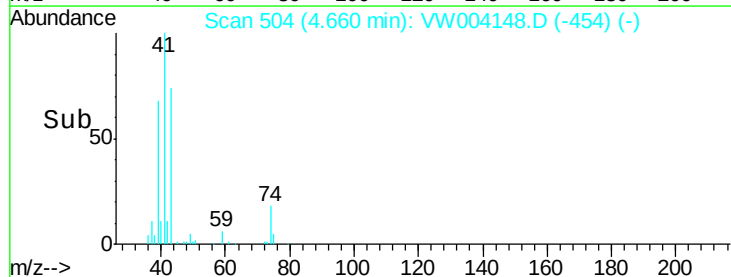
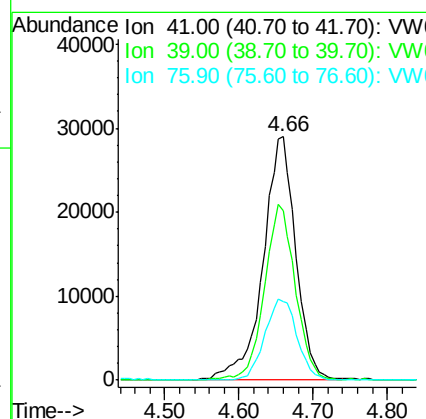
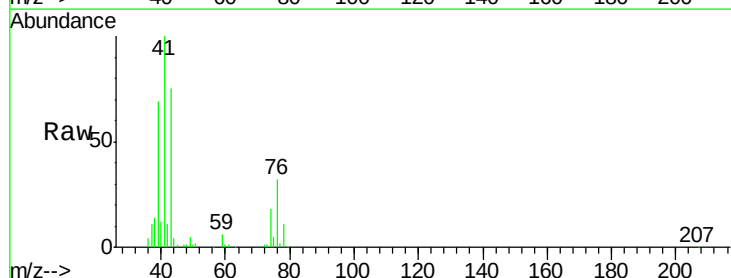
Tgt Ion: 41 Resp: 88912

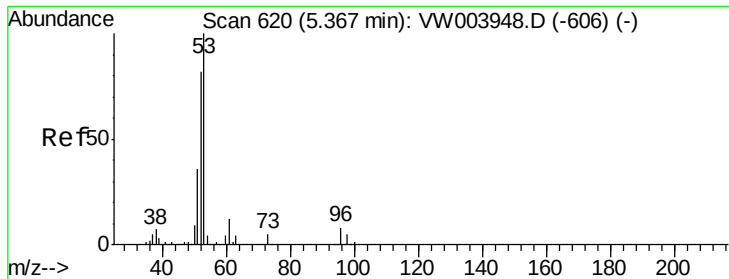
Ion Ratio Lower Upper

41 100

39 68.1 57.0 85.4

76 32.9 26.5 39.7





#15

Acrylonitrile

Concen: 305.76 ug/l

RT: 5.36 min Scan# 619

Delta R.T. -0.01 min

Lab File: VW004148.D

Acq: 23 Jul 2018 19:57

Instrument :

MSVOA_W

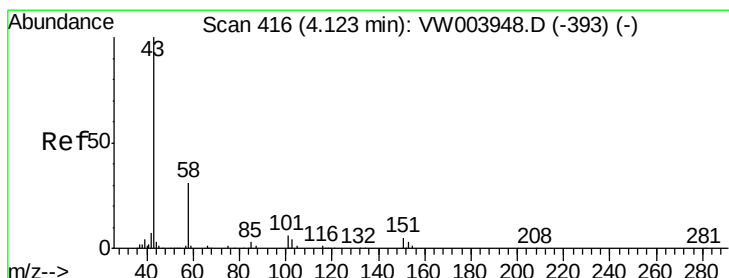
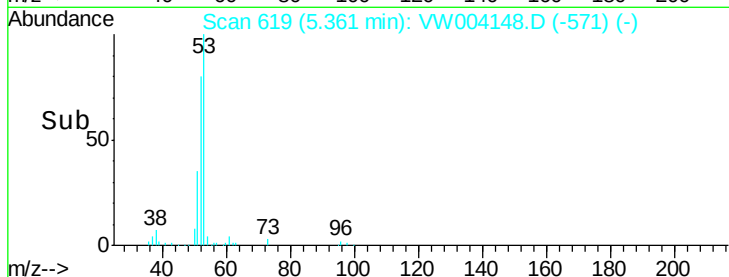
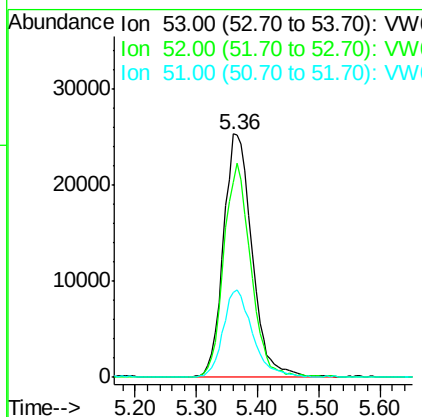
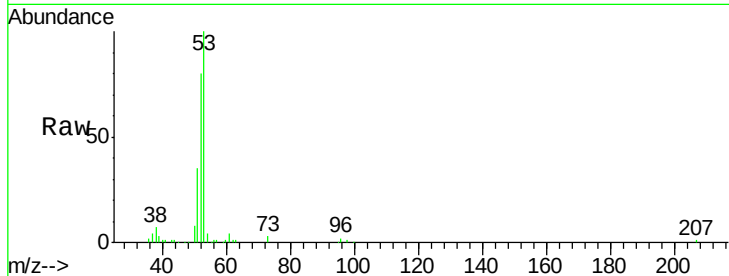
ClientSampleId :

KY030LC006-S-180716MS

Tot Ion:	53	Resp:	81775
Ion	Ratio	Lower	Upper
53	100		
52	82.7	66.1	99.1
51	37.3	29.8	44.6

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#16

Acetone

Concen: 329.20 ug/l

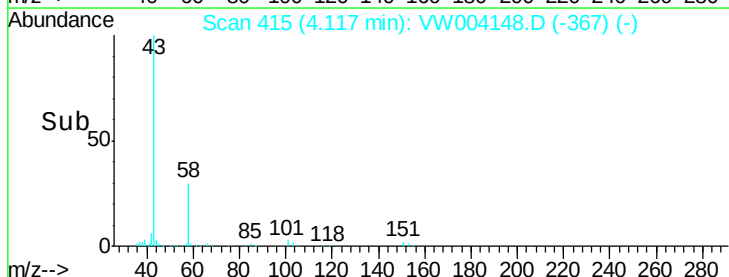
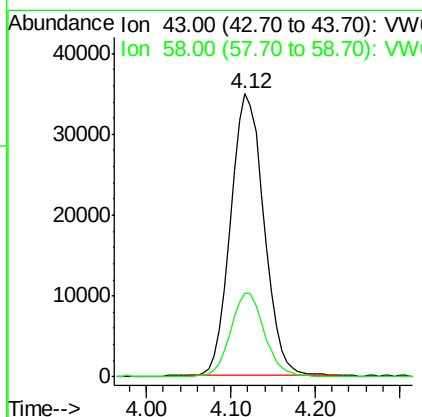
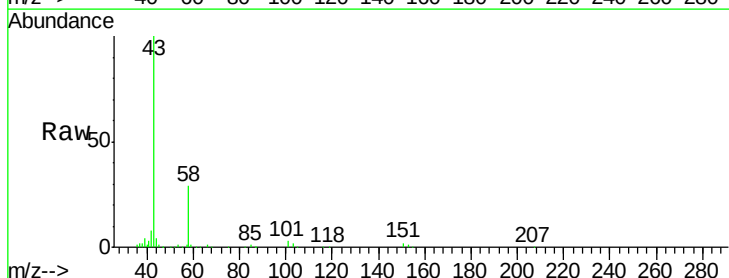
RT: 4.12 min Scan# 415

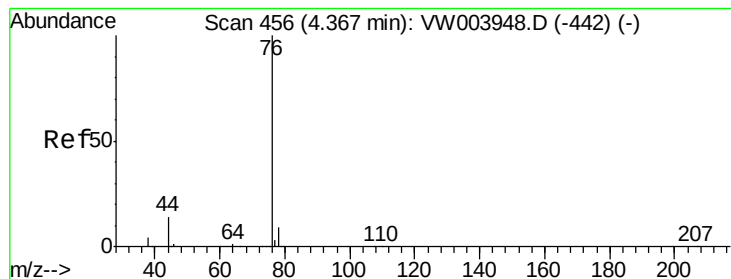
Delta R.T. -0.01 min

Lab File: VW004148.D

Acq: 23 Jul 2018 19:57

Tgt Ion:	43	Resp:	93151
Ion	Ratio	Lower	Upper
43	100		
58	29.6	24.5	36.7





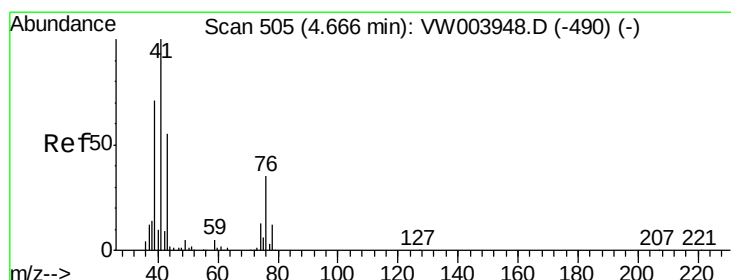
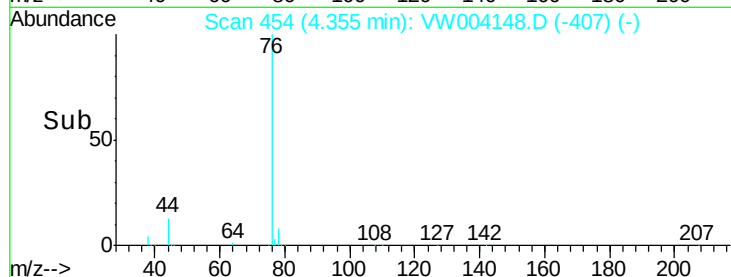
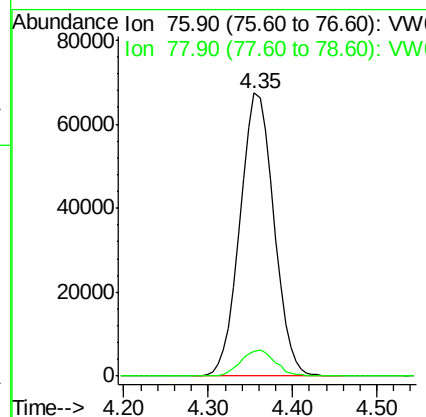
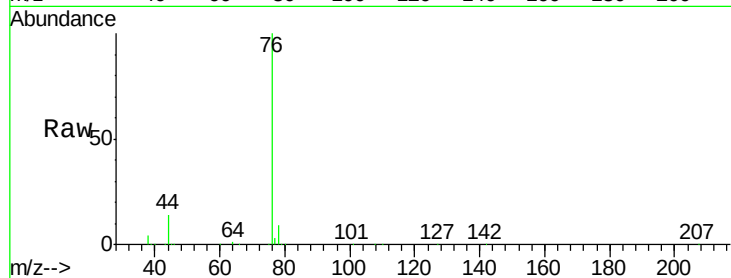
#17
Carbon Disulfide
Concen: 57.57 ug/l
RT: 4.35 min Scan# 454
Delta R.T. -0.01 min
Lab File: VW004148.D
Acq: 23 Jul 2018 19:57

Instrument :
MSVOA_W
ClientSampleId :
KY030LC006-S-180716MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.1	10.7

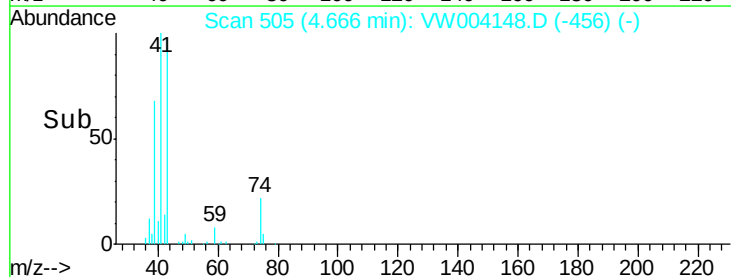
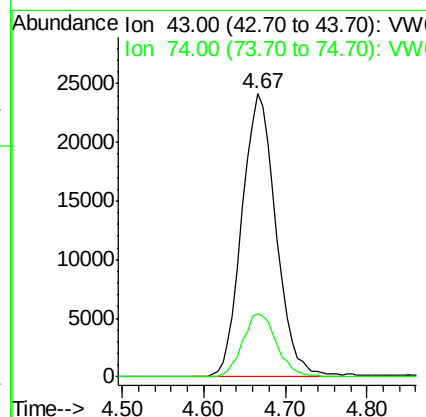
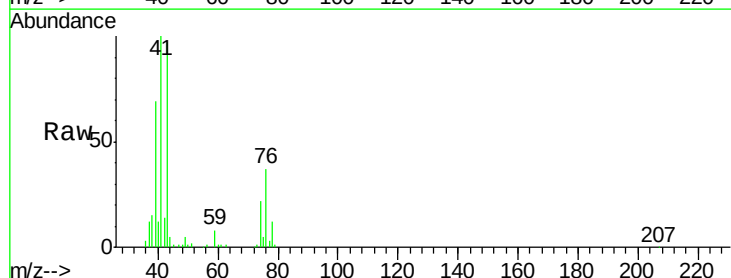
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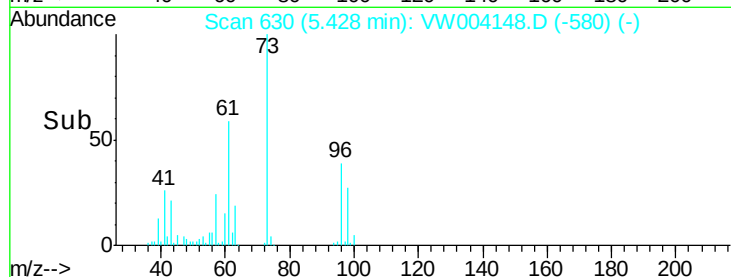
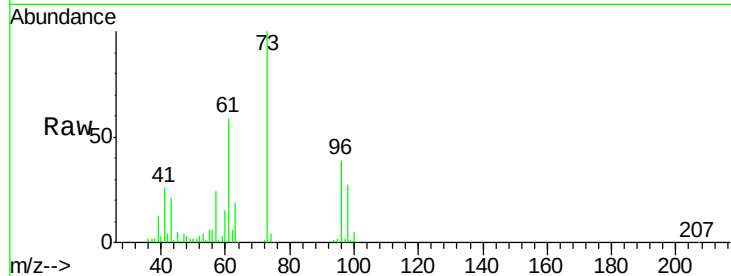
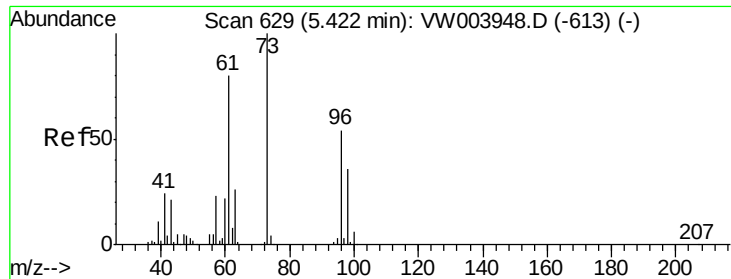
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#18
Methyl Acetate
Concen: 103.20 ug/l
RT: 4.67 min Scan# 505
Delta R.T. 0.00 min
Lab File: VW004148.D
Acq: 23 Jul 2018 19:57

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.2	17.7	26.5





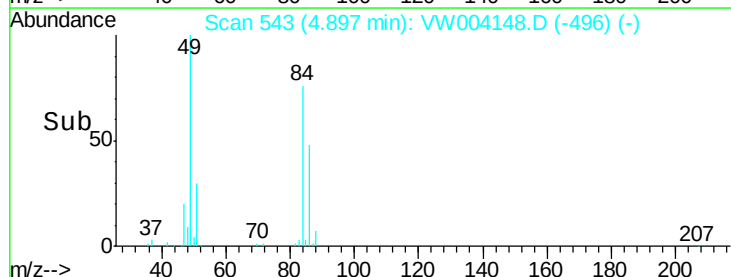
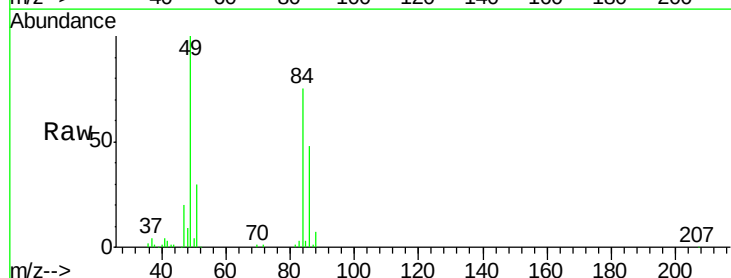
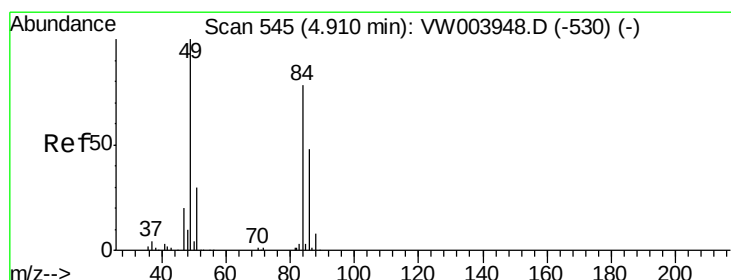
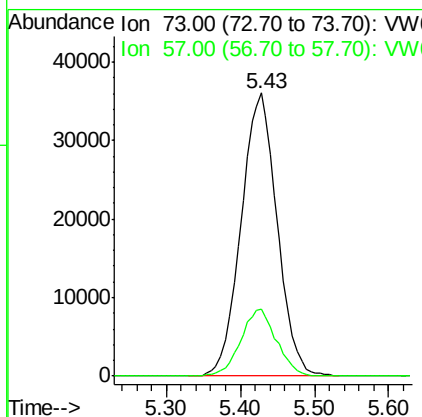
#19
Methyl tert-butyl Ether
Concen: 62.13 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.01 min
Lab File: VW004148.D
Acq: 23 Jul 2018 19:57

Tot Ion: 73 Resp: 121896
Ion Ratio Lower Upper
73 100
57 23.7 18.2 27.4

Instrument :
MSVOA_W
ClientSampleId :
KY030LC006-S-180716MS

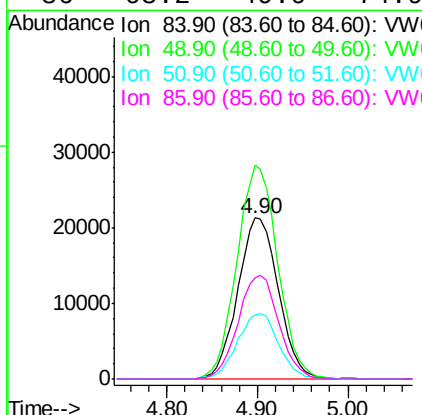
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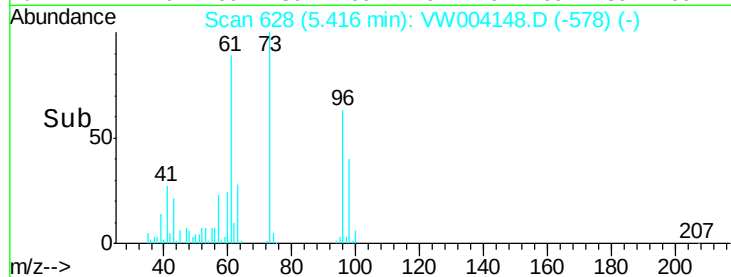
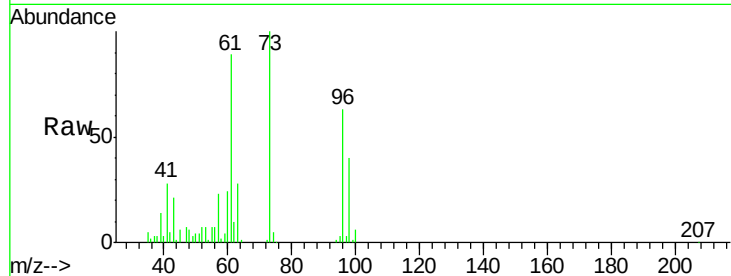
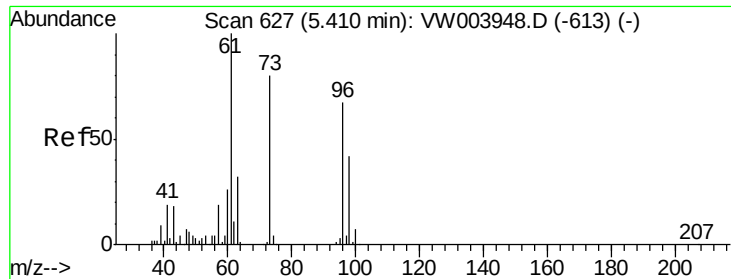
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#20
Methylene Chloride
Concen: 53.39 ug/l
RT: 4.90 min Scan# 543
Delta R.T. -0.01 min
Lab File: VW004148.D
Acq: 23 Jul 2018 19:57

Tgt Ion: 84 Resp: 66036
Ion Ratio Lower Upper
84 100
49 132.9 102.9 154.3
51 39.4 30.9 46.3
86 63.2 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 53.20 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.01 min

Lab File: VW004148.D

Acq: 23 Jul 2018 19:57

Tot Ion:	96	Resp:	59702
Ion	Ratio	Lower	Upper
96	100		
61	141.3	119.0	178.4
98	64.2	49.9	74.9

Instrument :

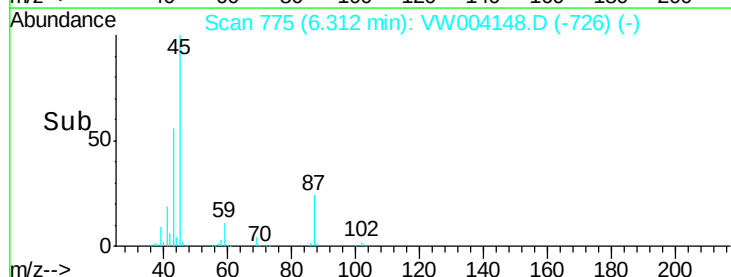
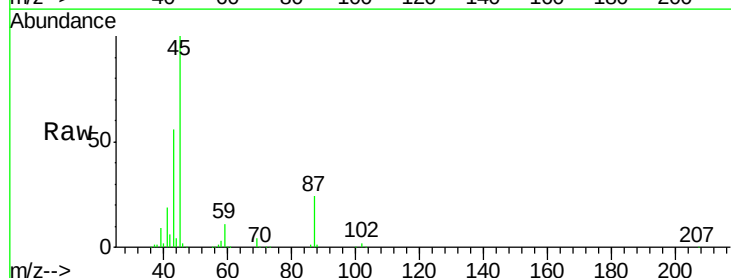
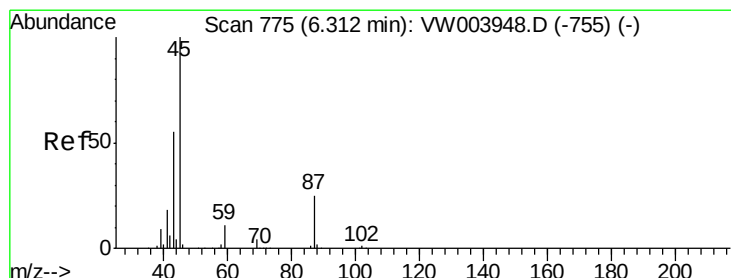
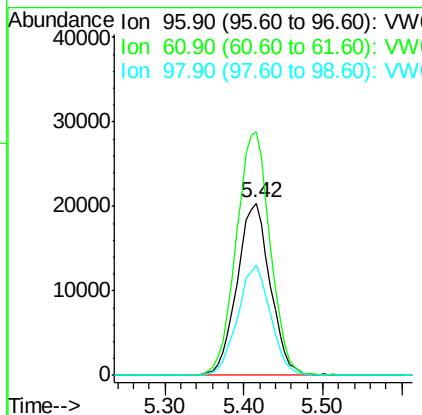
MSVOA_W

ClientSampleId :

KY030LC006-S-180716MS

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#22

Diisopropyl ether

Concen: 56.09 ug/l

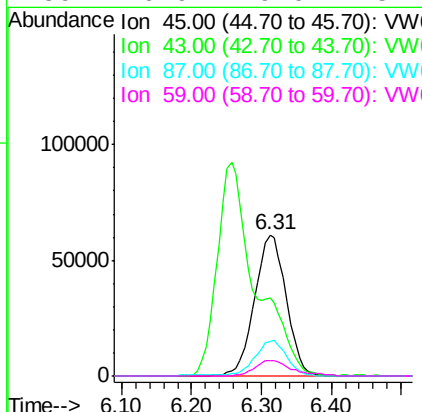
RT: 6.31 min Scan# 775

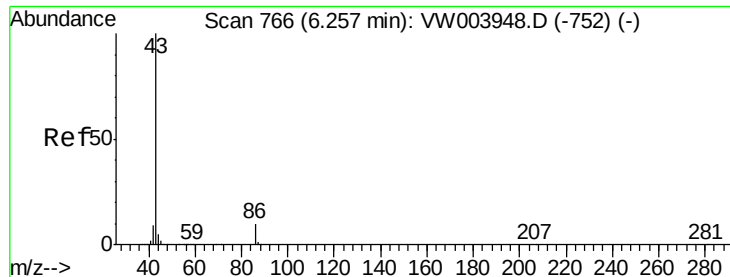
Delta R.T. 0.00 min

Lab File: VW004148.D

Acq: 23 Jul 2018 19:57

Tgt Ion:	45	Resp:	191564
Ion	Ratio	Lower	Upper
45	100		
43	55.3	44.3	66.5
87	24.3	20.2	30.4
59	10.9	9.0	13.4





#23

Vinyl Acetate

Concen: 163.42 ug/l m

RT: 6.26 min Scan# 766

Delta R.T. 0.00 min

Lab File: VW004148.D

Acq: 23 Jul 2018 19:57

Tot Ion: 43 Resp: 353641

Ion Ratio Lower Upper

43 100

86 9.1 7.6 11.4

Instrument :

MSVOA_W

ClientSampleId :

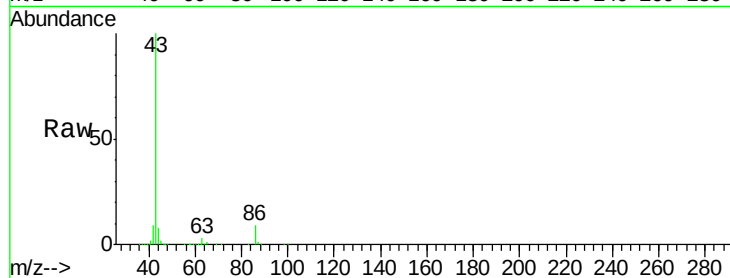
KY030LC006-S-180716MS

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

100000

80000

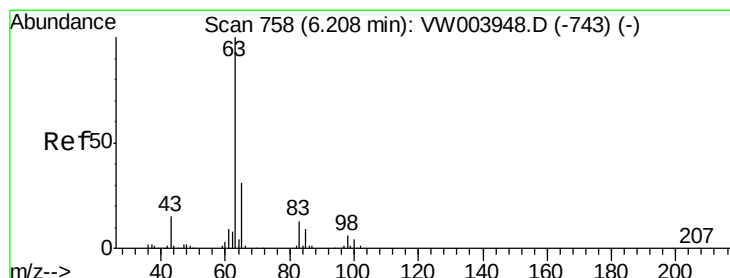
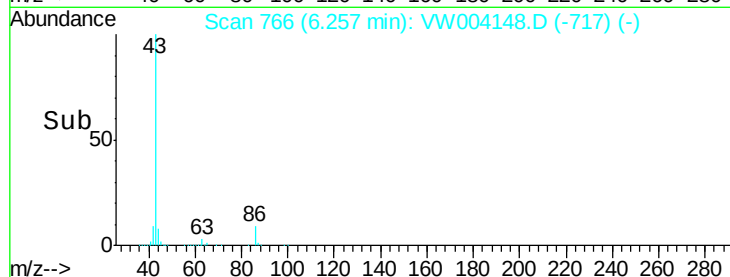
60000

40000

20000

0

Time-->



#24

1,1-Dichloroethane

Concen: 54.20 ug/l

RT: 6.21 min Scan# 759

Delta R.T. 0.01 min

Lab File: VW004148.D

Acq: 23 Jul 2018 19:57

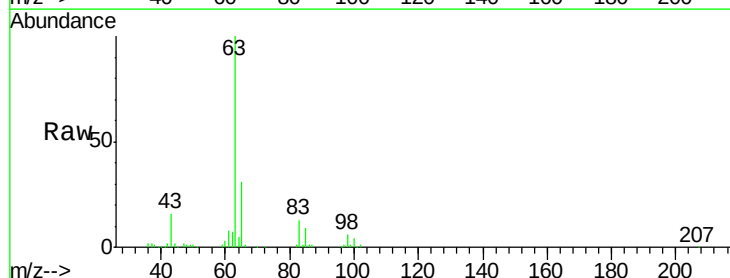
Tgt Ion: 63 Resp: 112955

Ion Ratio Lower Upper

63 100

98 5.8 3.1 9.4

100 3.7 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

6.21

50000

40000

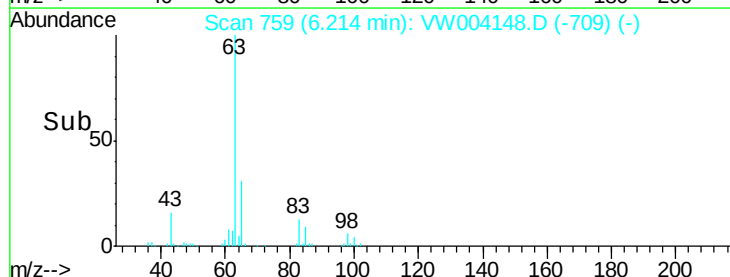
30000

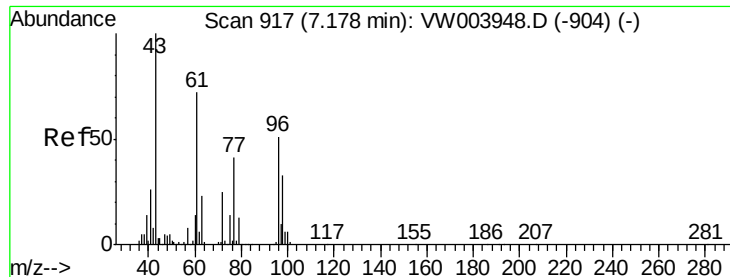
20000

10000

0

Time-->





#25

2-Butanone

Concen: 307.87 ug/l

RT: 7.18 min Scan# 917

Delta R.T. 0.00 min

Lab File: VW004148.D

Acq: 23 Jul 2018 19:57

Instrument :

MSVOA_W

ClientSampleId :

KY030LC006-S-180716MS

Tot Ion: 43 Resp: 117229

Ion Ratio Lower Upper

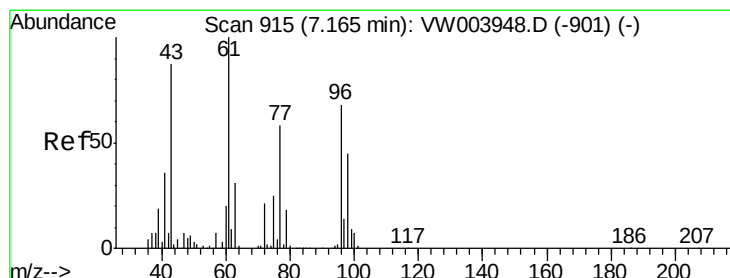
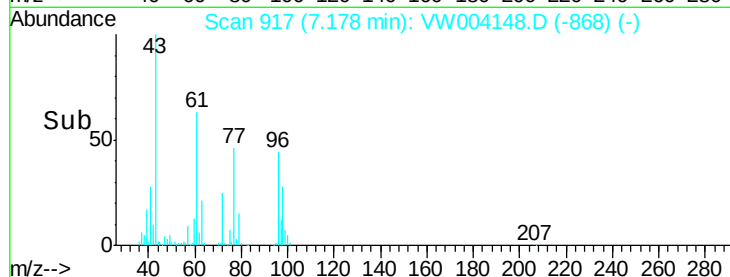
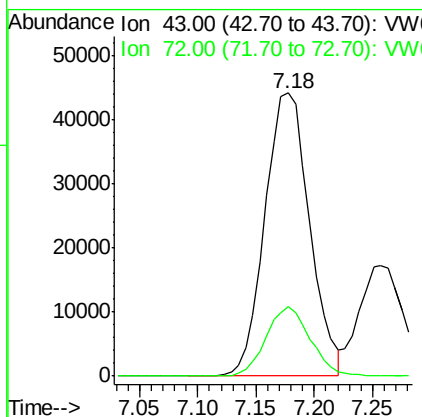
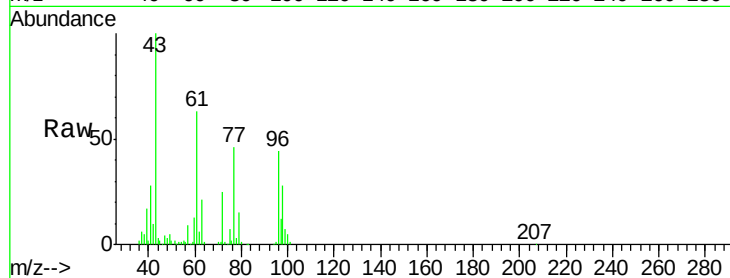
43 100

72 24.7 19.8 29.6

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#26

2,2-Dichloropropane

Concen: 63.46 ug/l

RT: 7.17 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW004148.D

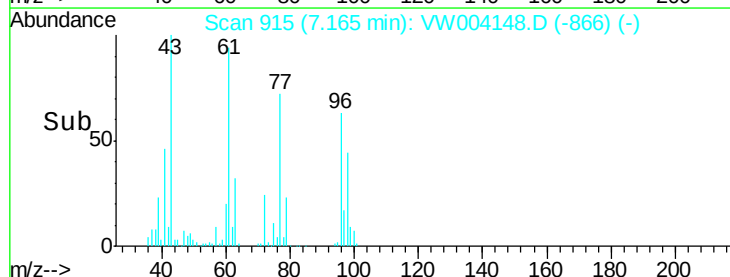
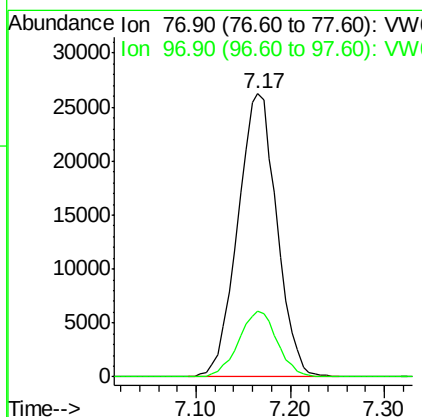
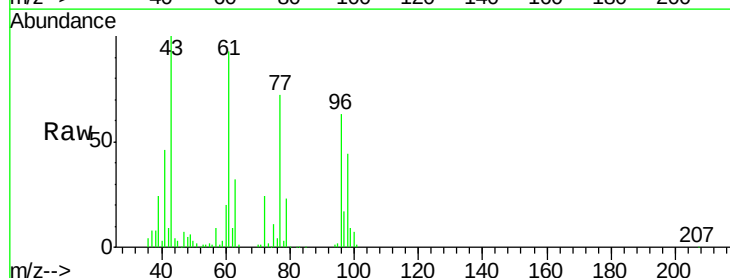
Acq: 23 Jul 2018 19:57

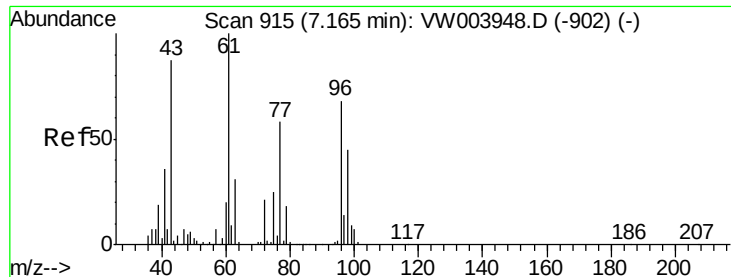
Tgt Ion: 77 Resp: 75912

Ion Ratio Lower Upper

77 100

97 23.0 11.8 35.3





#27

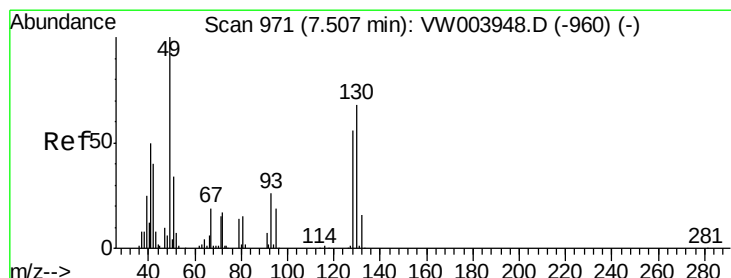
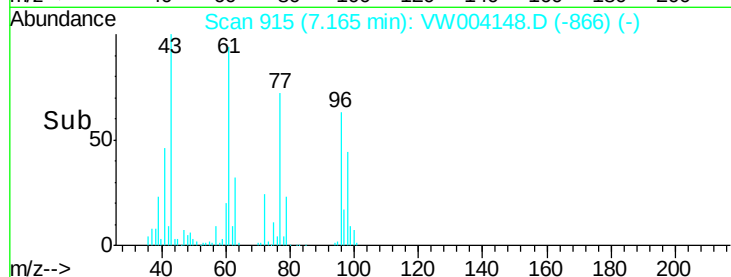
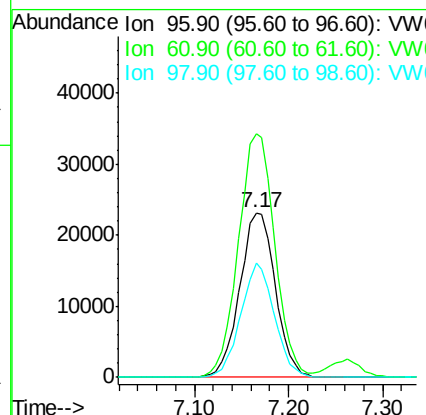
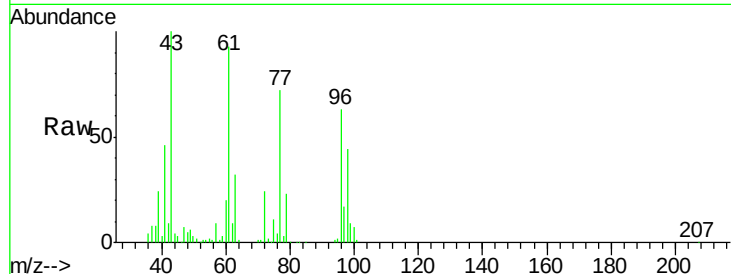
cis-1,2-Dichloroethene
 Concen: 50.40 ug/l
 RT: 7.17 min Scan# 915
 Delta R.T. 0.00 min
 Lab File: VW004148.D
 Acq: 23 Jul 2018 19:57

Instrument :
 MSVOA_W
 ClientSampleId :
 KY030LC006-S-180716MS

Tot Ion	Ratio	Lower	Upper
96	100		
61	151.6	0.0	298.6
98	65.6	0.0	130.4

Manual Integrations
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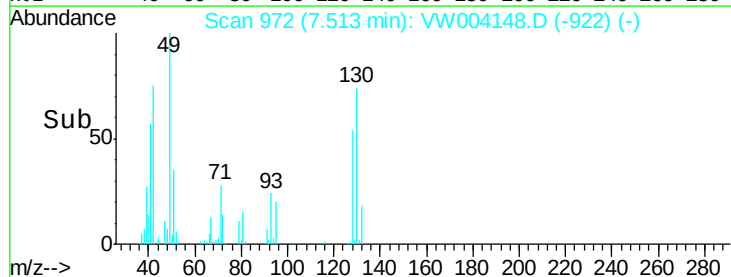
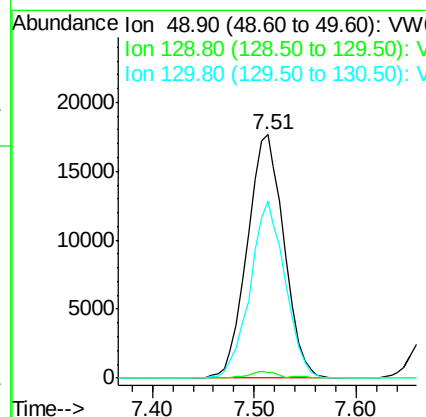
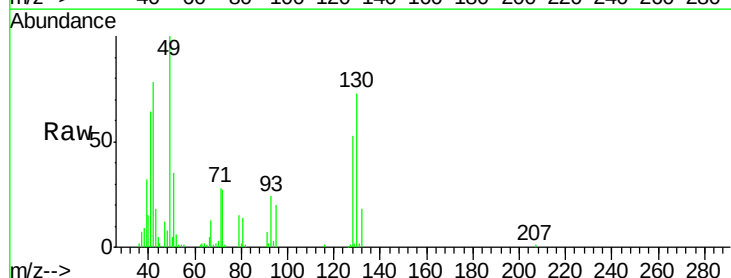
apatel
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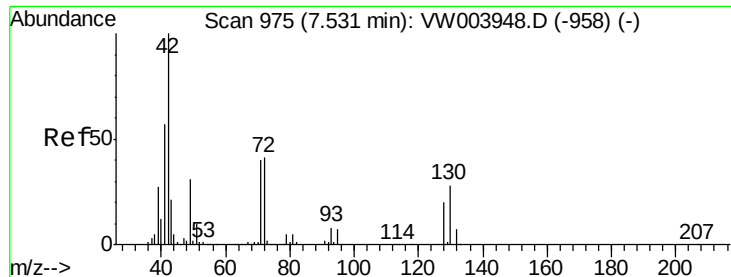


#28

Bromochloromethane
 Concen: 51.84 ug/l
 RT: 7.51 min Scan# 972
 Delta R.T. 0.01 min
 Lab File: VW004148.D
 Acq: 23 Jul 2018 19:57

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	2.2
130	69.3	58.3	87.5





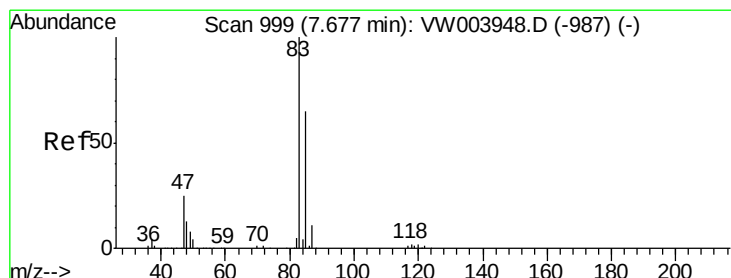
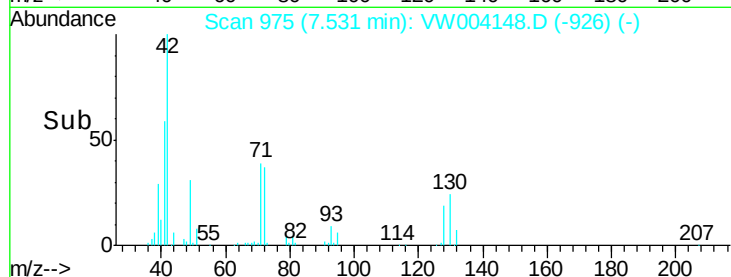
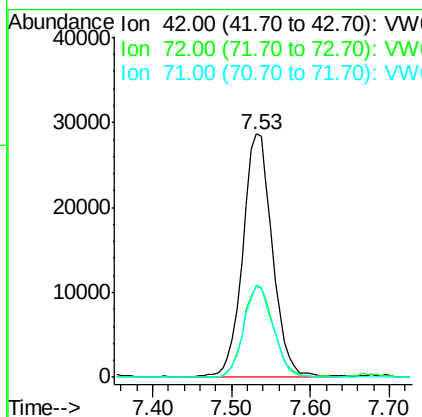
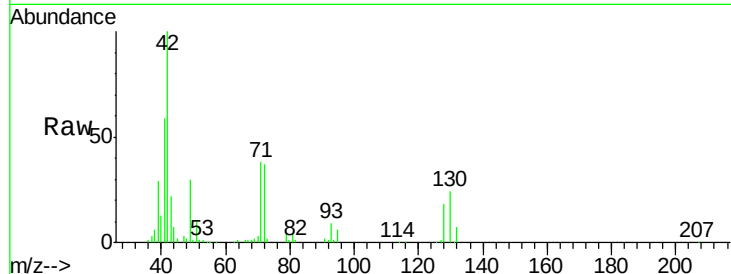
#29
Tetrahydrofuran
Concen: 317.23 ug/l
RT: 7.53 min Scan# 975
Delta R.T. 0.00 min
Lab File: VW004148.D
Acq: 23 Jul 2018 19:57

Instrument :
MSVOA_W
ClientSampleId :
KY030LC006-S-180716MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	37.9	32.6	48.8
71	37.0	30.5	45.7

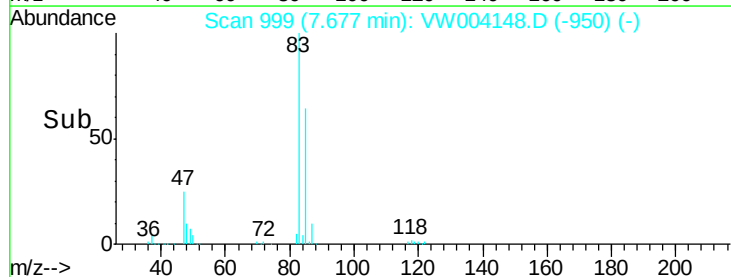
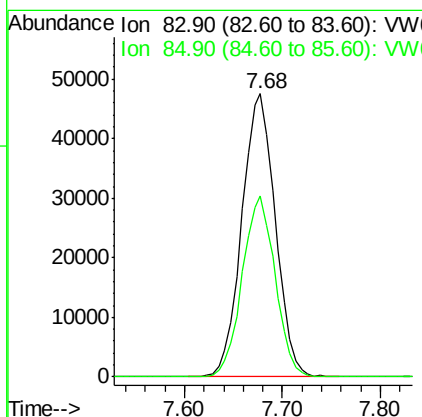
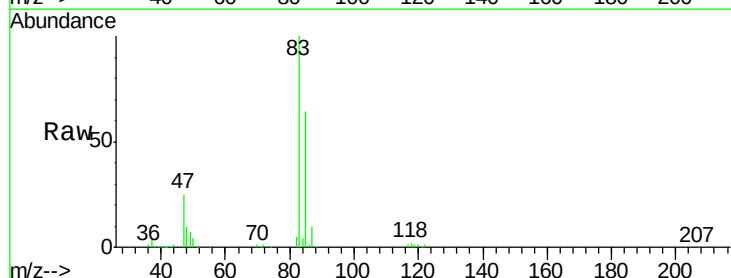
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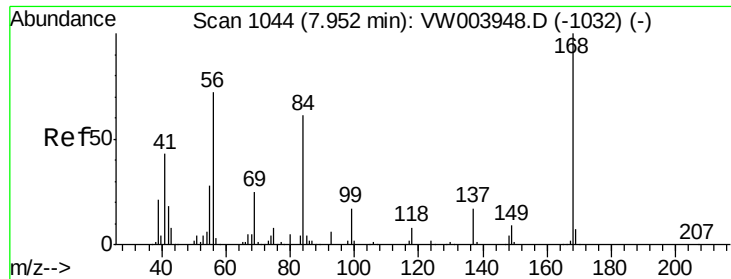
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#30
Chloroform
Concen: 54.45 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW004148.D
Acq: 23 Jul 2018 19:57

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.0	52.2	78.4





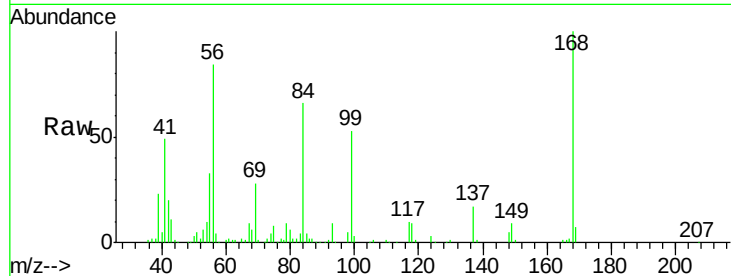
#31
Cyclohexane
Concen: 49.42 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. 0.00 min
Lab File: VW004148.D
Acq: 23 Jul 2018 19:57

Instrument :
MSVOA_W
ClientSampleId :
KY030LC006-S-180716MS

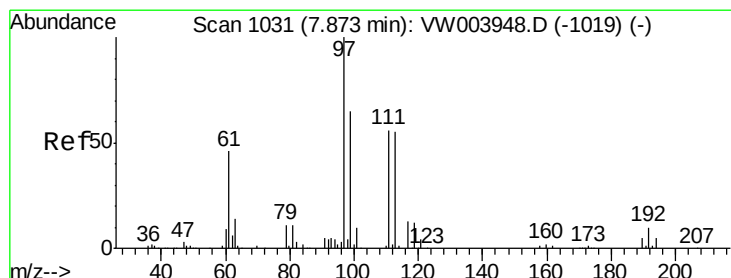
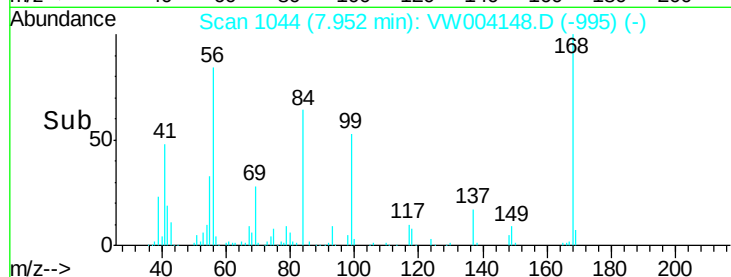
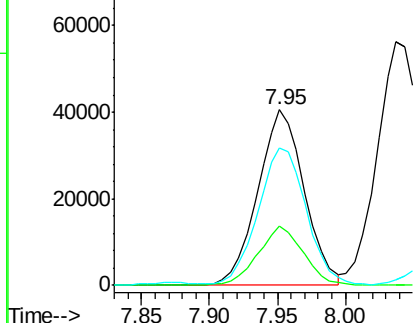
Tot Ion	56	69	84
Ion	100	33.5	77.4
Ratio			
Lower		27.8	67.2
Upper		41.8	100.8

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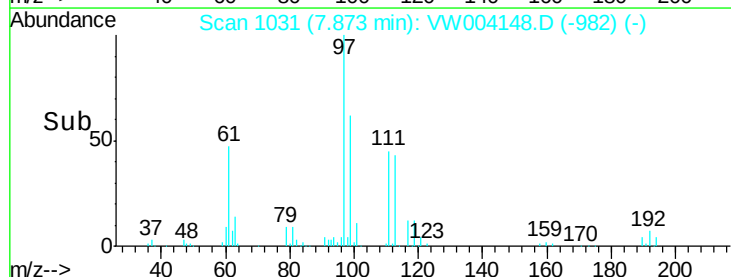
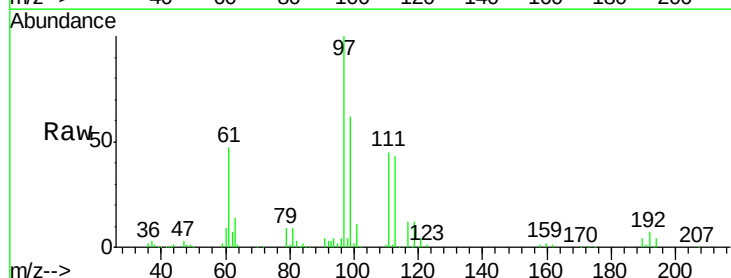
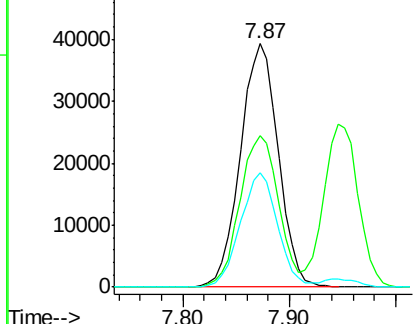
Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

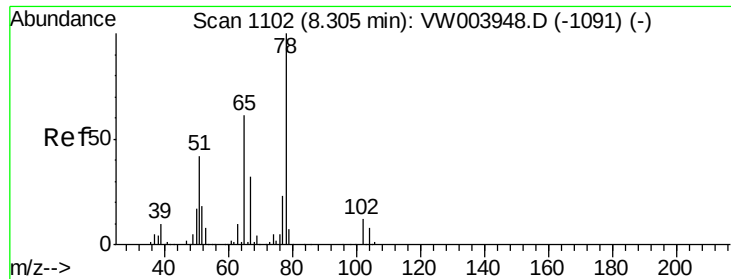


#32
1,1,1-Trichloroethane
Concen: 60.68 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VW004148.D
Acq: 23 Jul 2018 19:57

Tgt Ion	97	99	61
Ion	100	63.4	46.2
Ratio			
Lower		51.3	36.8
Upper		76.9	55.2

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





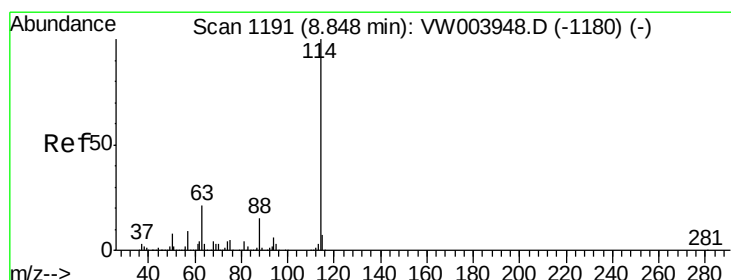
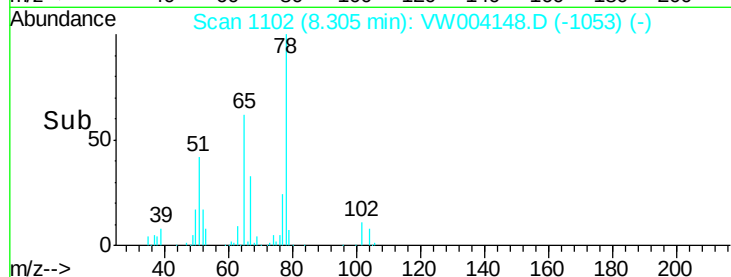
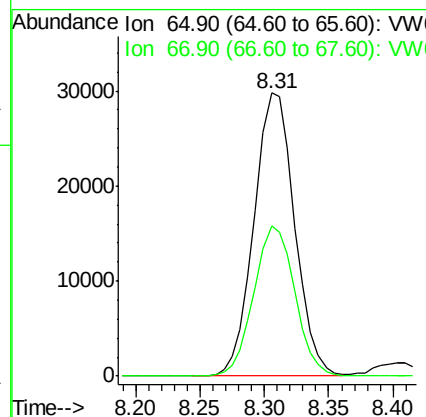
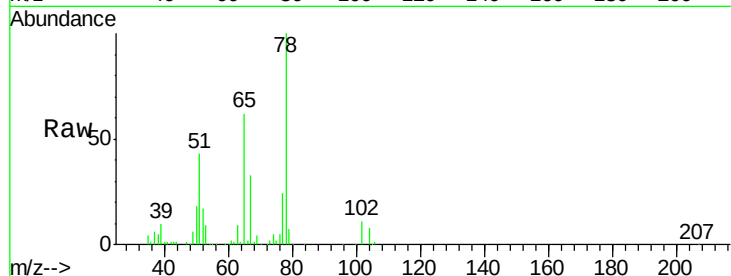
#33
 1,2-Dichloroethane-d4
 Concen: 55.25 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: VW004148.D
 Acq: 23 Jul 2018 19:57

Instrument :
 MSVOA_W
 ClientSampleId :
 KY030LC006-S-180716MS

Tot Ion	Ratio	Resp	Lower	Upper
65	100	65057		
67	53.4	0.0	105.0	

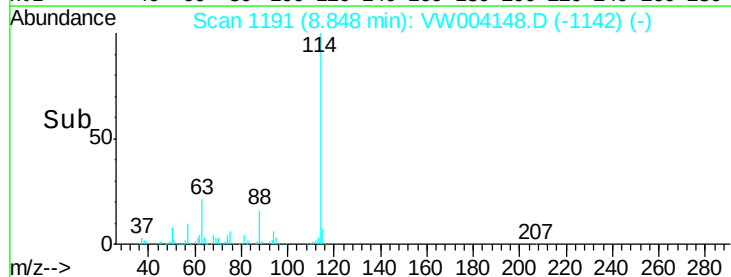
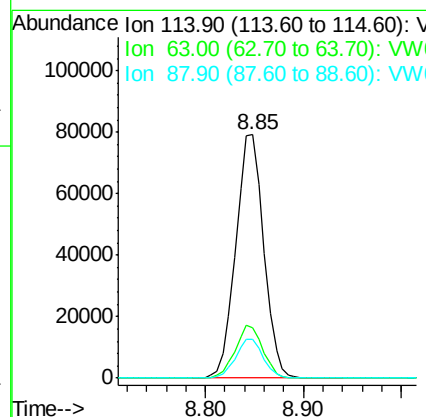
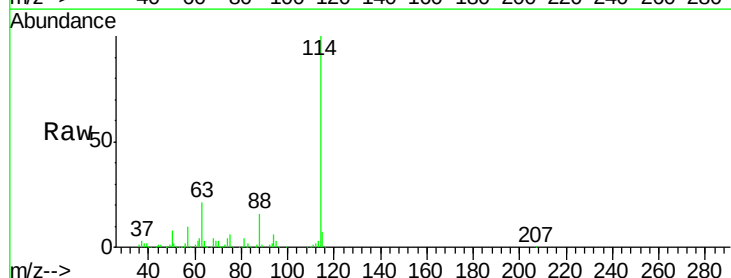
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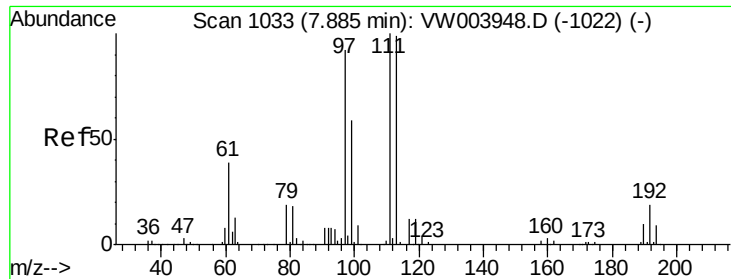
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004148.D
 Acq: 23 Jul 2018 19:57

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	157093		
63	20.7	0.0	42.8	
88	15.9	0.0	30.4	





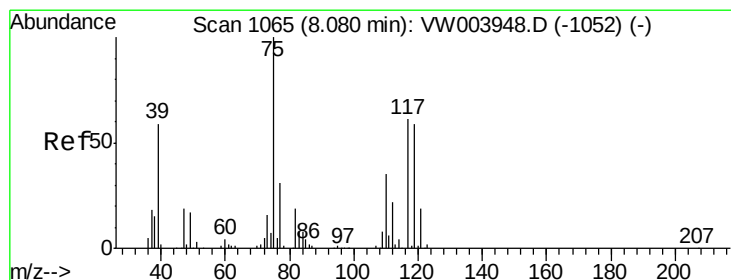
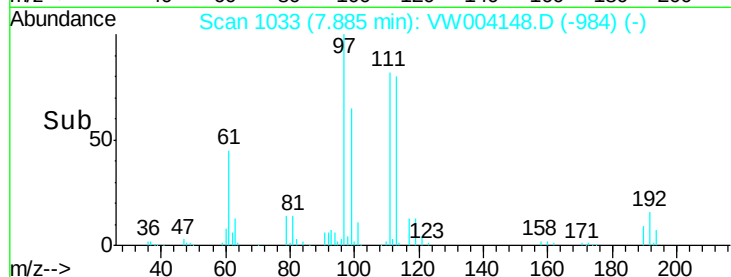
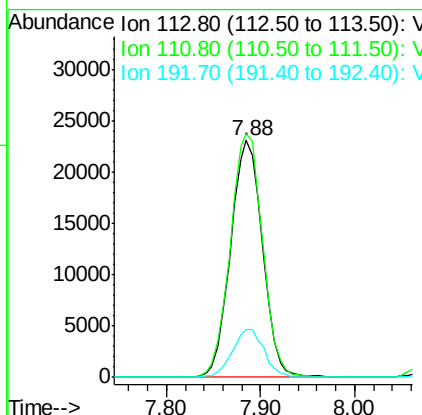
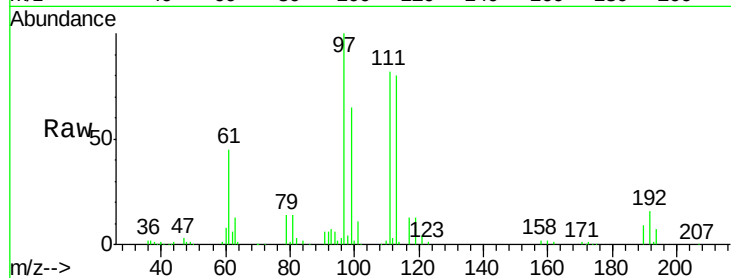
#35
Dibromofluoromethane
Concen: 53.89 ug/l
RT: 7.88 min Scan# 1033
Delta R.T. 0.00 min
Lab File: VW004148.D
Acq: 23 Jul 2018 19:57

Instrument :
MSVOA_W
ClientSampleId :
KY030LC006-S-180716MS

Tot Ion:113 Resp: 54322
Ion Ratio Lower Upper
113 100
111 104.5 81.3 121.9
192 20.1 15.8 23.6

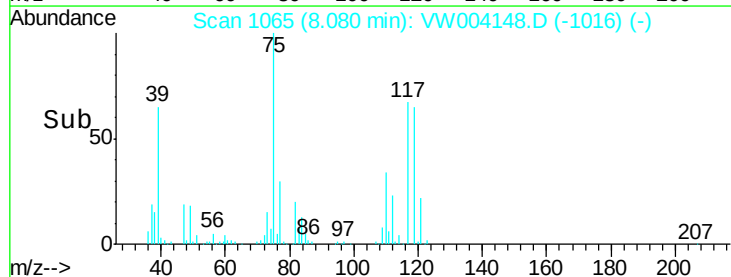
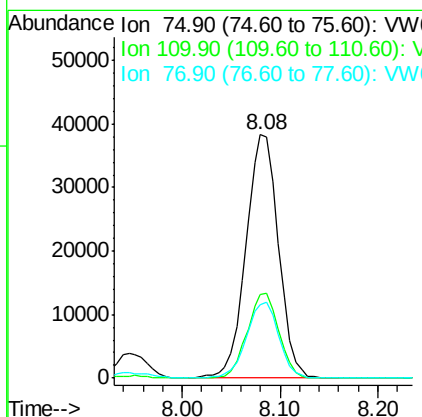
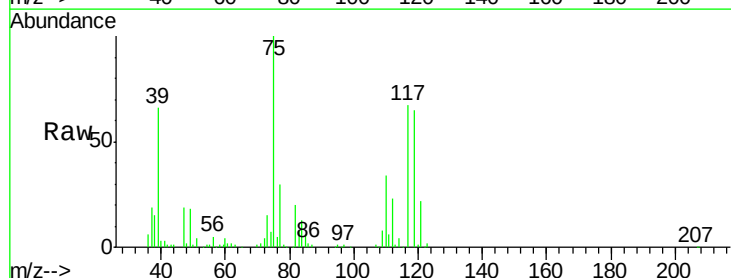
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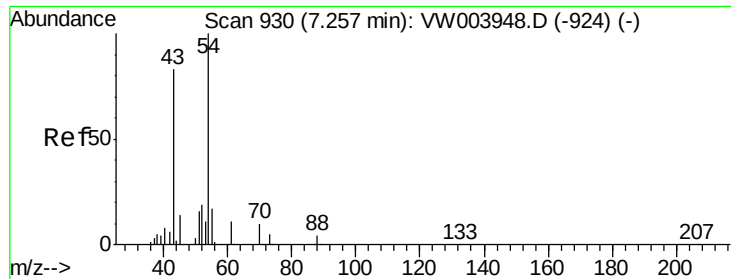
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#36
1,1-Dichloropropene
Concen: 54.57 ug/l
RT: 8.08 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW004148.D
Acq: 23 Jul 2018 19:57

Tgt Ion: 75 Resp: 88207
Ion Ratio Lower Upper
75 100
110 34.1 17.0 51.0
77 31.3 24.9 37.3





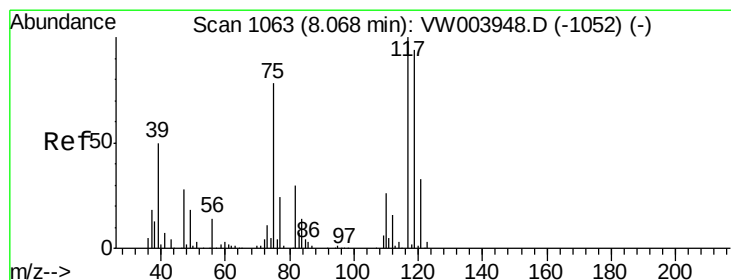
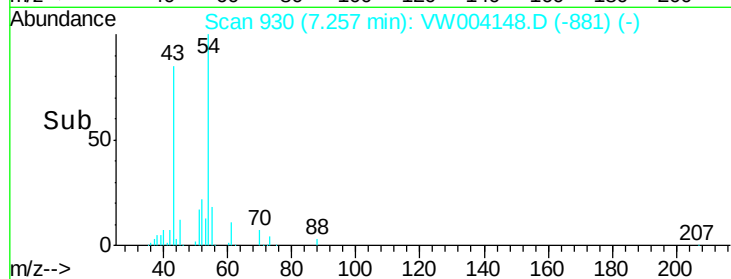
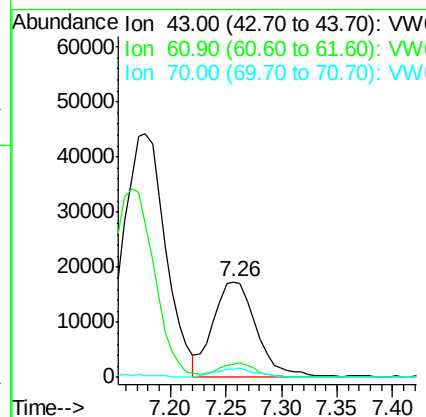
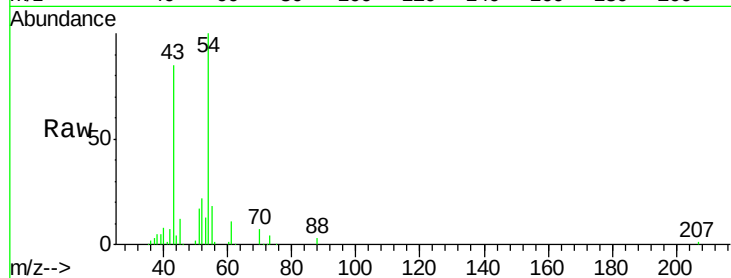
#37
Ethyl Acetate
Concen: 59.29 ug/l
RT: 7.26 min Scan# 930
Delta R.T. 0.00 min
Lab File: VW004148.D
Acq: 23 Jul 2018 19:57

Instrument :
MSVOA_W
ClientSampleId :
KY030LC006-S-180716MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.0	10.7	16.1
70	9.1	7.7	11.5

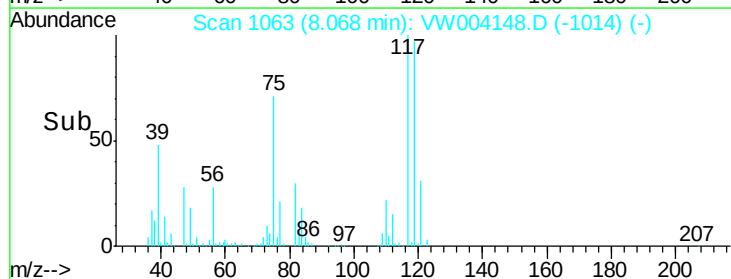
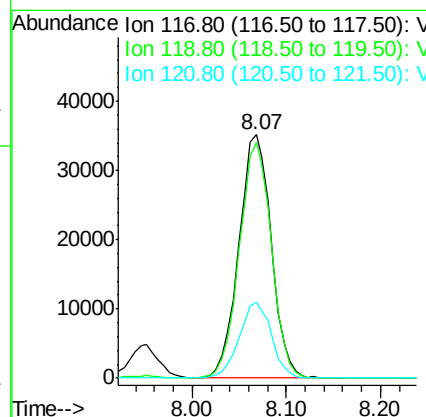
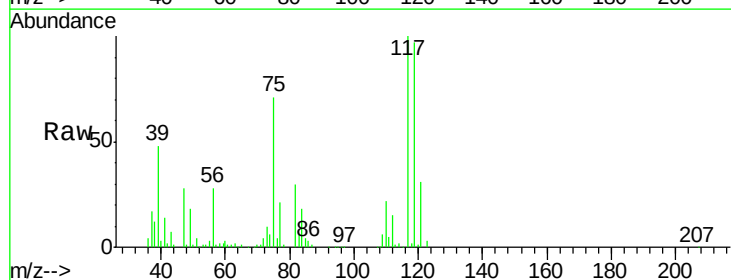
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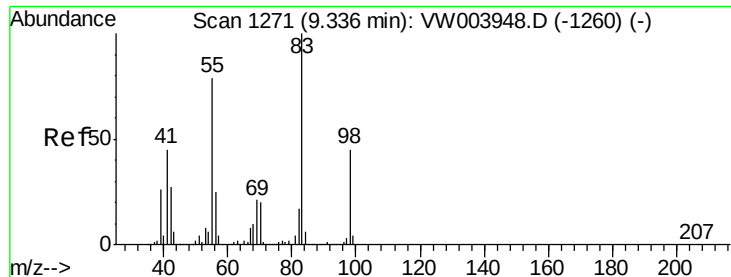
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#38
Carbon Tetrachloride
Concen: 55.91 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW004148.D
Acq: 23 Jul 2018 19:57

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.2	75.3	112.9
121	31.2	26.0	39.0





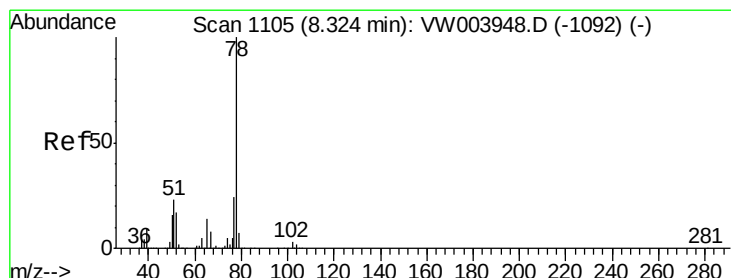
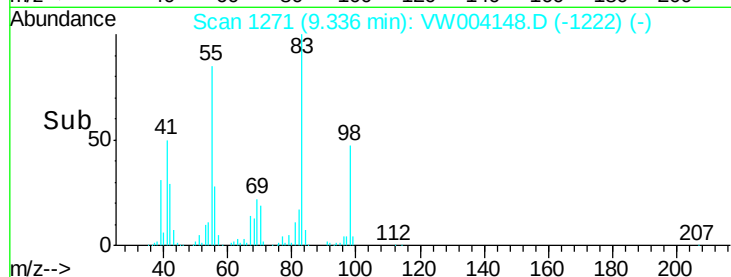
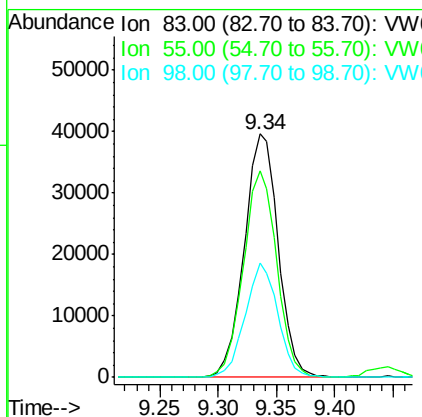
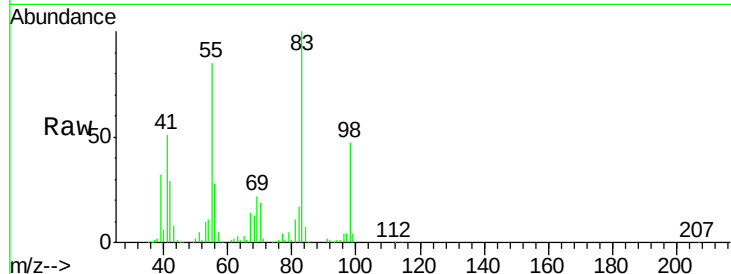
#39
Methylvlcyclohexane
Concen: 42.61 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VW004148.D
Acq: 23 Jul 2018 19:57

Instrument :
MSVOA_W
ClientSampleId :
KY030LC006-S-180716MS

Tot Ion	Ratio	Lower	Upper
83	100		
55	84.5	62.8	94.2
98	47.0	36.2	54.4

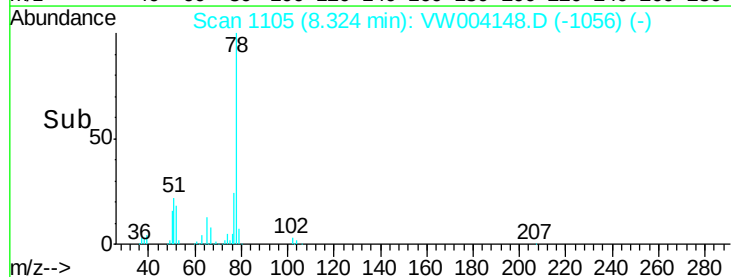
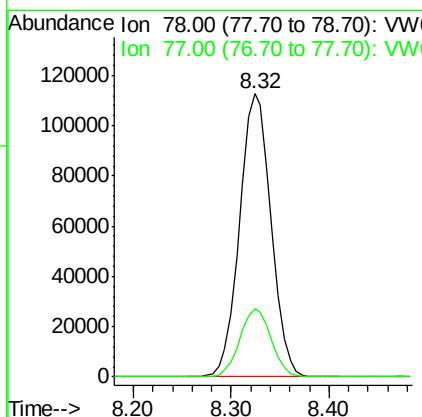
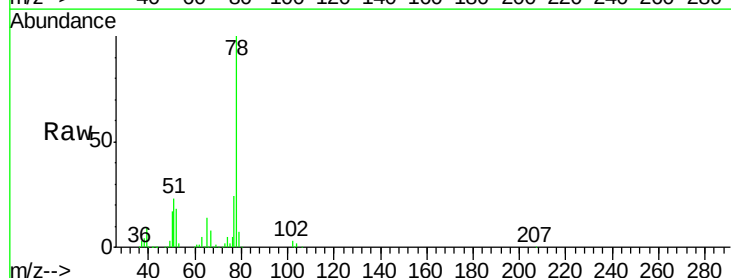
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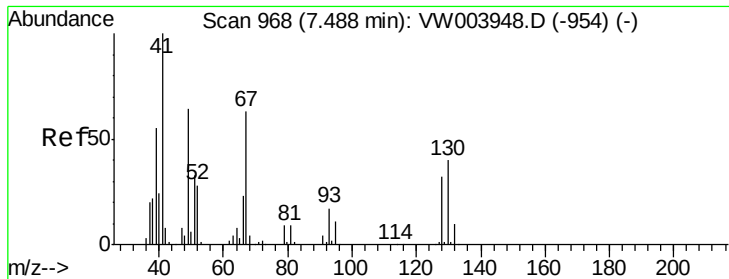
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#40
Benzene
Concen: 55.88 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VW004148.D
Acq: 23 Jul 2018 19:57

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.5	29.3





#41

Methacrylonitrile

Concen: 65.85 ug/l

RT: 7.49 min Scan# 968

Delta R.T. 0.00 min

Lab File: VW004148.D

Acq: 23 Jul 2018 19:57

Instrument :

MSVOA_W

ClientSampleId :

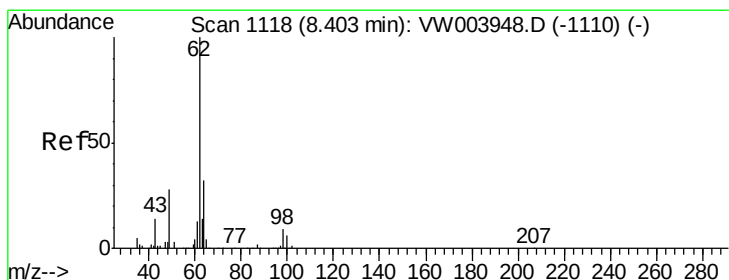
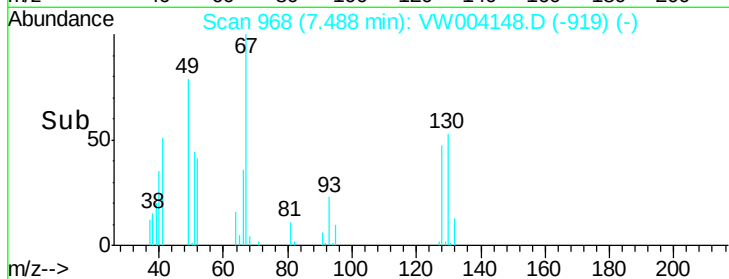
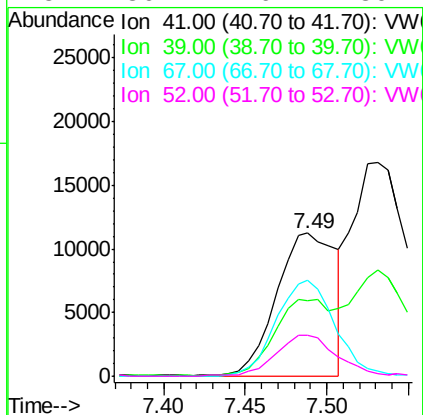
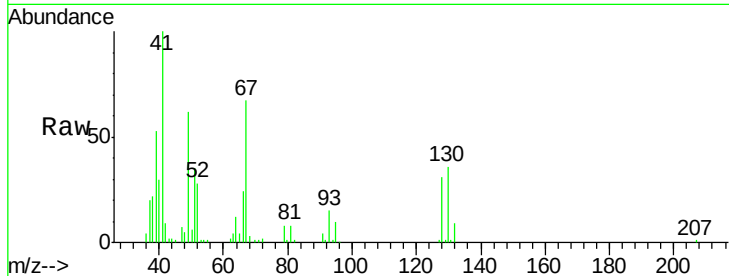
KY030LC006-S-180716MS

Tot Ion	41	Resp	28446
Ion Ratio	Lower	Upper	
41	100		
39	48.2	50.0	75.0#
67	66.8	60.8	91.2
52	30.1	26.2	39.4

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 57.52 ug/l

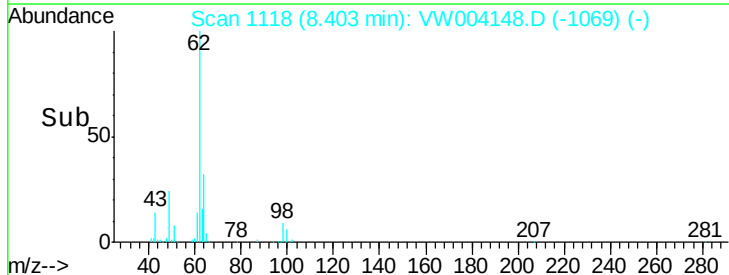
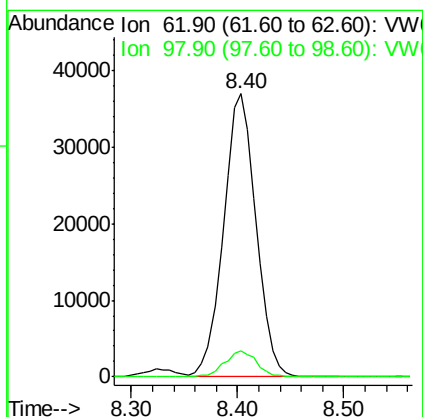
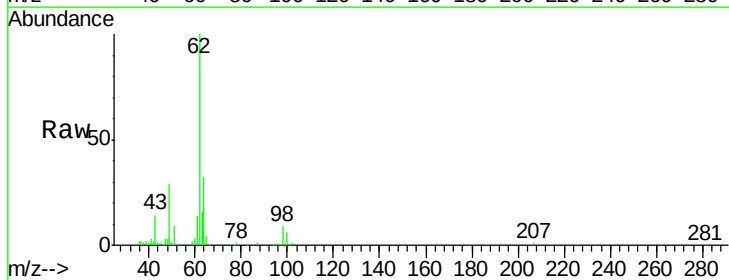
RT: 8.40 min Scan# 1118

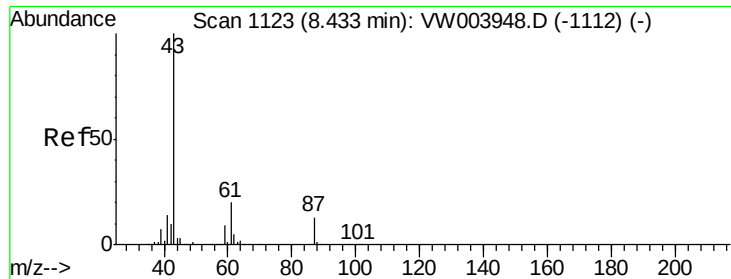
Delta R.T. 0.00 min

Lab File: VW004148.D

Acq: 23 Jul 2018 19:57

Tgt Ion	62	Resp	78693
Ion Ratio	Lower	Upper	
62	100		
98	9.0	0.0	17.4





#43

Isopropyl Acetate

Concen: 59.87 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VW004148.D

Acq: 23 Jul 2018 19:57

Instrument :

MSVOA_W

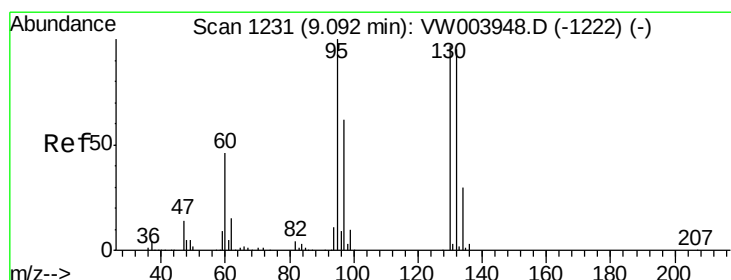
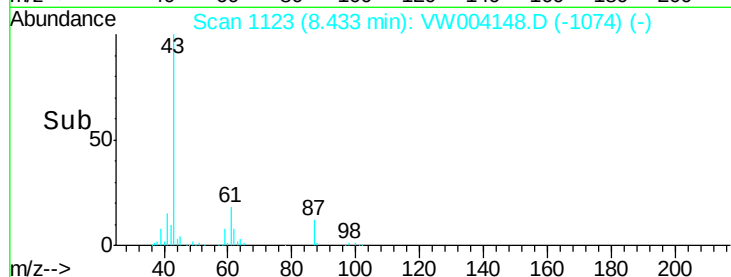
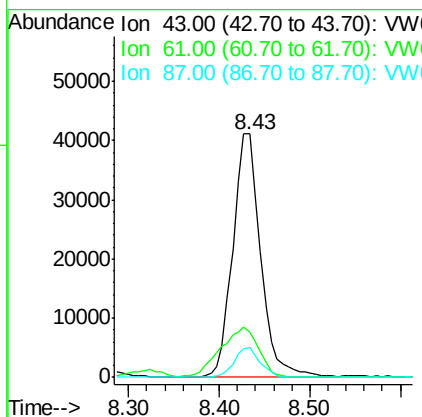
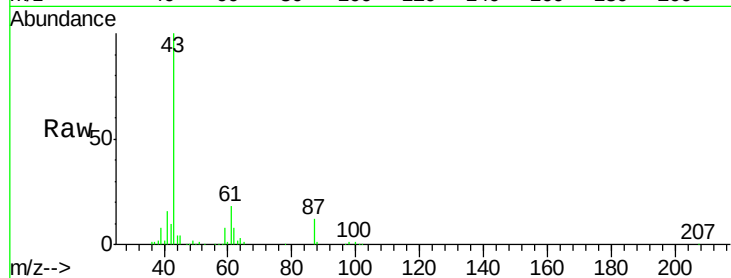
ClientSampleId :

KY030LC006-S-180716MS

Tot Ion:	43	Resp:	87299
Ion	Ratio	Lower	Upper
43	100		
61	28.0	23.0	34.6
87	11.6	9.9	14.9

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#44

Trichloroethene

Concen: 54.12 ug/l

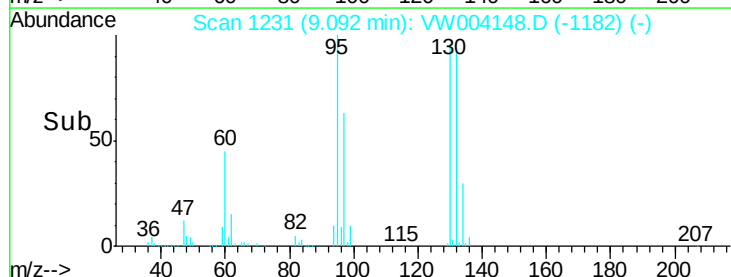
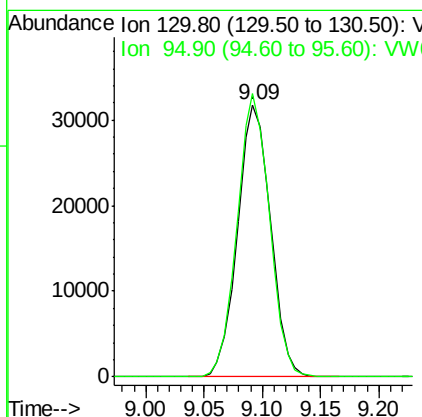
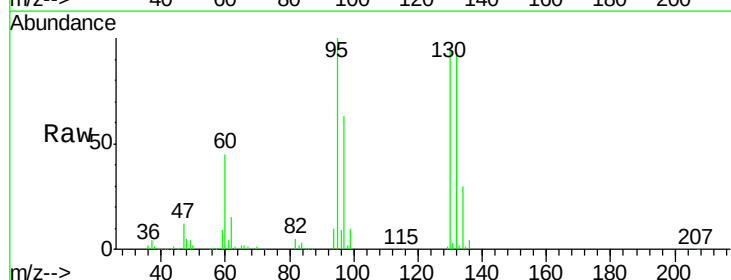
RT: 9.09 min Scan# 1231

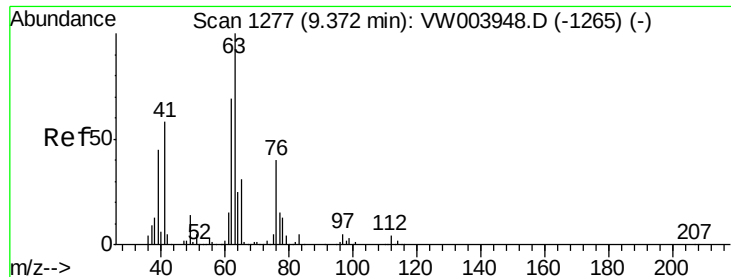
Delta R.T. 0.00 min

Lab File: VW004148.D

Acq: 23 Jul 2018 19:57

Tgt Ion:	130	Resp:	62910
Ion	Ratio	Lower	Upper
130	100		
95	104.0	0.0	206.8





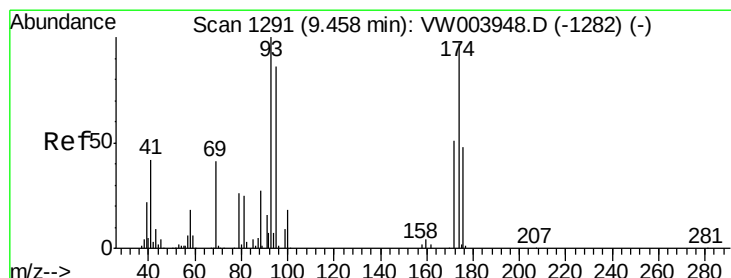
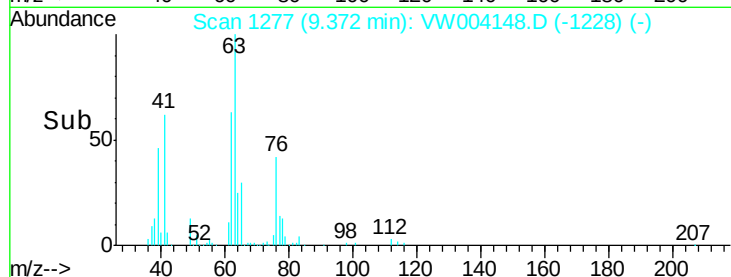
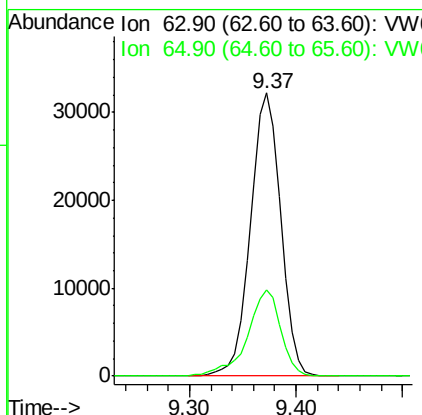
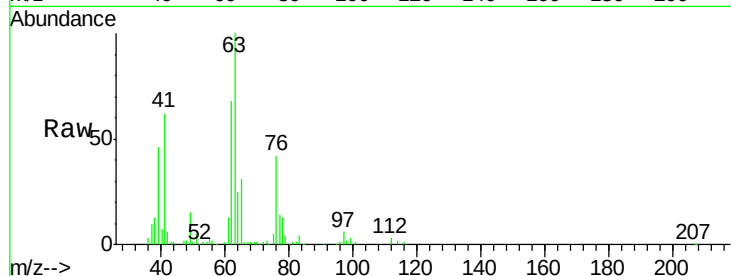
#45
 1,2-Dichloropropane
 Concen: 56.32 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW004148.D
 Acq: 23 Jul 2018 19:57

Instrument :
 MSVOA_W
 ClientSampleId :
 KY030LC006-S-180716MS

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.6	24.8	37.2

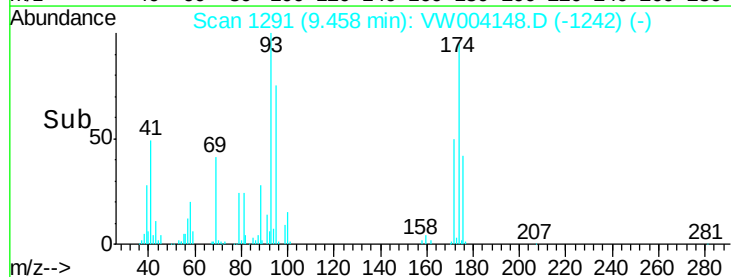
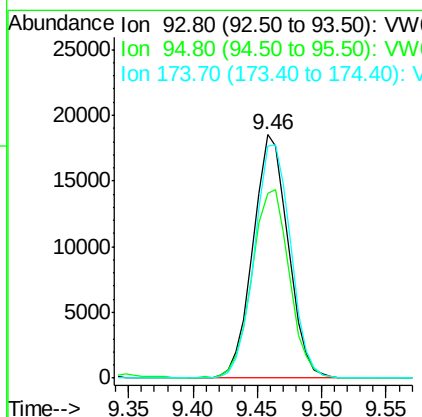
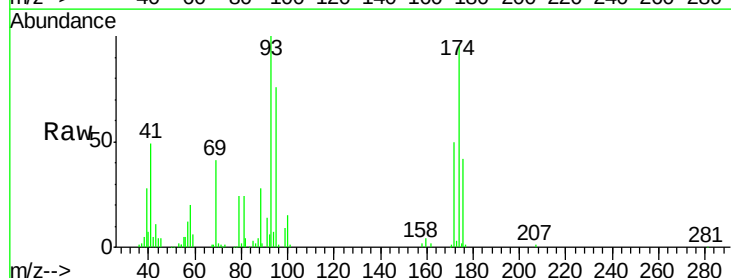
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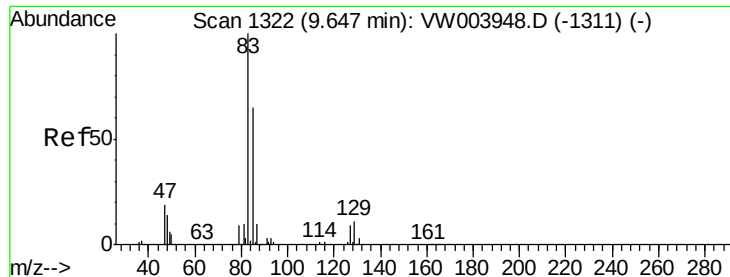
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#46
 Dibromomethane
 Concen: 58.92 ug/l
 RT: 9.46 min Scan# 1291
 Delta R.T. 0.00 min
 Lab File: VW004148.D
 Acq: 23 Jul 2018 19:57

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.2	66.9	100.3
174	98.9	80.2	120.2





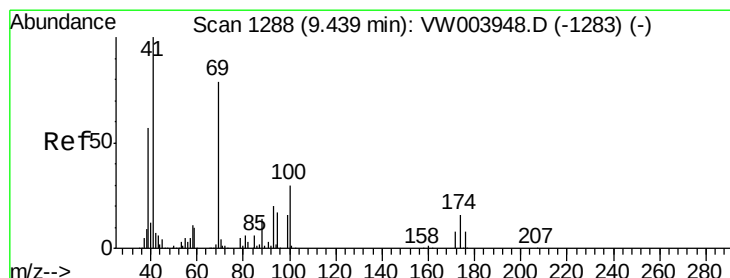
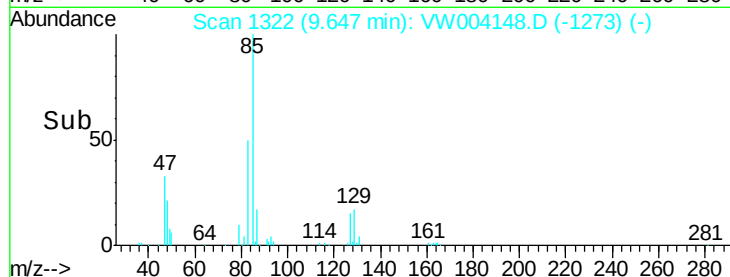
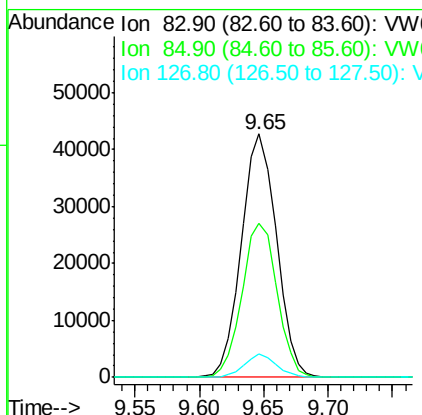
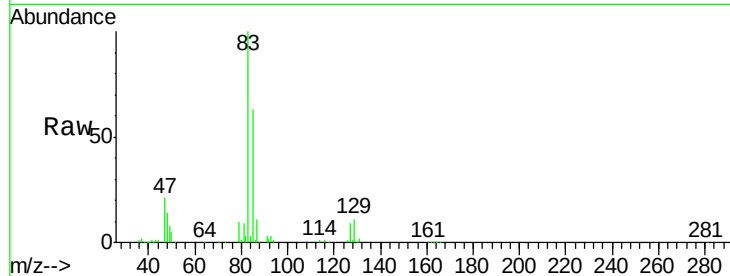
#47
Bromodichloromethane
Concen: 55.17 ug/l
RT: 9.65 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VW004148.D
Acq: 23 Jul 2018 19:57

Instrument :
MSVOA_W
ClientSampleId :
KY030LC006-S-180716MS

Tot Ion	Ratio	Lower	Upper
83	100		
85	63.1	52.2	78.2
127	9.4	7.0	10.4

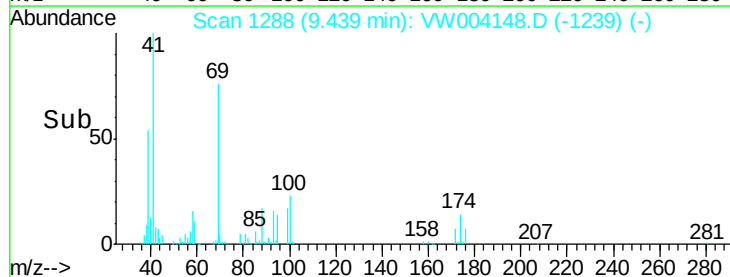
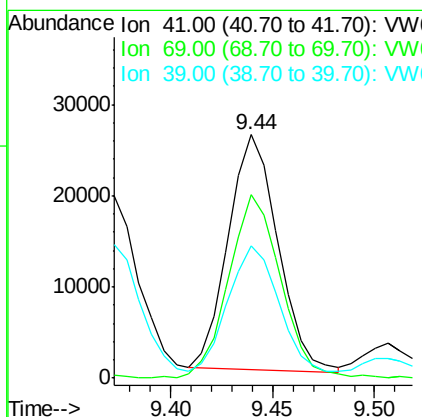
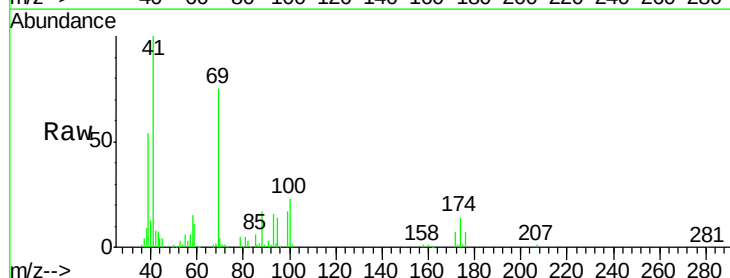
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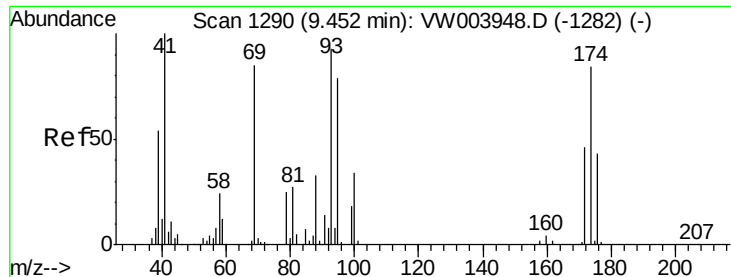
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#48
Methyl methacrylate
Concen: 61.83 ug/l
RT: 9.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VW004148.D
Acq: 23 Jul 2018 19:57

Tgt Ion	Ratio	Lower	Upper
41	100		
69	82.6	67.0	100.6
39	59.6	48.8	73.2





#49

1,4-Dioxane

Concen: 1319.78 ug/l

RT: 9.45 min Scan# 1290

Delta R.T. 0.00 min

Lab File: VW004148.D

Acq: 23 Jul 2018 19:57

Instrument :

MSVOA_W

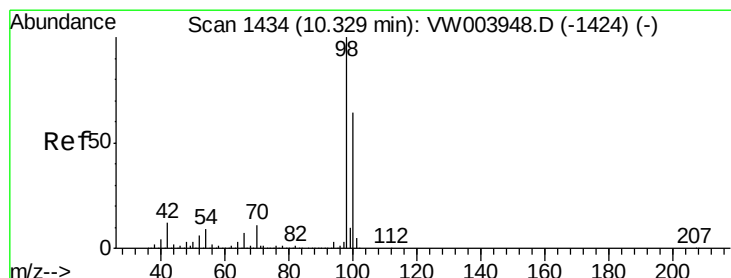
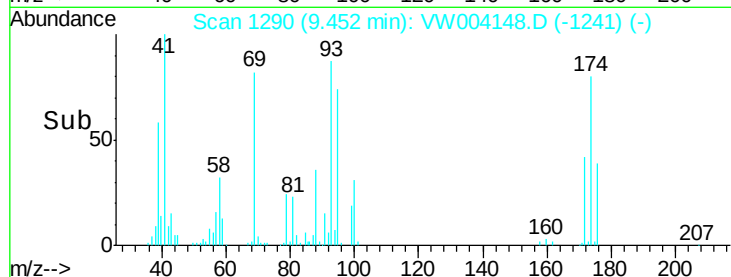
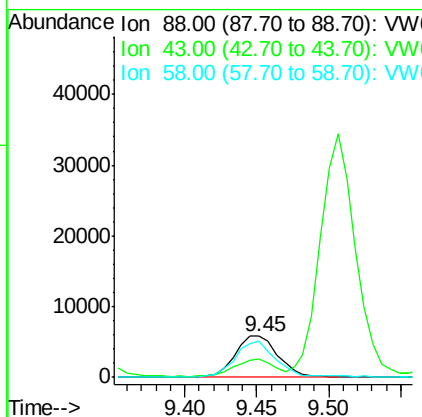
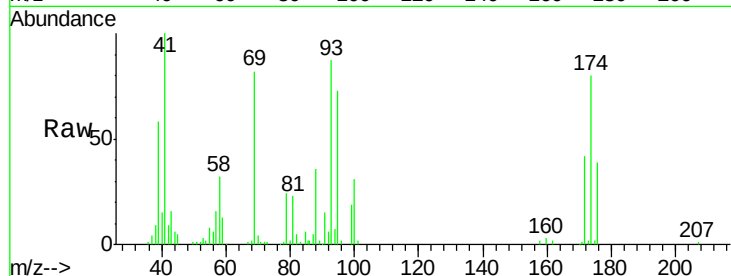
ClientSampleId :

KY030LC006-S-180716MS

Tot Ion:	88	Resp:	12048
Ion Ratio	Lower	Upper	
88	100		
43	38.6	27.3	40.9
58	82.0	61.1	91.7

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#50

Toluene-d8

Concen: 54.52 ug/l

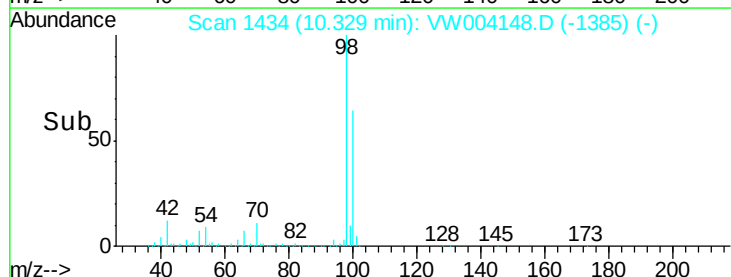
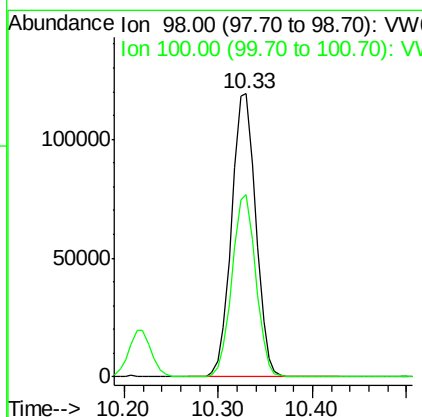
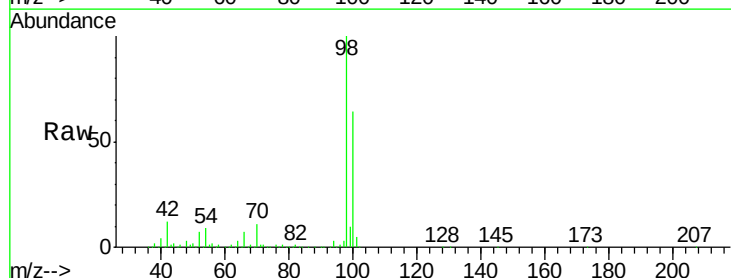
RT: 10.33 min Scan# 1434

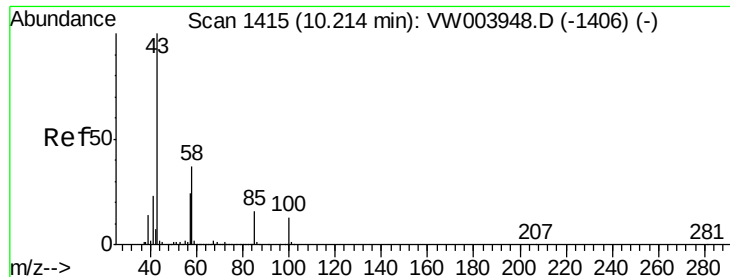
Delta R.T. 0.00 min

Lab File: VW004148.D

Acq: 23 Jul 2018 19:57

Tgt Ion:	98	Resp:	213217
Ion Ratio	Lower	Upper	
98	100		
100	63.3	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 330.75 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. 0.00 min

Lab File: VW004148.D

Acq: 23 Jul 2018 19:57

Instrument :

MSVOA_W

ClientSampleId :

KY030LC006-S-180716MS

Tot Ion: 43 Resp: 256931

Ion Ratio Lower Upper

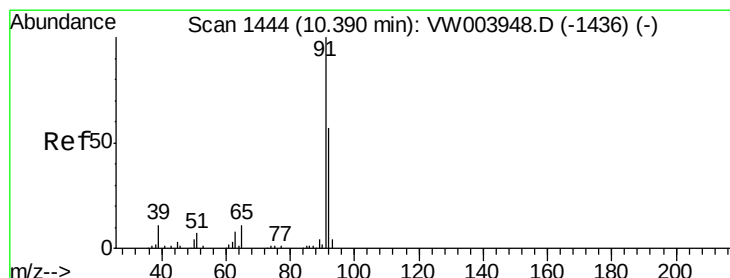
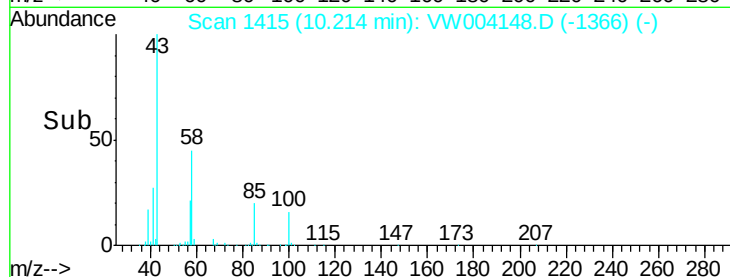
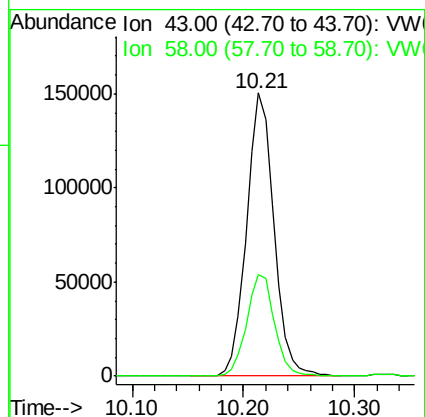
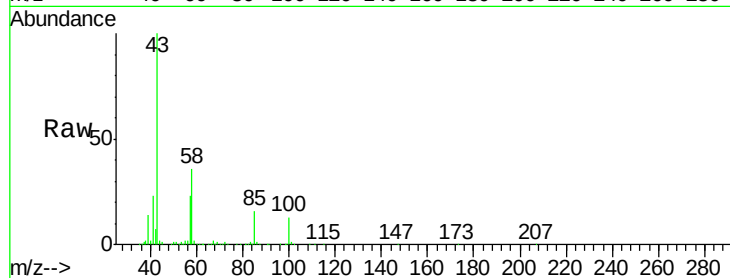
43 100

58 36.5 29.9 44.9

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#52

Toluene

Concen: 54.58 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW004148.D

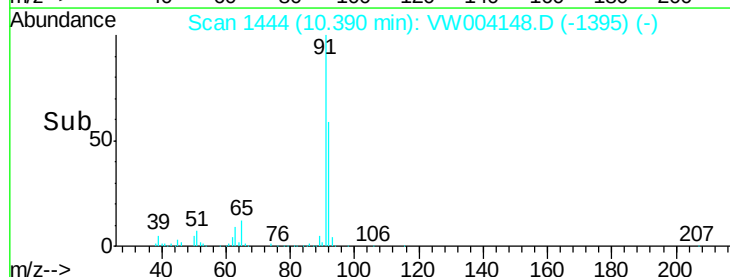
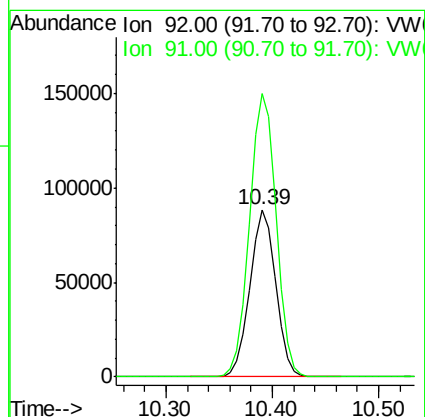
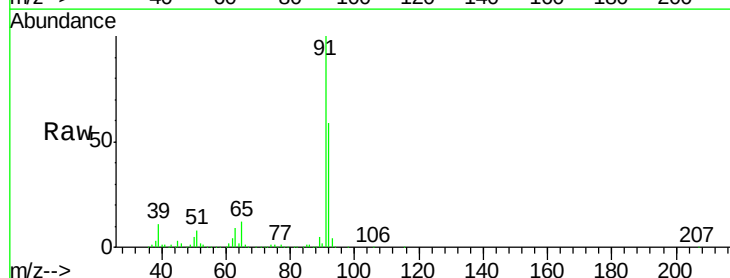
Acq: 23 Jul 2018 19:57

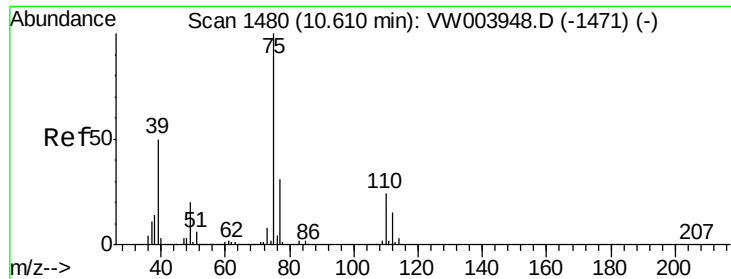
Tgt Ion: 92 Resp: 151331

Ion Ratio Lower Upper

92 100

91 174.8 139.6 209.4





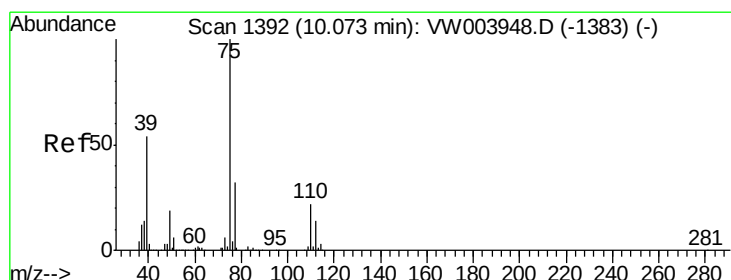
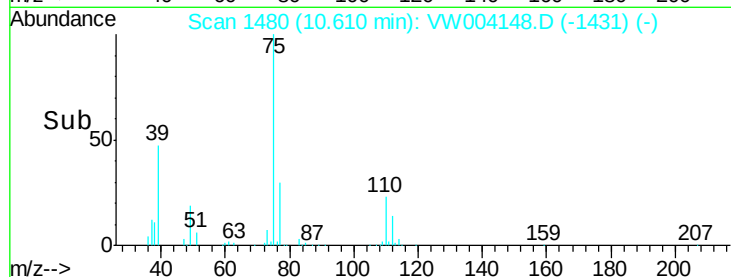
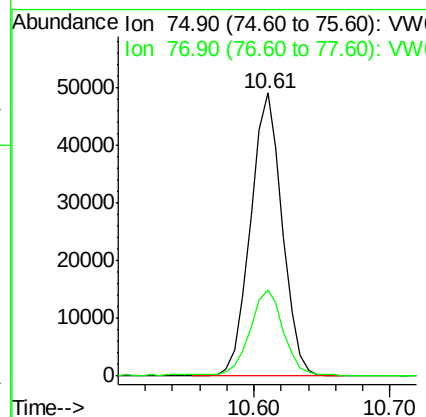
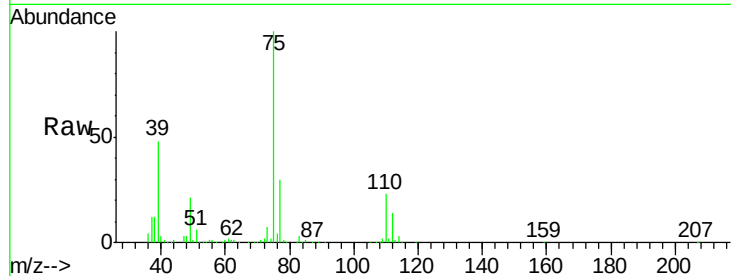
#53
t-1,3-Dichloropropene
Concen: 52.34 ug/l
RT: 10.61 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VW004148.D
Acq: 23 Jul 2018 19:57

Instrument :
MSVOA_W
ClientSampleId :
KY030LC006-S-180716MS

Tot Ion	Ratio	Lower	Upper
75	100		
77	29.9	25.2	37.8

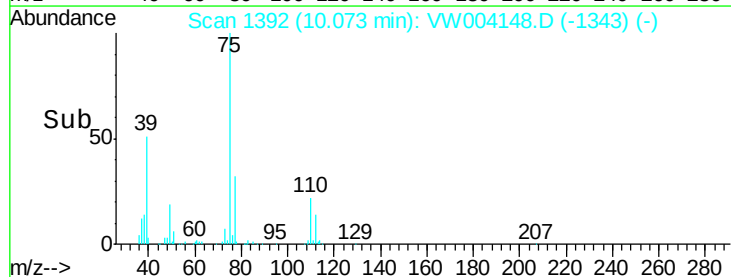
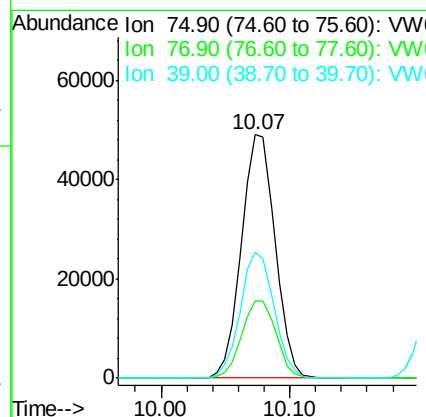
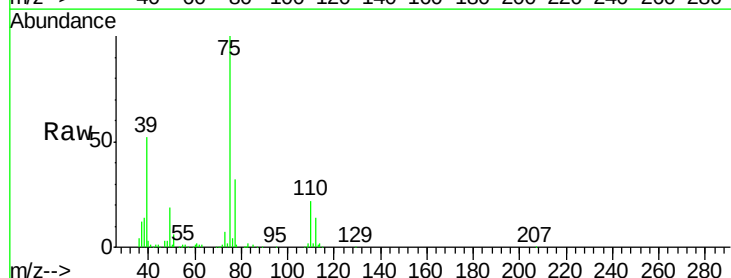
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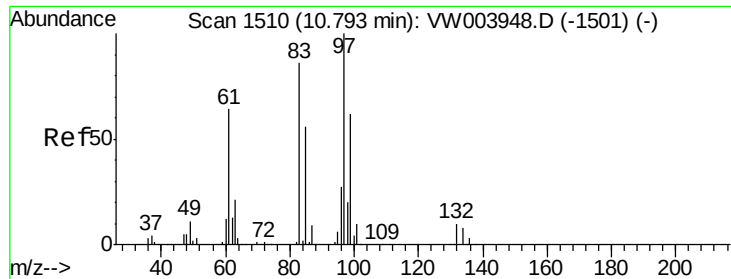
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#54
cis-1,3-Dichloropropene
Concen: 50.69 ug/l
RT: 10.07 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW004148.D
Acq: 23 Jul 2018 19:57

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.4	38.2
39	51.5	43.0	64.6





#55

1,1,2-Trichloroethane

Concen: 60.28 ug/l

RT: 10.79 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VW004148.D

Acq: 23 Jul 2018 19:57

Instrument :

MSVOA_W

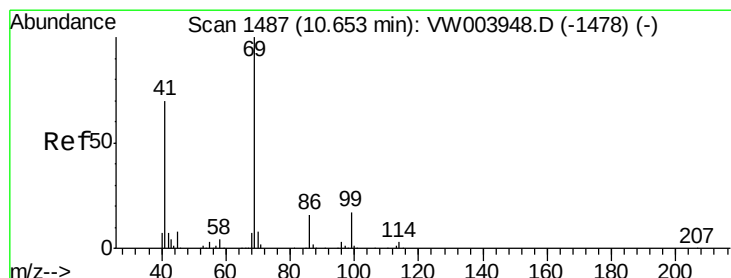
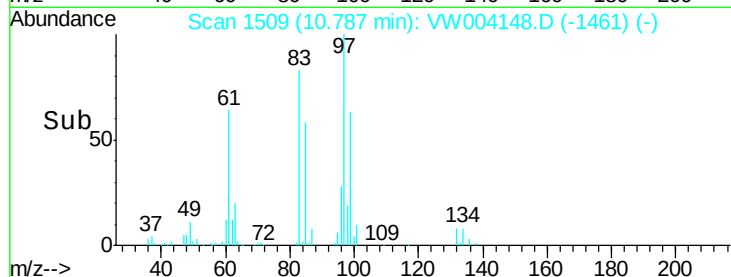
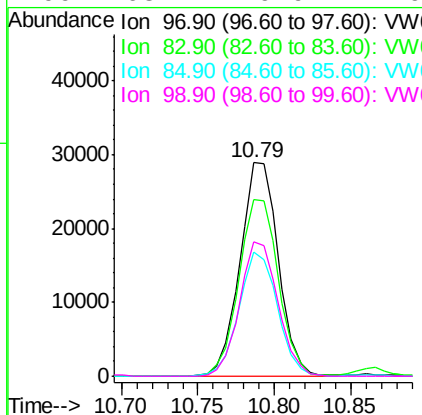
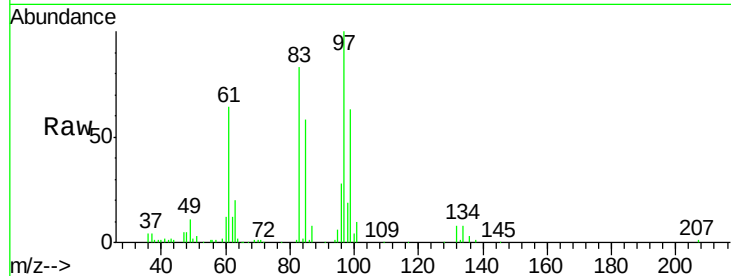
ClientSampleId :

KY030LC006-S-180716MS

Tot Ion:	97	Resp:	50347
Ion	Ratio	Lower	Upper
97	100		
83	82.4	69.0	103.4
85	57.9	45.0	67.6
99	63.2	49.9	74.9

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#56

Ethyl methacrylate

Concen: 49.16 ug/l

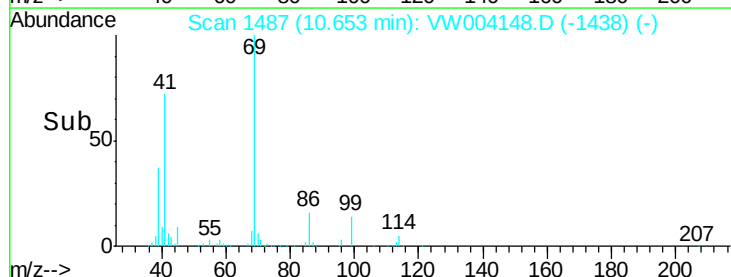
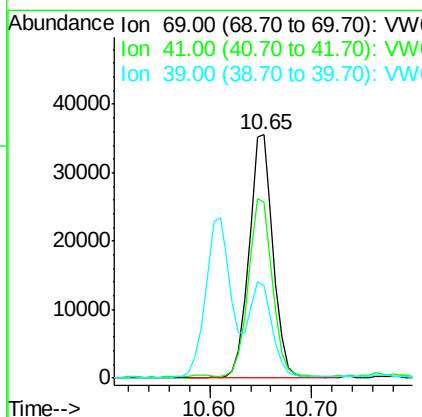
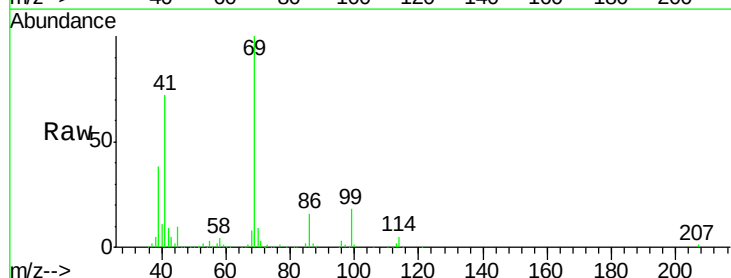
RT: 10.65 min Scan# 1487

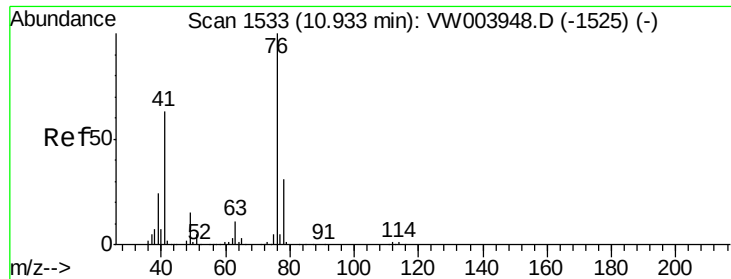
Delta R.T. 0.00 min

Lab File: VW004148.D

Acq: 23 Jul 2018 19:57

Tgt Ion:	69	Resp:	58665
Ion	Ratio	Lower	Upper
69	100		
41	72.7	56.5	84.7
39	34.8	30.2	45.4





#57

1,3-Dichloropropane

Concen: 59.00 ug/l

RT: 10.93 min Scan# 1533

Delta R.T. 0.00 min

Lab File: VW004148.D

Acq: 23 Jul 2018 19:57

Instrument :

MSVOA_W

ClientSampleId :

KY030LC006-S-180716MS

Tot Ion: 76 Resp: 85615

Ion Ratio Lower Upper

76 100

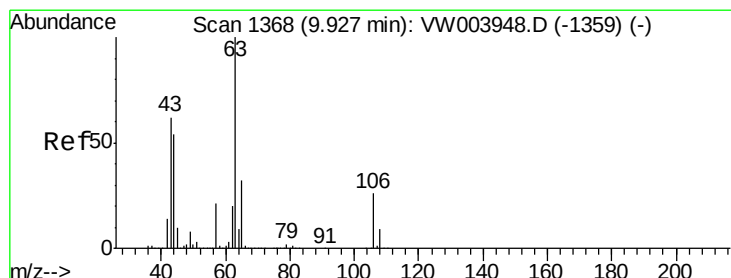
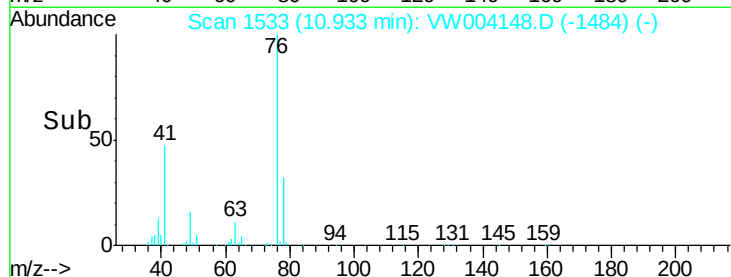
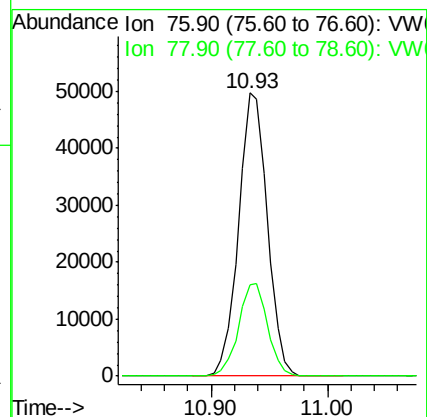
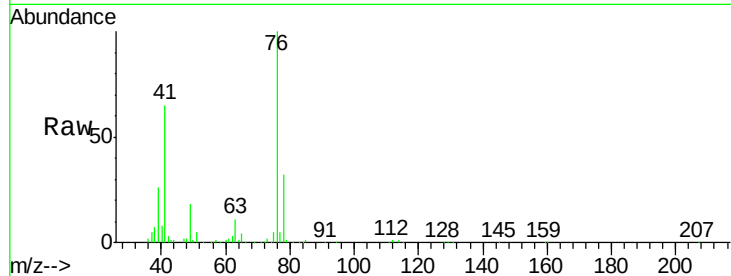
78 33.0 25.2 37.8

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#58

2-Chloroethyl Vinyl ether

Concen: 296.69 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VW004148.D

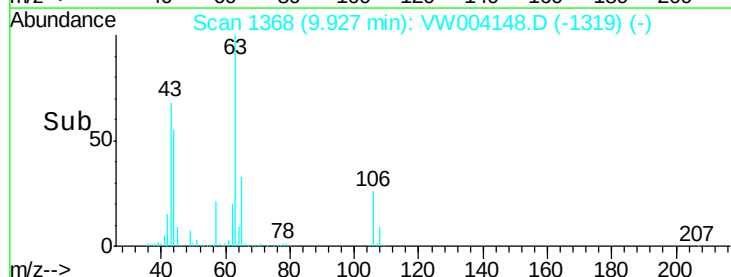
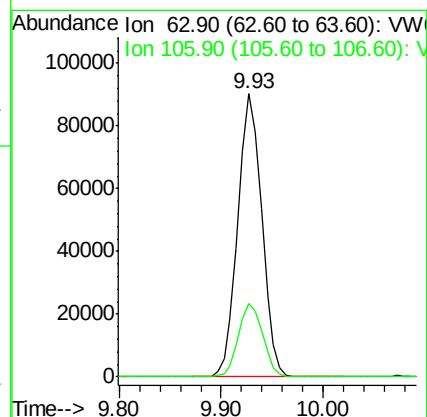
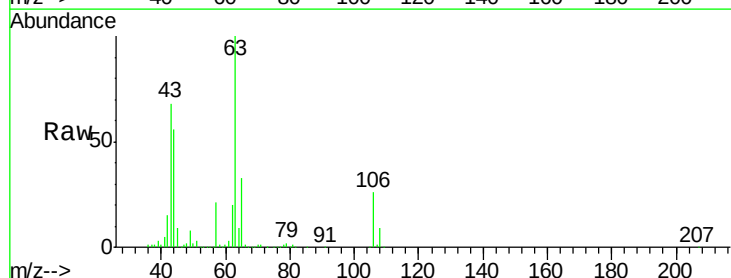
Acq: 23 Jul 2018 19:57

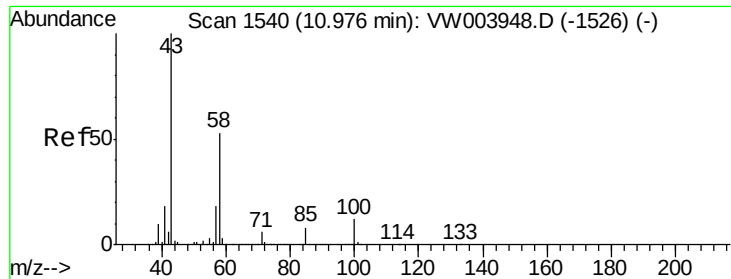
Tgt Ion: 63 Resp: 147008

Ion Ratio Lower Upper

63 100

106 26.1 21.2 31.8





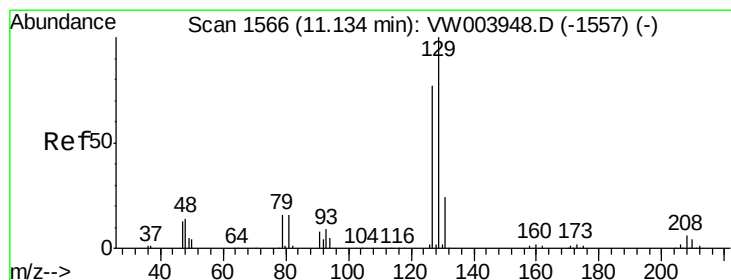
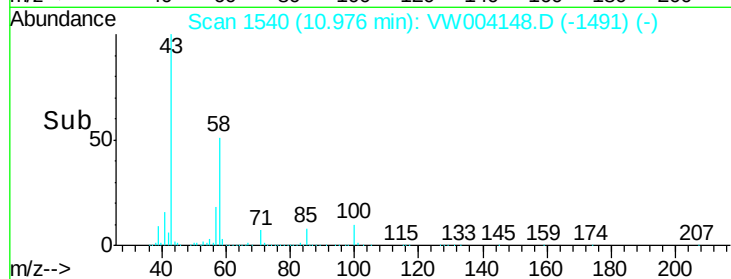
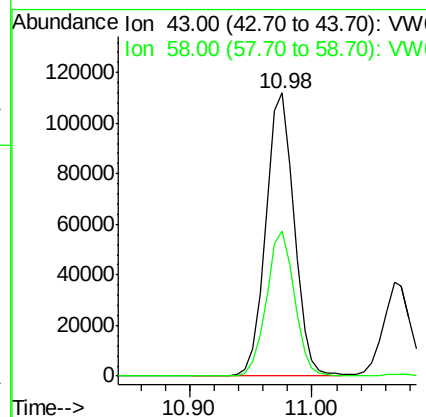
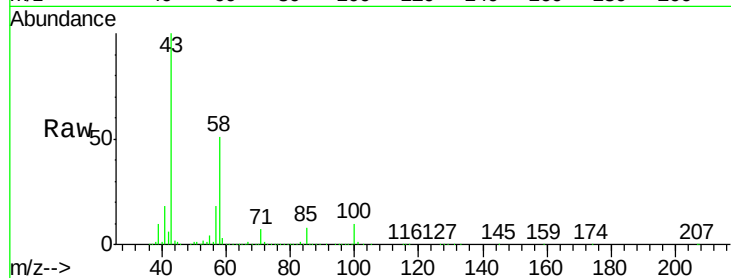
#59
2-Hexanone
Concen: 330.23 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW004148.D
Acq: 23 Jul 2018 19:57

Instrument :
MSVOA_W
ClientSampleId :
KY030LC006-S-180716MS

Tot Ion: 43 Resp: 180804
Ion Ratio Lower Upper
43 100
58 50.5 26.0 78.0

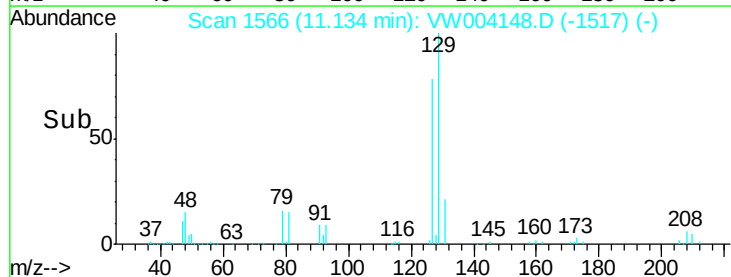
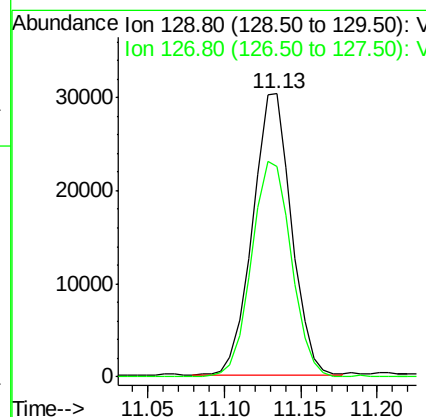
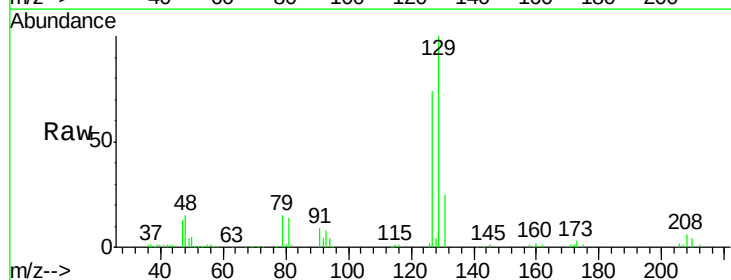
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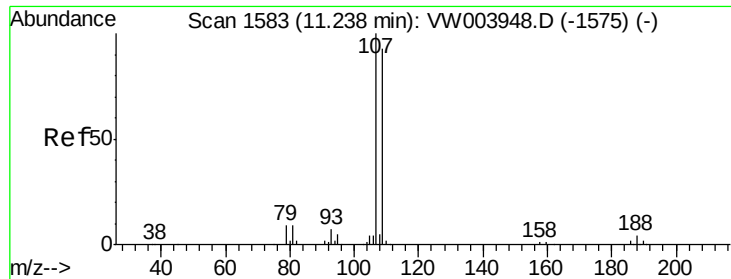
apatel
7/24/2018 11:49:51 AM



#60
Dibromochloromethane
Concen: 55.11 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW004148.D
Acq: 23 Jul 2018 19:57

Tgt Ion: 129 Resp: 53602
Ion Ratio Lower Upper
129 100
127 78.6 39.1 117.3





#61

1,2-Dibromoethane

Concen: 59.77 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VW004148.D

Acq: 23 Jul 2018 19:57

Instrument :

MSVOA_W

ClientSampleId :

KY030LC006-S-180716MS

Tot Ion: 107 Resp: 47503

Ion Ratio Lower Upper

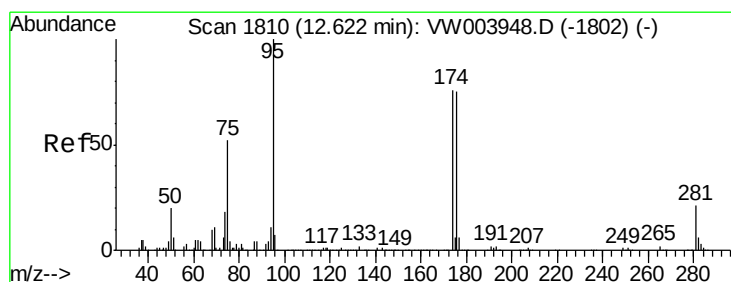
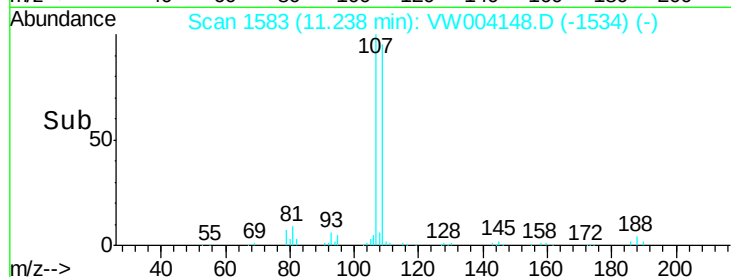
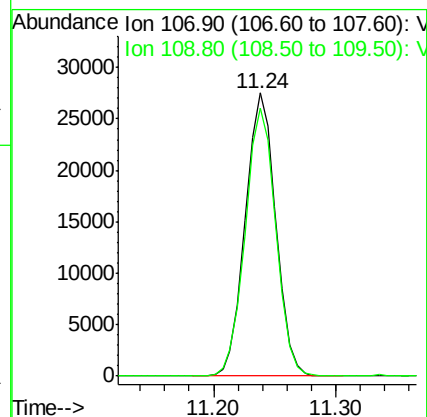
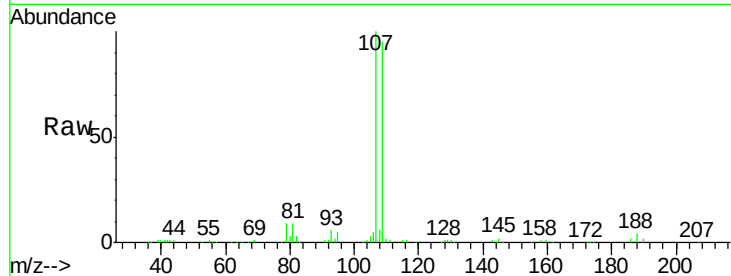
107 100

109 95.1 74.3 111.5

Manual Integrations
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#62

4-Bromofluorobenzene

Concen: 49.36 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW004148.D

Acq: 23 Jul 2018 19:57

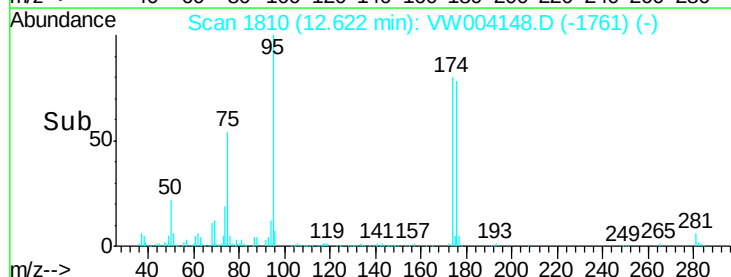
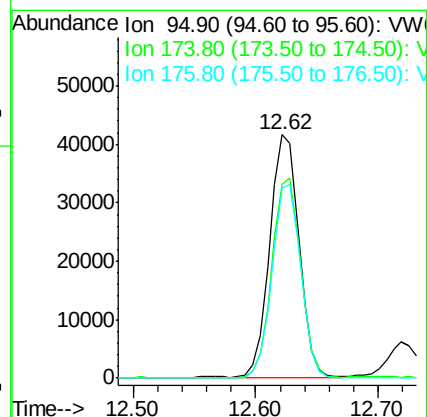
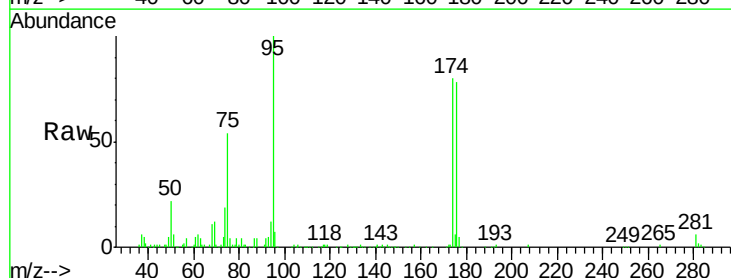
Tgt Ion: 95 Resp: 69616

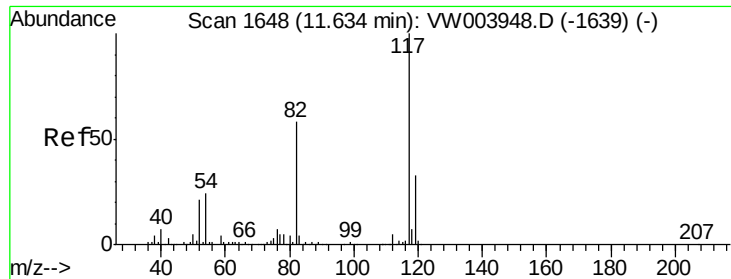
Ion Ratio Lower Upper

95 100

174 80.8 0.0 160.2

176 77.7 0.0 155.8





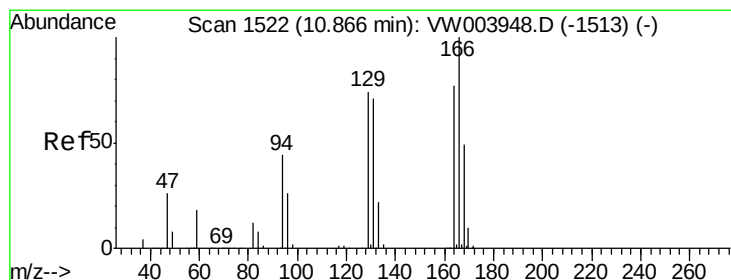
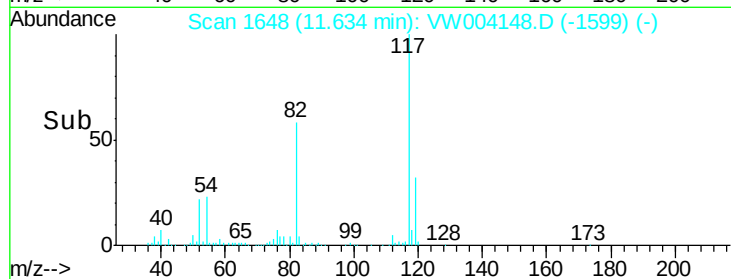
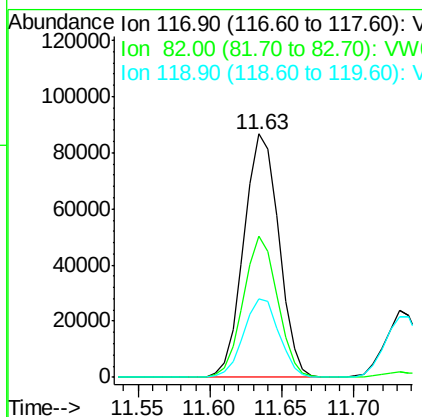
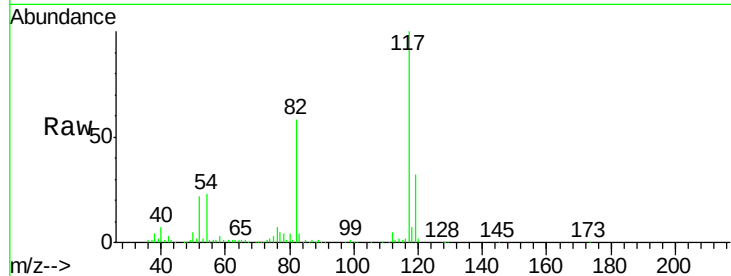
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004148.D
Acq: 23 Jul 2018 19:57

Instrument :
MSVOA_W
ClientSampleId :
KY030LC006-S-180716MS

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.9	46.5	69.7
119	32.3	26.2	39.2

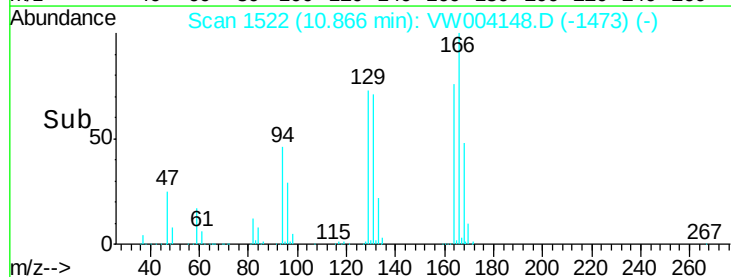
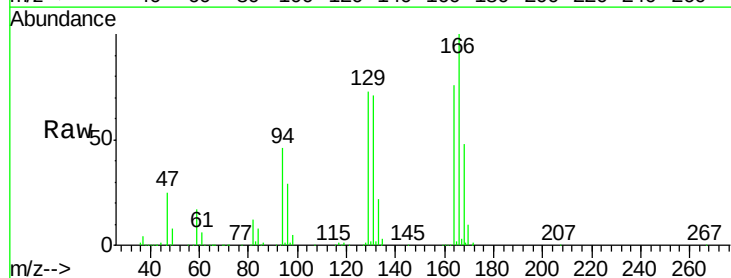
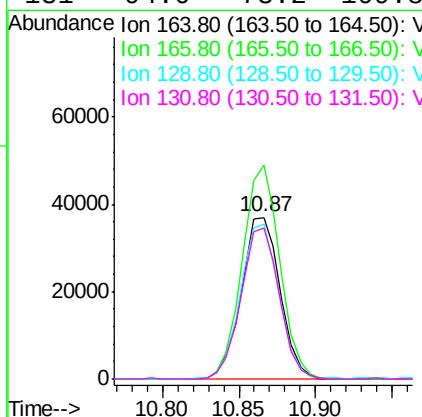
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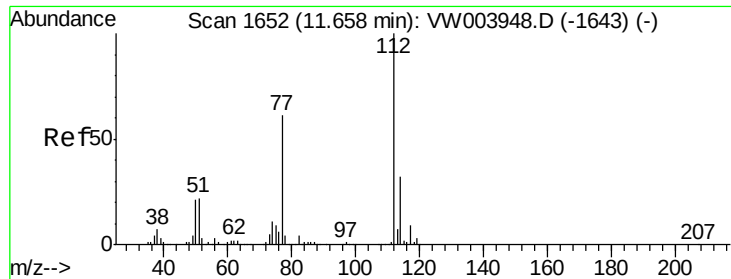
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#64
Tetrachloroethene
Concen: 64.75 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW004148.D
Acq: 23 Jul 2018 19:57

Tgt Ion	Ratio	Lower	Upper
164	100		
166	132.4	103.5	155.3
129	96.1	76.8	115.2
131	94.0	73.2	109.8





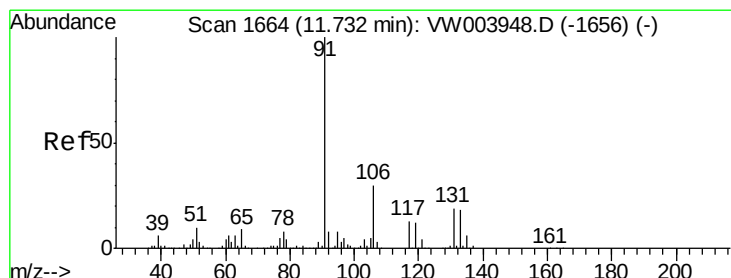
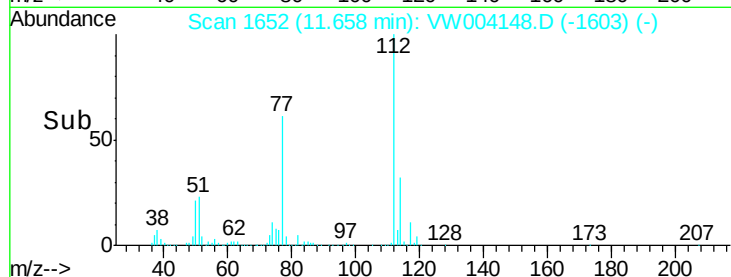
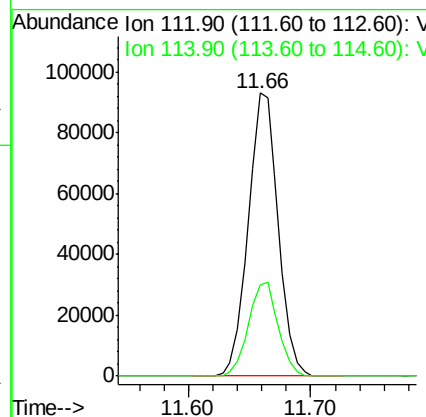
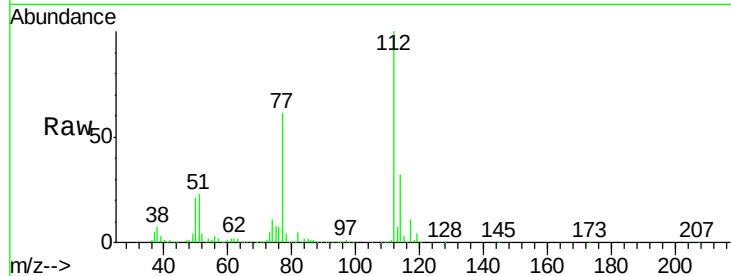
#65
Chlorobenzene
Concen: 50.62 ug/l
RT: 11.66 min Scan# 1652
Delta R.T. 0.00 min
Lab File: VW004148.D
Acq: 23 Jul 2018 19:57

Instrument :
MSVOA_W
ClientSampleId :
KY030LC006-S-180716MS

Tot Ion:112 Resp: 157546
Ion Ratio Lower Upper
112 100
114 32.2 25.2 37.8

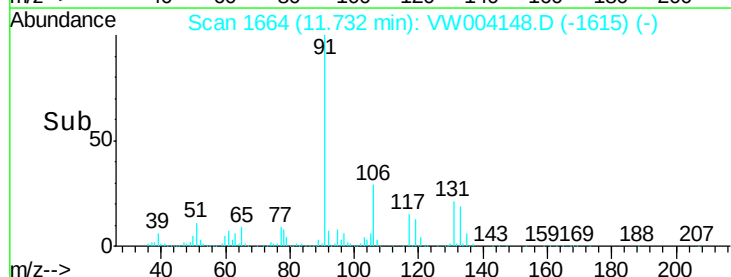
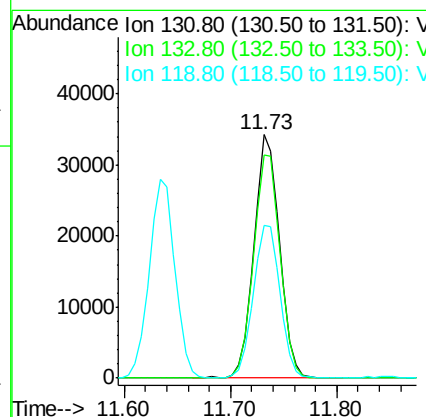
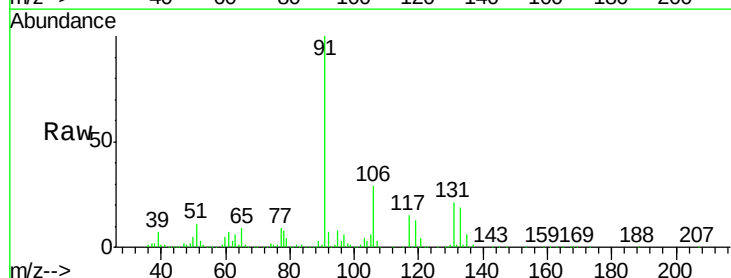
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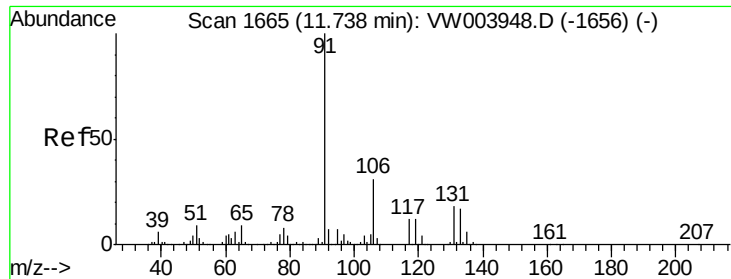
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#66
1,1,1,2-Tetrachloroethane
Concen: 53.52 ug/l
RT: 11.73 min Scan# 1664
Delta R.T. 0.00 min
Lab File: VW004148.D
Acq: 23 Jul 2018 19:57

Tgt Ion:131 Resp: 57890
Ion Ratio Lower Upper
131 100
133 95.4 47.9 143.8
119 65.8 32.5 97.5





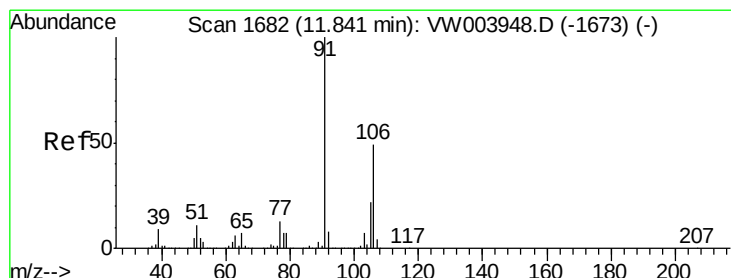
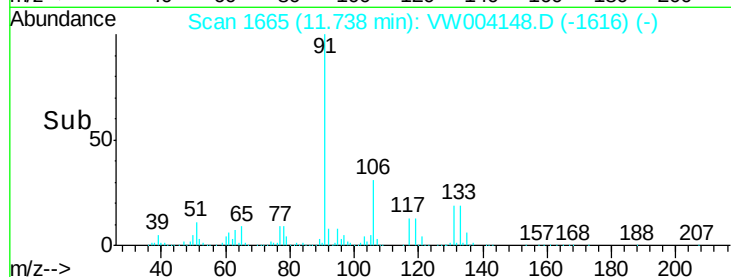
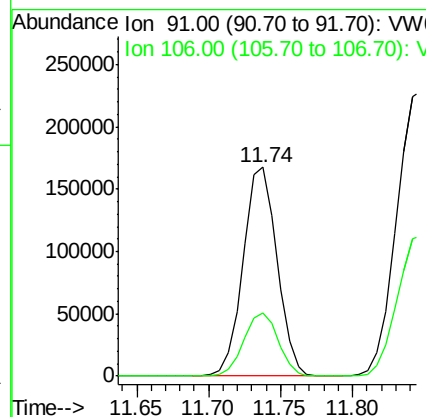
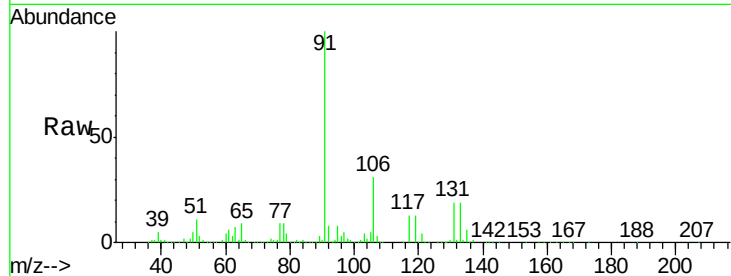
#67
Ethyl Benzene
Concen: 50.00 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW004148.D
Acq: 23 Jul 2018 19:57

Instrument :
MSVOA_W
ClientSampleId :
KY030LC006-S-180716MS

Tot Ion: 91 Resp: 273399
Ion Ratio Lower Upper
91 100
106 30.5 25.0 37.4

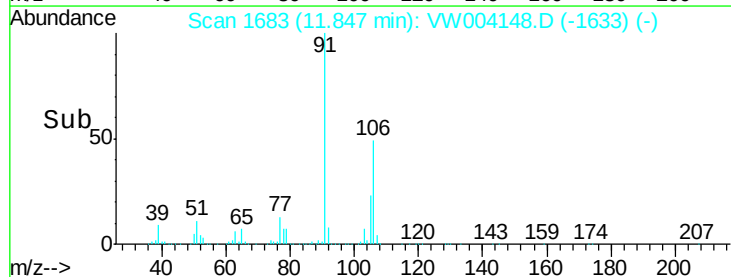
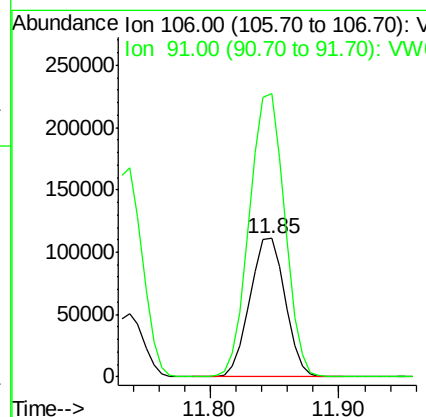
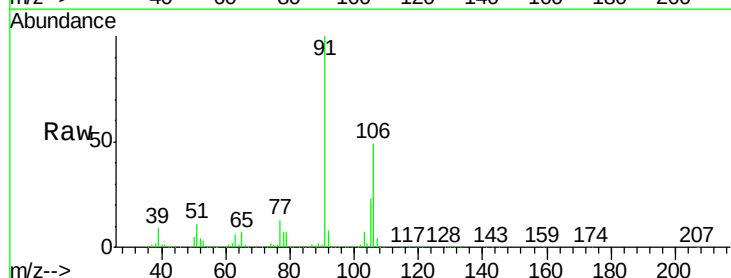
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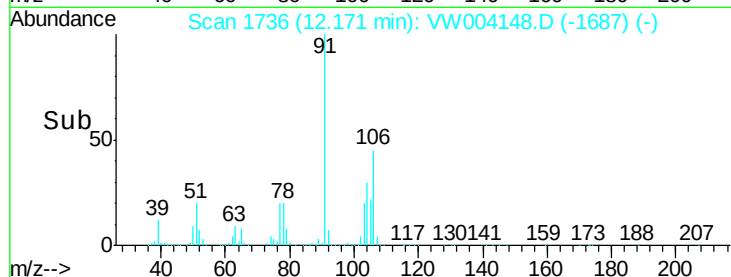
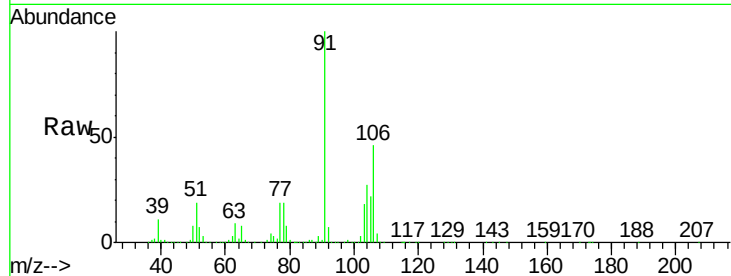
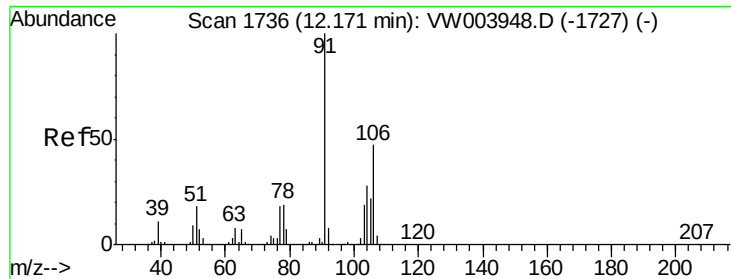
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#68
m/p-Xylenes
Concen: 101.08 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.01 min
Lab File: VW004148.D
Acq: 23 Jul 2018 19:57

Tgt Ion: 106 Resp: 211235
Ion Ratio Lower Upper
106 100
91 204.3 164.2 246.2





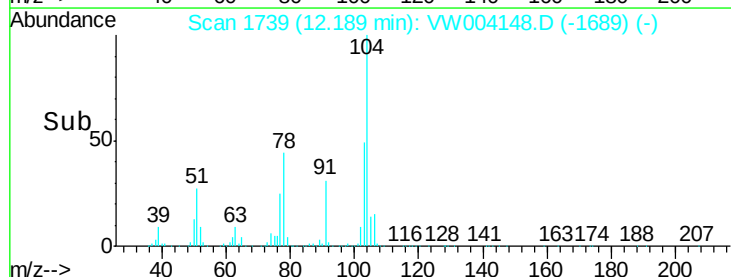
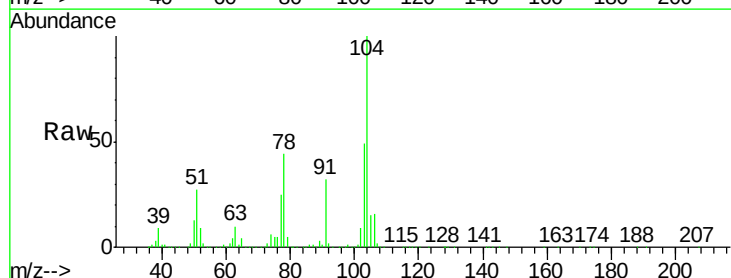
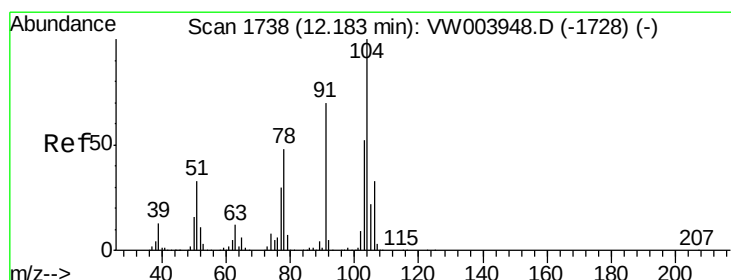
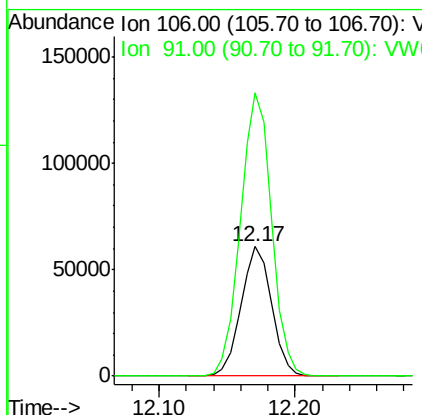
#69
o-Xylene
Concen: 49.41 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW004148.D
Acq: 23 Jul 2018 19:57

Instrument :
MSVOA_W
ClientSampleId :
KY030LC006-S-180716MS

Tot Ion:106 Resp: 95790
Ion Ratio Lower Upper
106 100
91 221.4 107.5 322.6

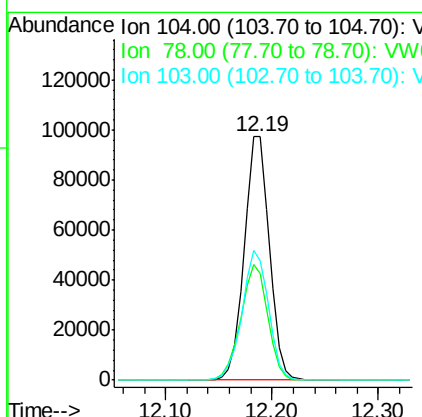
Manual Integrations
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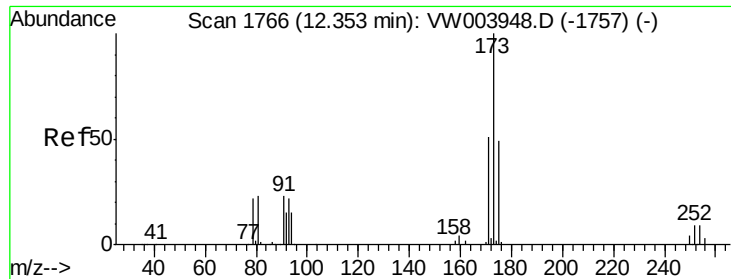
apatel
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#70
Styrene
Concen: 50.11 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.01 min
Lab File: VW004148.D
Acq: 23 Jul 2018 19:57

Tgt Ion:104 Resp: 162260
Ion Ratio Lower Upper
104 100
78 51.0 41.0 61.4
103 55.9 44.6 67.0





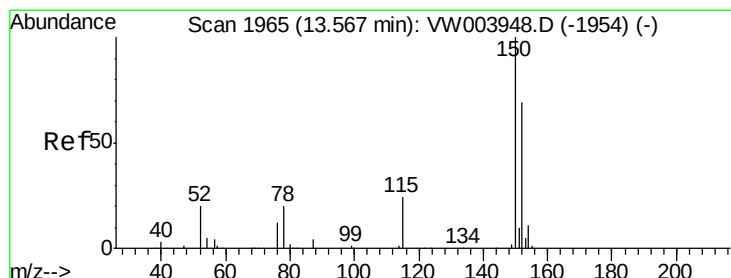
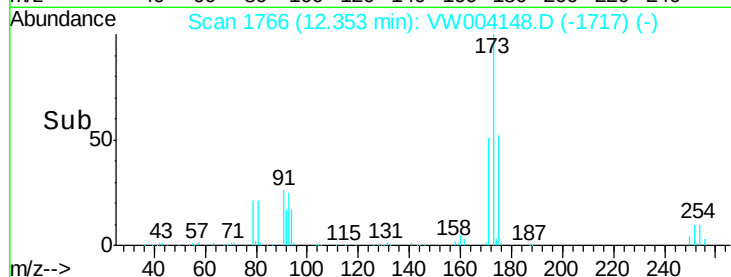
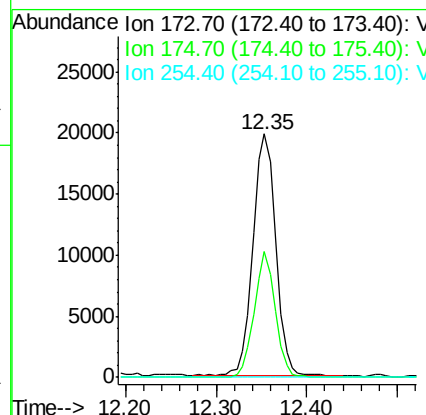
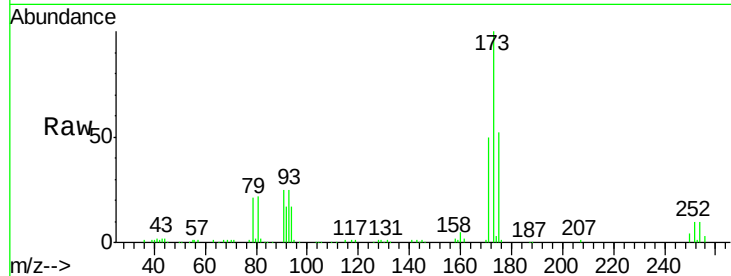
#71
Bromoform
Concen: 56.68 ug/l
RT: 12.35 min Scan# 1766
Delta R.T. 0.00 min
Lab File: VW004148.D
Acq: 23 Jul 2018 19:57

Instrument :
MSVOA_W
ClientSampleId :
KY030LC006-S-180716MS

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.7	24.4	73.2
254	0.0	0.1	0.1#

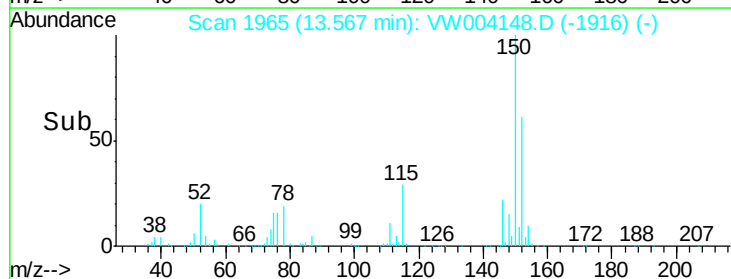
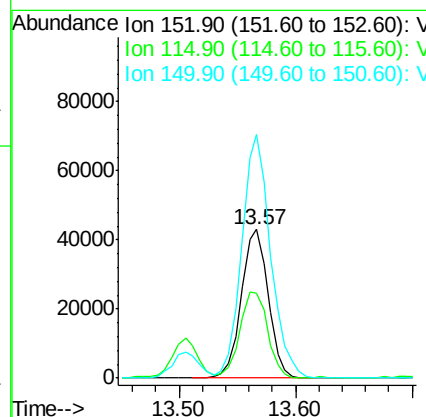
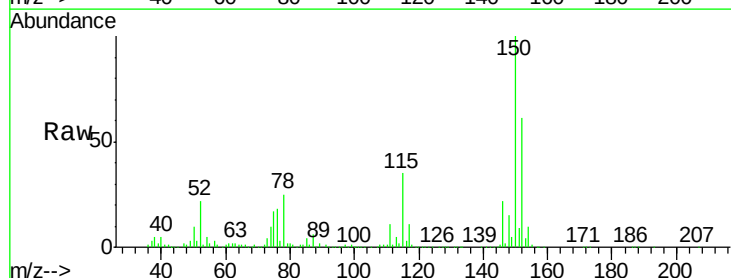
Manual Integrations
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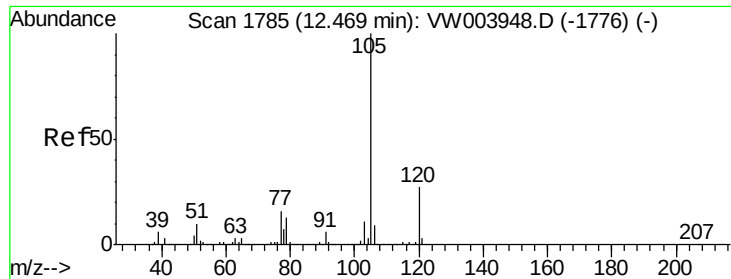
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW004148.D
Acq: 23 Jul 2018 19:57

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.7	29.2	87.6
150	175.0	0.0	345.2





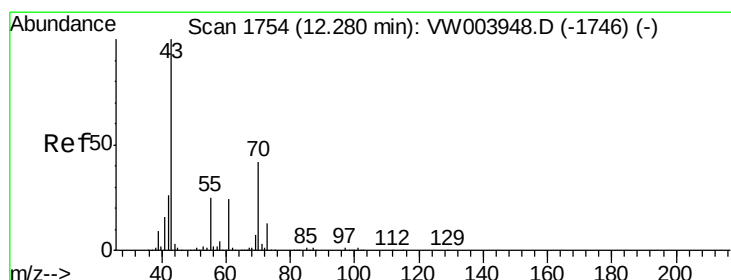
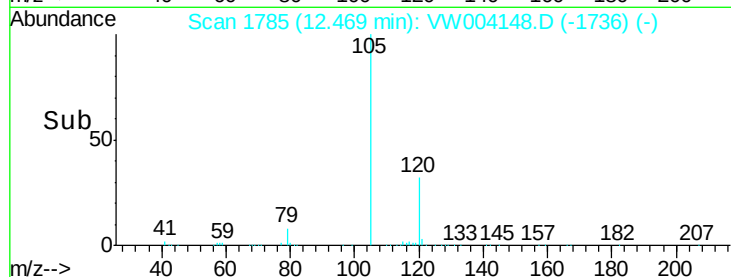
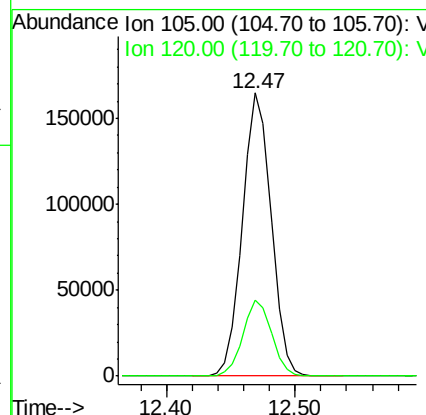
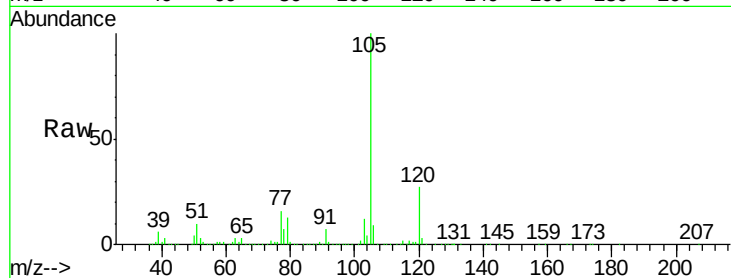
#73
Isopropylbenzene
Concen: 51.81 ug/l
RT: 12.47 min Scan# 1785
Delta R.T. 0.00 min
Lab File: VW004148.D
Acq: 23 Jul 2018 19:57

Instrument :
MSVOA_W
ClientSampleId :
KY030LC006-S-180716MS

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.6	13.2	39.6

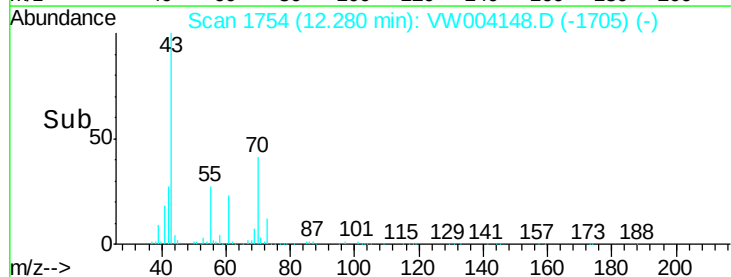
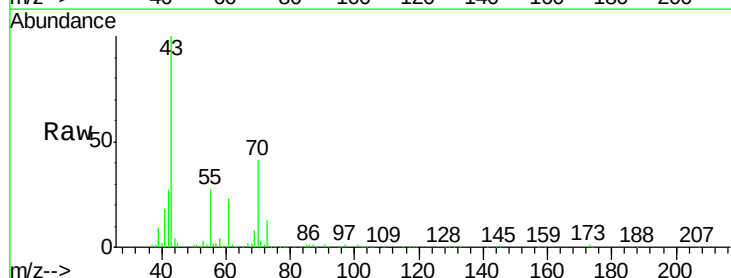
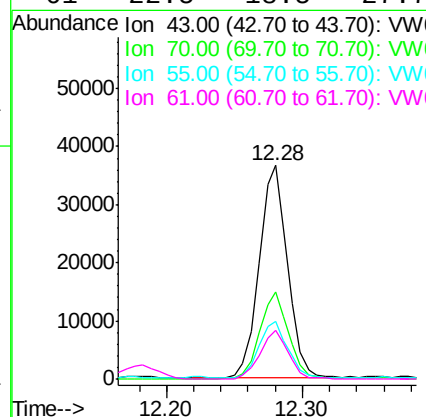
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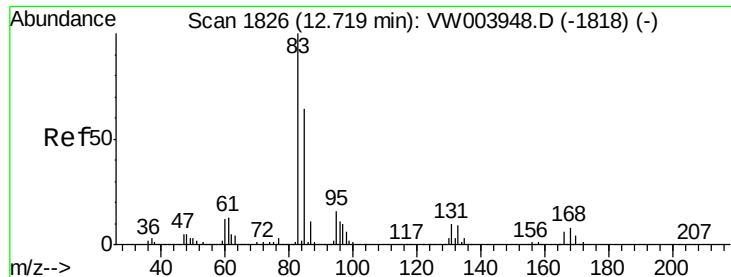
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#74
N-ethyl acetate
Concen: 42.15 ug/l
RT: 12.28 min Scan# 1754
Delta R.T. 0.00 min
Lab File: VW004148.D
Acq: 23 Jul 2018 19:57

Tgt Ion	Ratio	Lower	Upper
43	100		
70	41.5	31.6	47.4
55	27.0	20.0	30.0
61	22.5	18.5	27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 66.14 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW004148.D

Acq: 23 Jul 2018 19:57

Instrument :

MSVOA_W

ClientSampleId :

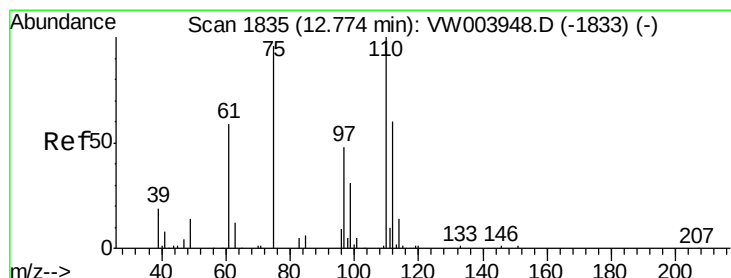
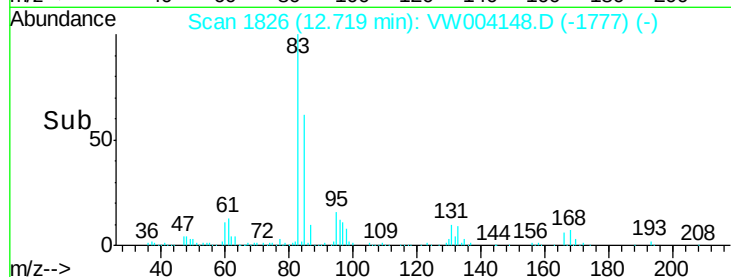
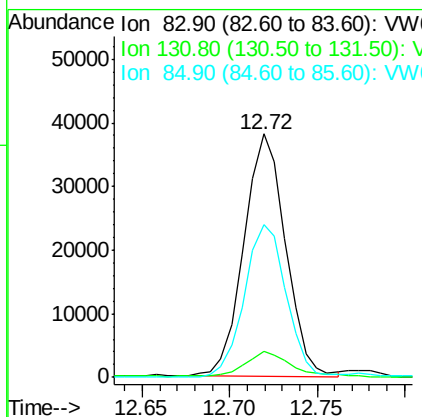
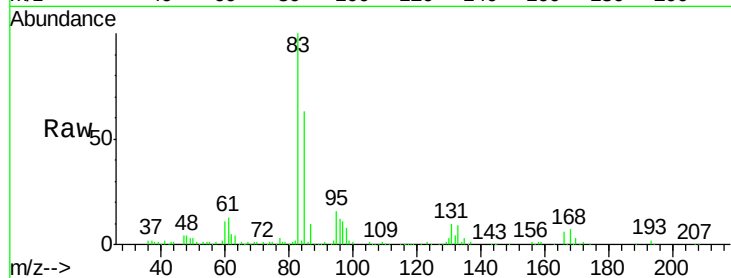
KY030LC006-S-180716MS

Tot Ion:	83	Resp:	62770
Ion	Ratio	Lower	Upper
83	100		
131	11.8	5.3	15.8
85	63.9	32.2	96.6

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#76

1,2,3-Trichloropropane

Concen: 60.51 ug/l m

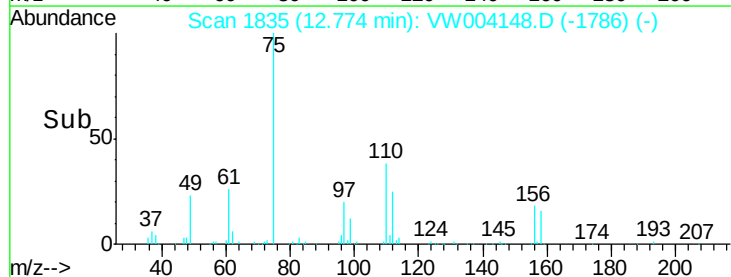
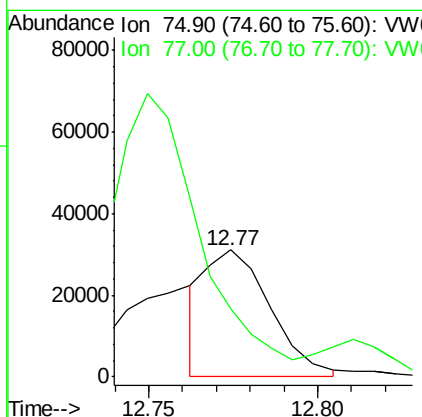
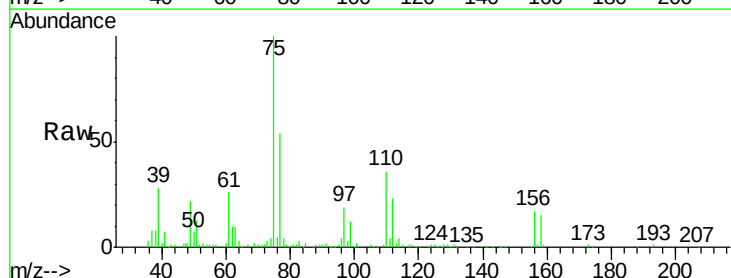
RT: 12.77 min Scan# 1835

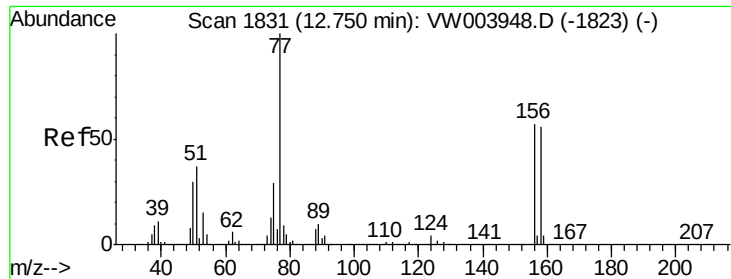
Delta R.T. 0.00 min

Lab File: VW004148.D

Acq: 23 Jul 2018 19:57

Tgt Ion:	75	Resp:	41714
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 55.16 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VW004148.D

Acq: 23 Jul 2018 19:57

Instrument :

MSVOA_W

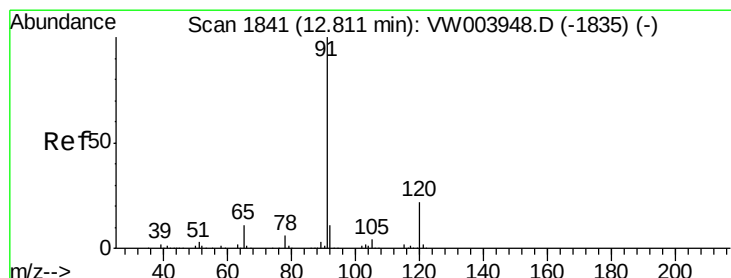
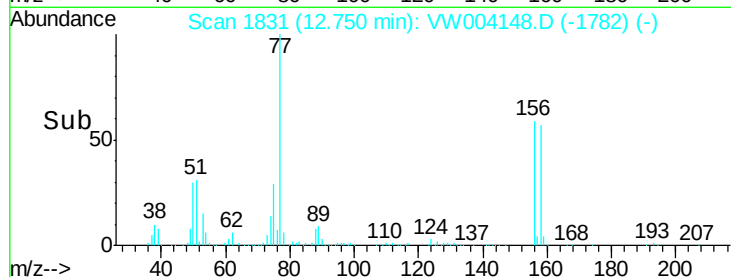
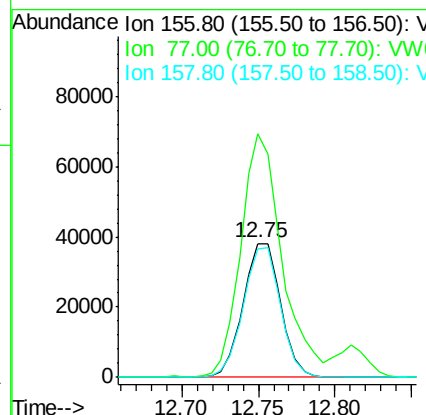
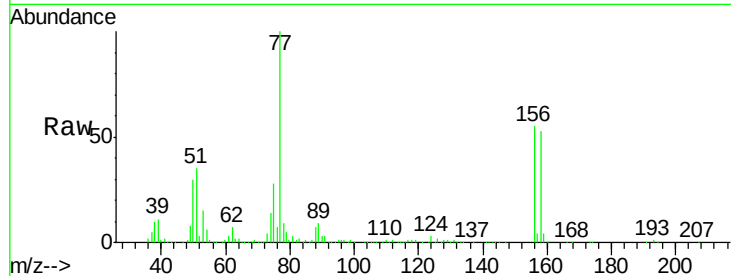
ClientSampleId :

KY030LC006-S-180716MS

Tot Ion	Ratio	Lower	Upper
156	100		
77	198.9	96.2	288.6
158	96.5	48.5	145.5

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#78

n-propylbenzene

Concen: 51.00 ug/l

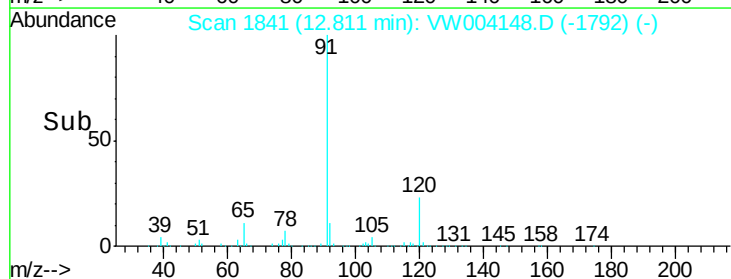
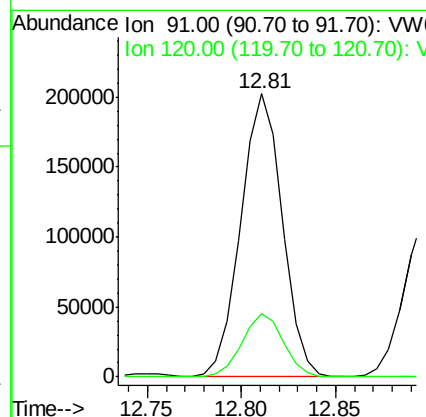
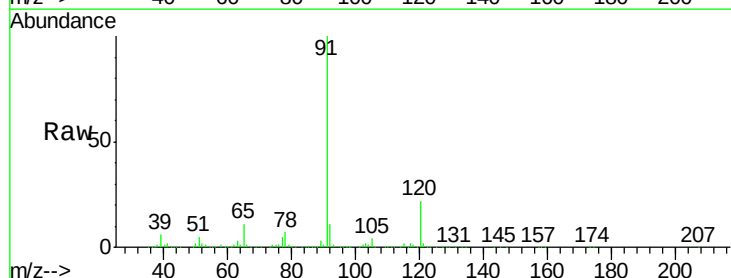
RT: 12.81 min Scan# 1841

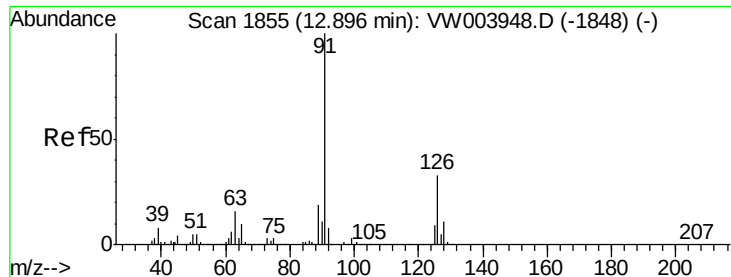
Delta R.T. 0.00 min

Lab File: VW004148.D

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Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.3	11.2	33.6





#79

2-Chlorotoluene

Concen: 52.67 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW004148.D

Acq: 23 Jul 2018 19:57

Instrument :

MSVOA_W

ClientSampleId :

KY030LC006-S-180716MS

Tot Ion: 91 Resp: 178848

Ion Ratio Lower Upper

91 100

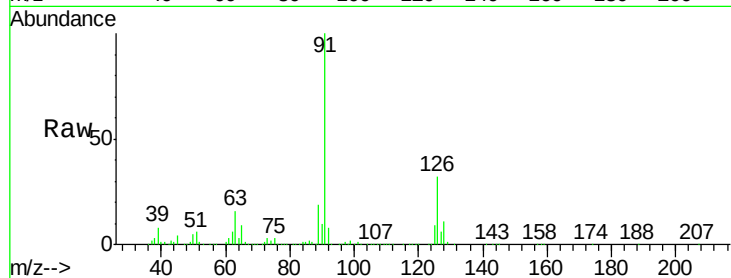
126 33.0 17.0 51.0

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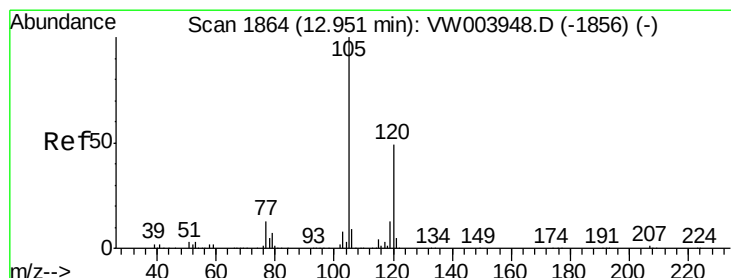
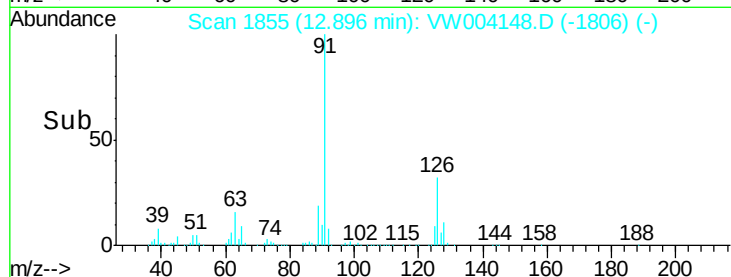
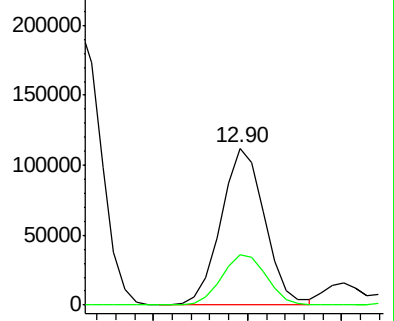
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 50.72 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW004148.D

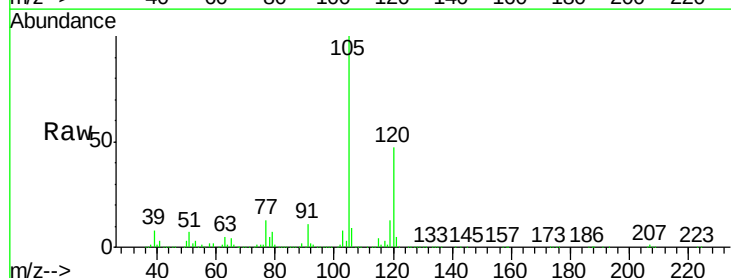
Acq: 23 Jul 2018 19:57

Tgt Ion:105 Resp: 209459

Ion Ratio Lower Upper

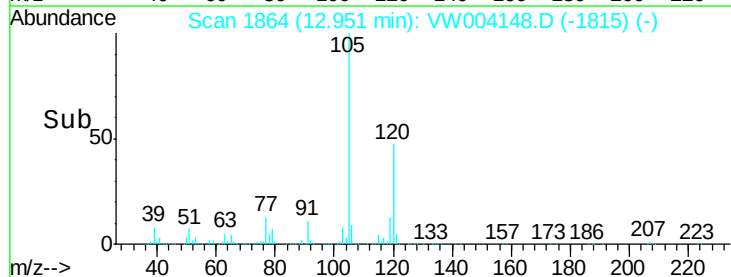
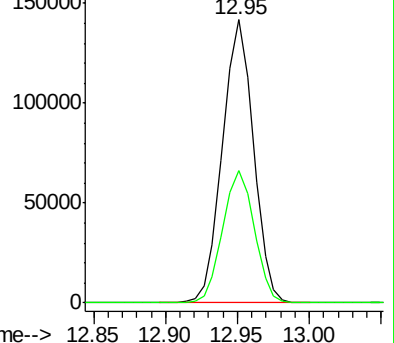
105 100

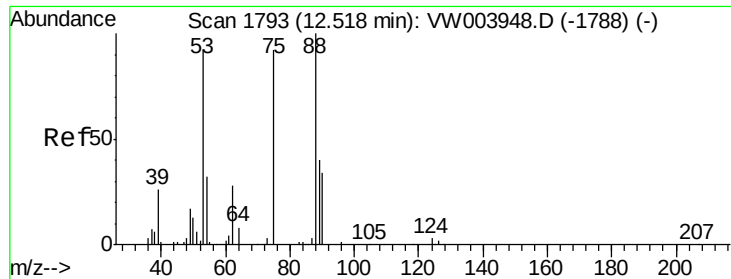
120 48.0 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





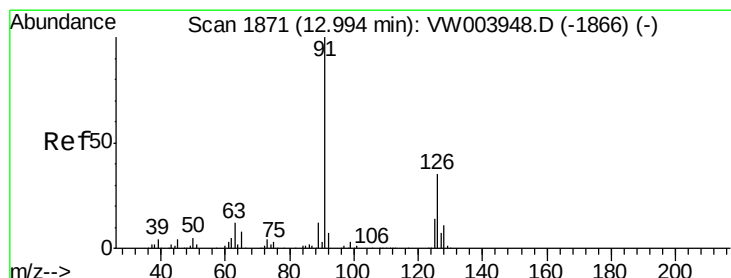
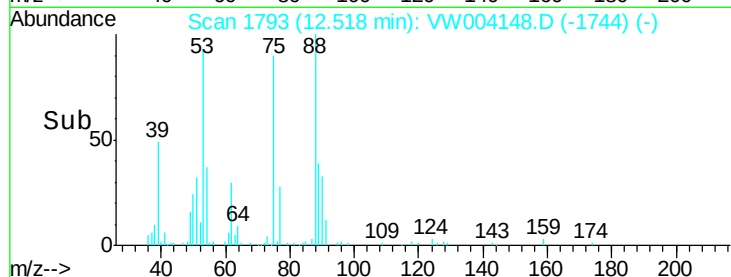
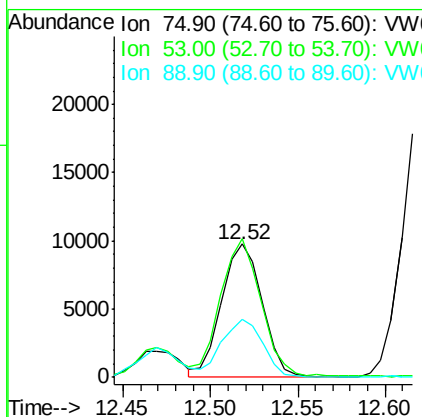
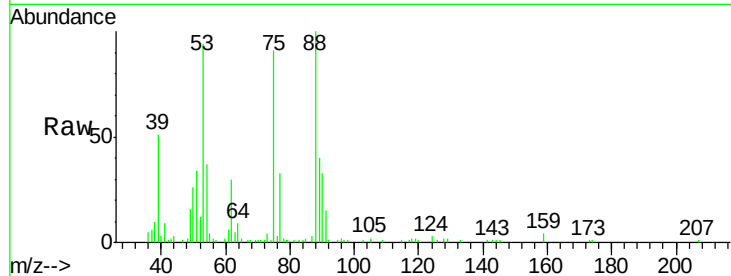
#81
trans-1,4-Dichloro-2-butene
Concen: 51.07 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VW004148.D
Acq: 23 Jul 2018 19:57

Instrument :
MSVOA_W
ClientSampleId :
KY030LC006-S-180716MS

Tot Ion	Ratio	Lower	Upper
75	100		
53	103.1	77.6	116.4
89	43.5	36.6	54.8

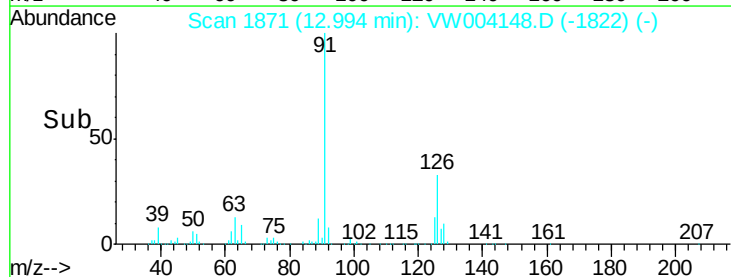
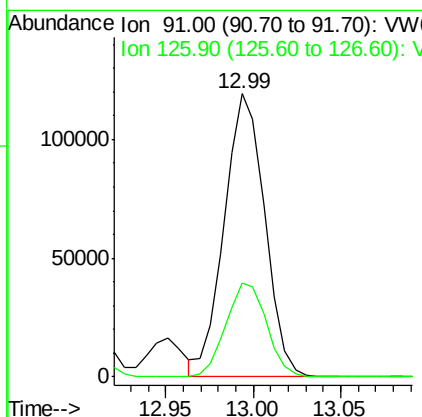
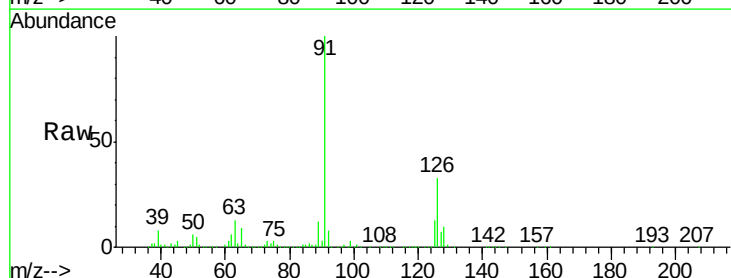
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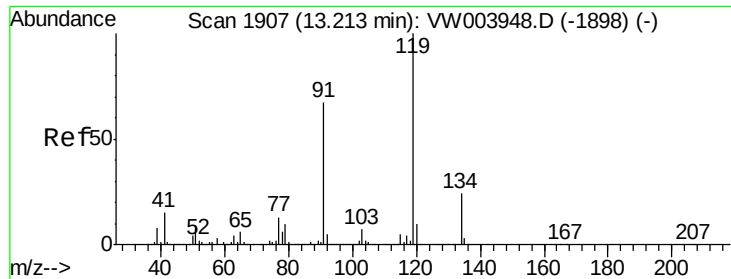
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#82
4-Chlorotoluene
Concen: 52.41 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. 0.00 min
Lab File: VW004148.D
Acq: 23 Jul 2018 19:57

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.5	16.7	50.0





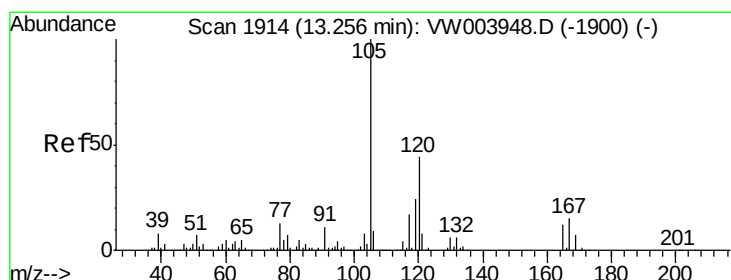
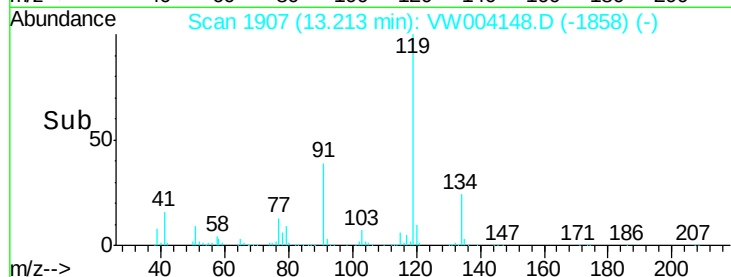
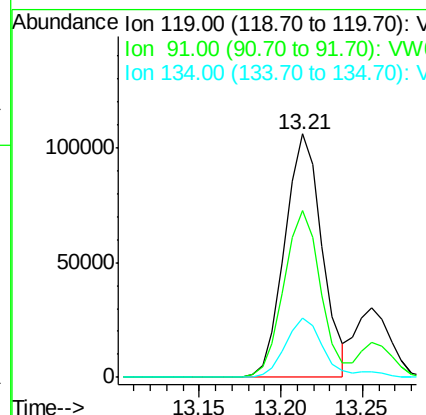
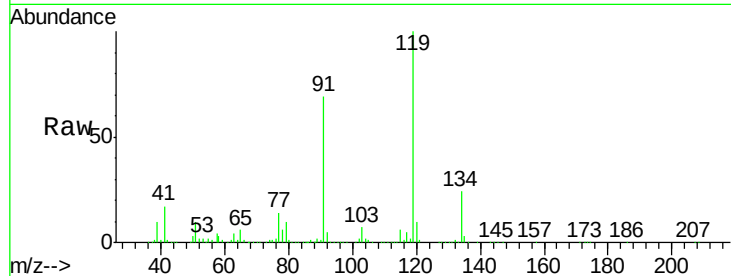
#83
 tert-Butylbenzene
 Concen: 48.47 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VW004148.D
 Acq: 23 Jul 2018 19:57

Instrument :
 MSVOA_W
 ClientSampleId :
 KY030LC006-S-180716MS

Tot Ion	Ratio	Resp	Lower	Upper
119	100	168055		
91	66.9	33.2	99.6	
134	25.8	13.0	38.9	

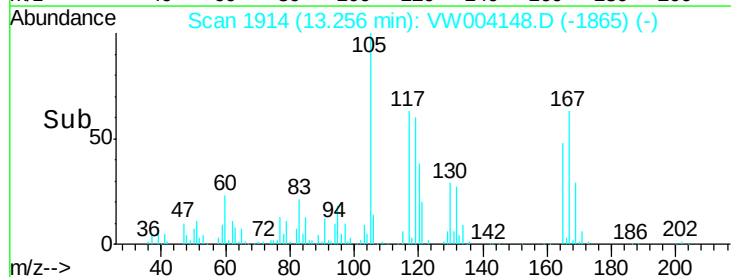
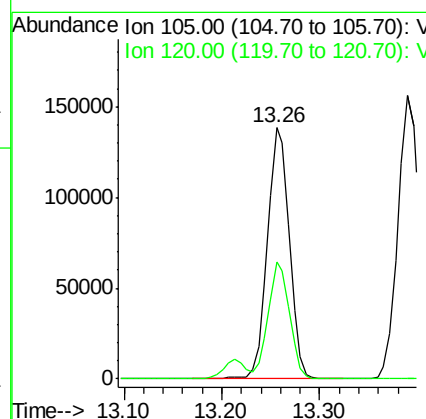
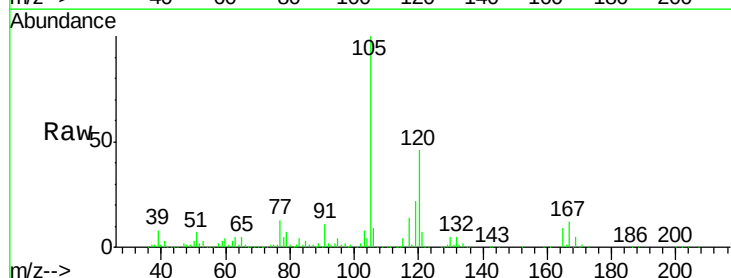
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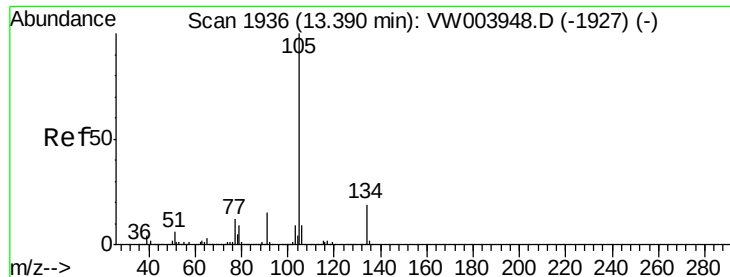
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#84
 1,2,4-Trimethylbenzene
 Concen: 50.52 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. 0.00 min
 Lab File: VW004148.D
 Acq: 23 Jul 2018 19:57

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	214653		
120	45.4	22.1	66.1	





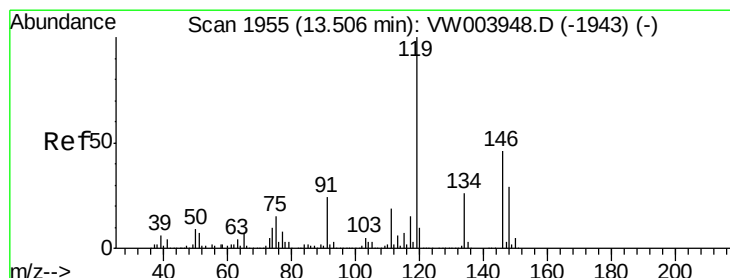
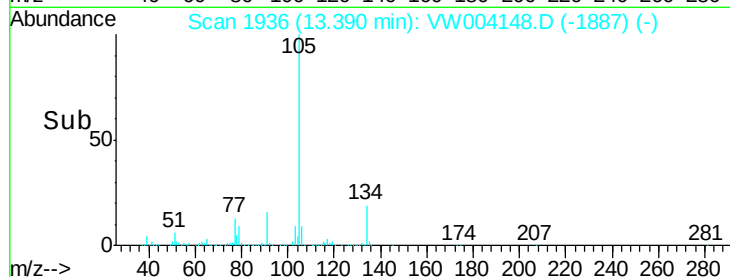
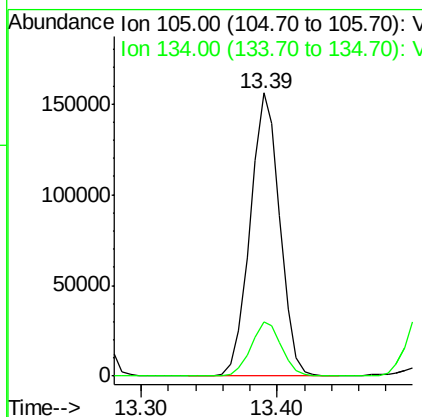
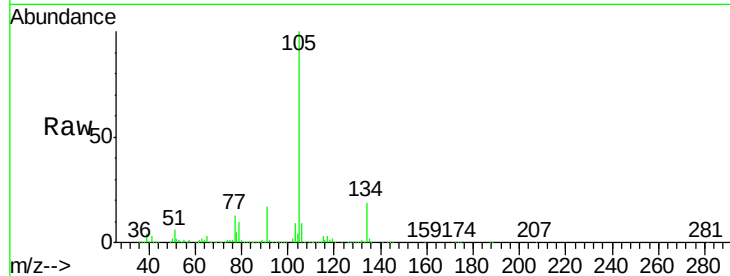
#85
 sec-Butylbenzene
 Concen: 46.32 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VW004148.D
 Acq: 23 Jul 2018 19:57

Instrument :
 MSVOA_W
 ClientSampleId :
 KY030LC006-S-180716MS

Tot Ion	Ratio	Resp	Lower	Upper
105	100	238257		
134	19.6	9.8	29.4	

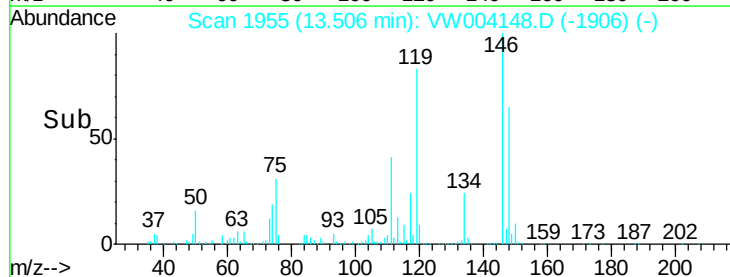
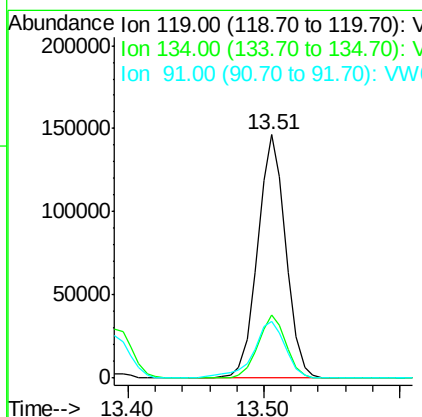
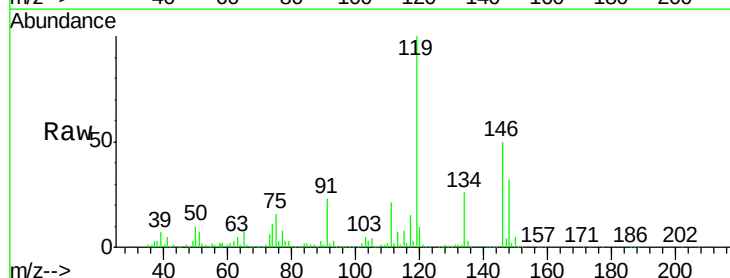
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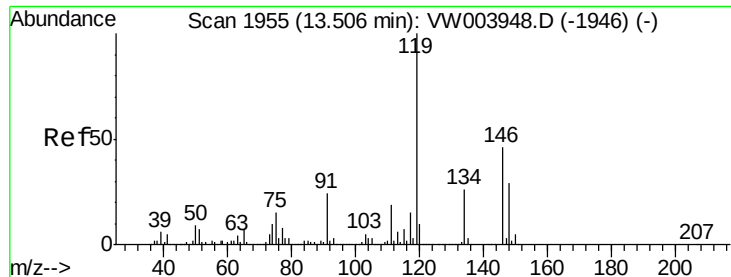
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#86
 p-Isopropyltoluene
 Concen: 46.84 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW004148.D
 Acq: 23 Jul 2018 19:57

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	211337		
134	26.2	13.0	38.9	
91	26.0	11.8	35.3	





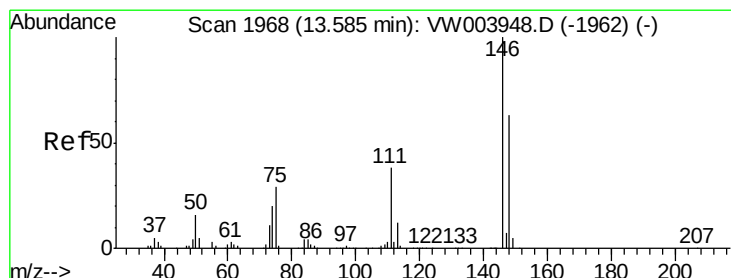
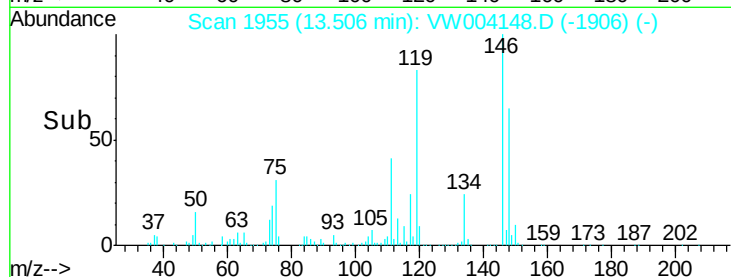
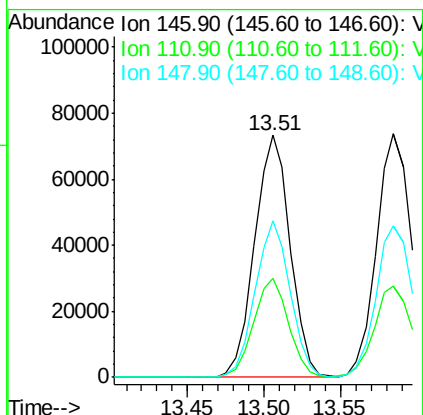
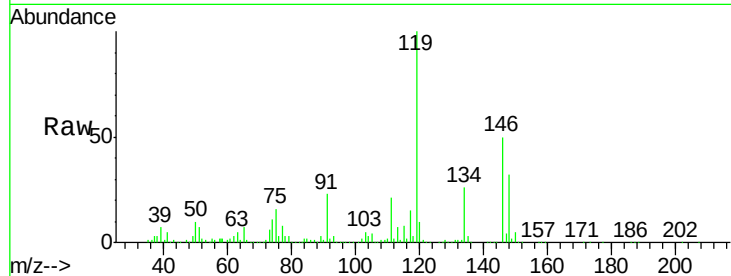
#87
 1,3-Dichlorobenzene
 Concen: 50.58 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW004148.D
 Acq: 23 Jul 2018 19:57

Instrument :
 MSVOA_W
 ClientSampleId :
 KY030LC006-S-180716MS

Tot Ion	Ratio	Resp	Lower	Upper
146	100	118616		
111	40.2	19.9	59.6	
148	63.7	31.9	95.5	

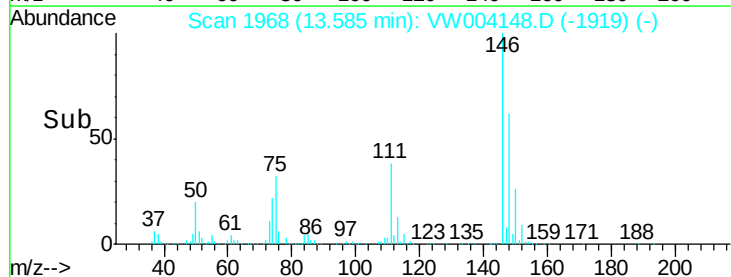
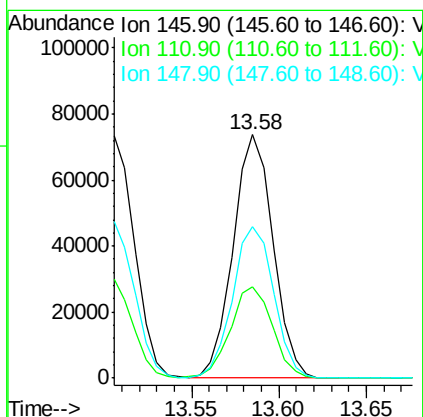
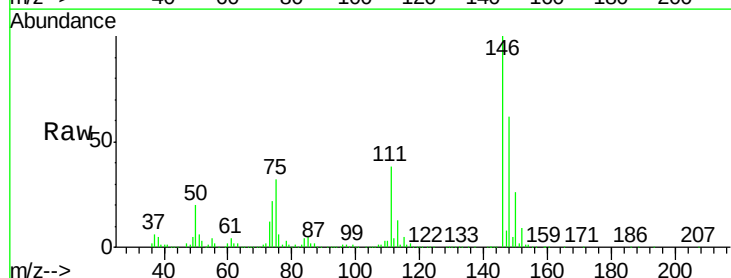
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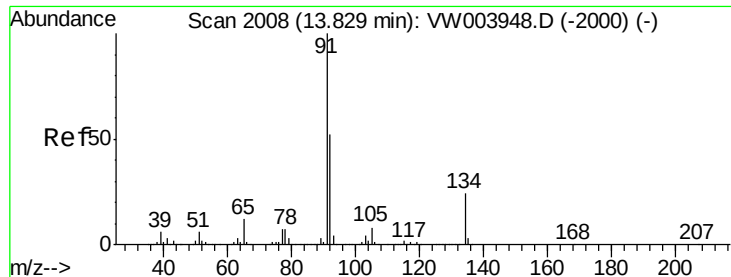
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#88
 1,4-Dichlorobenzene
 Concen: 49.86 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW004148.D
 Acq: 23 Jul 2018 19:57

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	117262		
111	39.3	19.6	58.7	
148	64.1	32.3	96.8	





#89

n-Butylbenzene

Concen: 40.90 ug/l

RT: 13.83 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VW004148.D

Acq: 23 Jul 2018 19:57

Instrument :

MSVOA_W

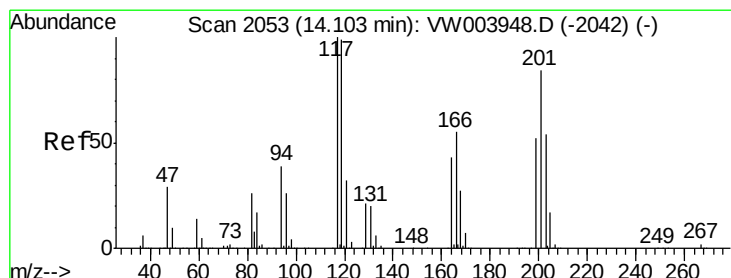
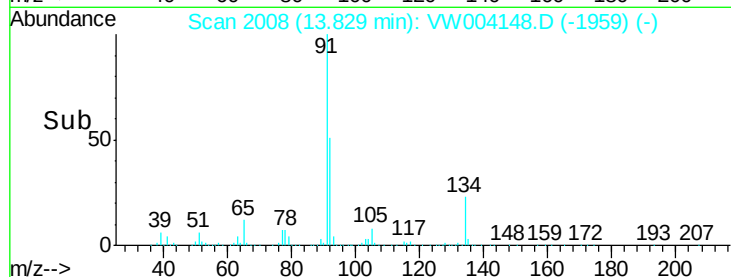
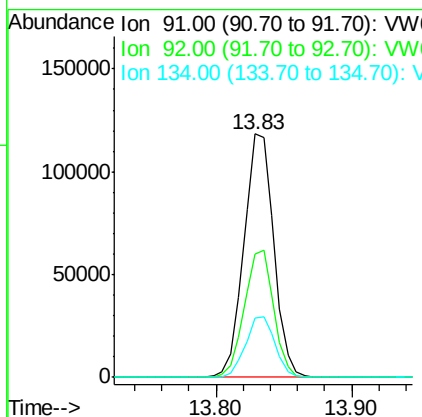
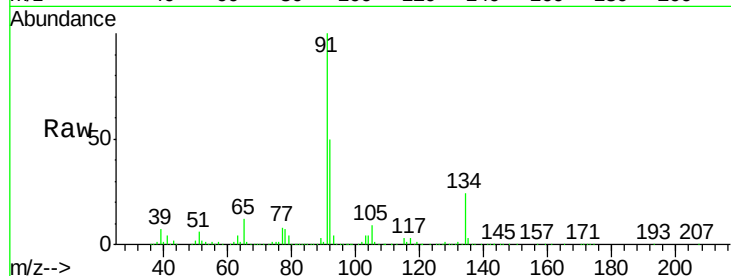
ClientSampleId :

KY030LC006-S-180716MS

Tot Ion:	91	Resp:	181425
Ion Ratio	Lower	Upper	
91	100		
92	51.4	26.1	78.3
134	24.9	12.4	37.4

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#90

Hexachloroethane

Concen: 45.20 ug/l

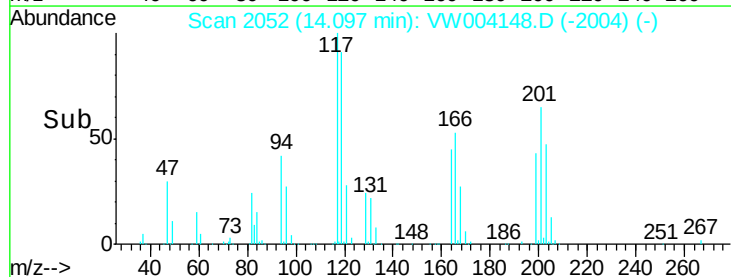
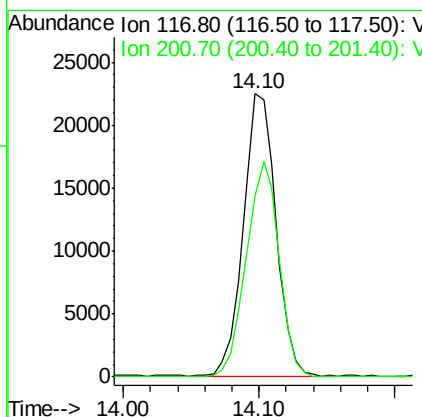
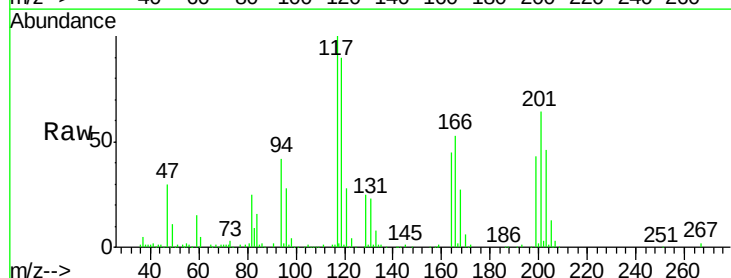
RT: 14.10 min Scan# 2052

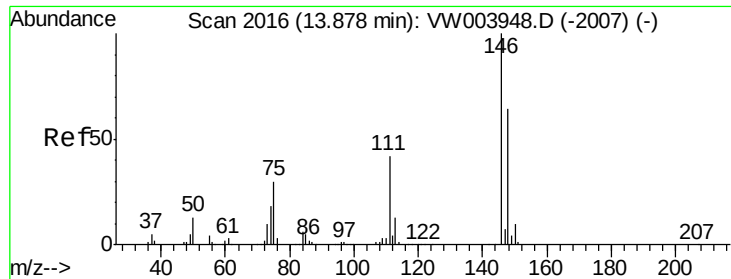
Delta R.T. -0.01 min

Lab File: VW004148.D

Acq: 23 Jul 2018 19:57

Tgt Ion:	117	Resp:	37598
Ion Ratio	Lower	Upper	
117	100		
201	76.9	40.3	120.9





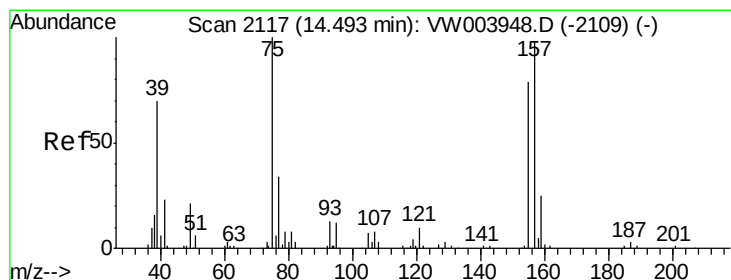
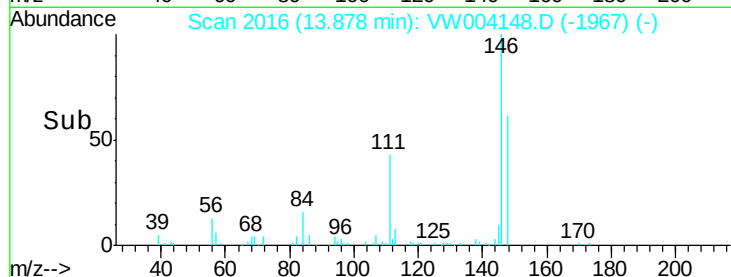
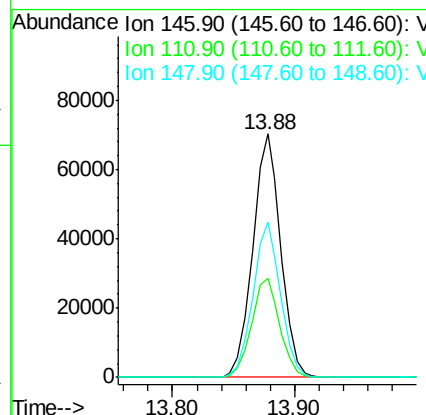
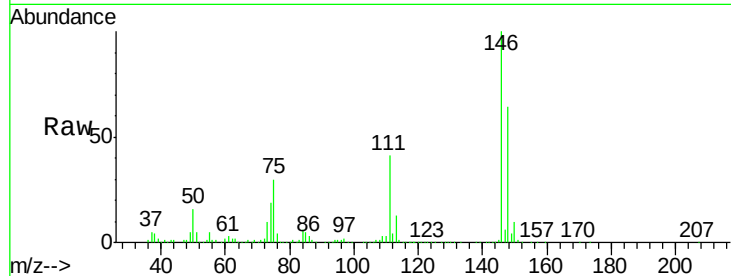
#91
 1,2-Dichlorobenzene
 Concen: 53.26 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW004148.D
 Acq: 23 Jul 2018 19:57

Instrument :
 MSVOA_W
 ClientSampleId :
 KY030LC006-S-180716MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.7	62.1
148	62.9	32.0	96.2

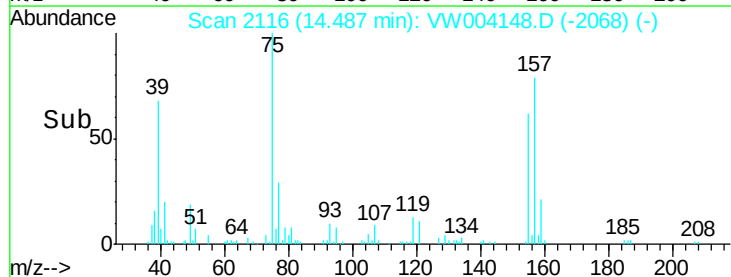
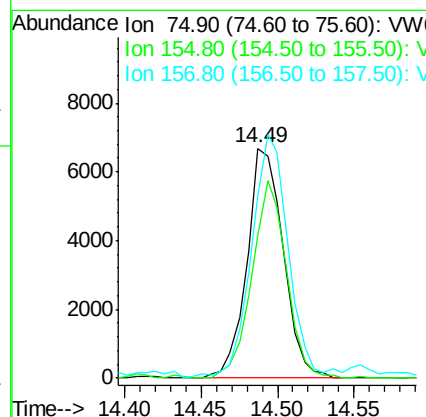
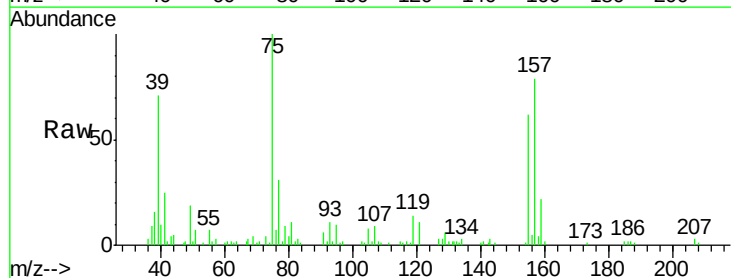
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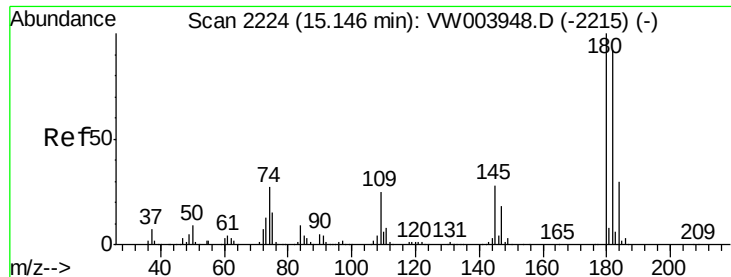
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 65.28 ug/l
 RT: 14.49 min Scan# 2116
 Delta R.T. -0.01 min
 Lab File: VW004148.D
 Acq: 23 Jul 2018 19:57

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.4	39.4	118.1
157	103.9	51.8	155.4





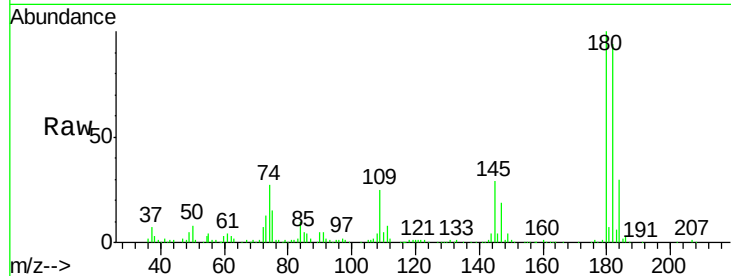
#93
1,2,4-Trichlorobenzene
Concen: 40.90 ug/l
RT: 15.15 min Scan# 2224
Delta R.T. 0.00 min
Lab File: VW004148.D
Acq: 23 Jul 2018 19:57

Instrument :
MSVOA_W
ClientSampleId :
KY030LC006-S-180716MS

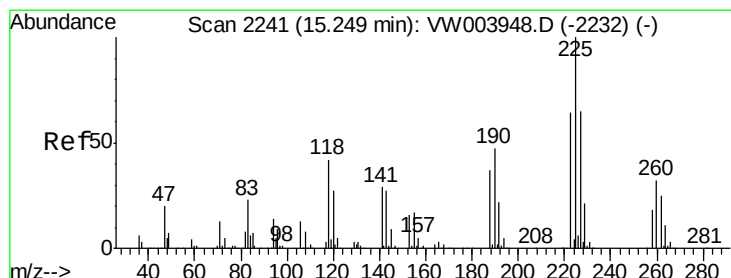
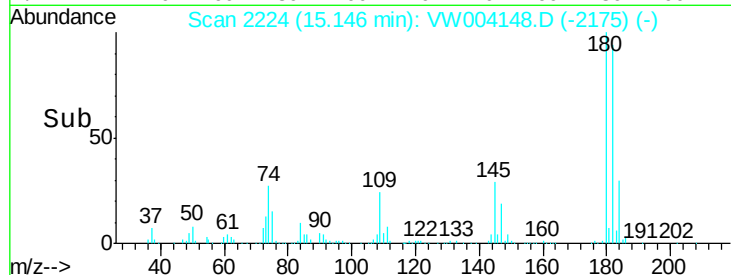
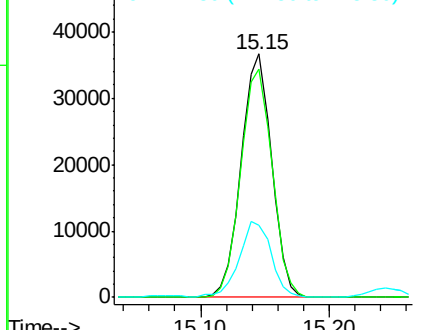
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.7	46.9	140.8
145	32.5	15.0	45.0

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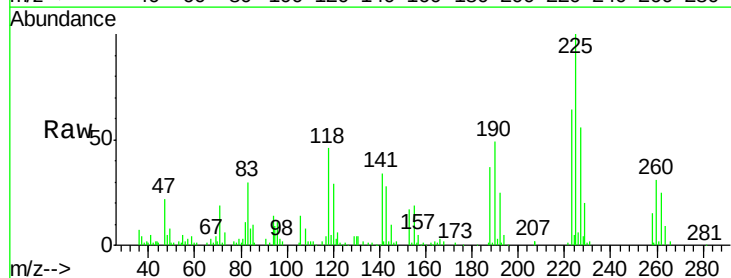


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

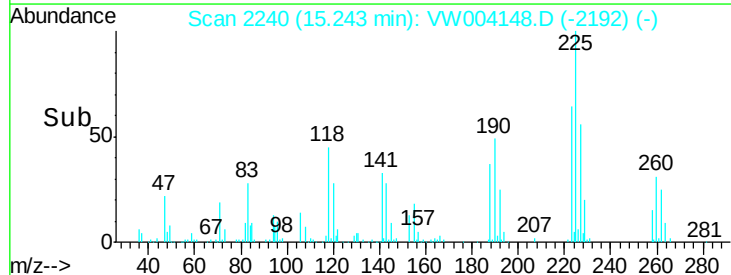
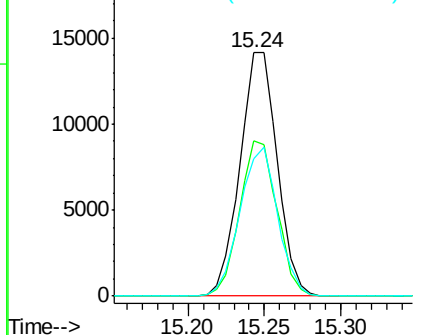


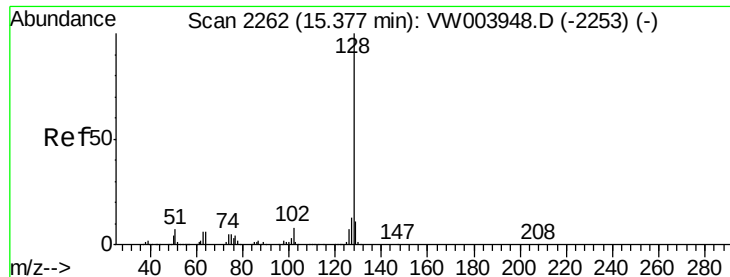
#94
Hexachlorobutadiene
Concen: 28.57 ug/l
RT: 15.24 min Scan# 2240
Delta R.T. -0.01 min
Lab File: VW004148.D
Acq: 23 Jul 2018 19:57

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	32.0	96.2
227	61.4	32.3	96.9



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V





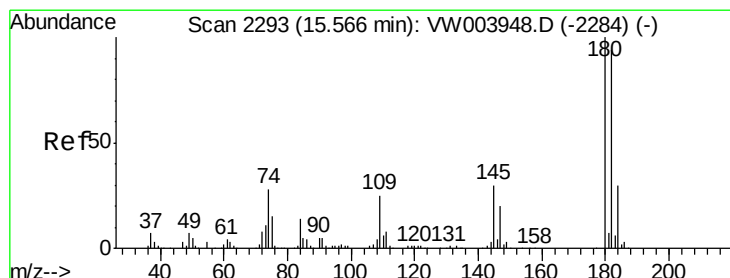
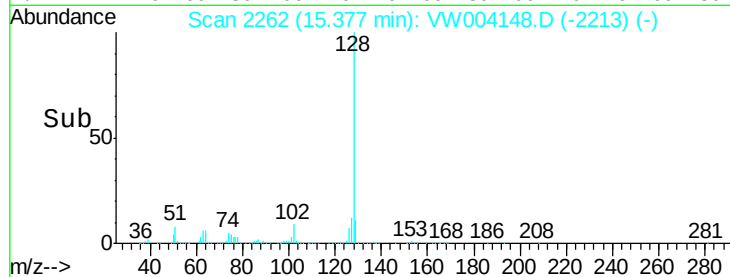
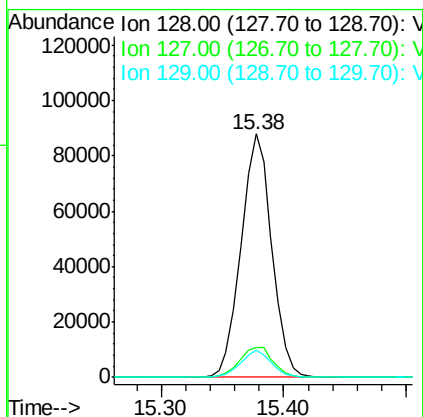
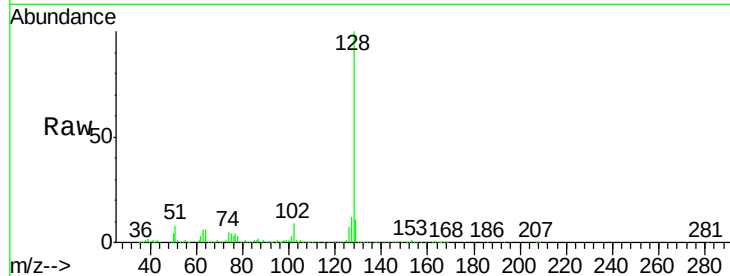
#95
Naphthalene
Concen: 56.08 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW004148.D
Acq: 23 Jul 2018 19:57

Instrument :
MSVOA_W
ClientSampleId :
KY030LC006-S-180716MS

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.7	16.1
129	10.9	8.7	13.1

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 43.49 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VW004148.D
Acq: 23 Jul 2018 19:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.4	47.5	142.6
145	35.3	15.8	47.4

