

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW012918\
 Data File : VW001124.D
 Acq On : 29 Jan 2018 17:56
 Operator : JC/SY
 Sample : VW0129SBS01
 Misc : 5.0G/5.0ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0129SBS01

Manual Integrations
 APPROVED

sam
 1/30/2018 5:58:48 PM

Quant Time: Jan 30 16:46:53 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W012918S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 30 01:11:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	271280	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	378202	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	345532	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	190188	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	129166	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	
35) Dibromofluoromethane	7.88	113	115242	47.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.28%	
50) Toluene-d8	10.33	98	465224	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	
62) 4-Bromofluorobenzene	12.63	95	170015	49.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	45735	19.89	ug/l	100
3) Chloromethane	2.22	50	40057	19.95	ug/l	95
4) Vinyl Chloride	2.36	62	40069	20.04	ug/l	98
5) Bromomethane	2.73	94	30326	22.26	ug/l	95
6) Chloroethane	2.89	64	23593	20.79	ug/l	99
7) Trichlorofluoromethane	3.25	101	78052	21.01	ug/l	99
8) Diethyl Ether	3.68	74	20268	20.96	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.04	101	47614	19.27	ug/l	98
10) Methyl Iodide	4.26	142	47819	18.32	ug/l	99
11) Tert butyl alcohol	5.20	59	24489m	115.57	ug/l	
12) 1,1-Dichloroethene	4.03	96	40310	18.67	ug/l	97
13) Acrolein	3.89	56	31262	91.86	ug/l	99
14) Allyl chloride	4.66	41	65876	20.42	ug/l	99
15) Acrylonitrile	5.37	53	75283	114.70	ug/l	99
16) Acetone	4.12	43	75361	108.68	ug/l	93
17) Carbon Disulfide	4.36	76	131021	19.54	ug/l	99
18) Methyl Acetate	4.68	43	37242	22.75	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	115047	20.59	ug/l	95
20) Methylene Chloride	4.90	84	51068	20.84	ug/l	93
21) trans-1,2-Dichloroethene	5.42	96	48709	20.20	ug/l	97
22) Diisopropyl ether	6.31	45	128384	20.77	ug/l	98
23) Vinyl Acetate	6.26	43	364988	98.58	ug/l	97
24) 1,1-Dichloroethane	6.21	63	81595	20.23	ug/l	98
25) 2-Butanone	7.18	43	103653	113.88	ug/l	96
26) 2,2-Dichloropropane	7.17	77	79745	19.99	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	51737	20.12	ug/l	99
28) Bromochloromethane	7.51	49	33236	20.28	ug/l	97
29) Tetrahydrofuran	7.53	42	60319	116.04	ug/l	99
30) Chloroform	7.68	83	88349	20.22	ug/l	99
31) Cyclohexane	7.95	56	78295	20.01	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	85025	20.56	ug/l	99
36) 1,1-Dichloropropene	8.08	75	69514	20.36	ug/l	100
37) Ethyl Acetate	7.26	43	42230	23.39	ug/l	100
38) Carbon Tetrachloride	8.07	117	76569	20.08	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	82236	20.40	ug/l	99
40) Benzene	8.32	78	191684	20.28	ug/l	99
41) Methacrylonitrile	7.49	41	23831	23.80	ug/l	97
42) 1,2-Dichloroethane	8.40	62	59986	20.18	ug/l	100
43) Isopropyl Acetate	8.43	43	67609	21.77	ug/l	100
44) Trichloroethene	9.09	130	57762	20.35	ug/l	95
45) 1,2-Dichloropropane	9.37	63	46328	20.35	ug/l	97
46) Dibromomethane	9.46	93	28192	19.80	ug/l	95
47) Bromodichloromethane	9.65	83	64822	20.13	ug/l	98
48) Methyl methacrylate	9.45	41	32044	21.59	ug/l	99
49) 1,4-Dioxane	9.45	88	12224	481.88	ug/l	97
51) 4-Methyl-2-Pentanone	10.22	43	197695	116.51	ug/l	99
52) Toluene	10.40	92	124905	20.58	ug/l	100
53) t-1,3-Dichloropropene	10.62	75	65188	20.06	ug/l	95
54) cis-1,3-Dichloropropene	10.08	75	71953	19.83	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	41710	20.55	ug/l	96
56) Ethyl methacrylate	10.66	69	49289	20.72	ug/l	98
57) 1,3-Dichloropropane	10.94	76	67698	20.52	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	110239	86.59	ug/l	100
59) 2-Hexanone	10.98	43	147561	114.95	ug/l	99
60) Dibromochloromethane	11.13	129	49659	20.08	ug/l	100
61) 1,2-Dibromoethane	11.24	107	42418	20.73	ug/l	99
64) Tetrachloroethene	10.87	164	55014	19.80	ug/l	98
65) Chlorobenzene	11.66	112	140092	20.10	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	51400	20.20	ug/l	98
67) Ethyl Benzene	11.74	91	235101	20.21	ug/l	99
68) m/p-Xylenes	11.85	106	188557	41.60	ug/l	97
69) o-Xylene	12.18	106	85489	20.45	ug/l	99
70) Styrene	12.20	104	141788	20.64	ug/l	99
71) Bromoform	12.36	173	34979	21.27	ug/l #	97
73) Isopropylbenzene	12.48	105	239576	20.11	ug/l	100
74) N-amyl acetate	12.29	43	59721	21.95	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	53157	21.82	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	38467m	19.96	ug/l	
77) Bromobenzene	12.76	156	62347	20.16	ug/l	98
78) n-propylbenzene	12.82	91	293427	20.57	ug/l	100
79) 2-Chlorotoluene	12.91	91	165987	20.34	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	208292	20.44	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	14783	20.17	ug/l	98
82) 4-Chlorotoluene	13.01	91	176949	20.34	ug/l	99
83) tert-Butylbenzene	13.23	119	182483	20.27	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	214572	20.70	ug/l	98
85) sec-Butylbenzene	13.40	105	261092	20.51	ug/l	100
86) p-Isopropyltoluene	13.52	119	233702	20.64	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	123362	20.20	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	124147	20.23	ug/l	99
89) n-Butylbenzene	13.84	91	216352	20.51	ug/l	100
90) Hexachloroethane	14.11	117	42316	20.04	ug/l	100
91) 1,2-Dichlorobenzene	13.89	146	113480	20.30	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	10711	21.79	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.16	180	85050	20.68	ug/l	100
94) Hexachlorobutadiene	15.26	225	54489	21.42	ug/l	97
95) Naphthalene	15.39	128	175005	21.57	ug/l	100
96) 1,2,3-Trichlorobenzene	15.58	180	80289	21.17	ug/l	98

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

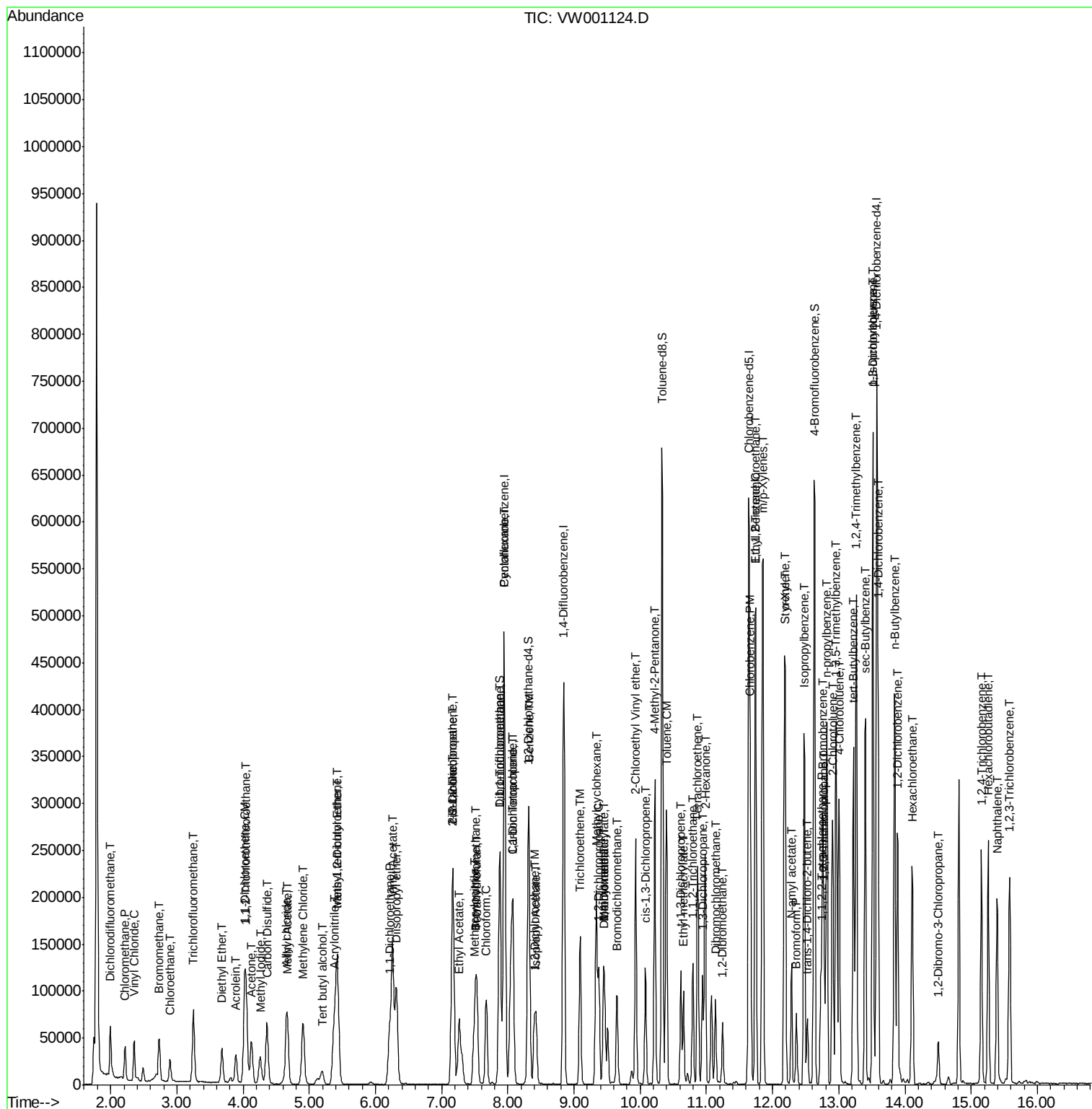
Data Path : W:\HPCHEM1\MSVOA W\DATA\VW012918\
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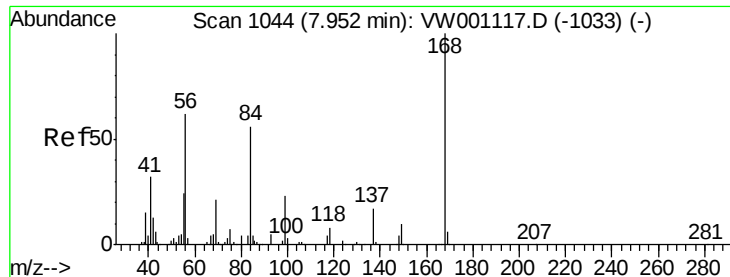
Instrument :
MSVOA_W
ClientSampleId :
VW0129SBS01

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VW001124.D

Acq: 29 Jan 2018 17:56

Instrument :

MSVOA_W

ClientSampleId :

VW0129SBS01

Tot Ion:168 Resp: 271280

Ion Ratio Lower Upper

168 100

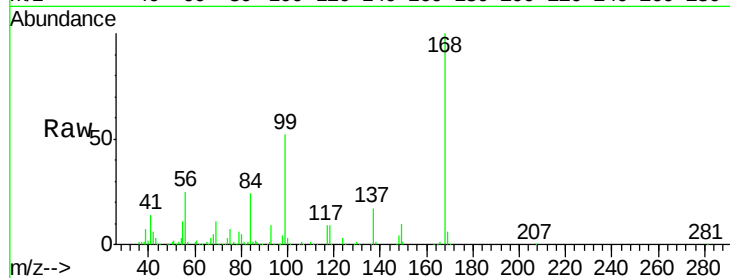
99 52.5 42.4 63.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

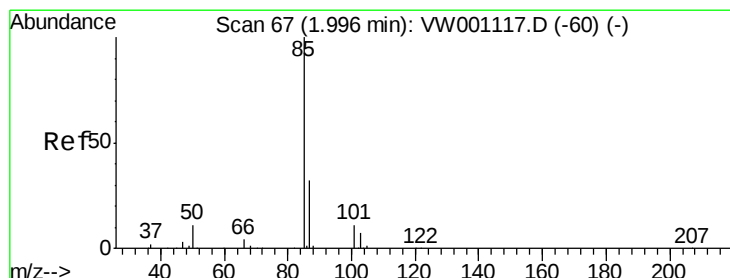
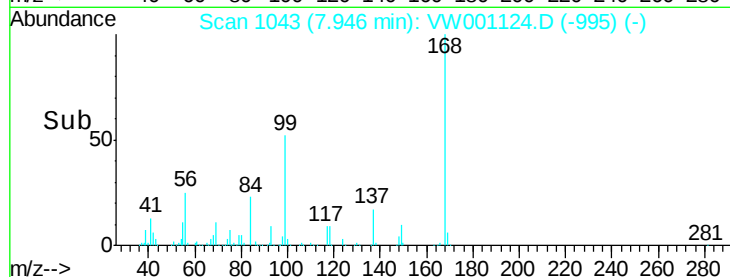
7.95

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.89 ug/l

RT: 2.00 min Scan# 67

Delta R.T. 0.00 min

Lab File: VW001124.D

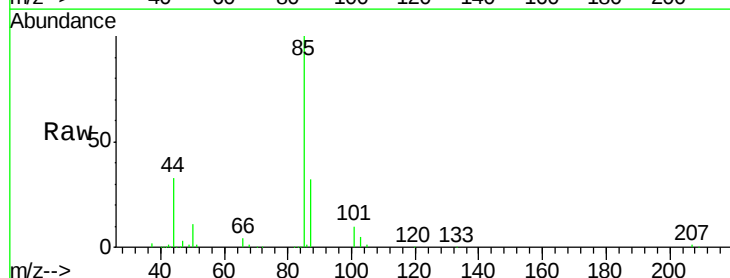
Acq: 29 Jan 2018 17:56

Tgt Ion: 85 Resp: 45735

Ion Ratio Lower Upper

85 100

87 32.3 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

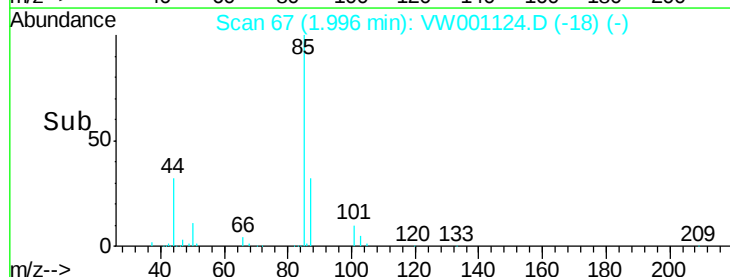
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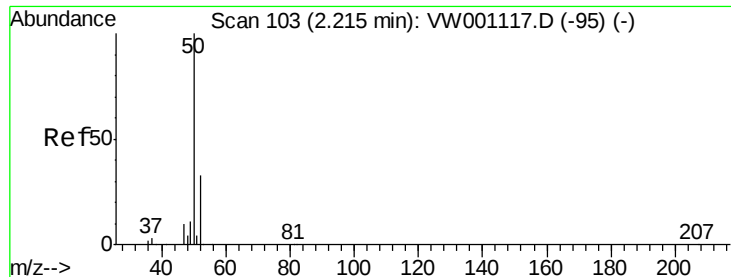
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10000

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Time-->





#3

Chloromethane

Concen: 19.95 ug/l

RT: 2.22 min Scan# 103

Delta R.T. 0.00 min

Lab File: VW001124.D

Acq: 29 Jan 2018 17:56

Instrument :

MSVOA_W

ClientSampleId :

VW0129SBS01

Tot Ion: 50 Resp: 40057

Ion Ratio Lower Upper

50 100

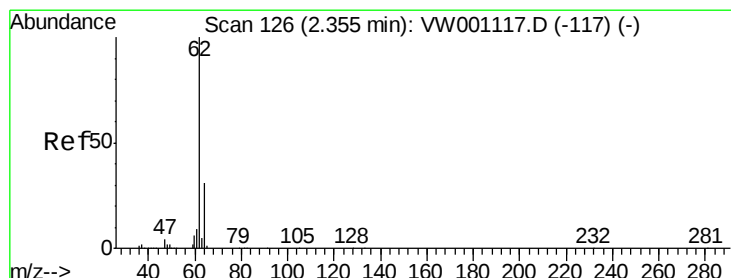
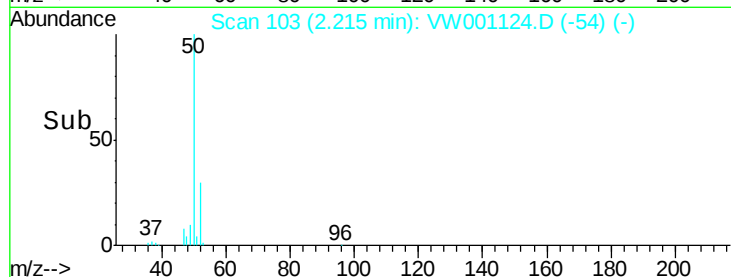
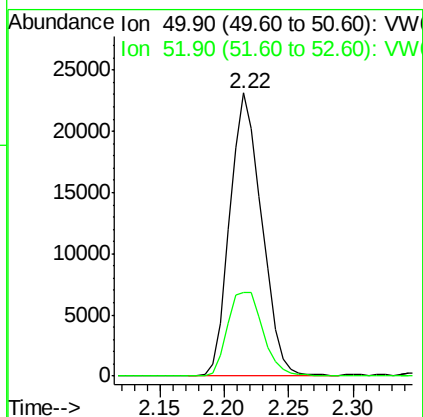
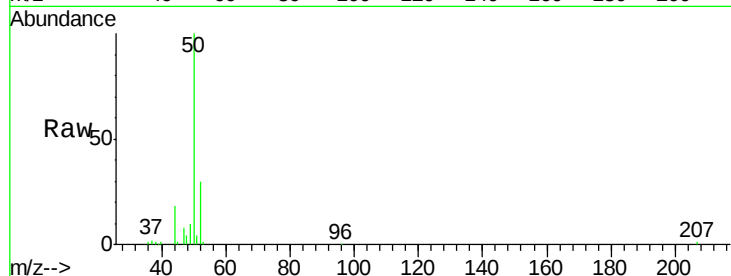
52 29.8 26.2 39.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.04 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW001124.D

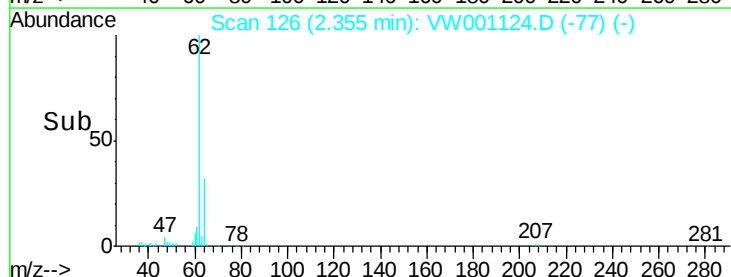
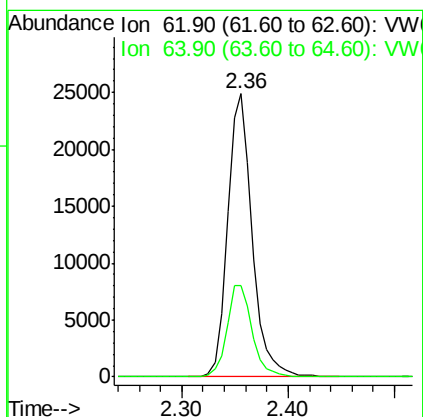
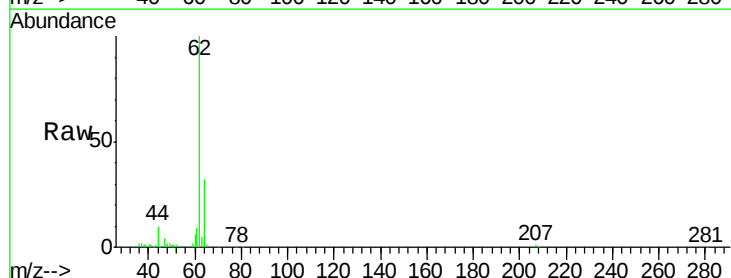
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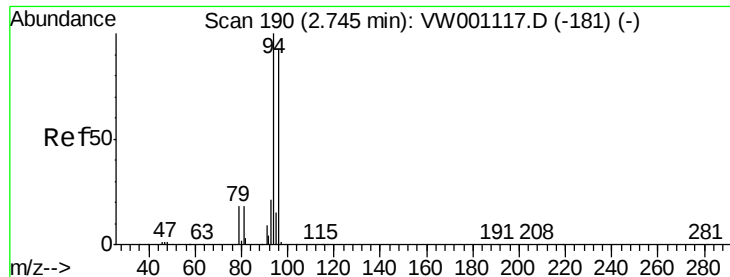
Tgt Ion: 62 Resp: 40069

Ion Ratio Lower Upper

62 100

64 32.4 25.2 37.8





#5

Bromomethane

Concen: 22.26 ug/l

RT: 2.73 min Scan# 188

Delta R.T. -0.01 min

Lab File: VW001124.D

Acq: 29 Jan 2018 17:56

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 30326

Ion Ratio Lower Upper

94 100

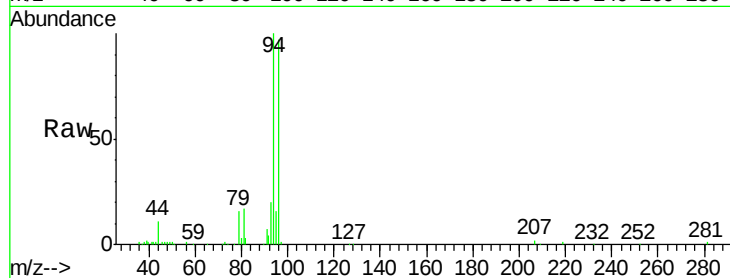
96 96.7 73.7 110.5

Manual Integrations

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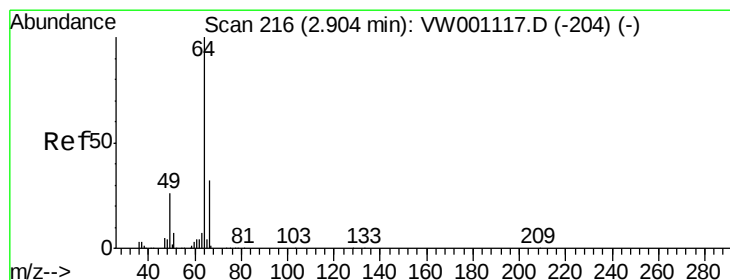
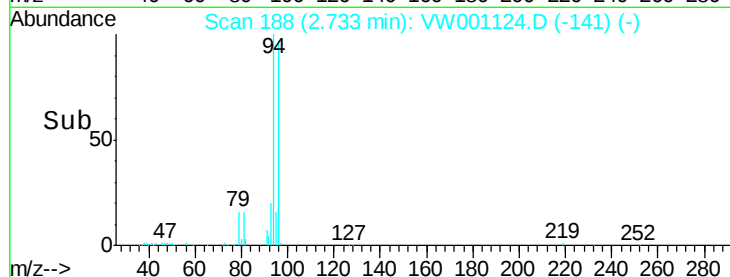
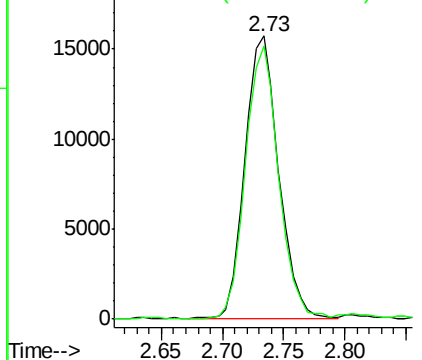
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Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 20.79 ug/l

RT: 2.89 min Scan# 214

Delta R.T. -0.01 min

Lab File: VW001124.D

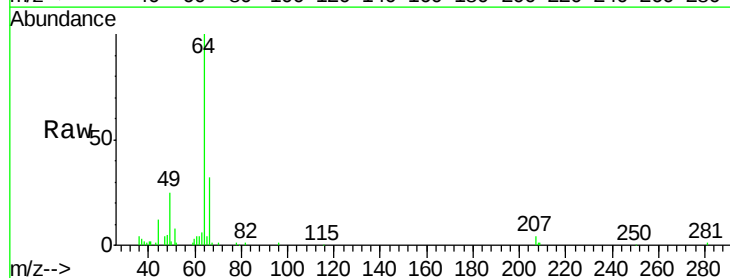
Acq: 29 Jan 2018 17:56

Tgt Ion: 64 Resp: 23593

Ion Ratio Lower Upper

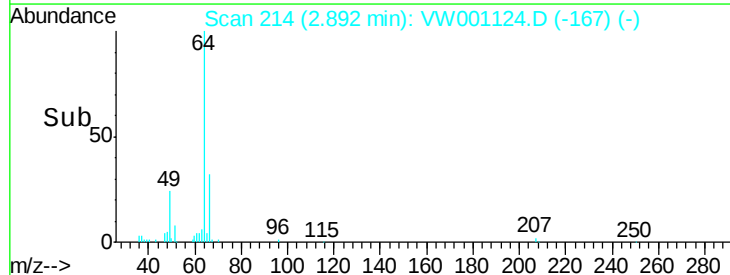
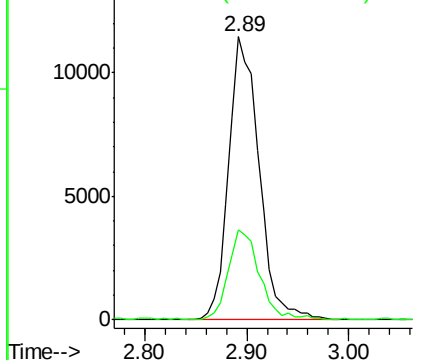
64 100

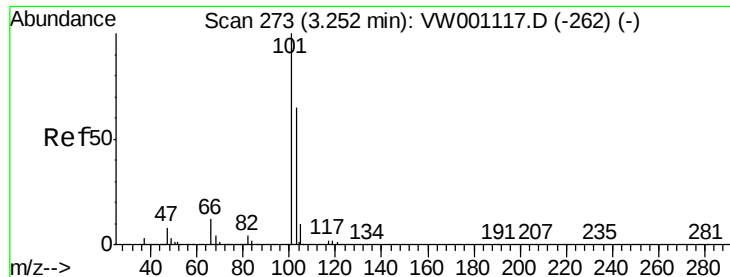
66 31.8 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW





#7

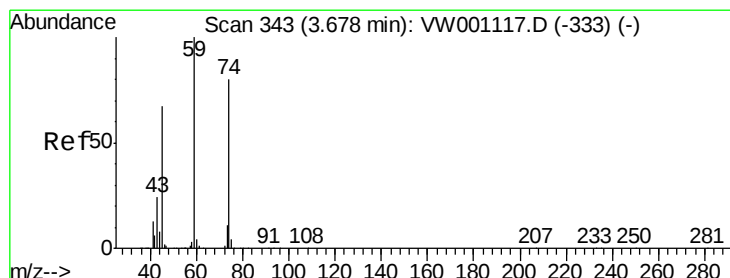
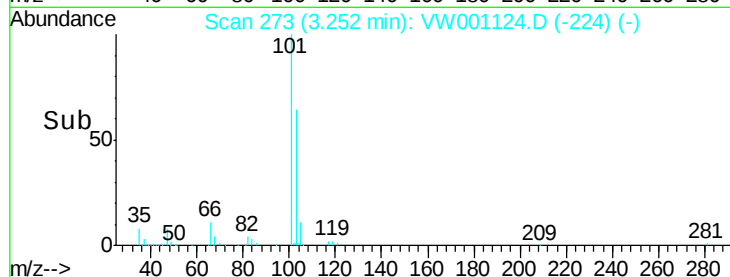
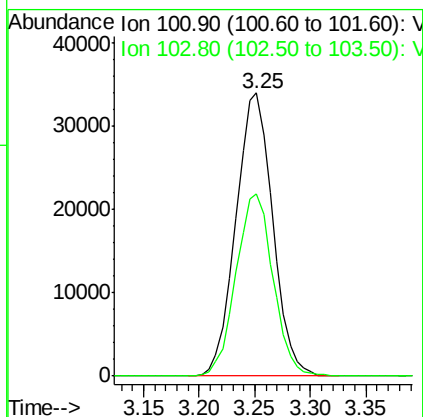
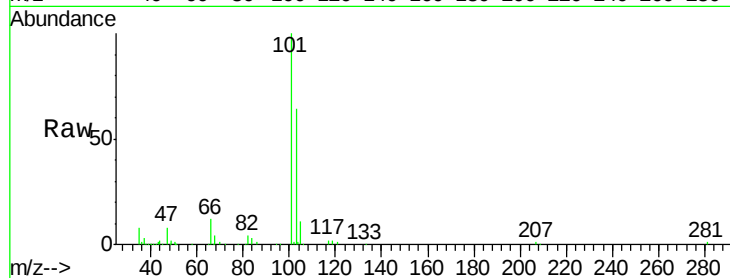
Trichlorofluoromethane
 Concen: 21.01 ug/l
 RT: 3.25 min Scan# 273
 Delta R.T. 0.00 min
 Lab File: VW001124.D
 Acq: 29 Jan 2018 17:56

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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.5	51.9	77.9

Manual Integrations
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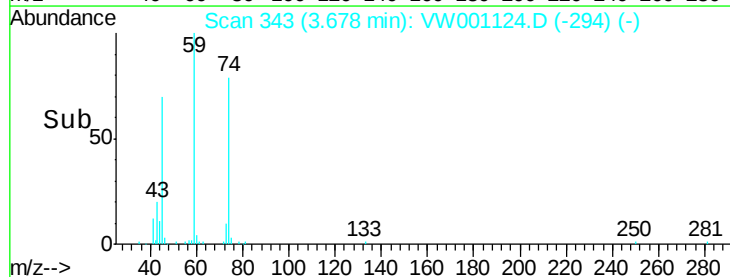
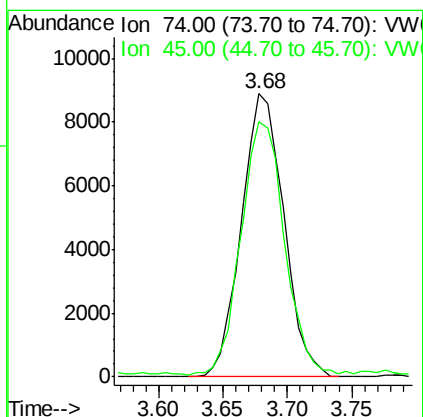
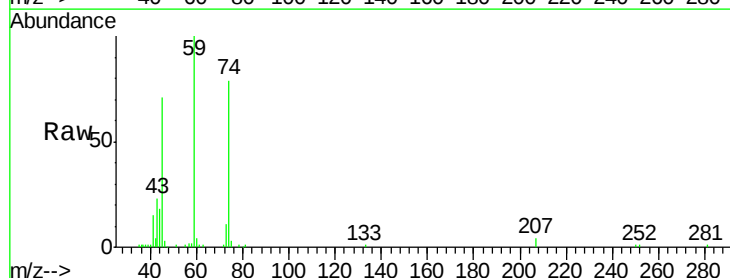
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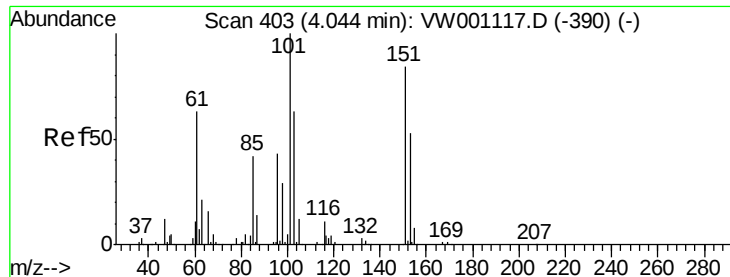


#8

Diethyl Ether
 Concen: 20.96 ug/l
 RT: 3.68 min Scan# 343
 Delta R.T. 0.00 min
 Lab File: VW001124.D
 Acq: 29 Jan 2018 17:56

Tgt Ion	Ratio	Lower	Upper
74	100		
45	91.4	46.7	140.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.27 ug/l

RT: 4.04 min Scan# 403

Delta R.T. 0.00 min

Lab File: VW001124.D

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Instrument :

MSVOA_W

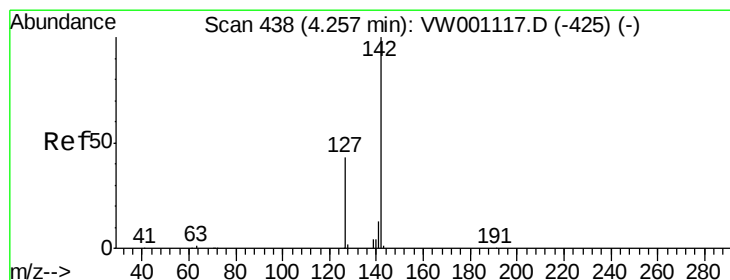
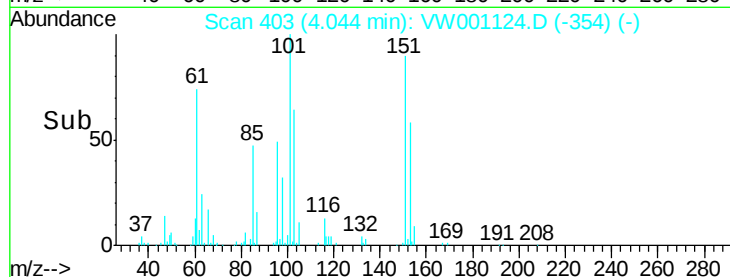
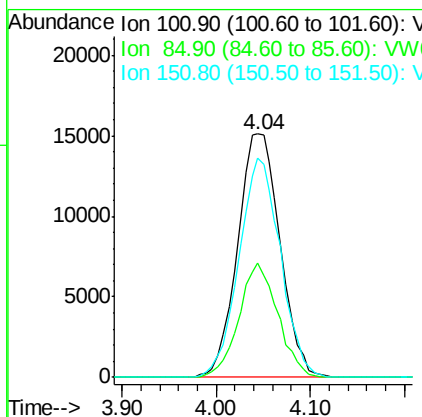
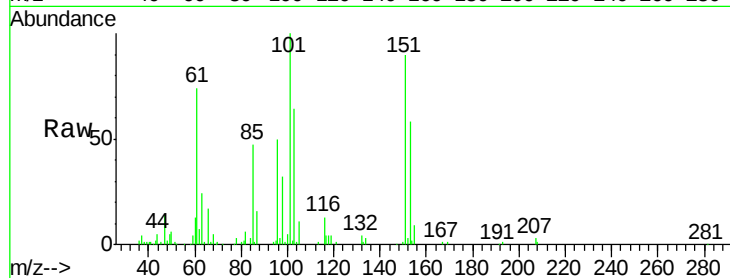
ClientSampleId :

VW0129SBS01

Tot Ion:	101	Resp:	47614
Ion Ratio	Lower	Upper	
101	100		
85	42.9	34.9	52.3
151	88.0	68.6	103.0

Manual Integrations
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#10

Methyl Iodide

Concen: 18.32 ug/l

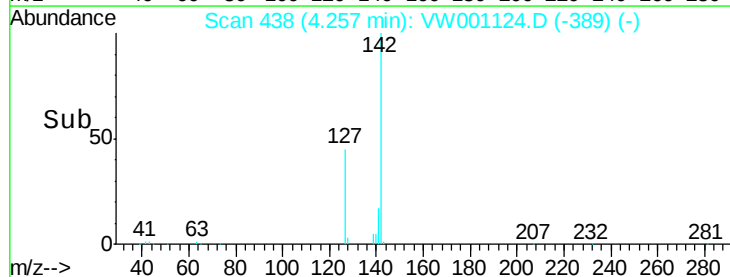
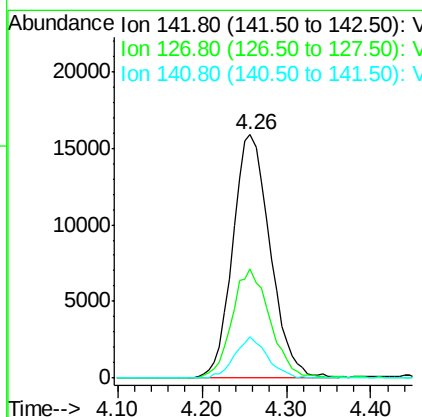
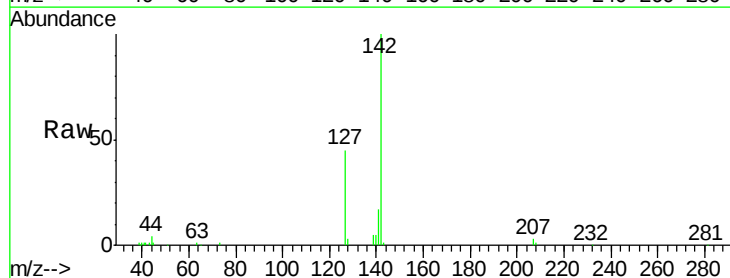
RT: 4.26 min Scan# 438

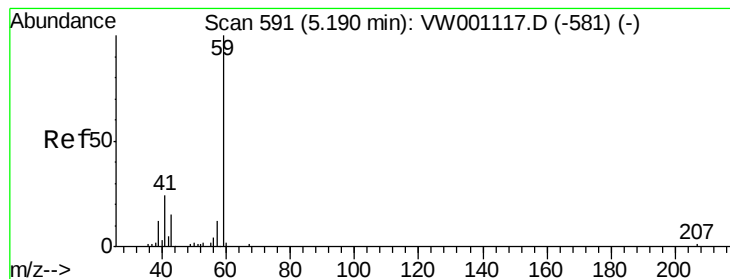
Delta R.T. 0.00 min

Lab File: VW001124.D

Acq: 29 Jan 2018 17:56

Tgt Ion:	142	Resp:	47819
Ion Ratio	Lower	Upper	
142	100		
127	45.3	35.4	53.2
141	14.7	11.6	17.4





#11

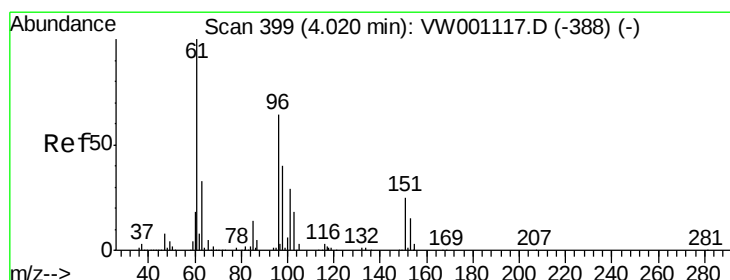
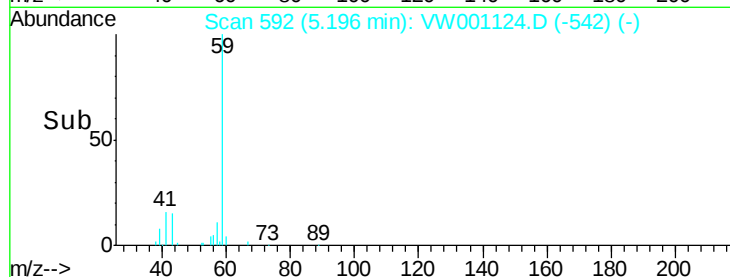
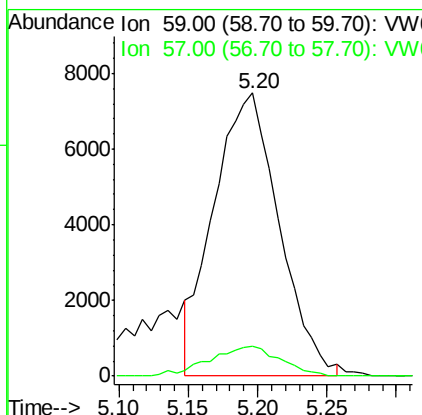
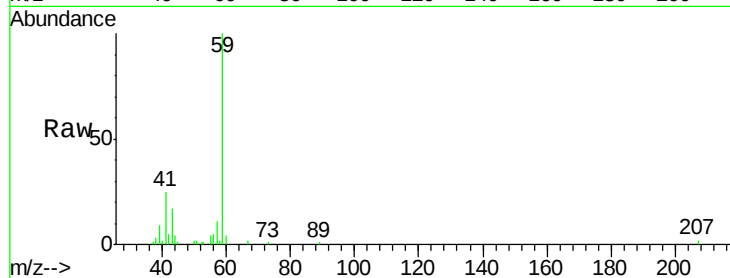
Tert butyl alcohol
Concen: 115.57 ug/l m
RT: 5.20 min Scan# 592
Delta R.T. 0.01 min
Lab File: VW001124.D
Acq: 29 Jan 2018 17:56

Instrument :
MSVOA_W
ClientSampleId :
VW0129SBS01

Tot Ion	59	Resp	24489
Ion Ratio	100	Lower	Upper
59	100		
57	11.5	7.8	11.8

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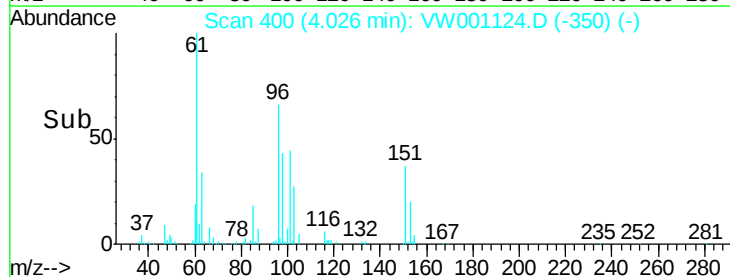
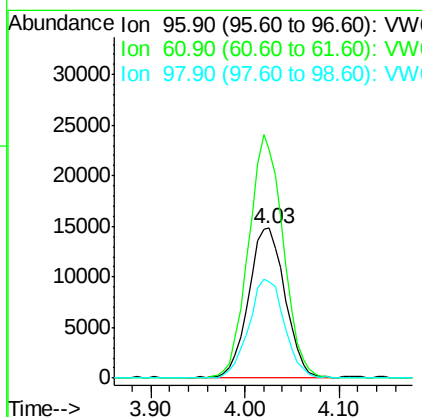
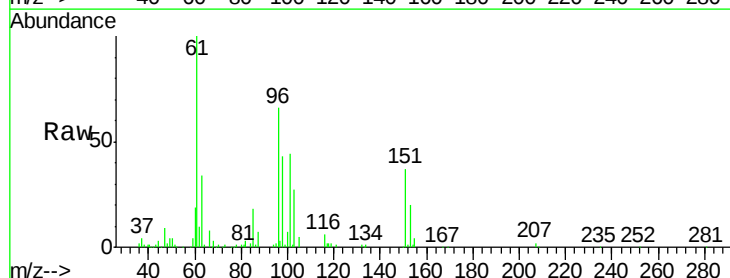
sam
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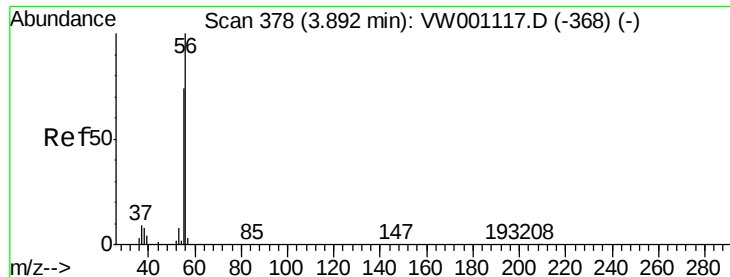


#12

1,1-Dichloroethene
Concen: 18.67 ug/l
RT: 4.03 min Scan# 400
Delta R.T. 0.01 min
Lab File: VW001124.D
Acq: 29 Jan 2018 17:56

Tgt Ion	96	Resp	40310
Ion Ratio	100	Lower	Upper
96	100		
61	151.8	125.2	187.8
98	64.6	50.3	75.5





#13

Acrolein

Concen: 91.86 ug/l

RT: 3.89 min Scan# 378

Delta R.T. 0.00 min

Lab File: VW001124.D

Acq: 29 Jan 2018 17:56

Instrument :

MSVOA_W

ClientSampleId :

VW0129SBS01

Tot Ion: 56 Resp: 31262

Ion Ratio Lower Upper

56 100

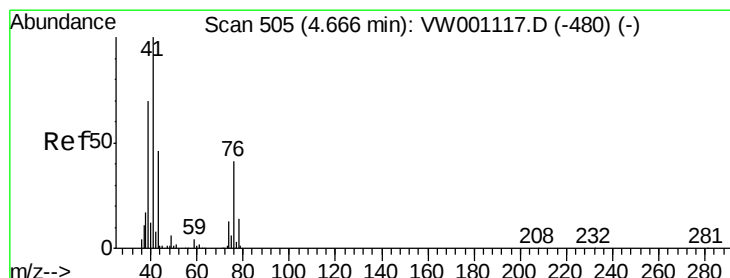
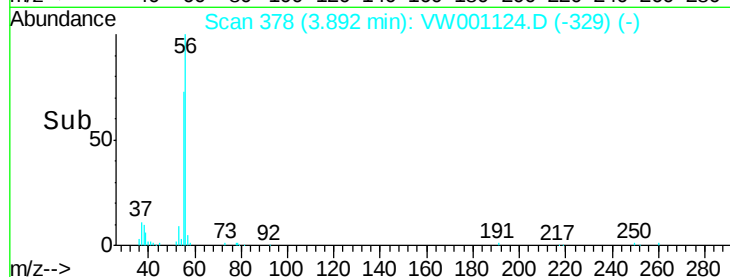
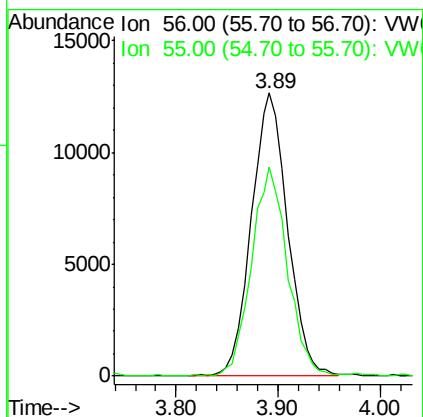
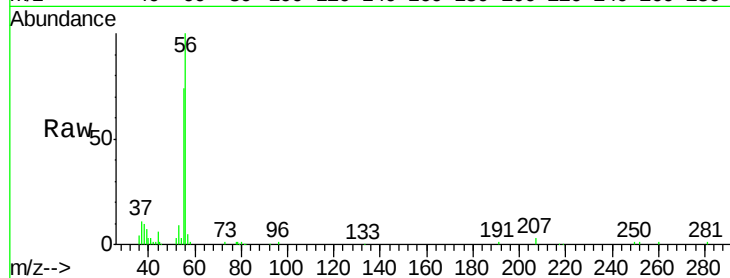
55 73.6 58.2 87.4

Manual Integrations

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#14

Allyl chloride

Concen: 20.42 ug/l

RT: 4.66 min Scan# 504

Delta R.T. -0.01 min

Lab File: VW001124.D

Acq: 29 Jan 2018 17:56

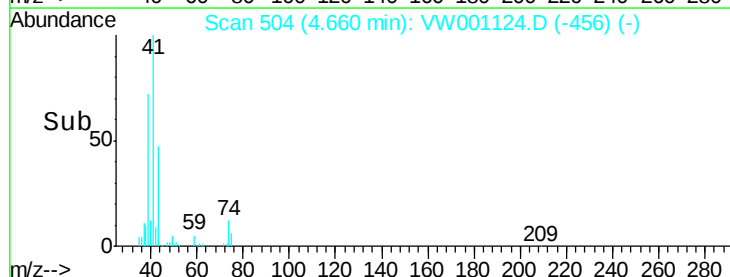
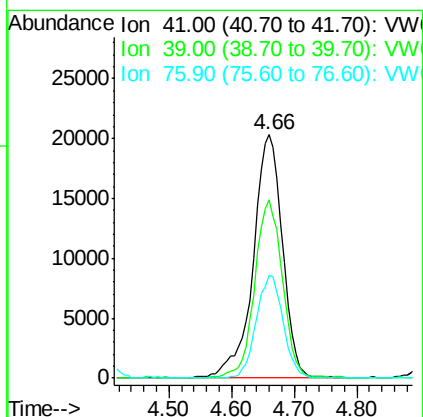
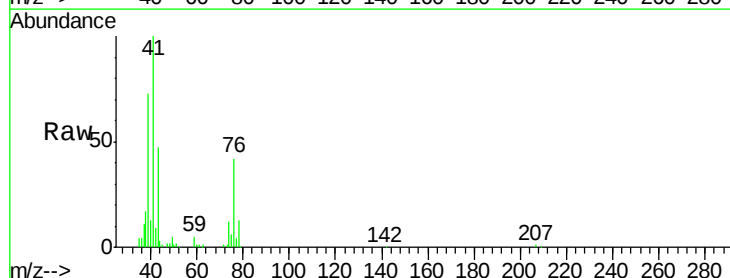
Tgt Ion: 41 Resp: 65876

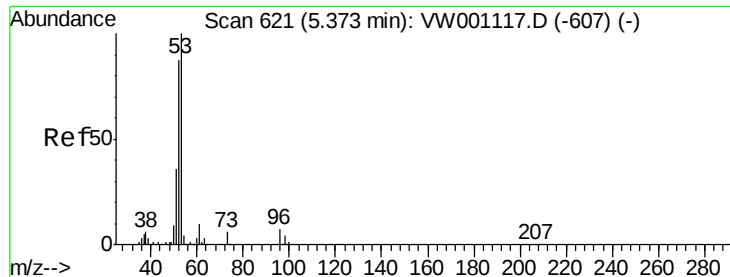
Ion Ratio Lower Upper

41 100

39 69.4 55.9 83.9

76 38.2 31.0 46.6





#15

Acrylonitrile

Concen: 114.70 ug/l

RT: 5.37 min Scan# 621

Delta R.T. 0.00 min

Lab File: VW001124.D

Acq: 29 Jan 2018 17:56

Instrument :

MSVOA_W

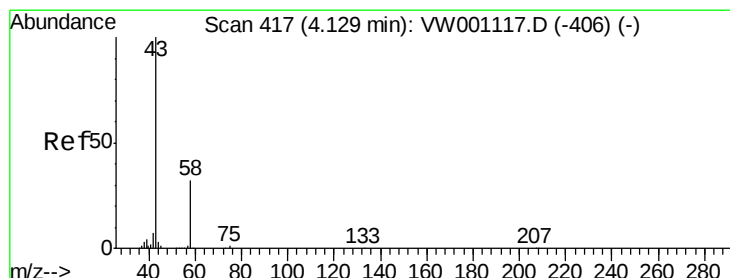
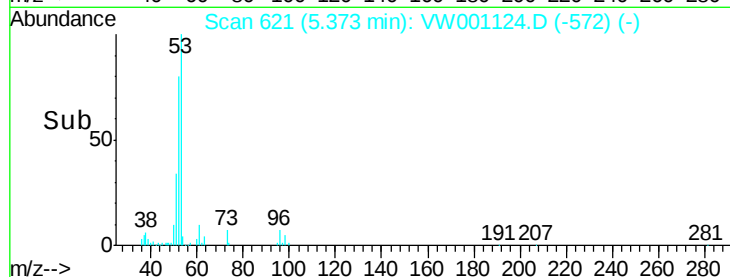
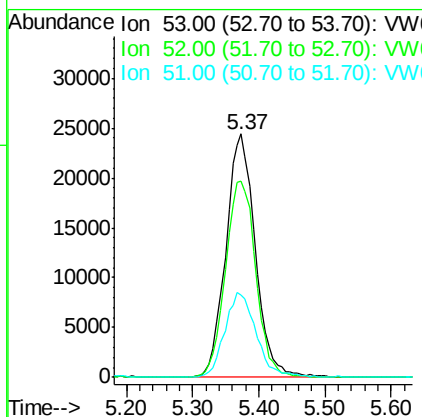
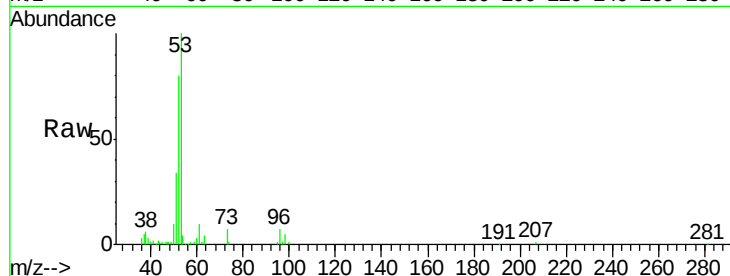
ClientSampleId :

VW0129SBS01

Tot Ion:	53	Resp:	75283
Ion	Ratio	Lower	Upper
53	100		
52	83.2	66.9	100.3
51	37.4	29.5	44.3

Manual Integrations
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#16

Acetone

Concen: 108.68 ug/l

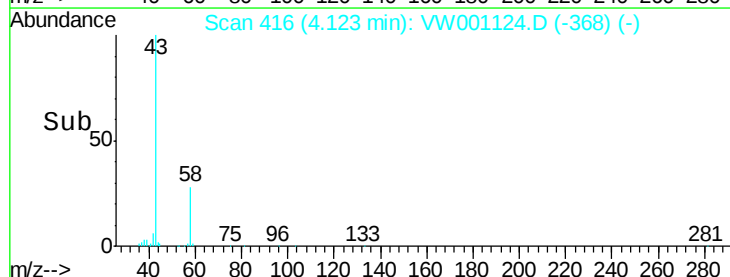
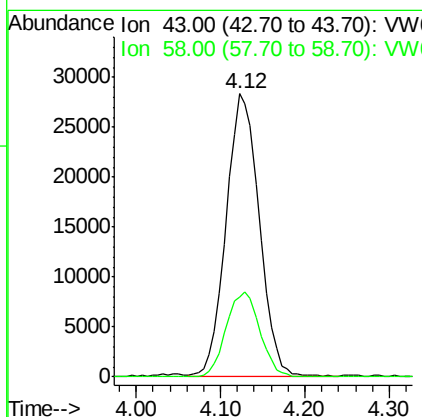
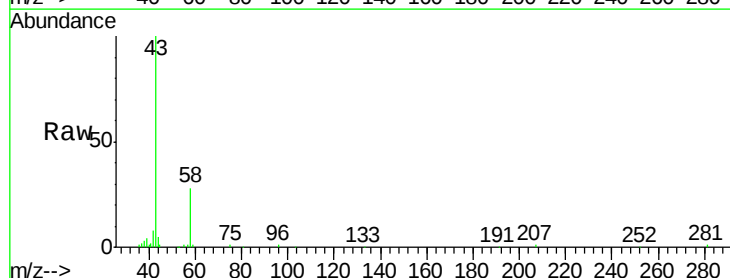
RT: 4.12 min Scan# 416

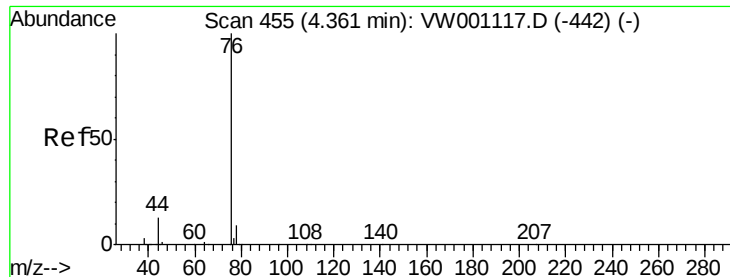
Delta R.T. -0.01 min

Lab File: VW001124.D

Acq: 29 Jan 2018 17:56

Tgt Ion:	43	Resp:	75361
Ion	Ratio	Lower	Upper
43	100		
58	28.3	25.7	38.5





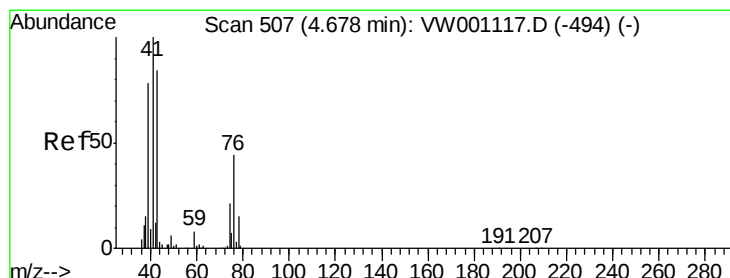
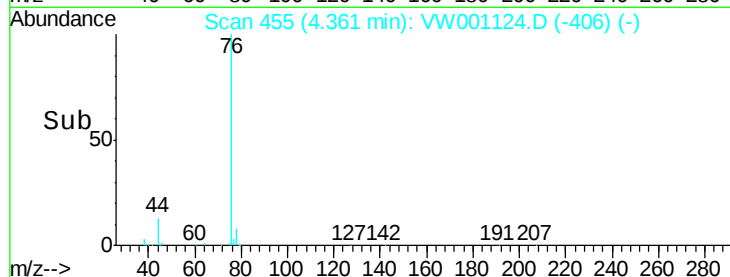
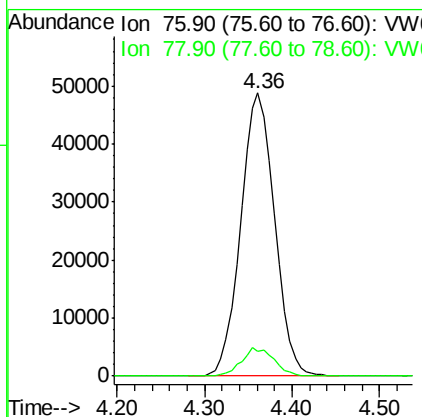
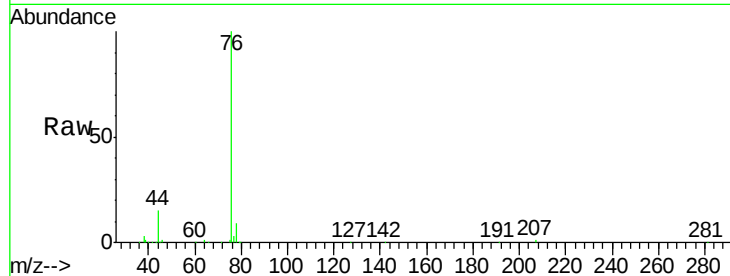
#17
Carbon Disulfide
Concen: 19.54 ug/l
RT: 4.36 min Scan# 455
Delta R.T. 0.00 min
Lab File: VW001124.D
Acq: 29 Jan 2018 17:56

Instrument :
MSVOA_W
ClientSampleId :
VW0129SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.1	10.7

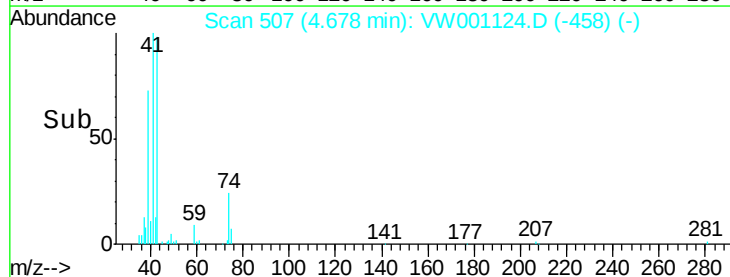
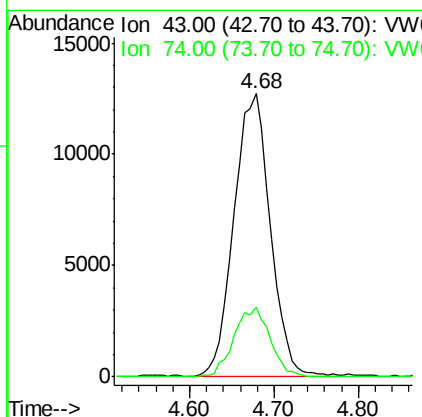
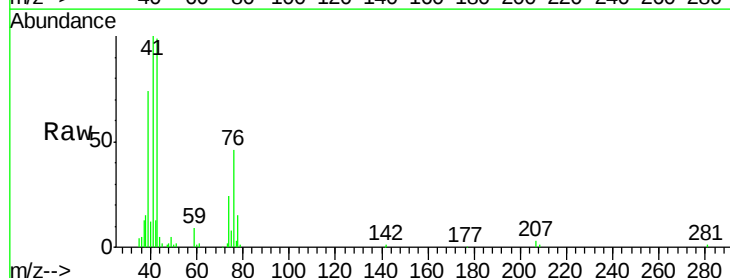
Manual Integrations
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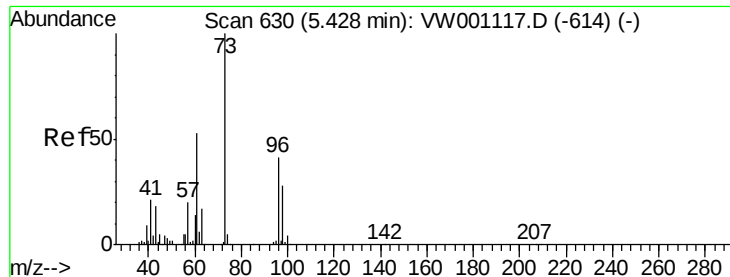
sam
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#18
Methyl Acetate
Concen: 22.75 ug/l
RT: 4.68 min Scan# 507
Delta R.T. 0.00 min
Lab File: VW001124.D
Acq: 29 Jan 2018 17:56

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.3	20.2	30.2





#19

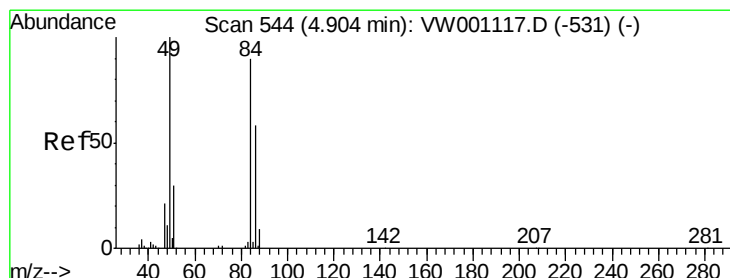
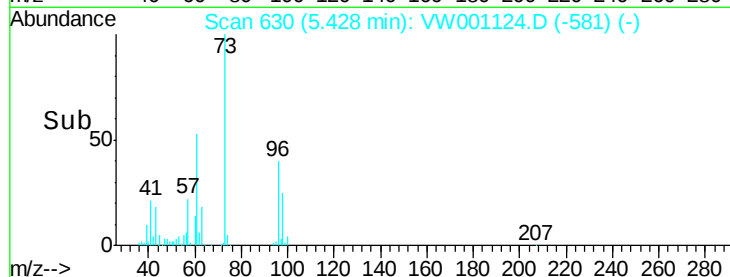
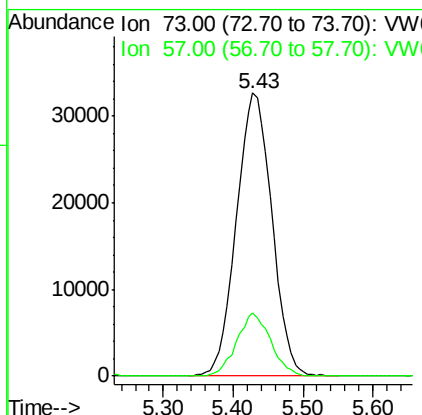
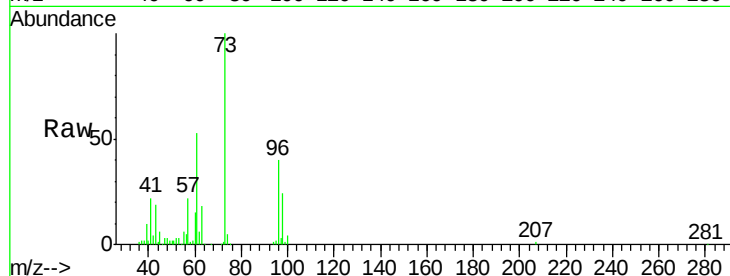
Methyl tert-butyl Ether
 Concen: 20.59 ug/l
 RT: 5.43 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: VW001124.D
 Acq: 29 Jan 2018 17:56

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0129SBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.4	16.1	24.1

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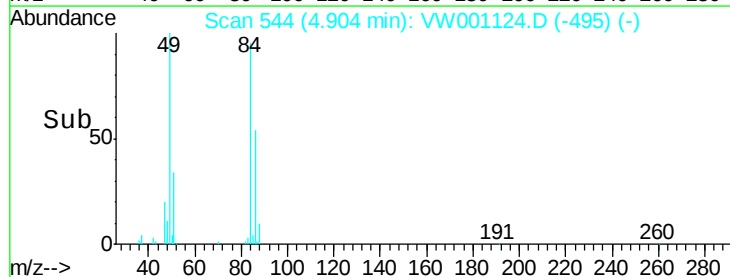
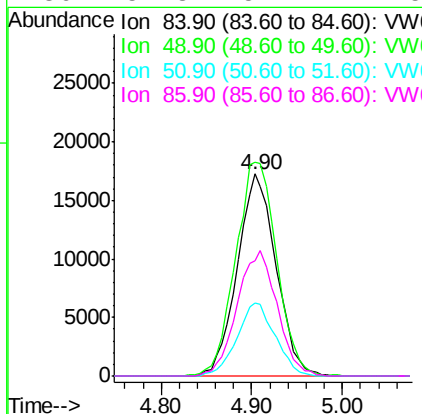
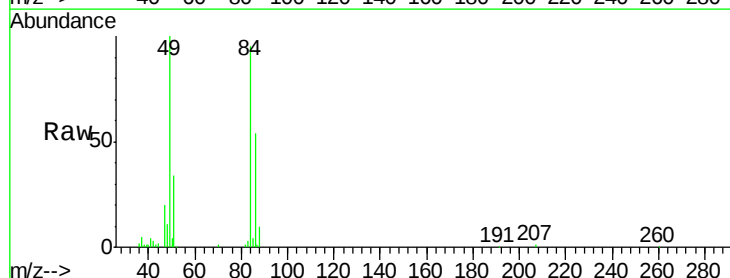
sam
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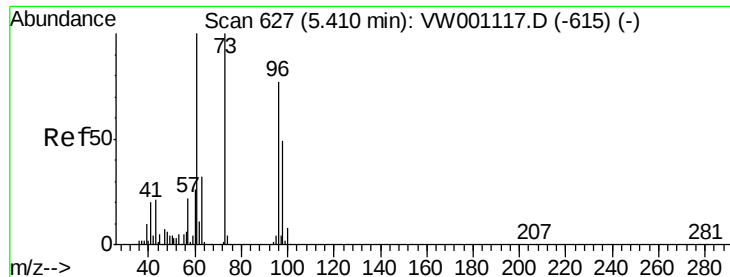


#20

Methylene Chloride
 Concen: 20.84 ug/l
 RT: 4.90 min Scan# 544
 Delta R.T. 0.00 min
 Lab File: VW001124.D
 Acq: 29 Jan 2018 17:56

Tgt Ion	Ratio	Lower	Upper
84	100		
49	105.4	89.2	133.8
51	35.9	26.7	40.1
86	57.3	51.7	77.5





#21

trans-1,2-Dichloroethene

Concen: 20.20 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.01 min

Lab File: VW001124.D

Acq: 29 Jan 2018 17:56

Instrument :

MSVOA_W

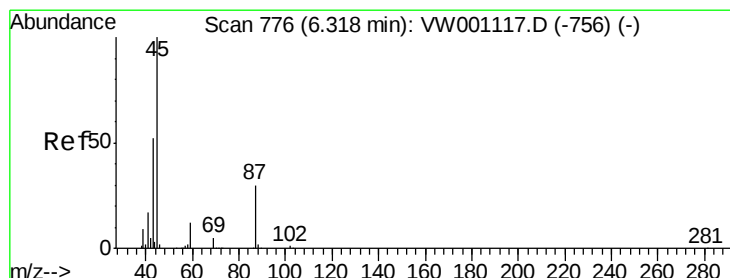
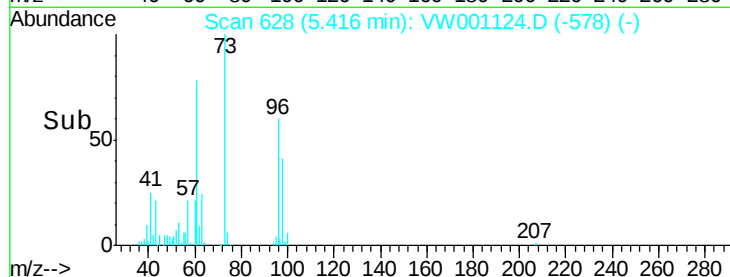
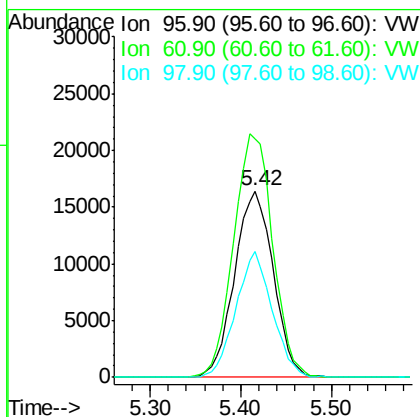
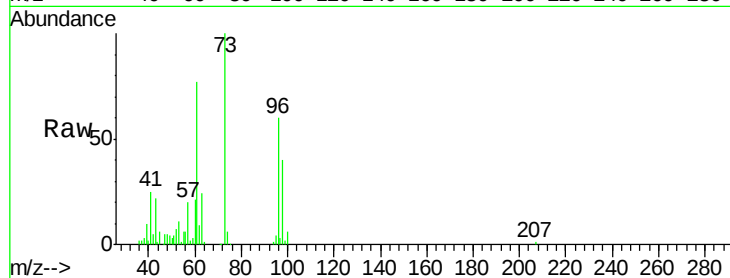
ClientSampleId :

VW0129SBS01

Tot Ion:	96	Resp:	48709
Ion	Ratio	Lower	Upper
96	100		
61	128.3	104.6	156.8
98	67.3	50.8	76.2

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#22

Diisopropyl ether

Concen: 20.77 ug/l

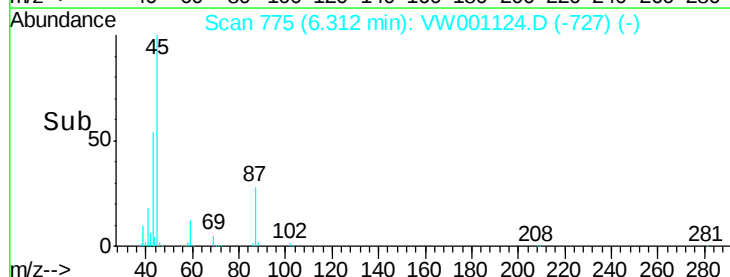
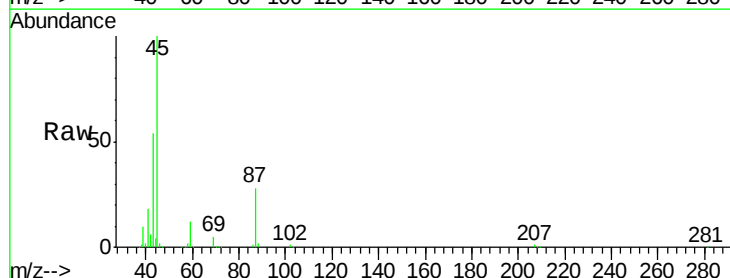
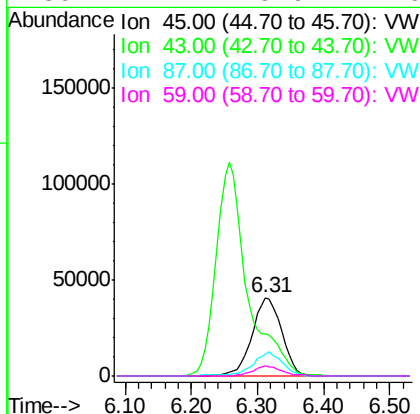
RT: 6.31 min Scan# 775

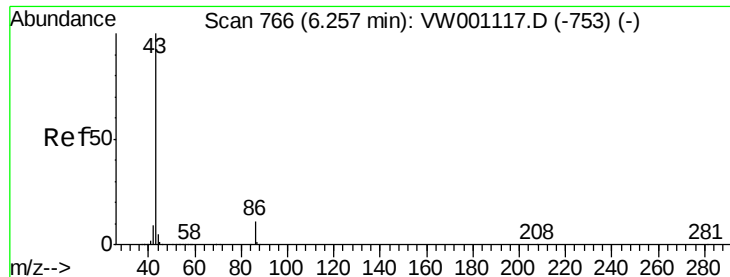
Delta R.T. -0.01 min

Lab File: VW001124.D

Acq: 29 Jan 2018 17:56

Tgt Ion:	45	Resp:	128384
Ion	Ratio	Lower	Upper
45	100		
43	53.4	41.6	62.4
87	28.5	24.5	36.7
59	12.1	9.9	14.9





#23

Vinyl Acetate

Concen: 98.58 ug/l

RT: 6.26 min Scan# 766

Delta R.T. 0.00 min

Lab File: VW001124.D

Acq: 29 Jan 2018 17:56

Instrument :

MSVOA_W

ClientSampleId :

VW0129SBS01

Tot Ion: 43 Resp: 364988

Ion Ratio Lower Upper

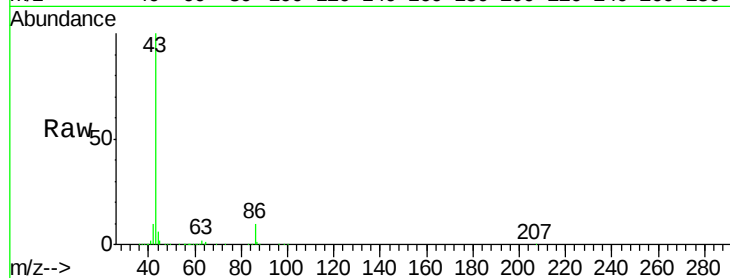
43 100

86 10.3 9.0 13.6

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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

120000

100000

80000

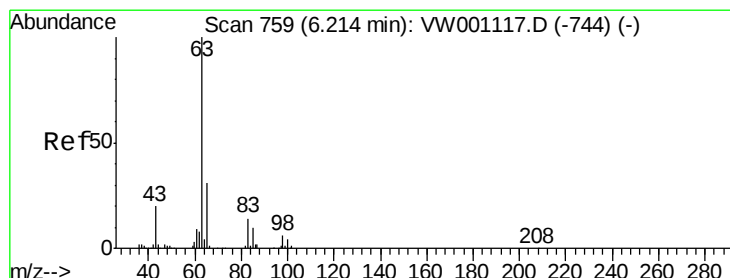
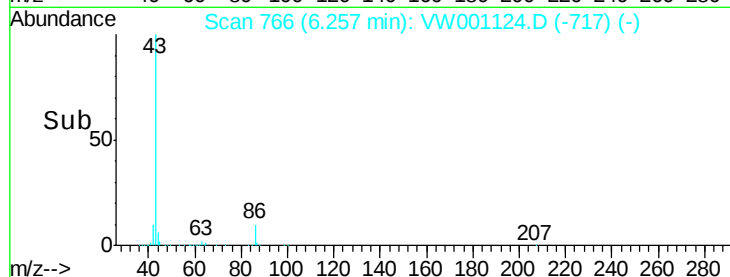
60000

40000

20000

0

Time-->



#24

1,1-Dichloroethane

Concen: 20.23 ug/l

RT: 6.21 min Scan# 759

Delta R.T. 0.00 min

Lab File: VW001124.D

Acq: 29 Jan 2018 17:56

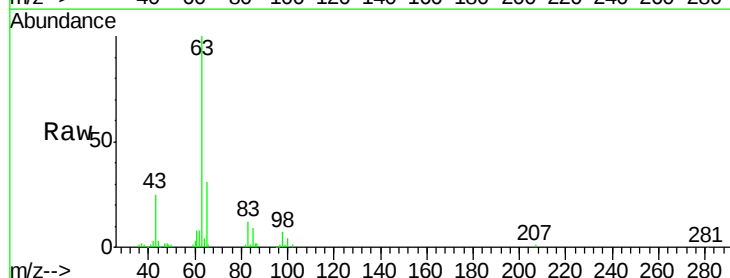
Tgt Ion: 63 Resp: 81595

Ion Ratio Lower Upper

63 100

98 7.2 3.0 9.2

100 4.5 2.1 6.3



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

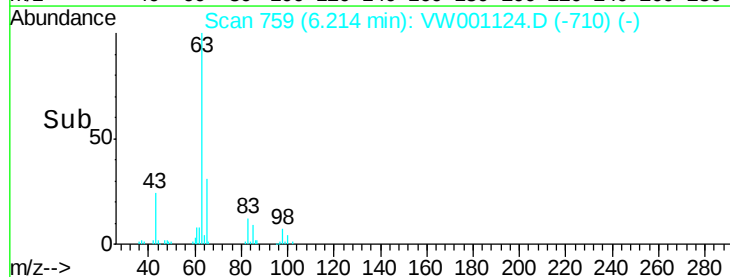
30000

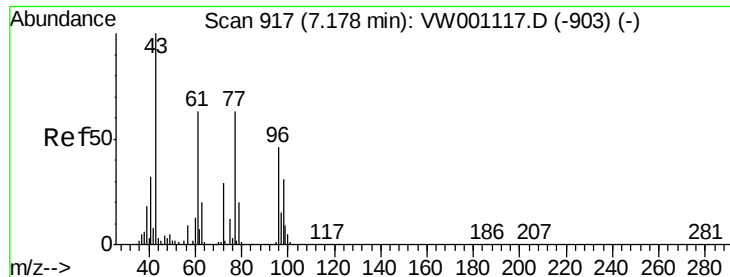
20000

10000

0

Time-->





#25

2-Butanone

Concen: 113.88 ug/l

RT: 7.18 min Scan# 917

Delta R.T. 0.00 min

Lab File: VW001124.D

Acq: 29 Jan 2018 17:56

Instrument :

MSVOA_W

ClientSampleId :

VW0129SBS01

Tot Ion: 43 Resp: 103653

Ion Ratio Lower Upper

43 100

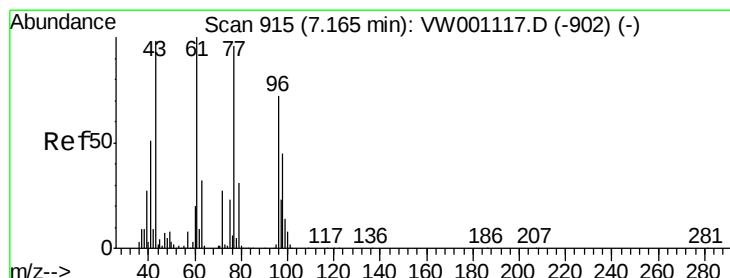
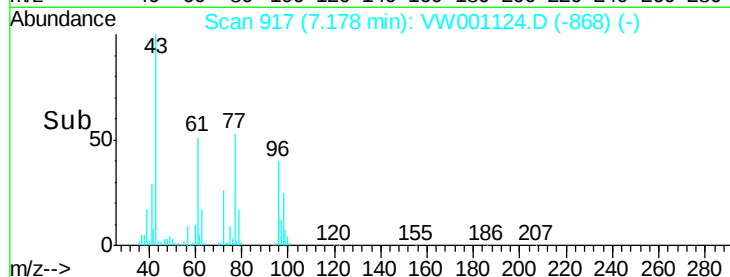
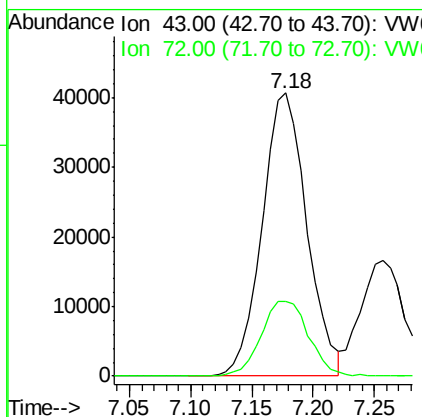
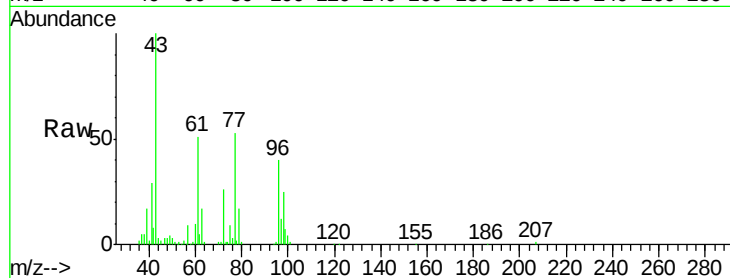
72 26.3 22.8 34.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 19.99 ug/l

RT: 7.17 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW001124.D

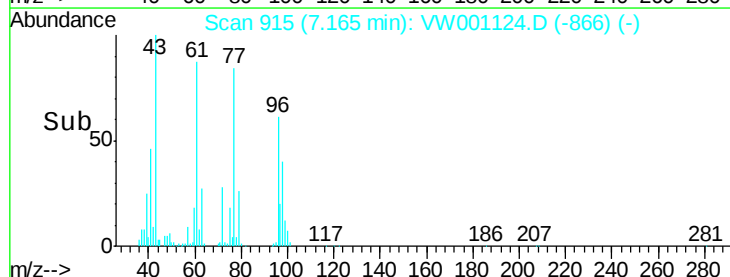
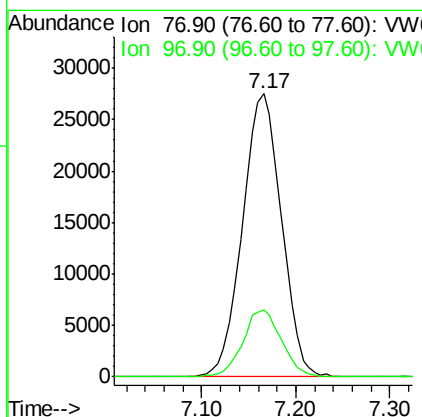
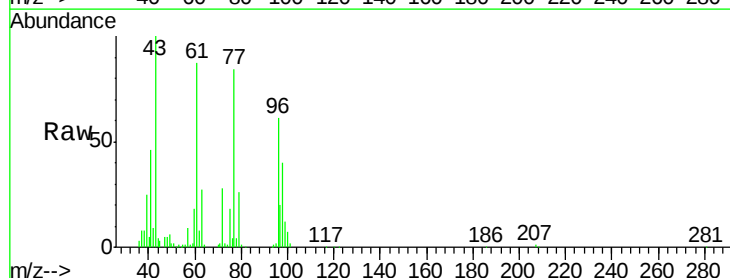
Acq: 29 Jan 2018 17:56

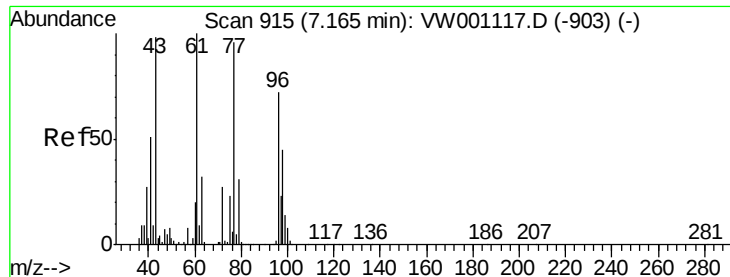
Tgt Ion: 77 Resp: 79745

Ion Ratio Lower Upper

77 100

97 23.4 11.6 34.7





#27

cis-1,2-Dichloroethene

Concen: 20.12 ug/l

RT: 7.17 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW001124.D

Acq: 29 Jan 2018 17:56

Instrument :

MSVOA_W

ClientSampleId :

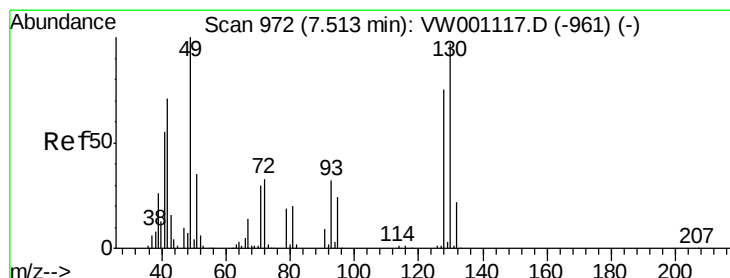
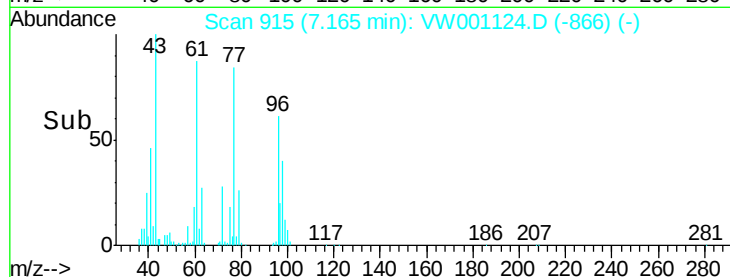
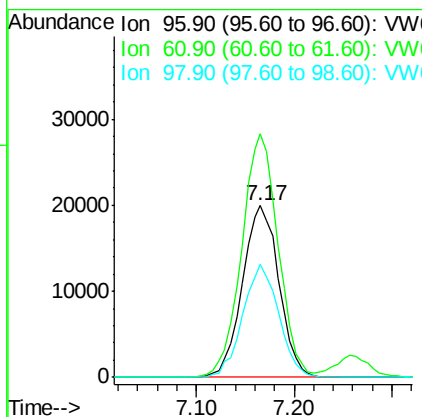
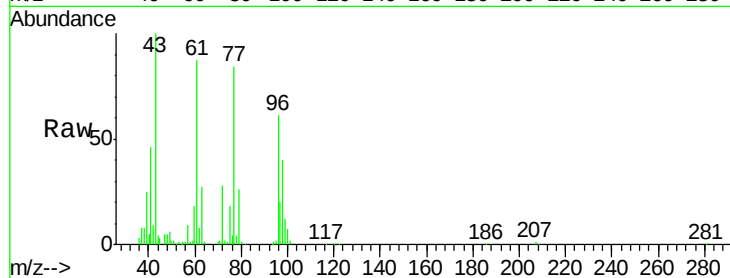
VW0129SBS01

Tot Ion:	96	Resp:	51737
Ion	Ratio	Lower	Upper
96	100		
61	141.4	0.0	280.4
98	64.8	0.0	129.6

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#28

Bromochloromethane

Concen: 20.28 ug/l

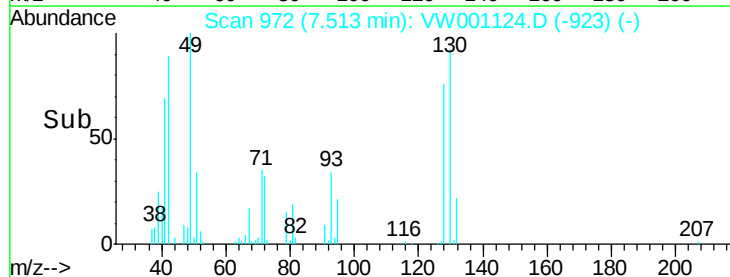
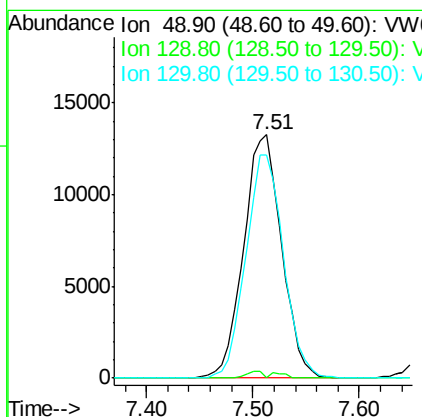
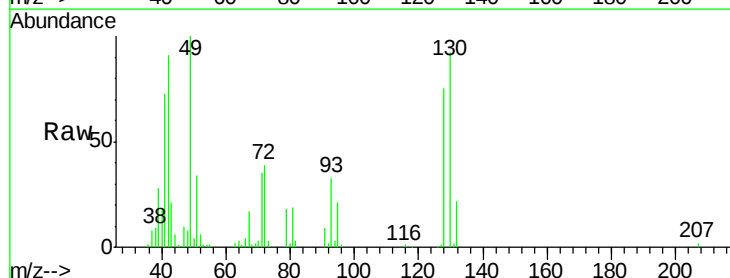
RT: 7.51 min Scan# 972

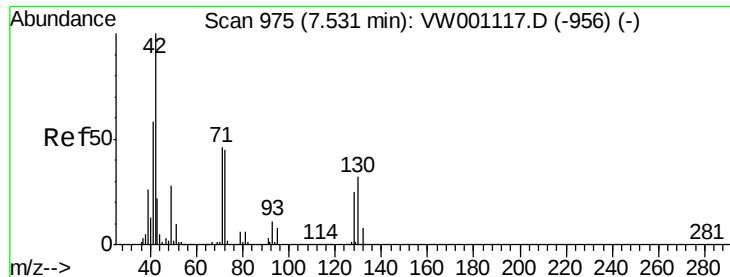
Delta R.T. 0.00 min

Lab File: VW001124.D

Acq: 29 Jan 2018 17:56

Tgt Ion:	49	Resp:	33236
Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	2.6
130	91.0	75.5	113.3





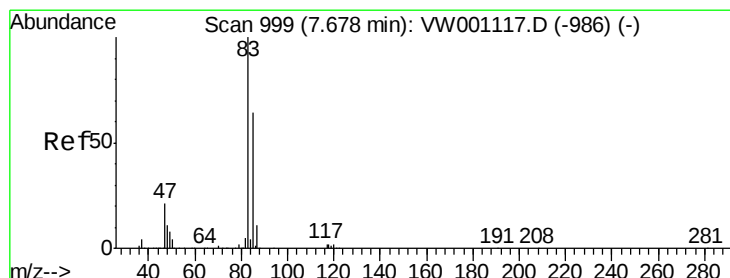
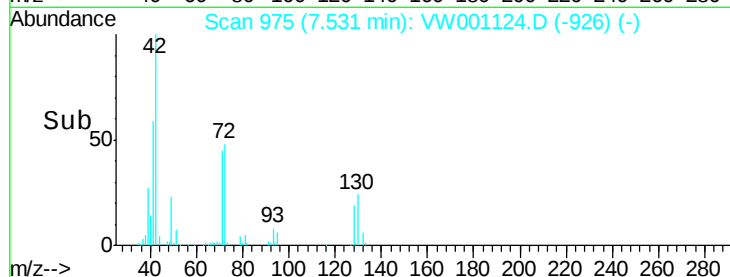
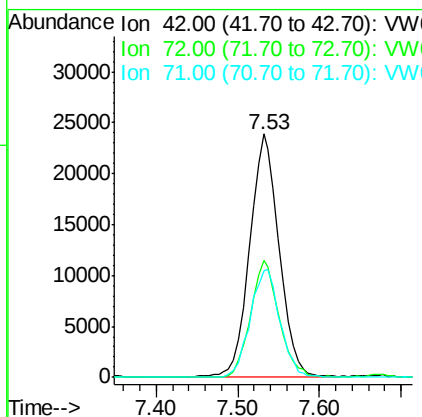
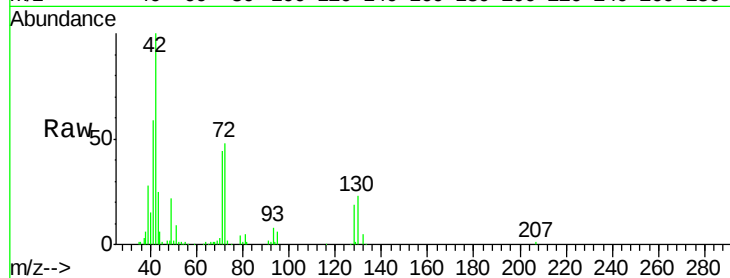
#29
Tetrahydrofuran
Concen: 116.04 ug/l
RT: 7.53 min Scan# 975
Delta R.T. 0.00 min
Lab File: VW001124.D
Acq: 29 Jan 2018 17:56

Instrument :
MSVOA_W
ClientSampleId :
VW0129SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.5	36.8	55.2
71	44.8	35.1	52.7

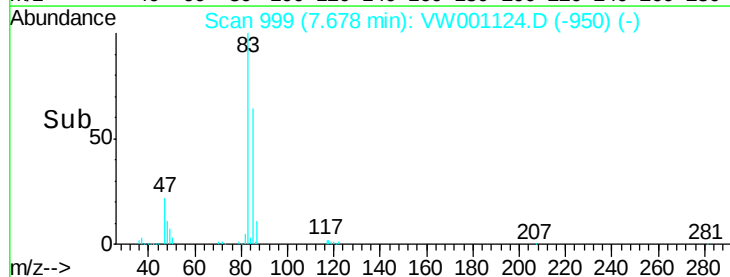
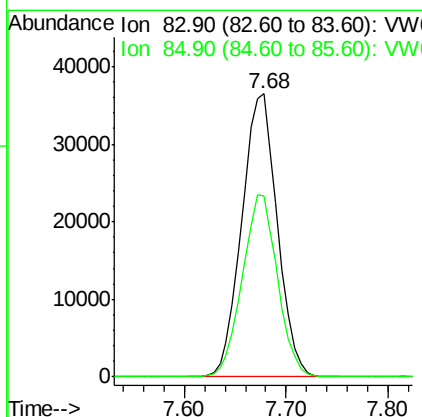
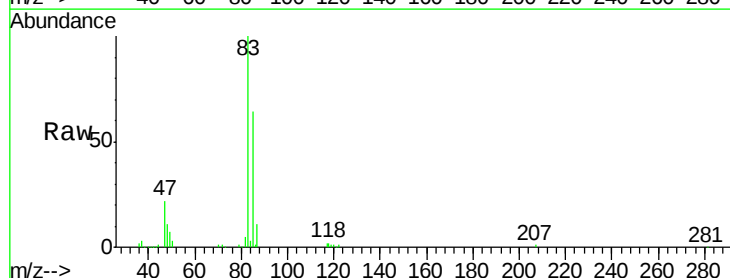
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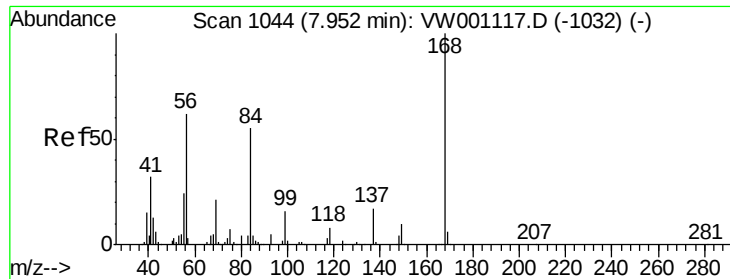
sam
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#30
Chloroform
Concen: 20.22 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW001124.D
Acq: 29 Jan 2018 17:56

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.9	51.4	77.2





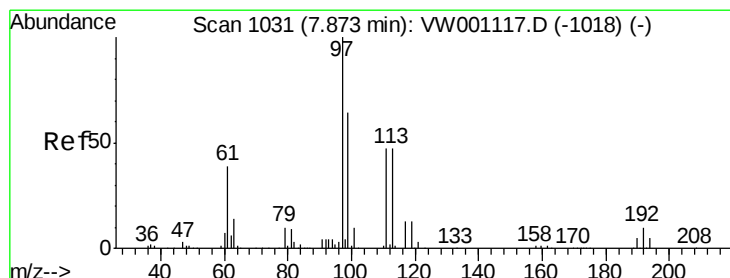
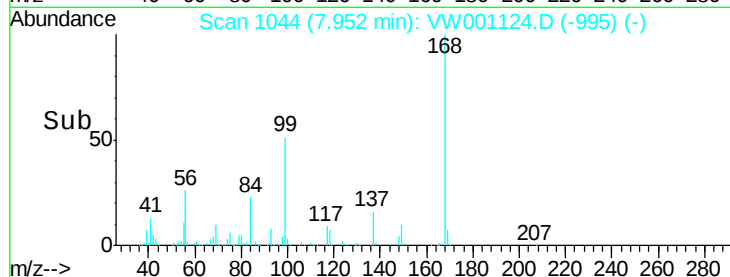
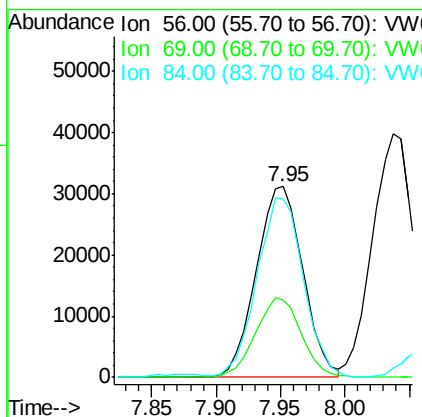
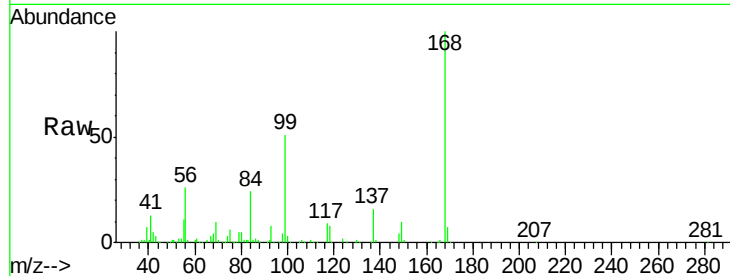
#31
Cyclohexane
Concen: 20.01 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. 0.00 min
Lab File: VW001124.D
Acq: 29 Jan 2018 17:56

Instrument :
MSVOA_W
ClientSampleId :
VW0129SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	40.7	27.4	41.0
84	91.7	71.1	106.7

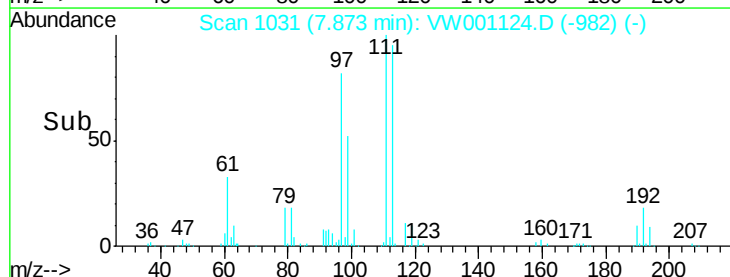
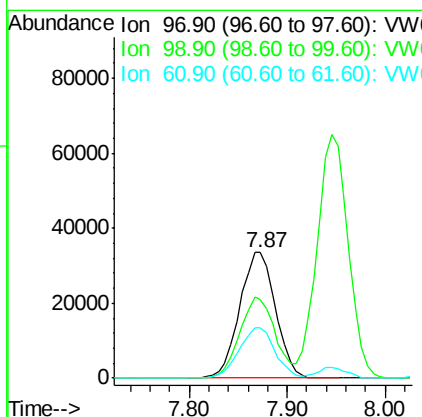
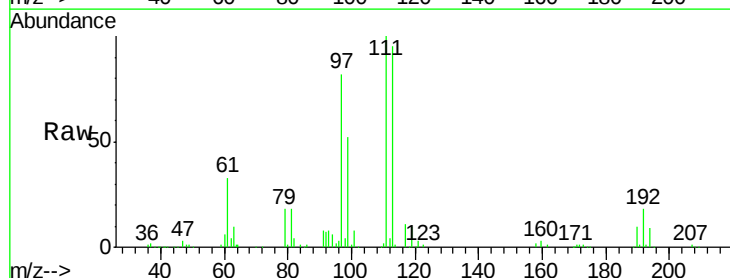
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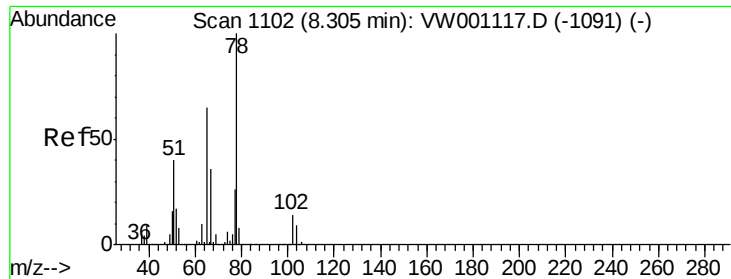
sam
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#32
1,1,1-Trichloroethane
Concen: 20.56 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VW001124.D
Acq: 29 Jan 2018 17:56

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.2	51.4	77.2
61	40.1	32.4	48.6





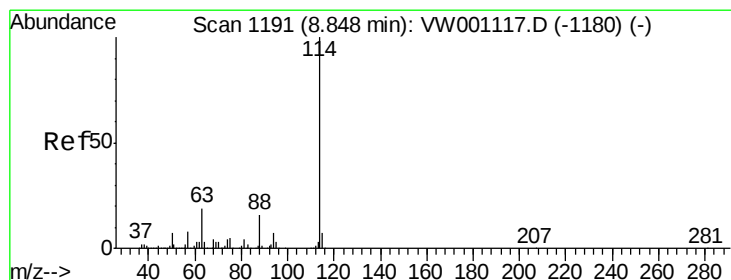
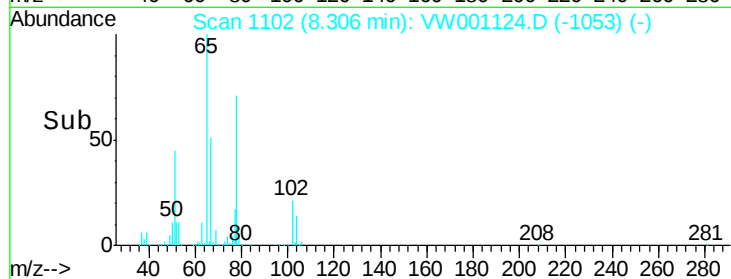
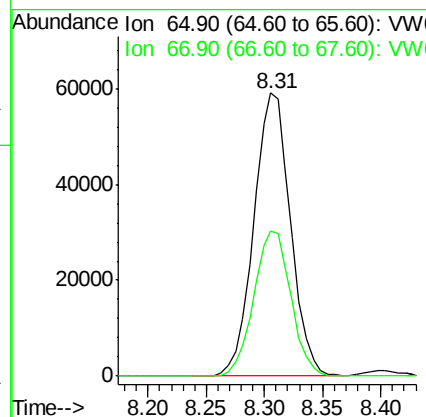
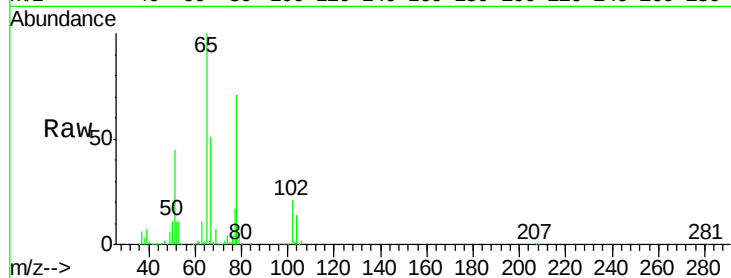
#33
 1,2-Dichloroethane-d4
 Concen: 48.98 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: VW001124.D
 Acq: 29 Jan 2018 17:56

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0129SBS01

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

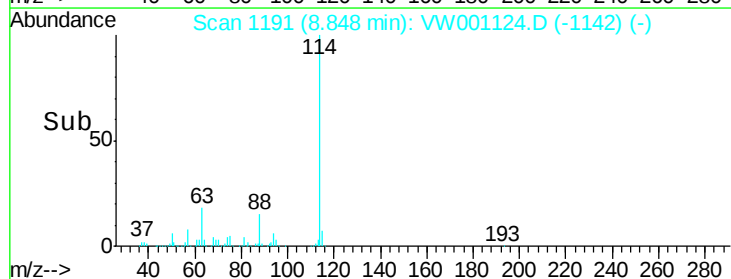
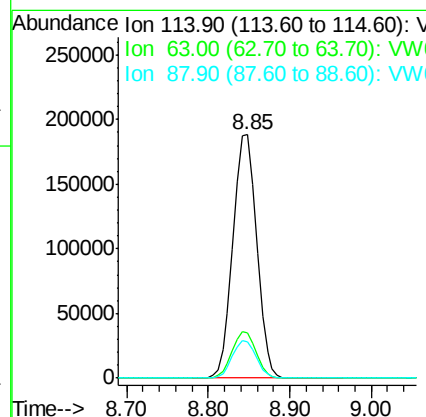
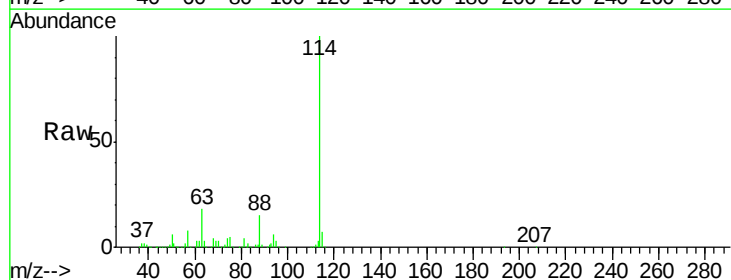
Manual Integrations
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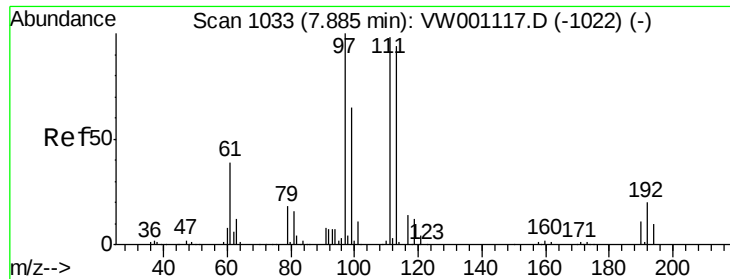
sam
 1/30/2018 5:58:48 PM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW001124.D
 Acq: 29 Jan 2018 17:56

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	18.5	0.0	38.2	
88	14.7	0.0	31.0	





#35

Dibromofluoromethane

Concen: 47.64 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. 0.00 min

Lab File: VW001124.D

Acq: 29 Jan 2018 17:56

Instrument :

MSVOA_W

ClientSampleId :

VW0129SBS01

Tot Ion:113 Resp: 115242

Ion Ratio Lower Upper

113 100

111 103.6 83.1 124.7

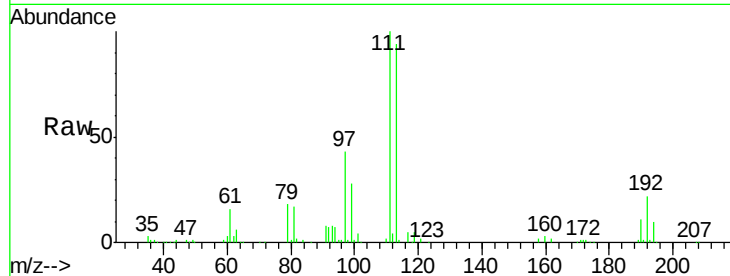
192 21.5 17.8 26.6

Manual Integrations

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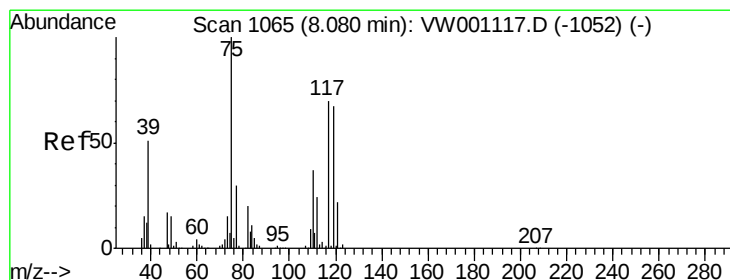
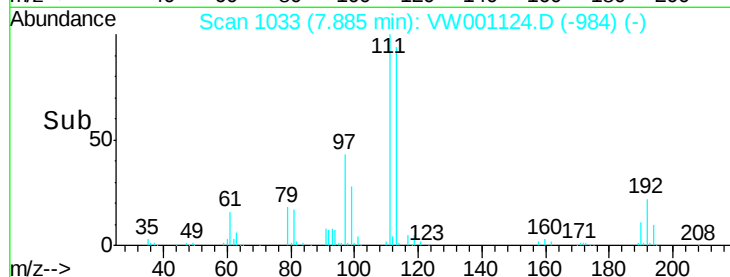
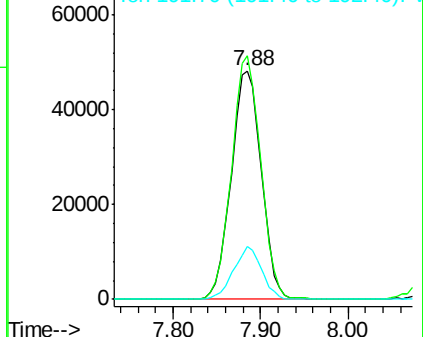
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Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 20.36 ug/l

RT: 8.08 min Scan# 1065

Delta R.T. 0.00 min

Lab File: VW001124.D

Acq: 29 Jan 2018 17:56

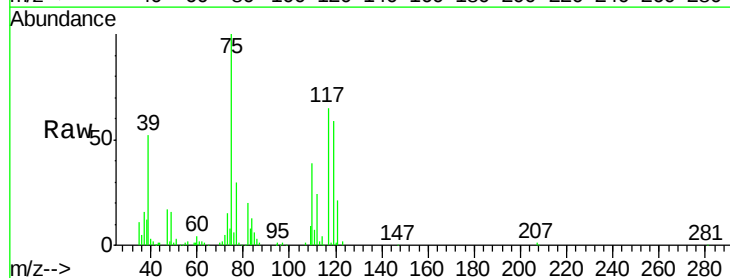
Tgt Ion: 75 Resp: 69514

Ion Ratio Lower Upper

75 100

110 37.1 18.7 56.1

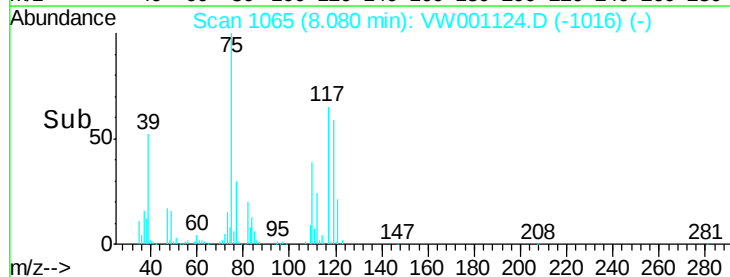
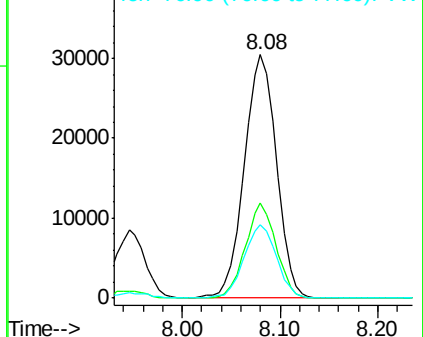
77 30.6 24.6 37.0

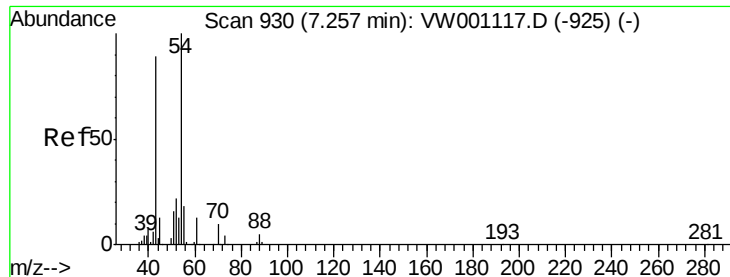


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





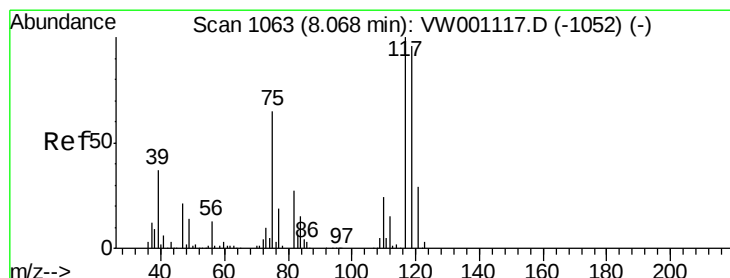
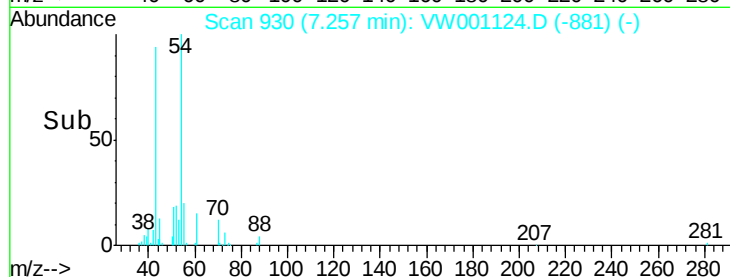
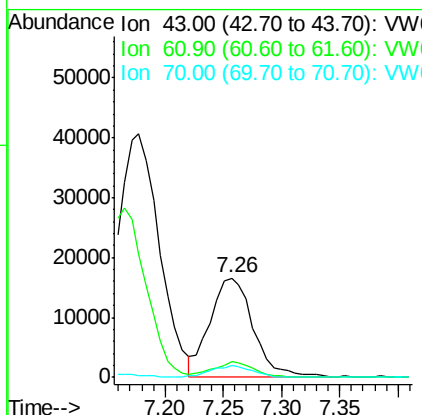
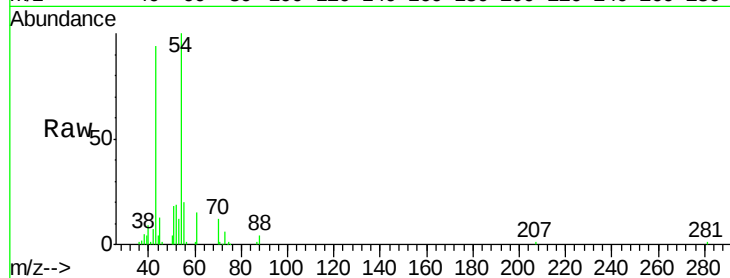
#37
Ethyl Acetate
Concen: 23.39 ug/l
RT: 7.26 min Scan# 930
Delta R.T. 0.00 min
Lab File: VW001124.D
Acq: 29 Jan 2018 17:56

Instrument :
MSVOA_W
ClientSampleId :
VW0129SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.7	11.9	17.9
70	11.6	9.4	14.0

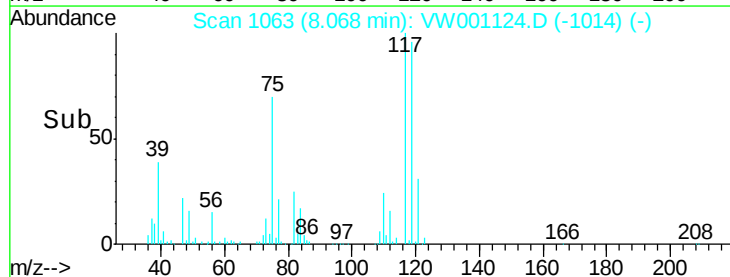
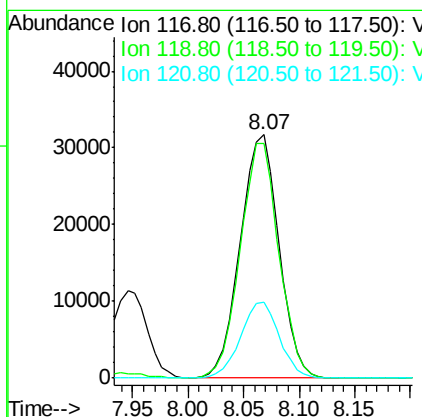
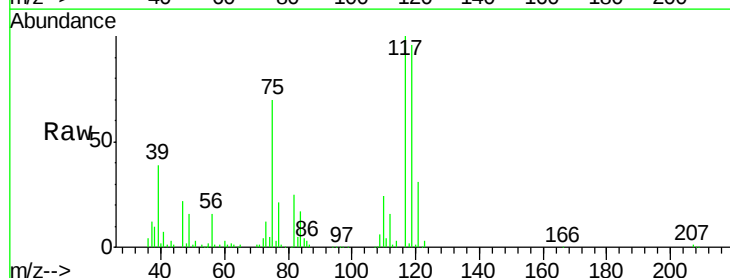
Manual Integrations
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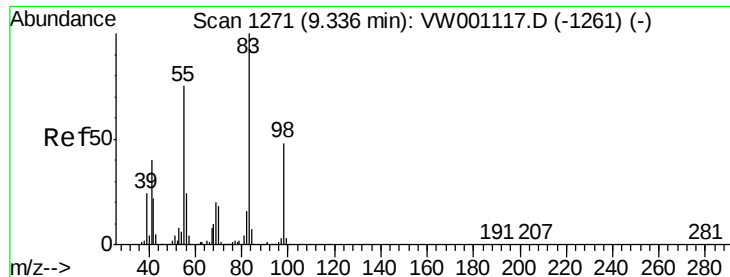
sam
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#38
Carbon Tetrachloride
Concen: 20.08 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW001124.D
Acq: 29 Jan 2018 17:56

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.4	77.0	115.4
121	31.1	23.5	35.3





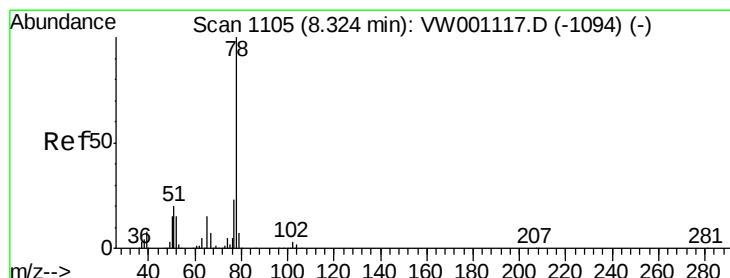
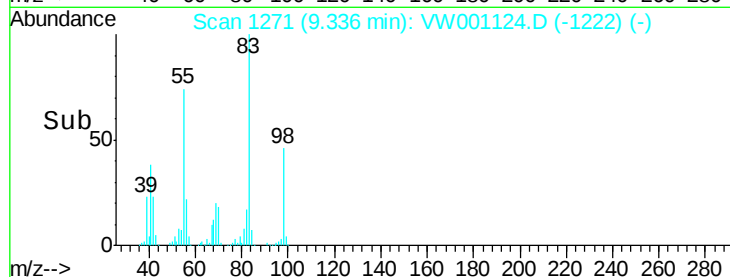
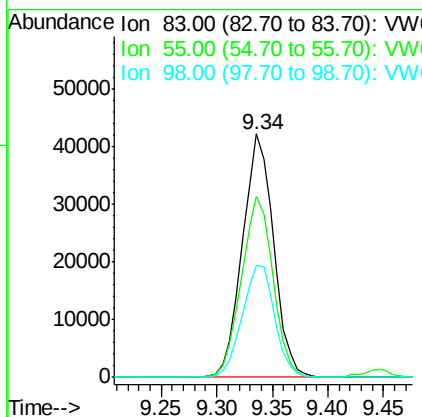
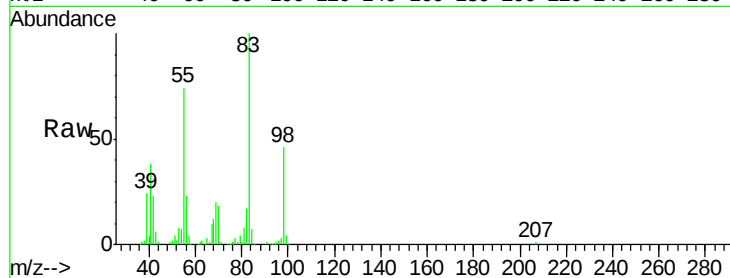
#39
Methvlcvclohexane
Concen: 20.40 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VW001124.D
Acq: 29 Jan 2018 17:56

Instrument :
MSVOA_W
ClientSampleId :
VW0129SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.2	59.7	89.5
98	45.7	38.0	57.0

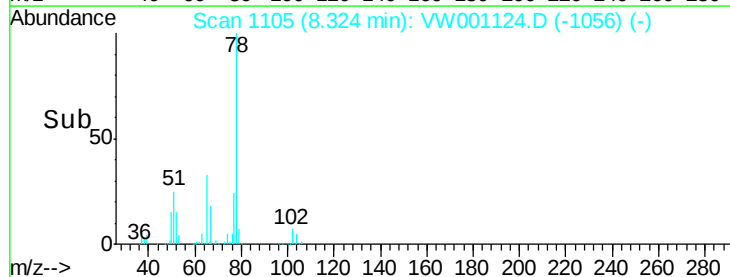
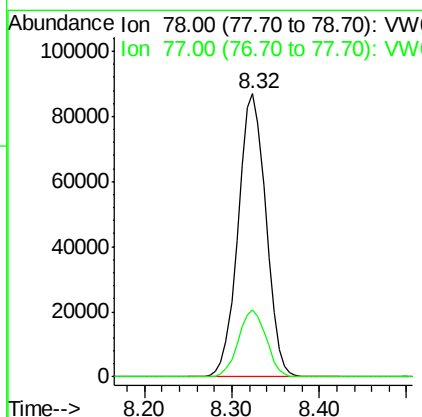
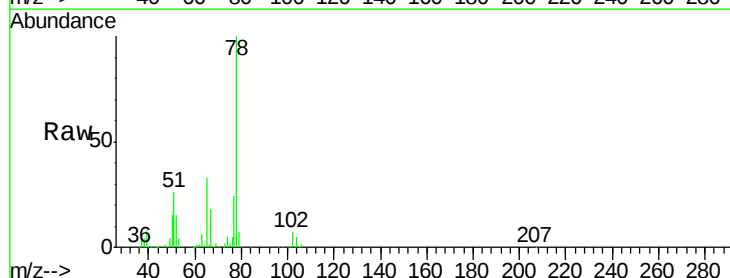
Manual Integrations
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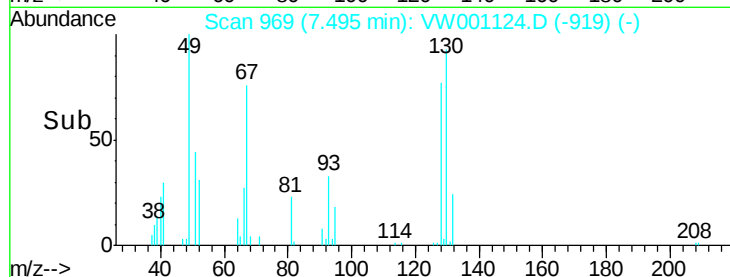
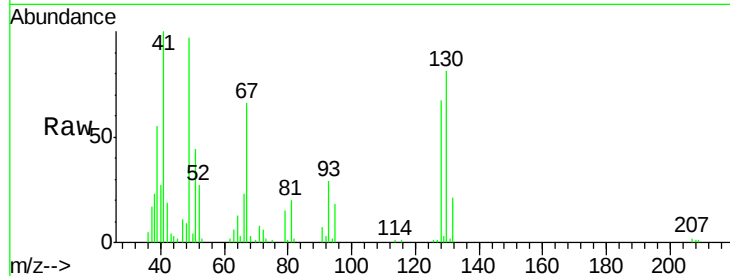
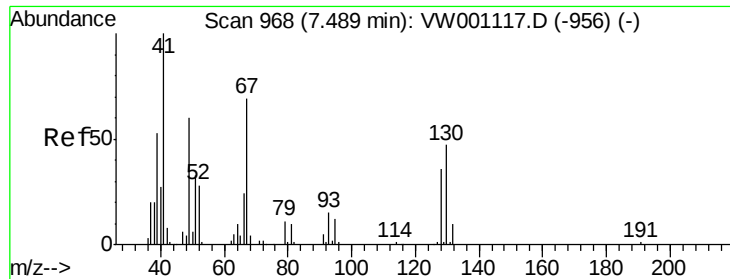
sam
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#40
Benzene
Concen: 20.28 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VW001124.D
Acq: 29 Jan 2018 17:56

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.6	28.0





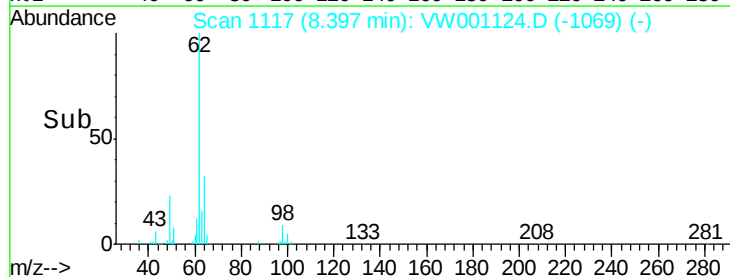
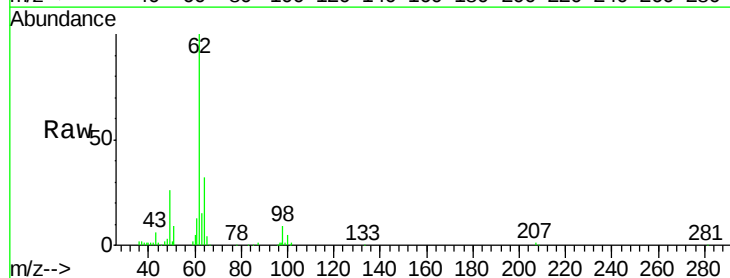
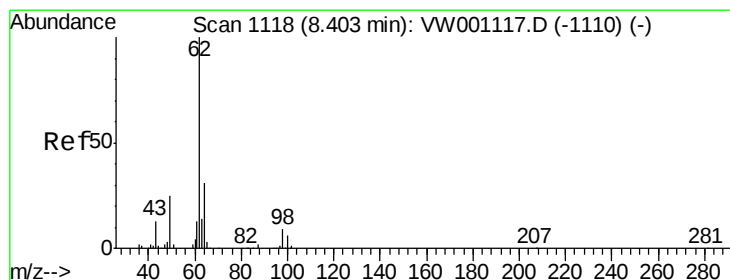
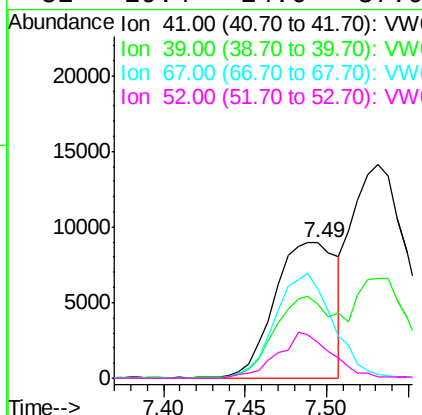
#41
Methacrylonitrile
Concen: 23.80 ug/l
RT: 7.49 min Scan# 969
Delta R.T. 0.01 min
Lab File: VW001124.D
Acq: 29 Jan 2018 17:56

Tot Ion	41	Resp	23831
Ion Ratio	Lower	Upper	
41	100		
39	62.6	48.8	73.2
67	71.8	59.6	89.4
52	29.4	24.6	37.0

Instrument :
MSVOA_W
ClientSampleId :
VW0129SBS01

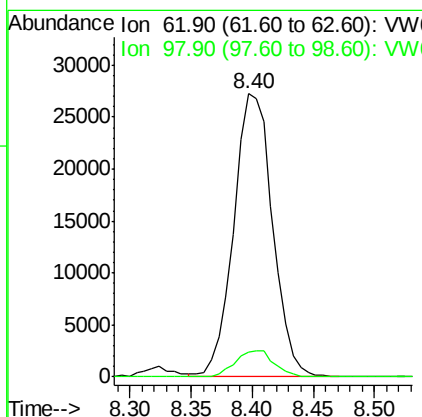
Manual Integrations
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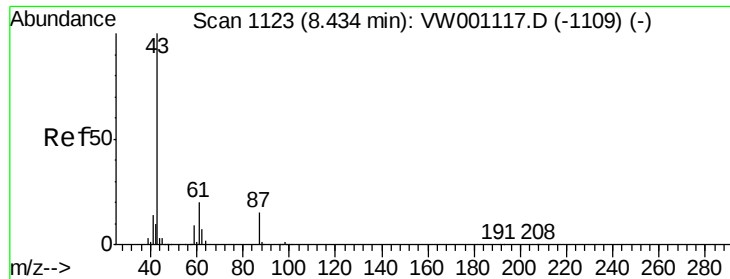
sam
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#42
1,2-Dichloroethane
Concen: 20.18 ug/l
RT: 8.40 min Scan# 1117
Delta R.T. -0.01 min
Lab File: VW001124.D
Acq: 29 Jan 2018 17:56

Tgt Ion	62	Resp	59986
Ion Ratio	Lower	Upper	
62	100		
98	9.2	0.0	18.8





#43

Isopropyl Acetate

Concen: 21.77 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VW001124.D

Acq: 29 Jan 2018 17:56

Instrument :

MSVOA_W

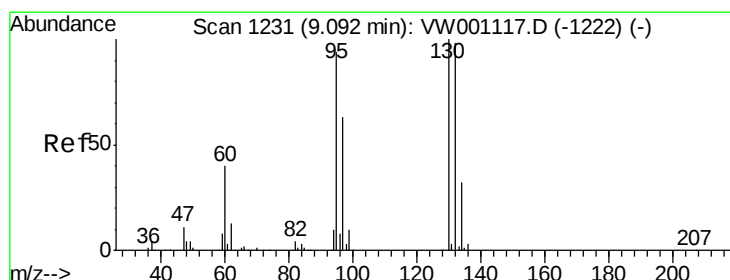
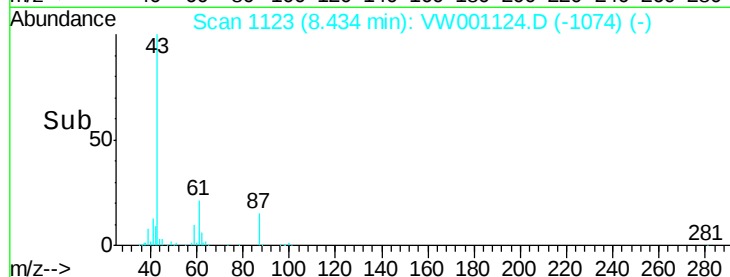
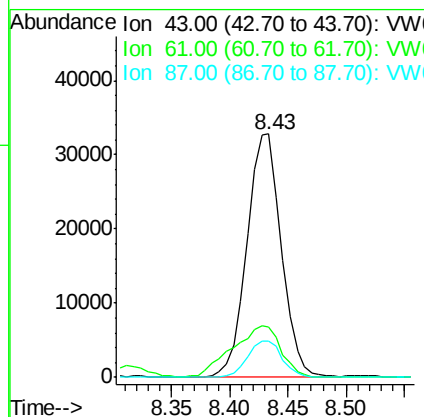
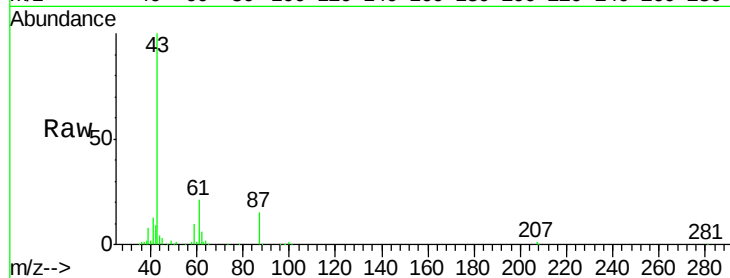
ClientSampleId :

VW0129SBS01

Tot Ion:	43	Resp:	67609
Ion	Ratio	Lower	Upper
43	100		
61	30.0	23.9	35.9
87	15.1	12.0	18.0

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#44

Trichloroethene

Concen: 20.35 ug/l

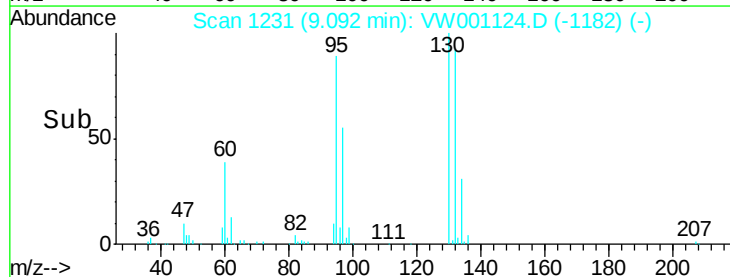
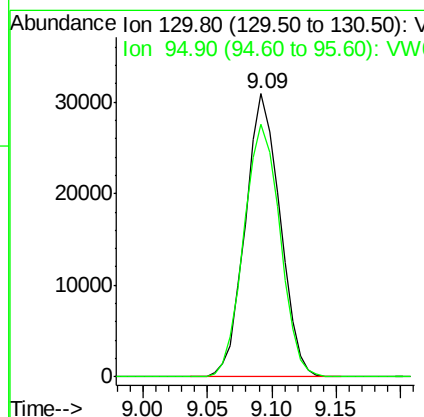
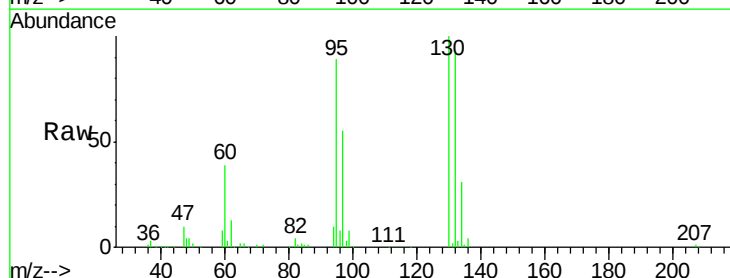
RT: 9.09 min Scan# 1231

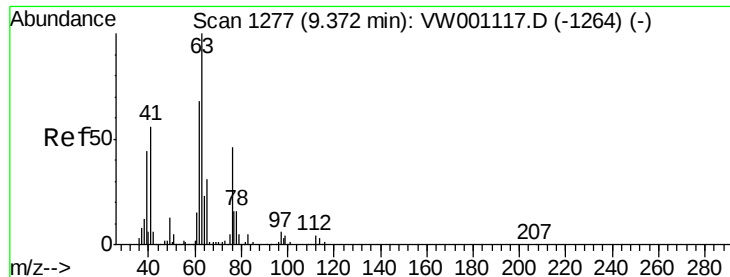
Delta R.T. 0.00 min

Lab File: VW001124.D

Acq: 29 Jan 2018 17:56

Tgt Ion:	130	Resp:	57762
Ion	Ratio	Lower	Upper
130	100		
95	89.5	0.0	189.0





#45

1,2-Dichloropropane

Concen: 20.35 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VW001124.D

Acq: 29 Jan 2018 17:56

Instrument :

MSVOA_W

ClientSampled :

VW0129SBS01

Tot Ion: 63 Resp: 46328

Ion Ratio Lower Upper

63 100

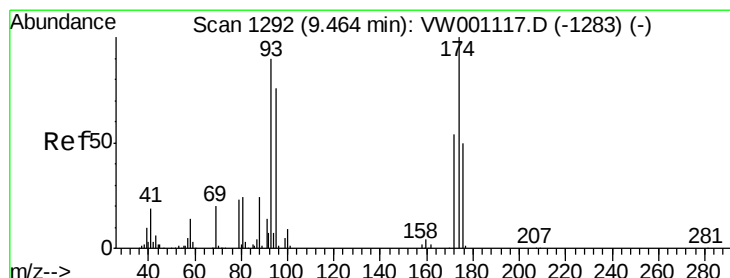
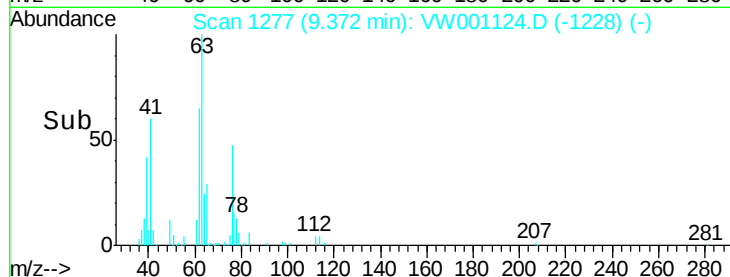
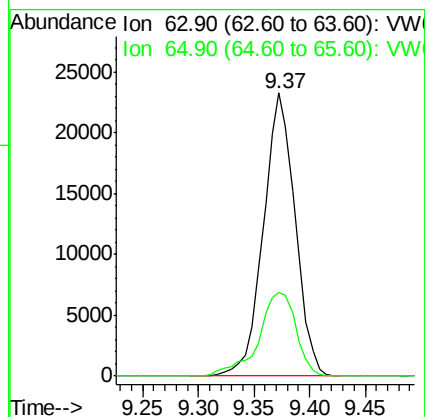
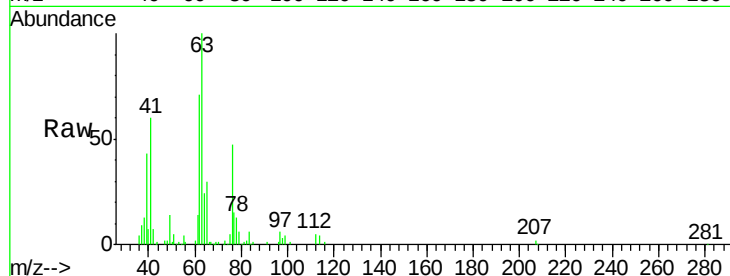
65 29.5 25.0 37.4

Manual Integrations

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sam

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#46

Dibromomethane

Concen: 19.80 ug/l

RT: 9.46 min Scan# 1292

Delta R.T. 0.00 min

Lab File: VW001124.D

Acq: 29 Jan 2018 17:56

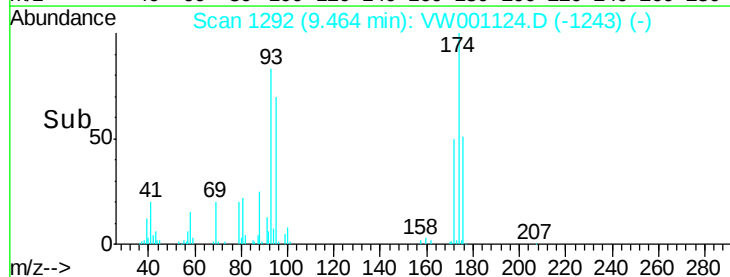
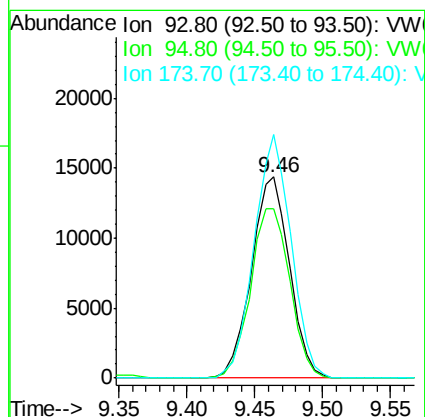
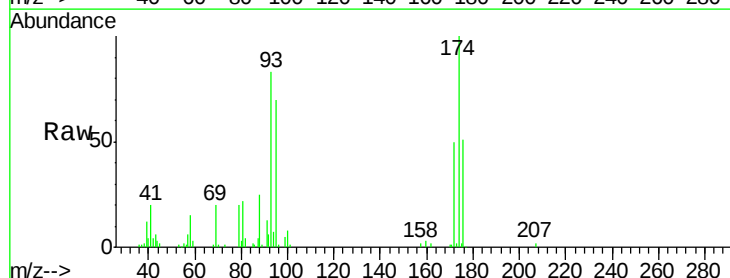
Tgt Ion: 93 Resp: 28192

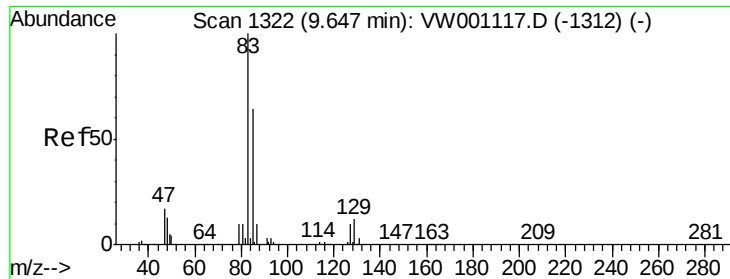
Ion Ratio Lower Upper

93 100

95 87.1 66.5 99.7

174 117.6 89.5 134.3





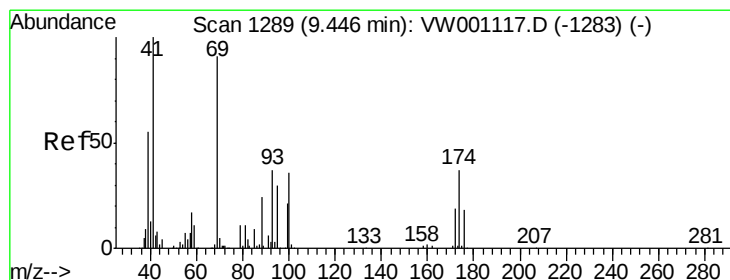
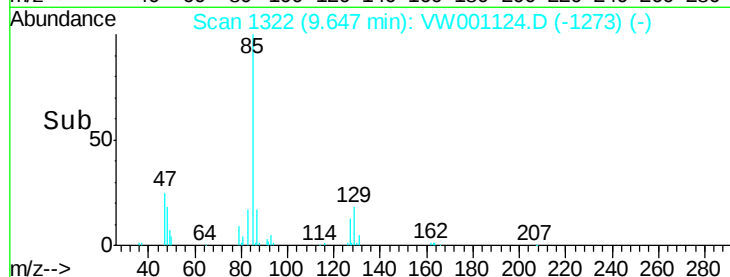
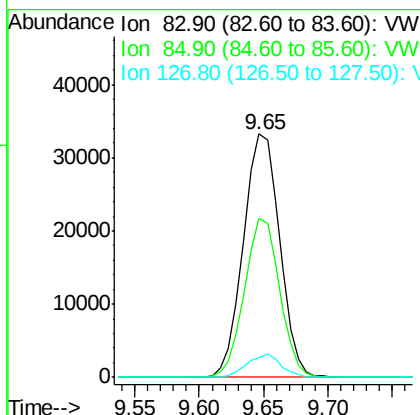
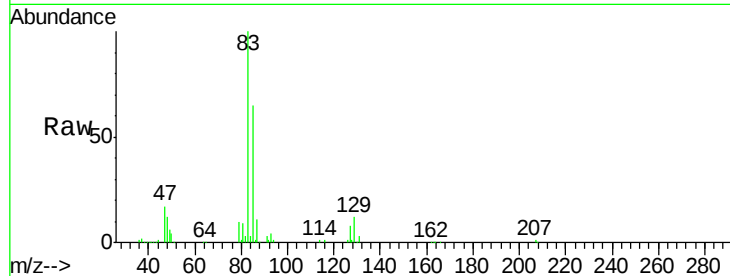
#47
Bromodichloromethane
Concen: 20.13 ug/l
RT: 9.65 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VW001124.D
Acq: 29 Jan 2018 17:56

Instrument :
MSVOA_W
ClientSampleId :
VW0129SBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	64822		
85	65.5	51.5	77.3	
127	8.3	7.6	11.4	

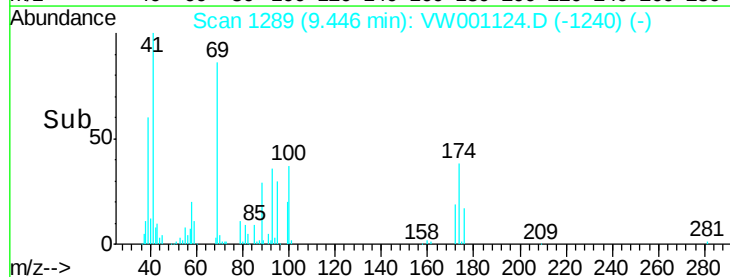
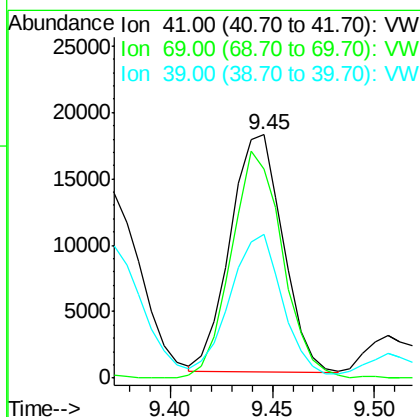
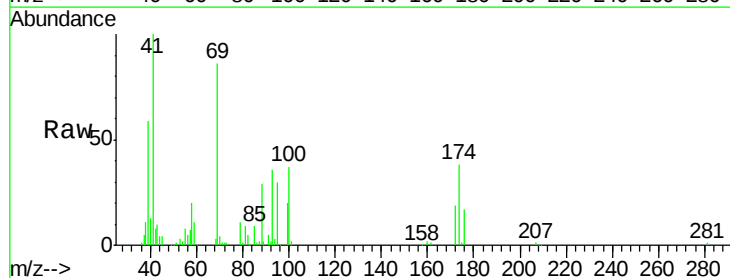
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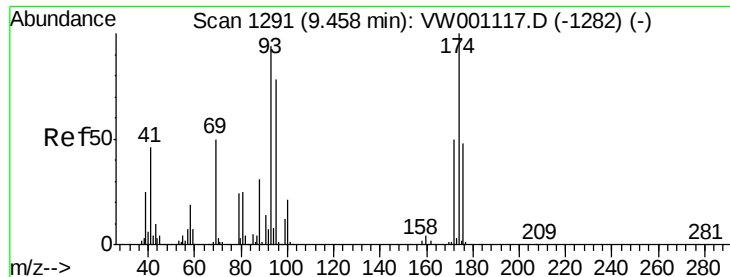
sam
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#48
Methyl methacrylate
Concen: 21.59 ug/l
RT: 9.45 min Scan# 1289
Delta R.T. 0.00 min
Lab File: VW001124.D
Acq: 29 Jan 2018 17:56

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	32044		
69	93.9	74.9	112.3	
39	61.5	47.6	71.4	





#49

1,4-Dioxane

Concen: 481.88 ug/l

RT: 9.45 min Scan# 1290

Delta R.T. -0.01 min

Lab File: VW001124.D

Acq: 29 Jan 2018 17:56

Instrument :

MSVOA_W

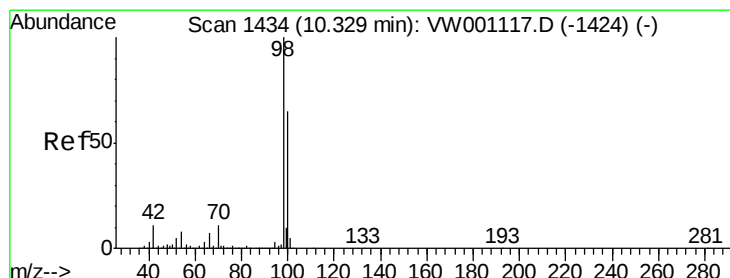
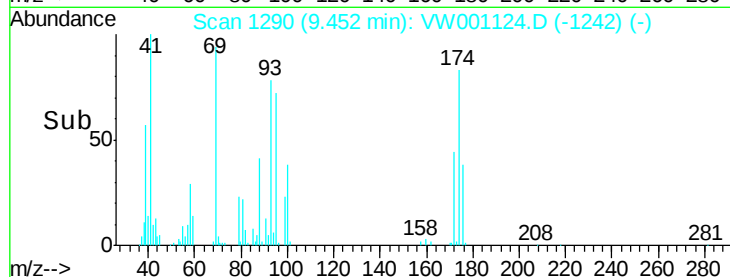
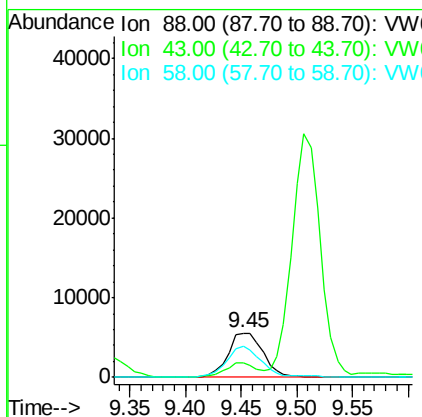
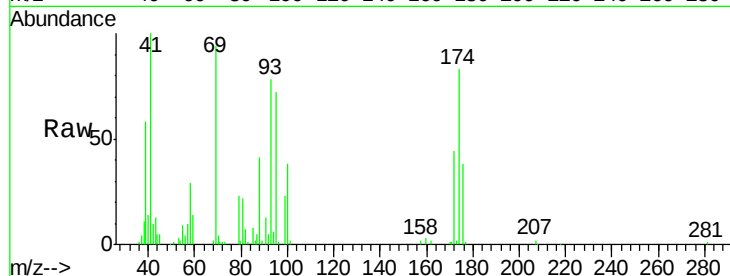
ClientSampleId :

VW0129SBS01

Tot Ion:	88	Resp:	12224
Ion Ratio	Lower	Upper	
88	100		
43	29.8	23.0	34.6
58	70.5	53.9	80.9

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#50

Toluene-d8

Concen: 49.96 ug/l

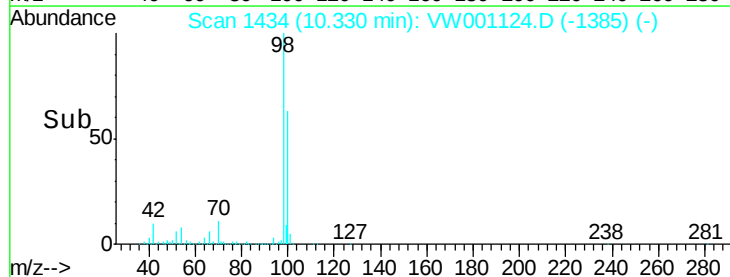
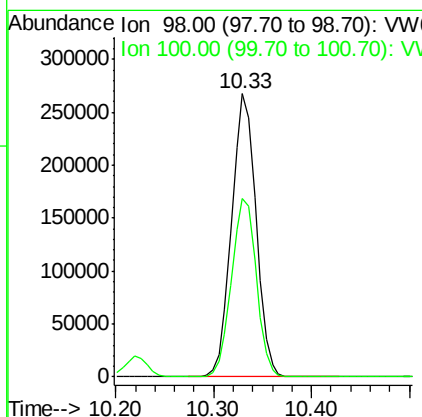
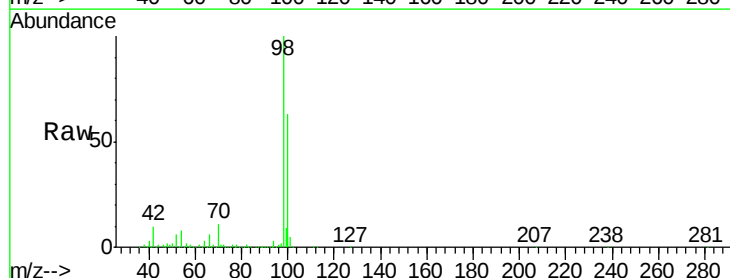
RT: 10.33 min Scan# 1434

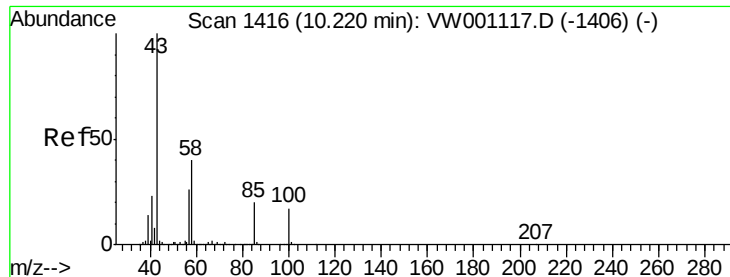
Delta R.T. 0.00 min

Lab File: VW001124.D

Acq: 29 Jan 2018 17:56

Tgt Ion:	98	Resp:	465224
Ion Ratio	Lower	Upper	
98	100		
100	63.9	51.3	76.9





#51

4-Methyl-2-Pentanone

Concen: 116.51 ug/l

RT: 10.22 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VW001124.D

Acq: 29 Jan 2018 17:56

Instrument :

MSVOA_W

ClientSampleId :

VW0129SBS01

Tot Ion: 43 Resp: 197695

Ion Ratio Lower Upper

43 100

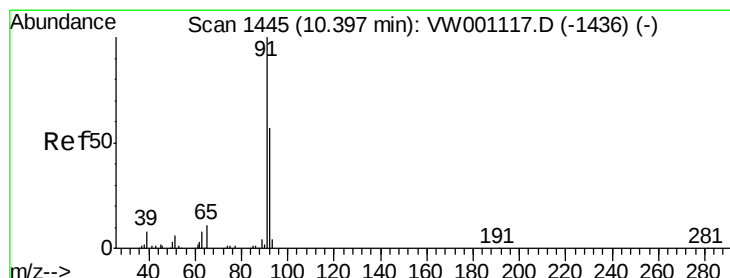
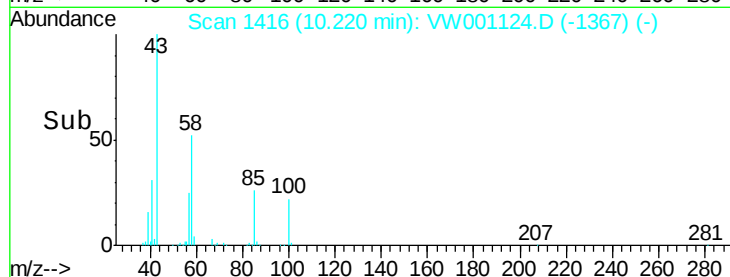
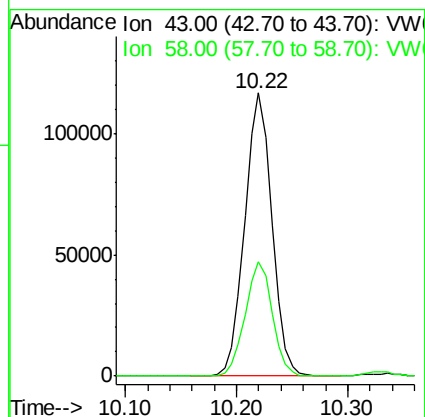
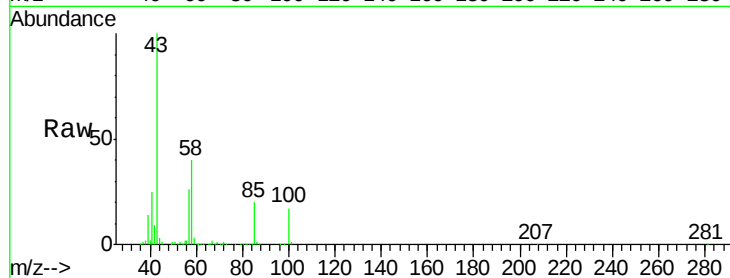
58 40.4 32.1 48.1

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#52

Toluene

Concen: 20.58 ug/l

RT: 10.40 min Scan# 1445

Delta R.T. 0.00 min

Lab File: VW001124.D

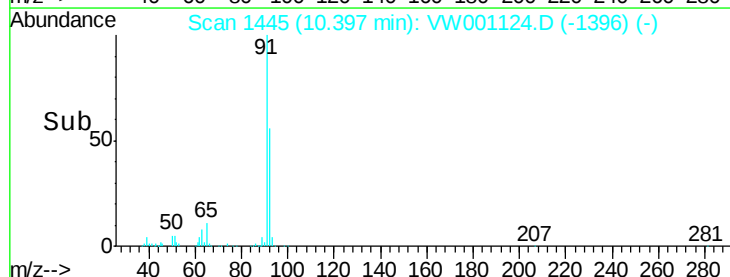
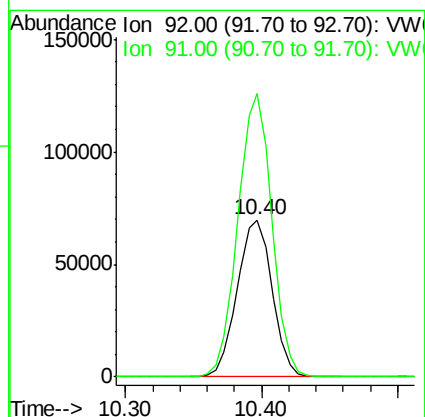
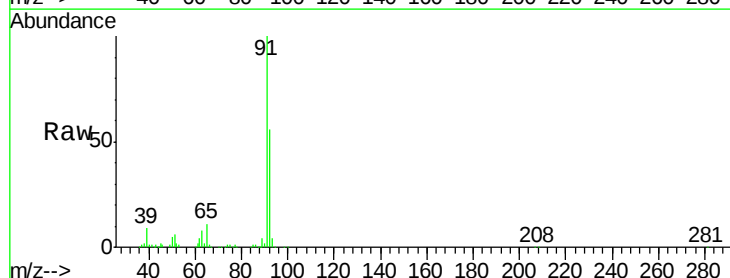
Acq: 29 Jan 2018 17:56

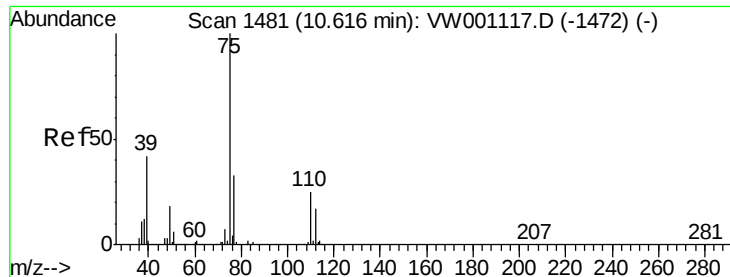
Tgt Ion: 92 Resp: 124905

Ion Ratio Lower Upper

92 100

91 175.7 140.6 211.0





#53

t-1,3-Dichloropropene

Concen: 20.06 ug/l

RT: 10.62 min Scan# 1481

Delta R.T. 0.00 min

Lab File: VW001124.D

Acq: 29 Jan 2018 17:56

Instrument :

MSVOA_W

ClientSampleId :

VW0129SBS01

Tot Ion: 75 Resp: 65188

Ion Ratio Lower Upper

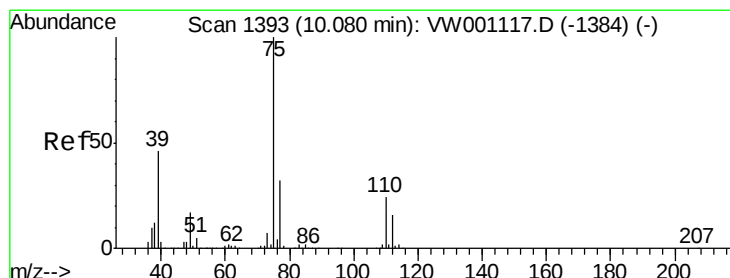
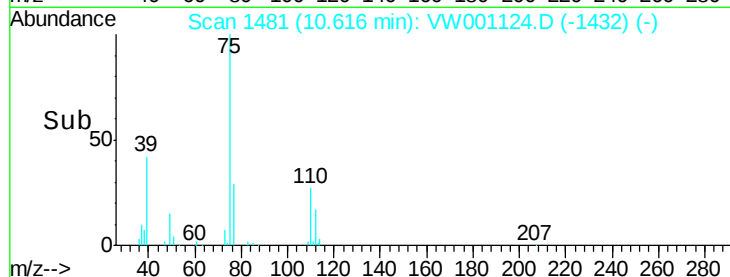
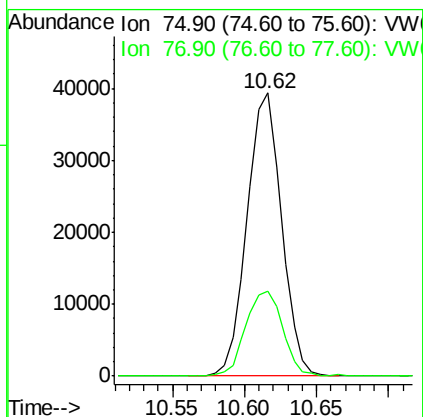
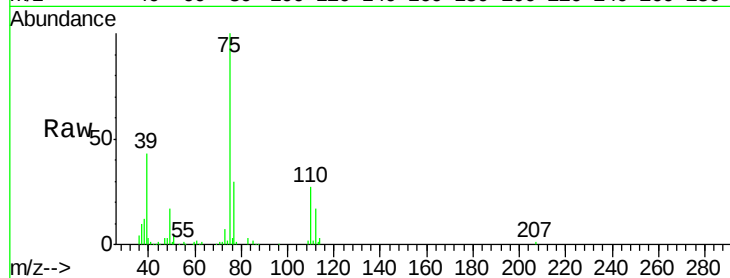
75 100

77 29.8 26.0 39.0

Manual Integrations
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#54

cis-1,3-Dichloropropene

Concen: 19.83 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VW001124.D

Acq: 29 Jan 2018 17:56

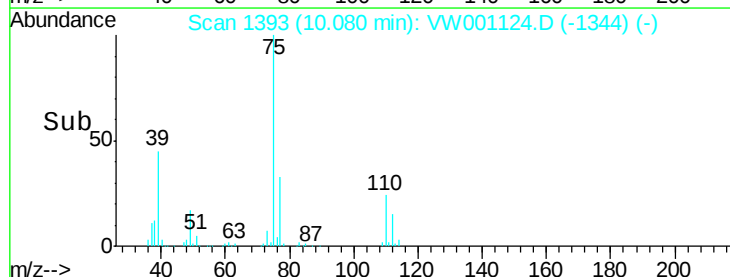
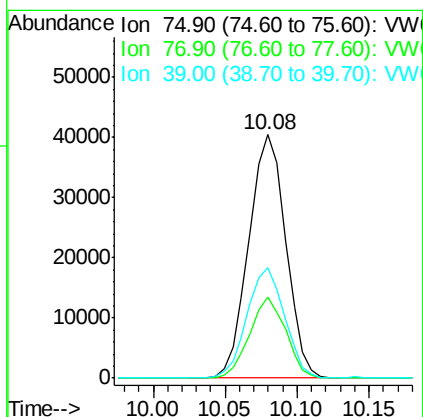
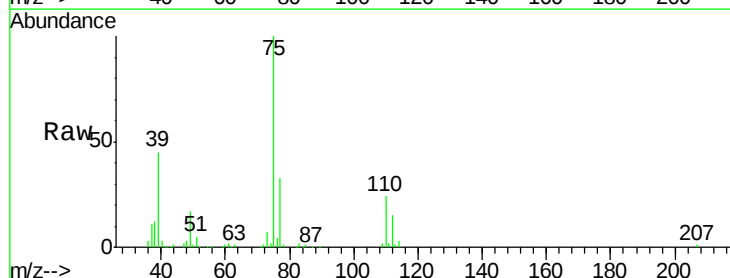
Tgt Ion: 75 Resp: 71953

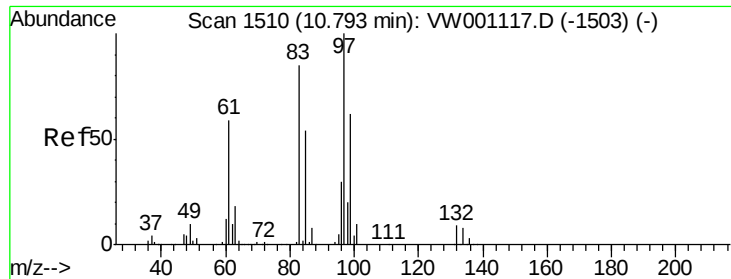
Ion Ratio Lower Upper

75 100

77 33.4 25.5 38.3

39 45.1 37.0 55.4





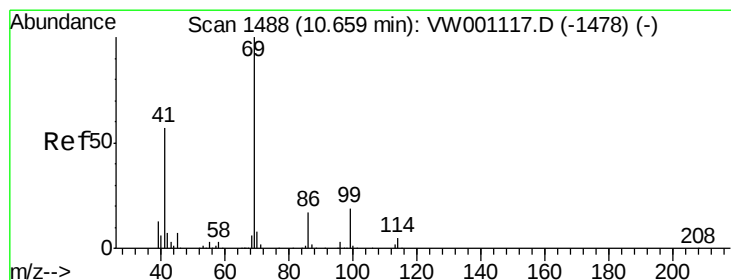
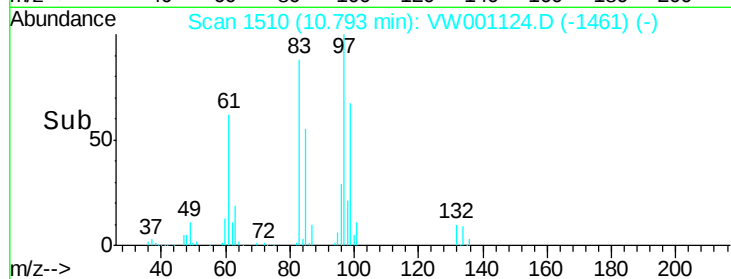
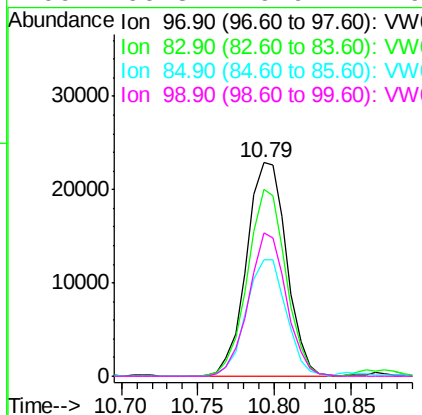
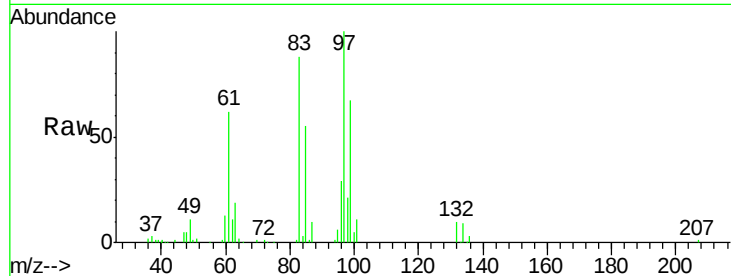
#55
 1,1,2-Trichloroethane
 Concen: 20.55 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW001124.D
 Acq: 29 Jan 2018 17:56

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0129SBS01

Tot Ion	Ratio	Resp	Lower	Upper
97	100	41710		
83	87.6	67.7	101.5	
85	54.7	43.0	64.6	
99	66.8	49.9	74.9	

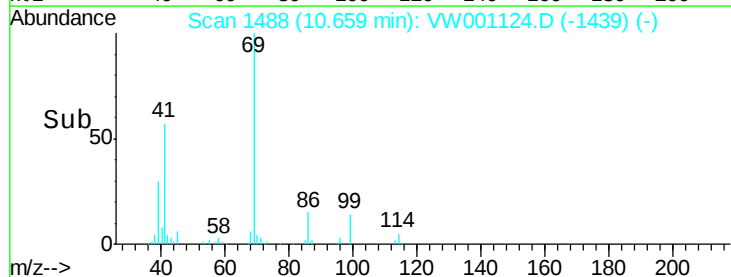
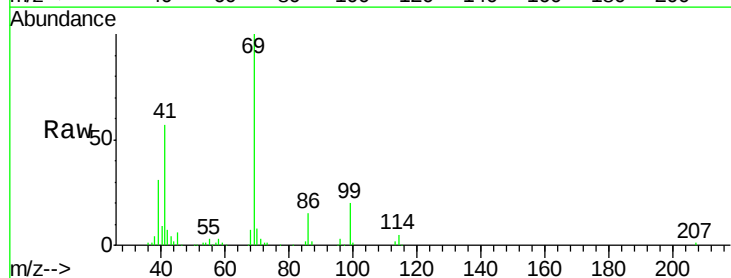
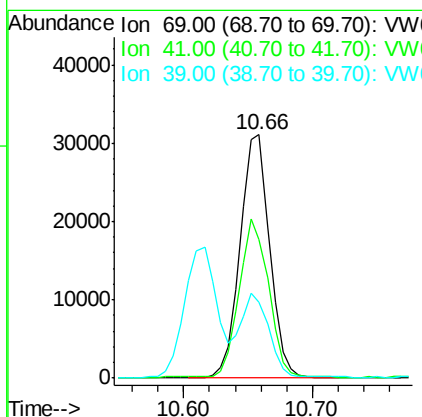
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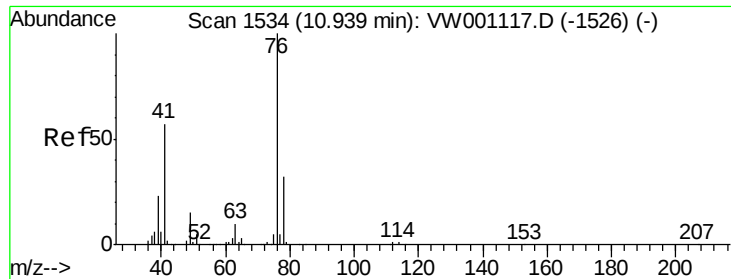
sam
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#56
 Ethyl methacrylate
 Concen: 20.72 ug/l
 RT: 10.66 min Scan# 1488
 Delta R.T. 0.00 min
 Lab File: VW001124.D
 Acq: 29 Jan 2018 17:56

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	49289		
41	65.3	50.6	75.8	
39	34.5	27.5	41.3	





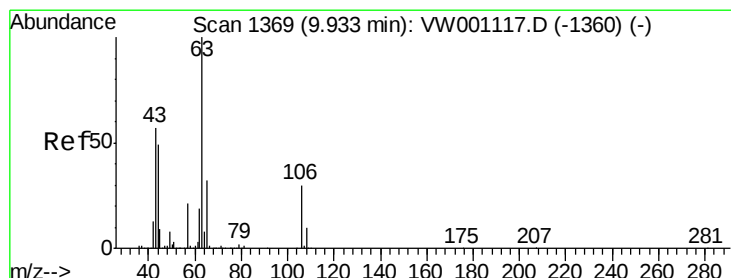
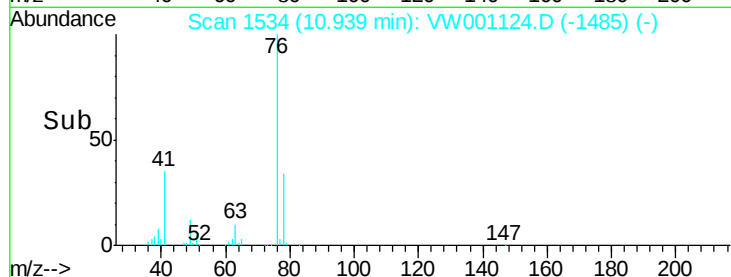
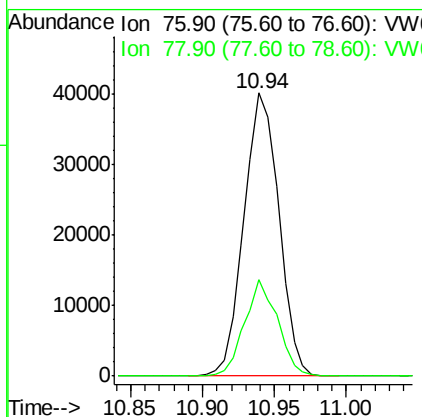
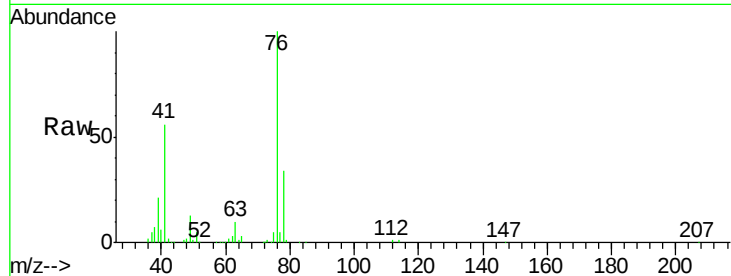
#57
 1,3-Dichloropropane
 Concen: 20.52 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VW001124.D
 Acq: 29 Jan 2018 17:56

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0129SBS01

Tot Ion: 76 Resp: 67698
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.7 38.5

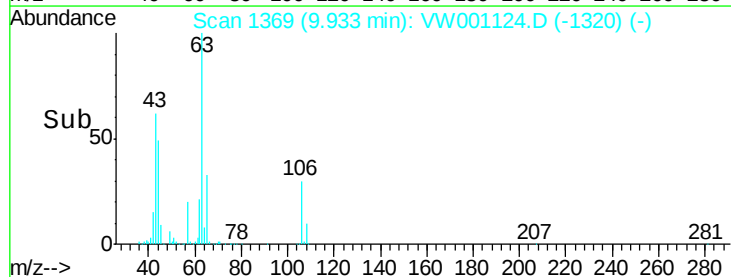
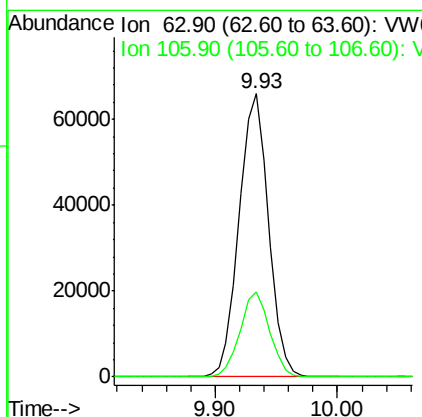
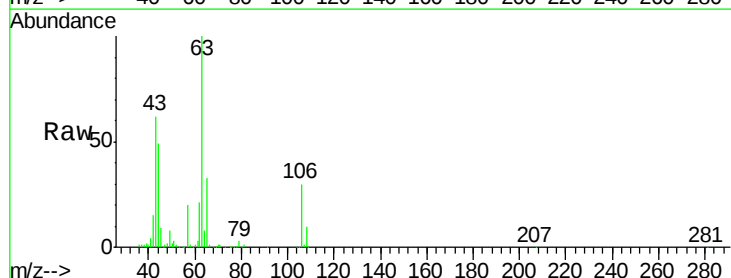
Manual Integrations
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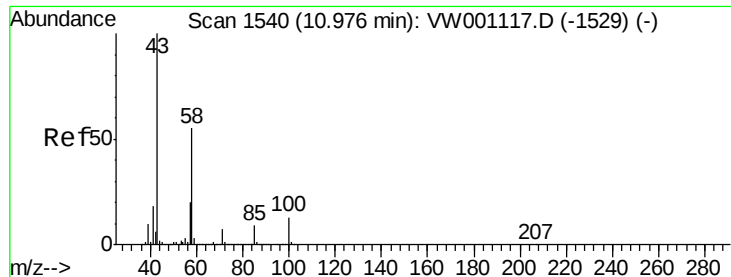
sam
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#58
 2-Chloroethyl Vinyl ether
 Concen: 86.59 ug/l
 RT: 9.93 min Scan# 1369
 Delta R.T. 0.00 min
 Lab File: VW001124.D
 Acq: 29 Jan 2018 17:56

Tgt Ion: 63 Resp: 110239
 Ion Ratio Lower Upper
 63 100
 106 30.1 24.2 36.4





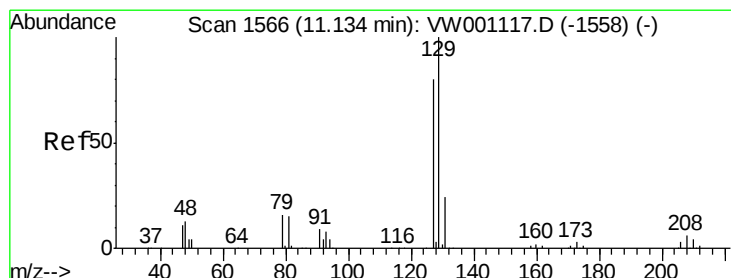
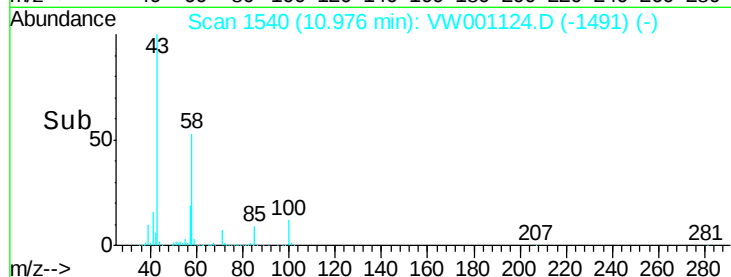
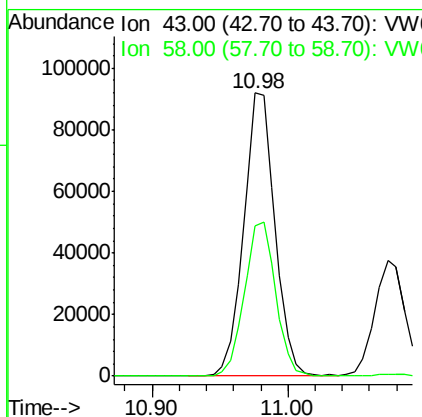
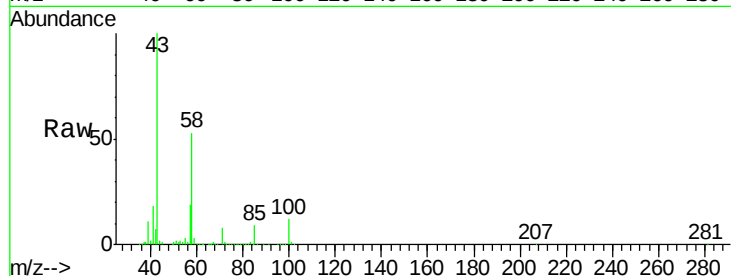
#59
2-Hexanone
Concen: 114.95 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW001124.D
Acq: 29 Jan 2018 17:56

Instrument :
MSVOA_W
ClientSampleId :
VW0129SBS01

Tot Ion	43	Resp	147561
Ion Ratio	43	100	
Lower	58	54.7	27.7
Upper			83.0

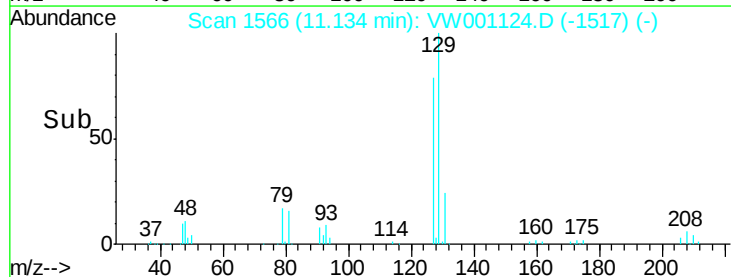
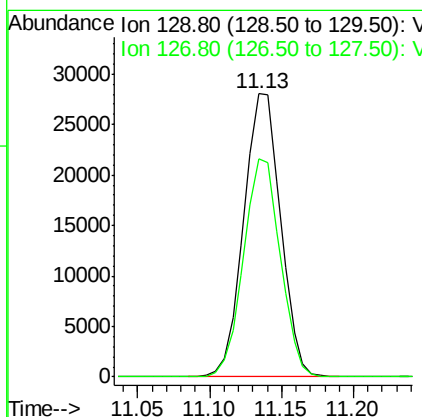
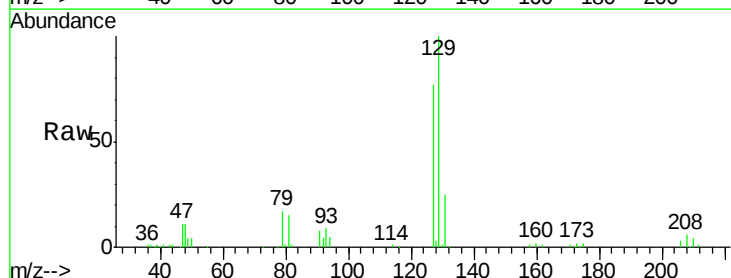
Manual Integrations
APPROVED

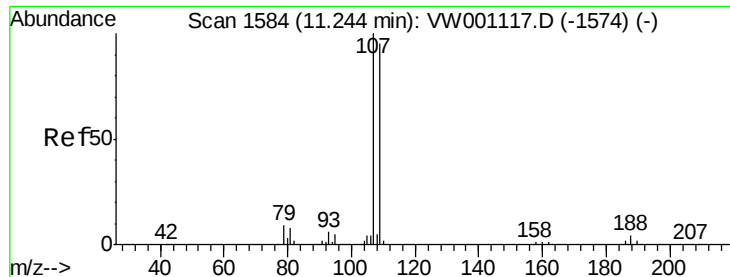
sam
1/30/2018 5:58:48 PM



#60
Dibromochloromethane
Concen: 20.08 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW001124.D
Acq: 29 Jan 2018 17:56

Tgt Ion	129	Resp	49659
Ion Ratio	129	100	
Lower	127	76.7	38.5
Upper			115.5





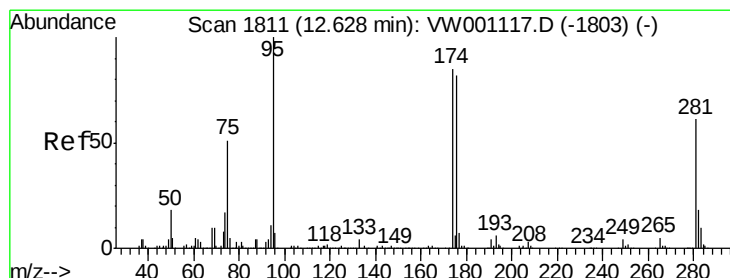
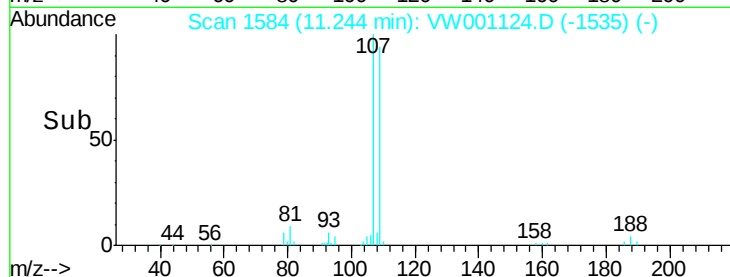
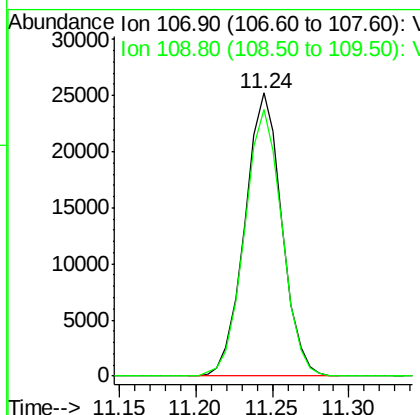
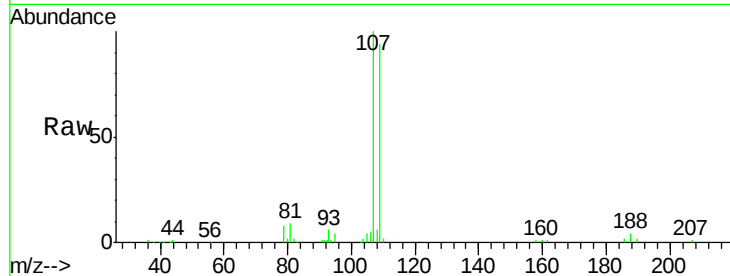
#61
 1,2-Dibromoethane
 Concen: 20.73 ug/l
 RT: 11.24 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VW001124.D
 Acq: 29 Jan 2018 17:56

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0129SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.4	75.8	113.8

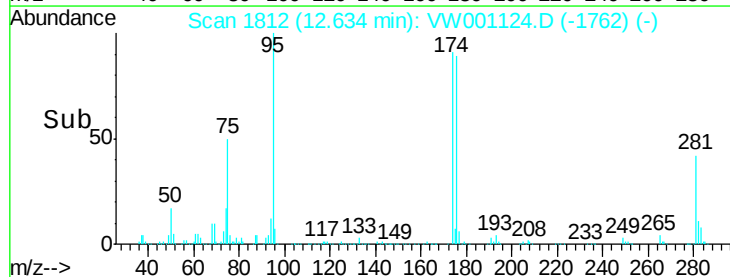
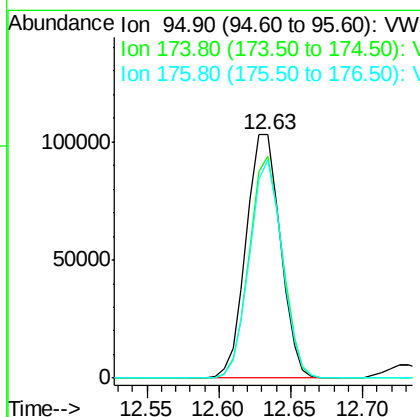
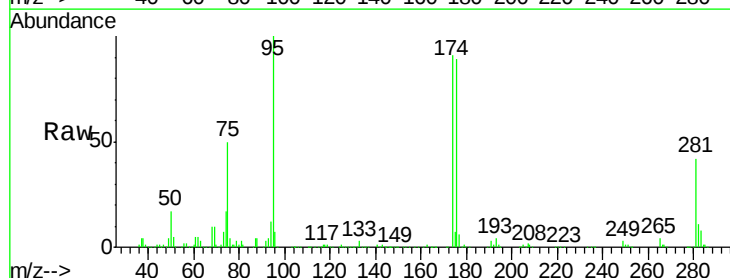
Manual Integrations
 APPROVED

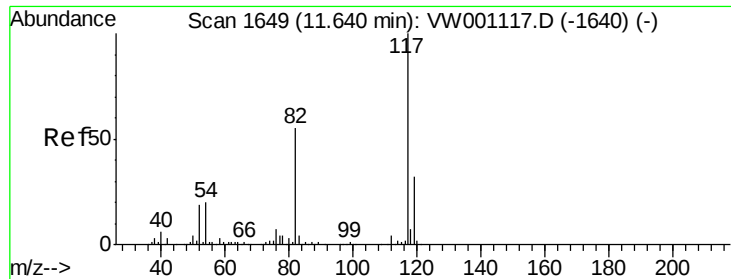
sam
 1/30/2018 5:58:48 PM



#62
 4-Bromofluorobenzene
 Concen: 49.55 ug/l
 RT: 12.63 min Scan# 1812
 Delta R.T. 0.01 min
 Lab File: VW001124.D
 Acq: 29 Jan 2018 17:56

Tgt Ion	Ratio	Lower	Upper
95	100		
174	87.8	0.0	179.6
176	85.5	0.0	174.4





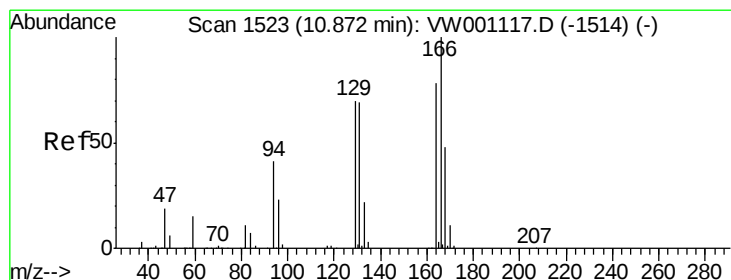
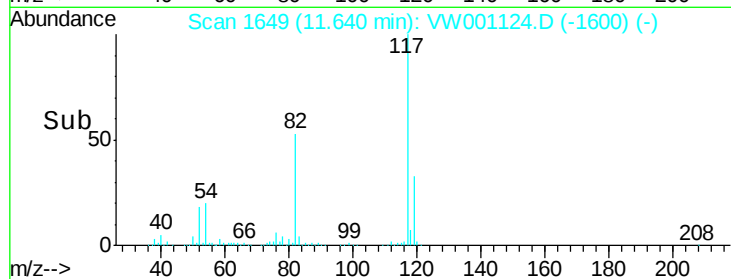
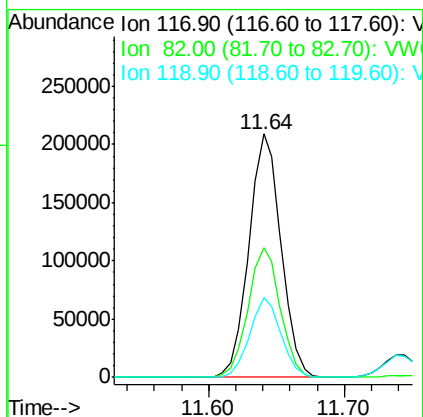
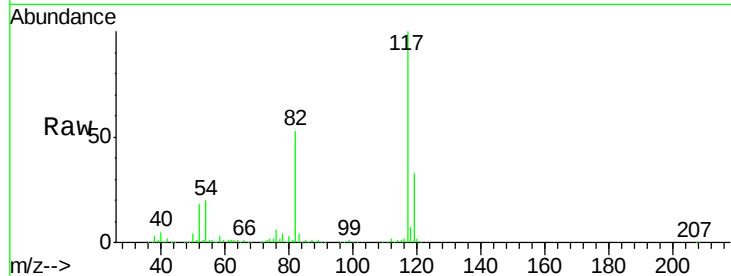
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VW001124.D
Acq: 29 Jan 2018 17:56

Instrument :
MSVOA_W
ClientSampleId :
VW0129SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.4	43.8	65.8
119	33.0	25.8	38.8

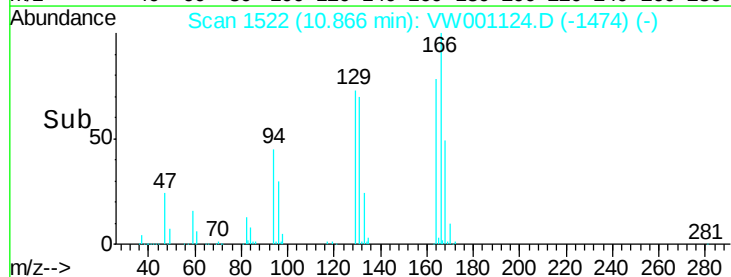
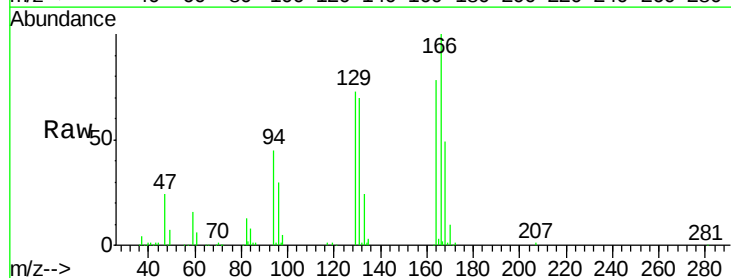
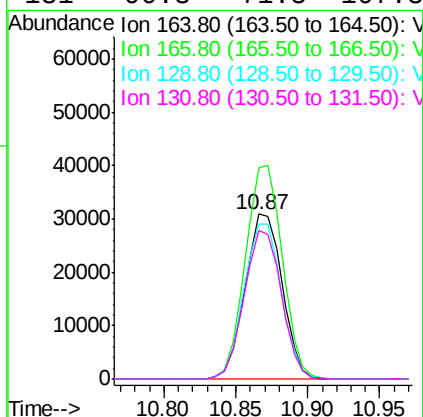
Manual Integrations
APPROVED

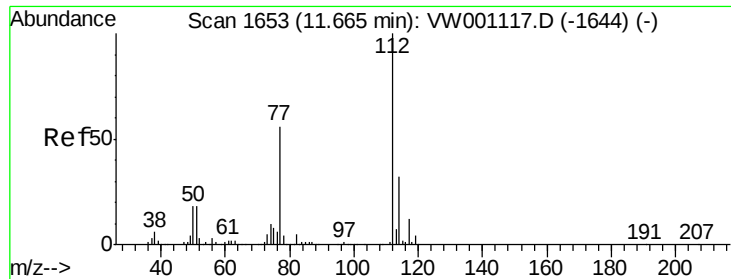
sam
1/30/2018 5:58:48 PM



#64
Tetrachloroethene
Concen: 19.80 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.01 min
Lab File: VW001124.D
Acq: 29 Jan 2018 17:56

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.1	103.1	154.7
129	94.0	72.3	108.5
131	90.3	71.5	107.3





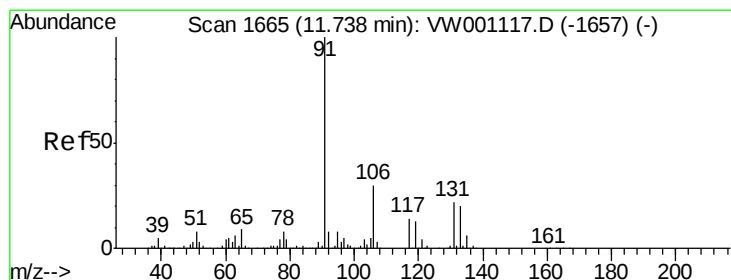
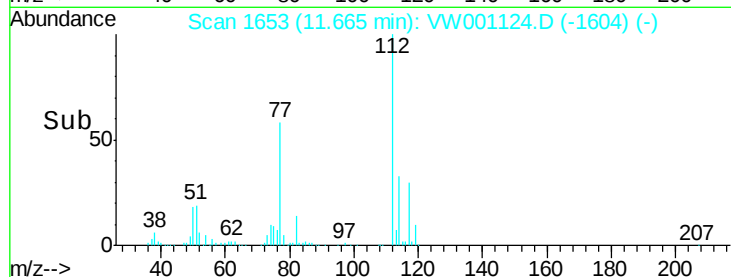
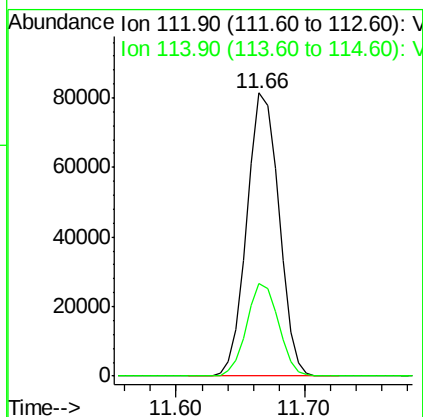
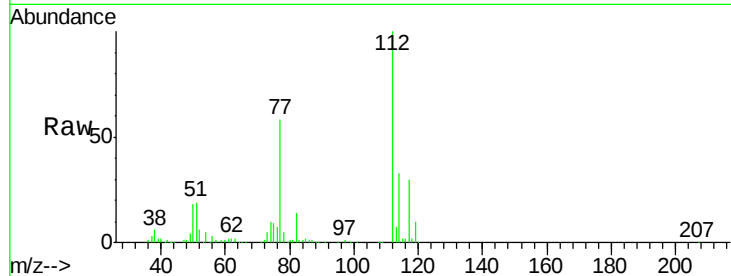
#65
Chlorobenzene
Concen: 20.10 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VW001124.D
Acq: 29 Jan 2018 17:56

Instrument :
MSVOA_W
ClientSampleId :
VW0129SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.8	25.5	38.3

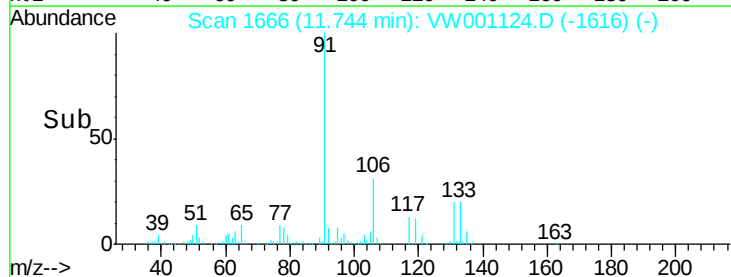
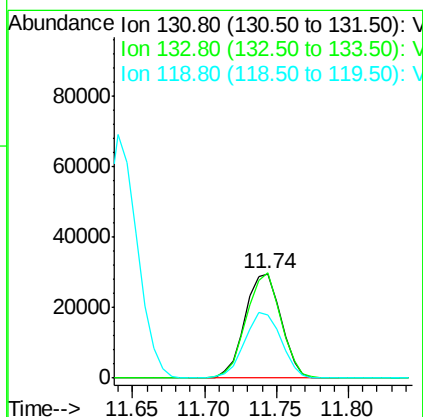
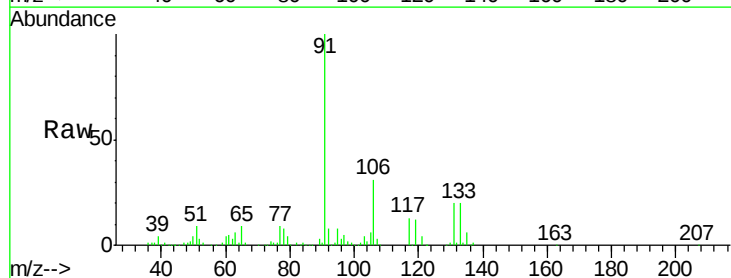
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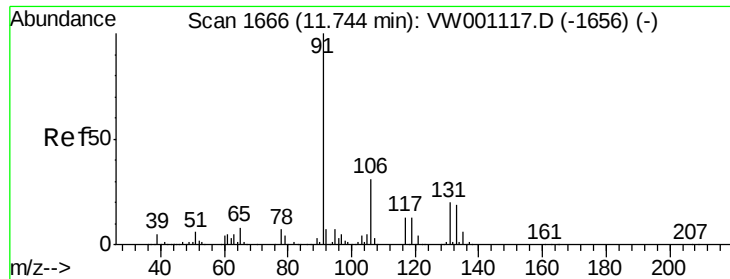
sam
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.20 ug/l
RT: 11.74 min Scan# 1666
Delta R.T. 0.01 min
Lab File: VW001124.D
Acq: 29 Jan 2018 17:56

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.5	47.3	141.8
119	63.6	31.5	94.5





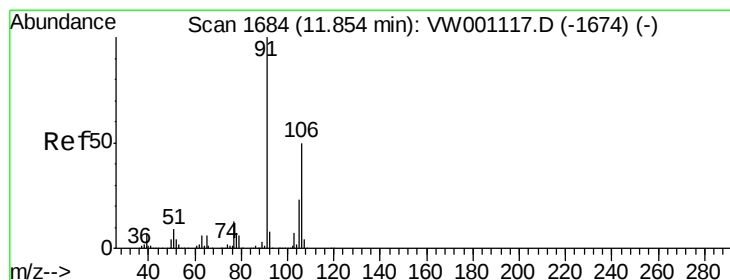
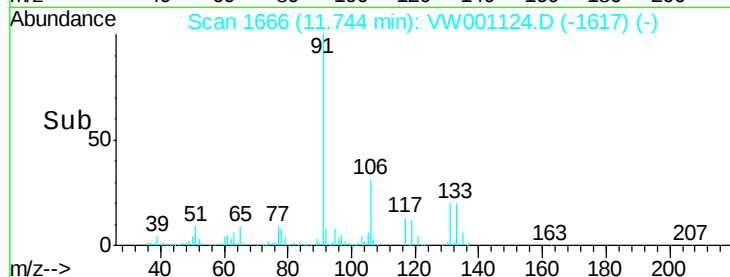
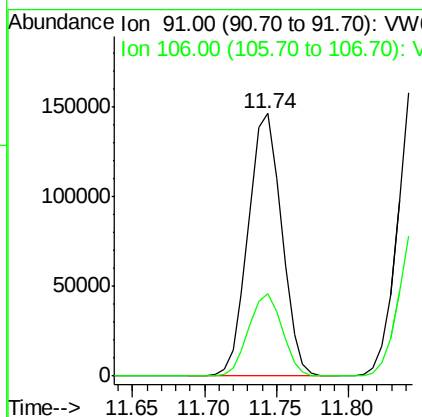
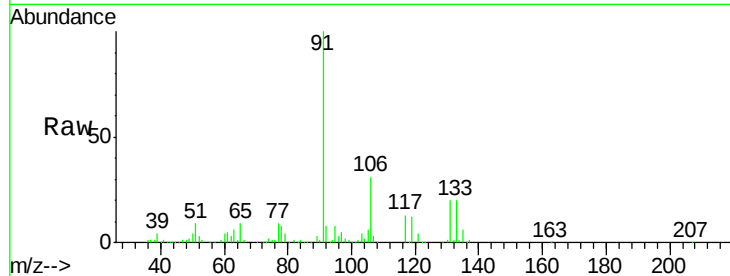
#67
Ethyl Benzene
Concen: 20.21 ug/l
RT: 11.74 min Scan# 1666
Delta R.T. 0.00 min
Lab File: VW001124.D
Acq: 29 Jan 2018 17:56

Instrument :
MSVOA_W
ClientSampleId :
VW0129SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
106	31.4	24.6	36.8

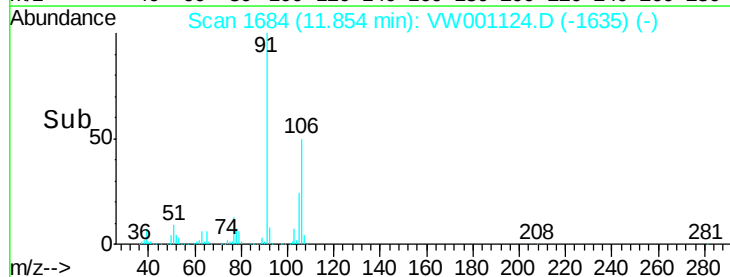
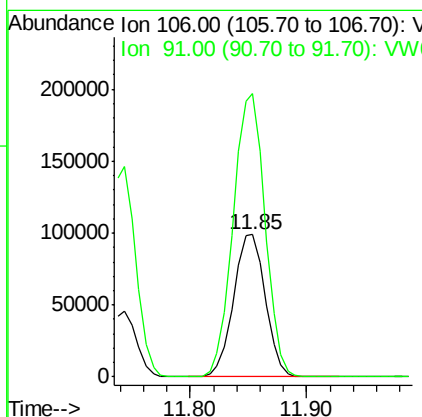
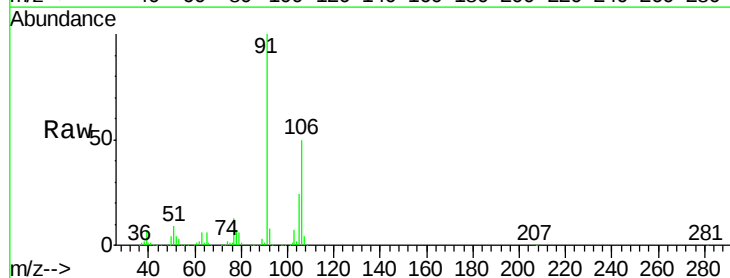
Manual Integrations
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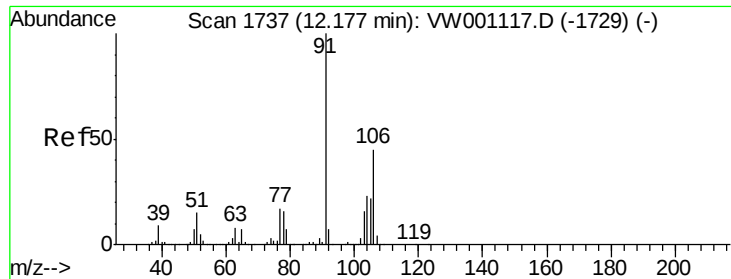
sam
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#68
m/p-Xylenes
Concen: 41.60 ug/l
RT: 11.85 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW001124.D
Acq: 29 Jan 2018 17:56

Tgt Ion	Ratio	Lower	Upper
106	100		
91	199.0	163.1	244.7





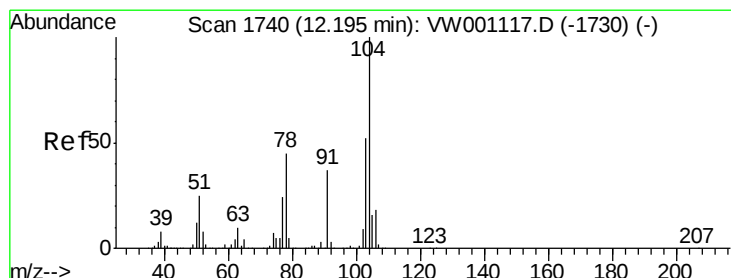
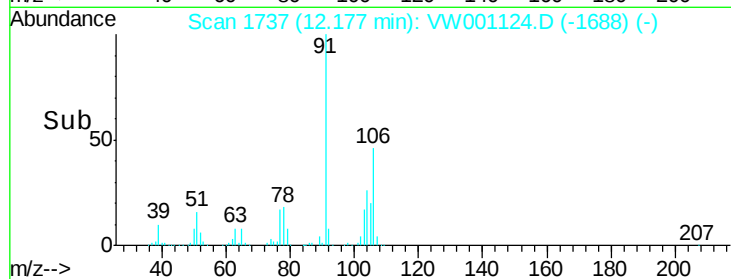
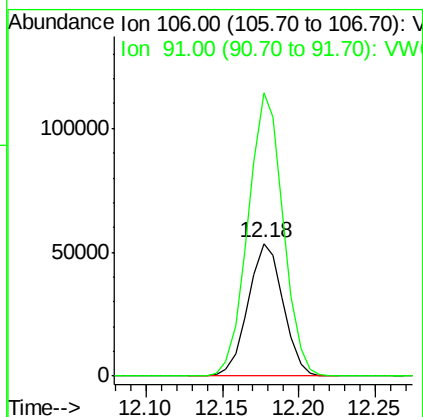
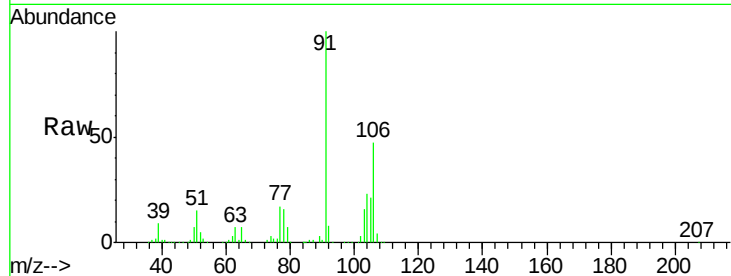
#69
o-Xylene
Concen: 20.45 ug/l
RT: 12.18 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VW001124.D
Acq: 29 Jan 2018 17:56

Instrument :
MSVOA_W
ClientSampleId :
VW0129SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		85489		
91	213.7	107.6	322.8		

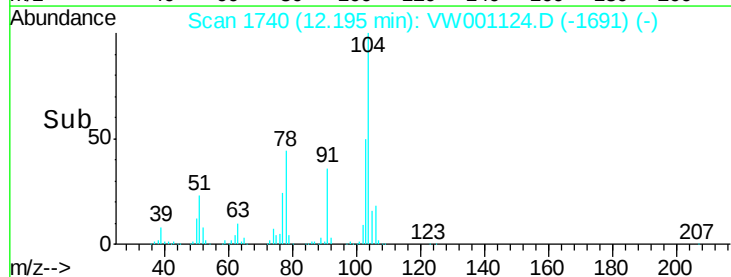
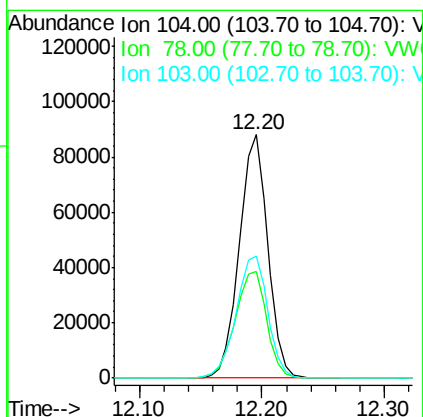
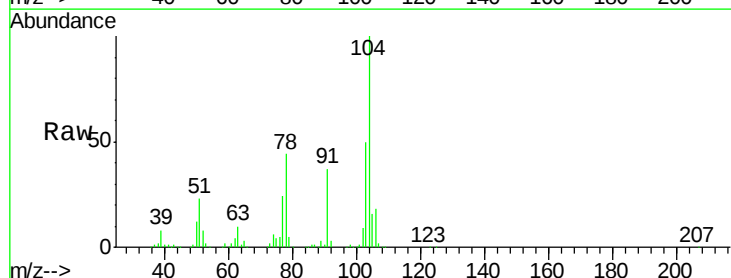
Manual Integrations
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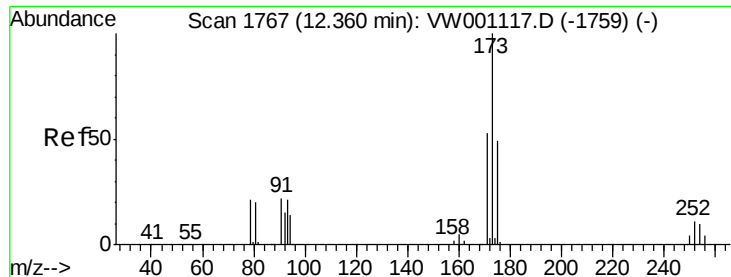
sam
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#70
Styrene
Concen: 20.64 ug/l
RT: 12.20 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW001124.D
Acq: 29 Jan 2018 17:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		141788		
78	48.6	39.9	59.9		
103	55.8	44.7	67.1		





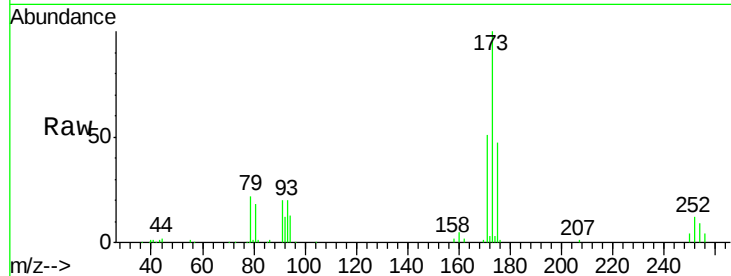
#71
Bromoform
Concen: 21.27 ug/l
RT: 12.36 min Scan# 1767
Delta R.T. 0.00 min
Lab File: VW001124.D
Acq: 29 Jan 2018 17:56

Instrument :
MSVOA_W
ClientSampleId :
VW0129SBS01

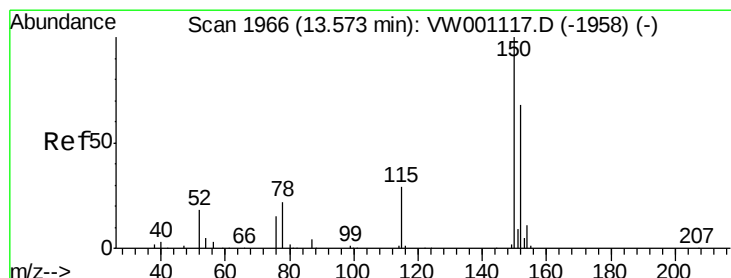
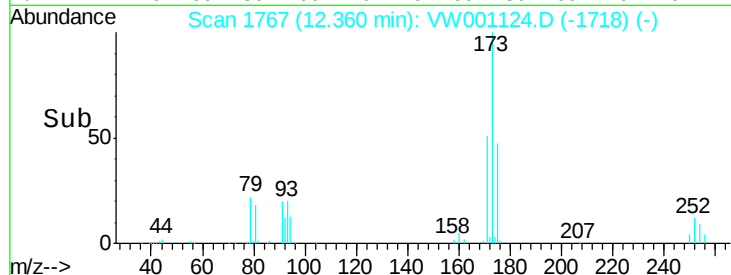
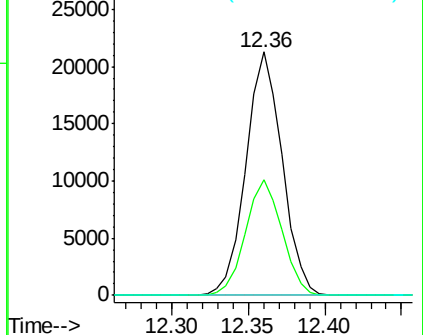
Tot Ion	Ratio	Lower	Upper
173	100		
175	47.6	24.9	74.6
254	0.0	0.1	0.1#

Manual Integrations
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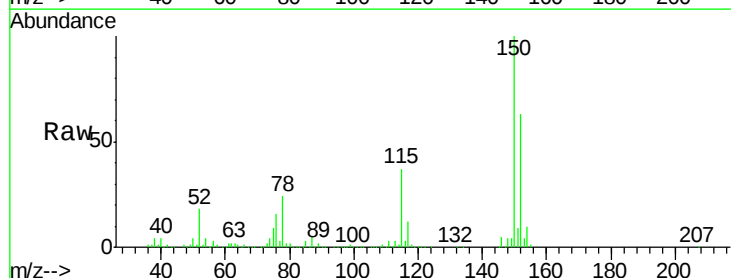


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

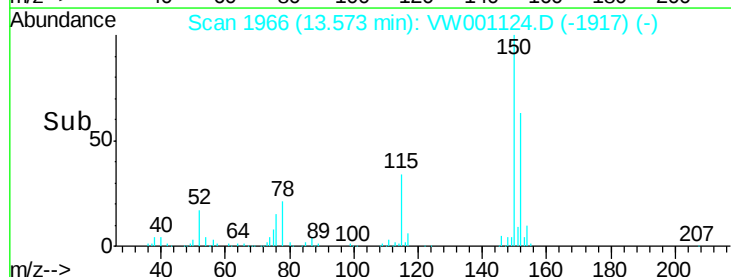
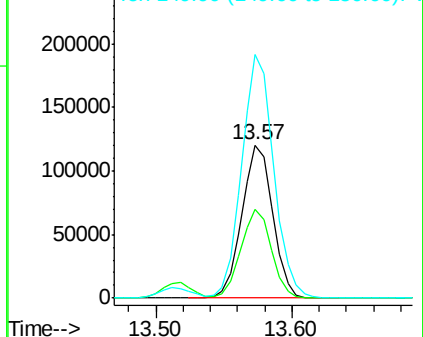


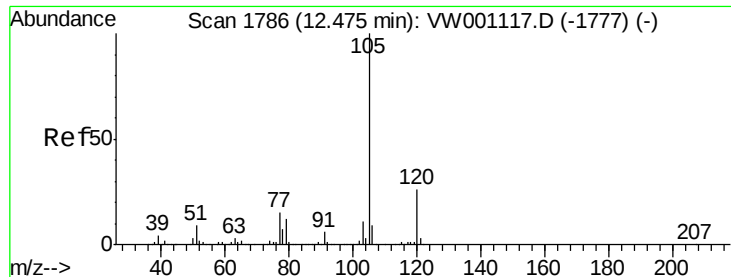
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1966
Delta R.T. 0.00 min
Lab File: VW001124.D
Acq: 29 Jan 2018 17:56

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.2	28.4	85.3
150	165.2	0.0	342.4



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





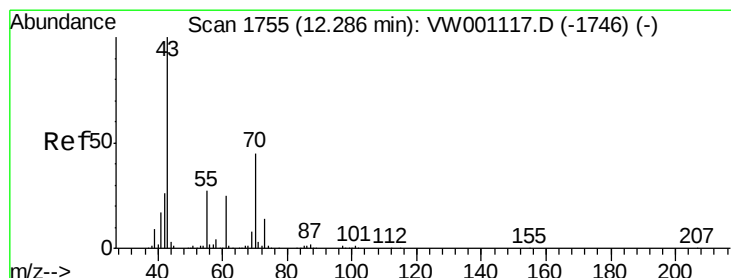
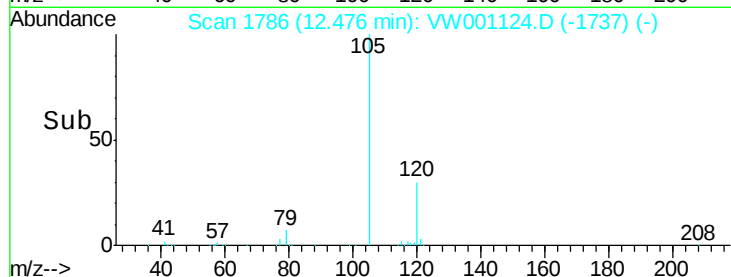
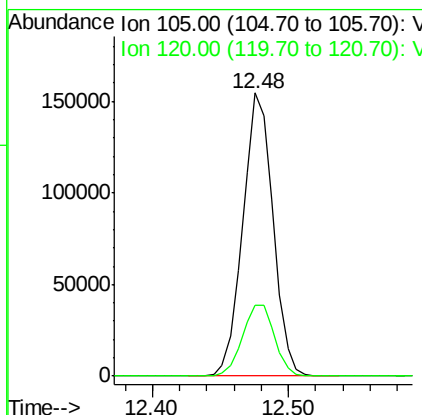
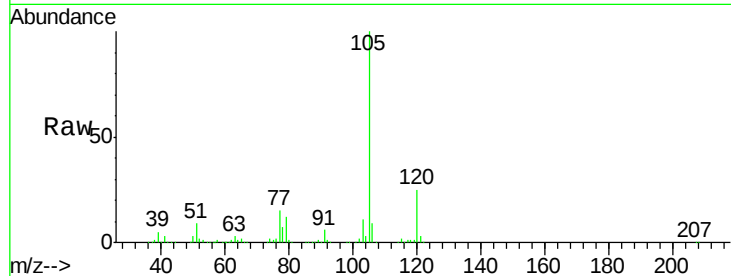
#73
Isopropylbenzene
Concen: 20.11 ug/l
RT: 12.48 min Scan# 1786
Delta R.T. 0.00 min
Lab File: VW001124.D
Acq: 29 Jan 2018 17:56

Instrument :
MSVOA_W
ClientSampleId :
VW0129SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.7	13.3	39.9

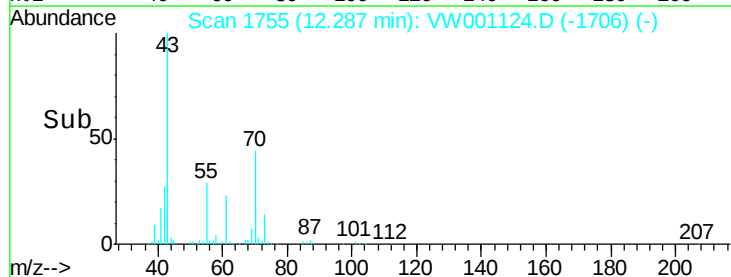
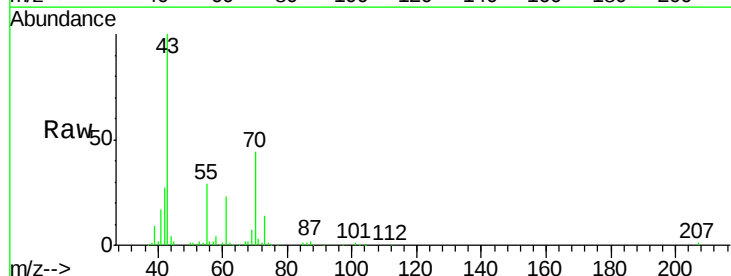
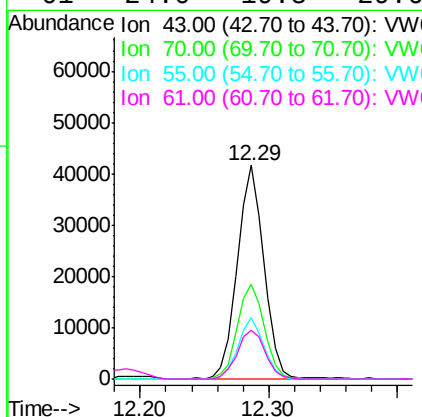
Manual Integrations
APPROVED

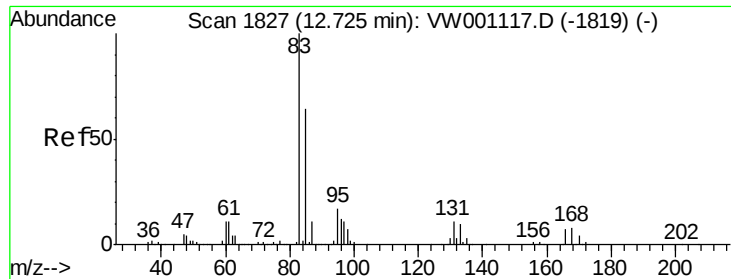
sam
1/30/2018 5:58:48 PM



#74
N-ethyl acetate
Concen: 21.95 ug/l
RT: 12.29 min Scan# 1755
Delta R.T. 0.00 min
Lab File: VW001124.D
Acq: 29 Jan 2018 17:56

Tgt Ion	Ratio	Lower	Upper
43	100		
70	44.8	36.0	54.0
55	27.6	21.7	32.5
61	24.0	19.8	29.6





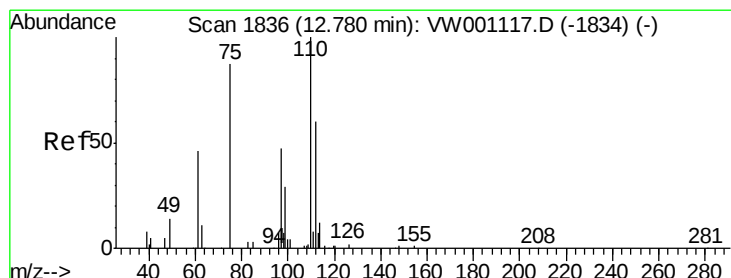
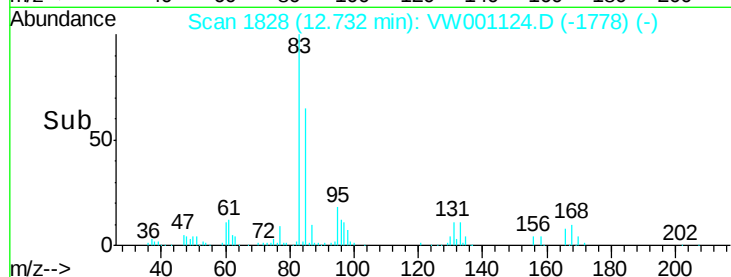
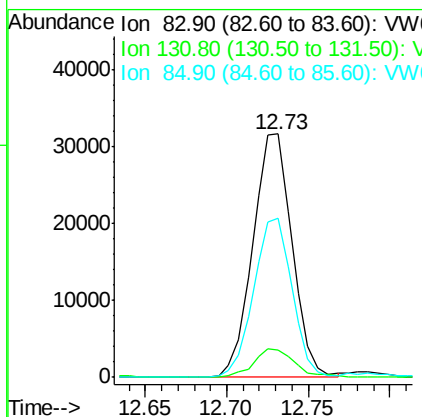
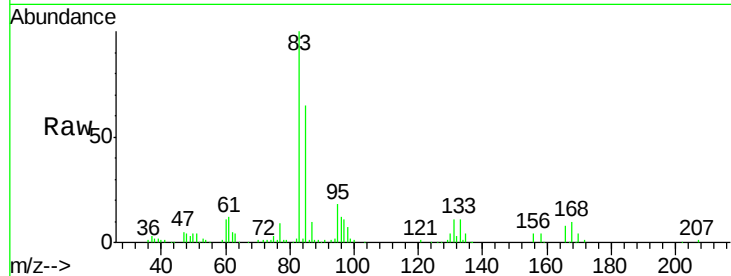
#75
 1,1,2,2-Tetrachloroethane
 Concen: 21.82 ug/l
 RT: 12.73 min Scan# 1828
 Delta R.T. 0.01 min
 Lab File: VW001124.D
 Acq: 29 Jan 2018 17:56

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0129SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
131	12.2	5.8	17.4
85	64.0	32.3	96.9

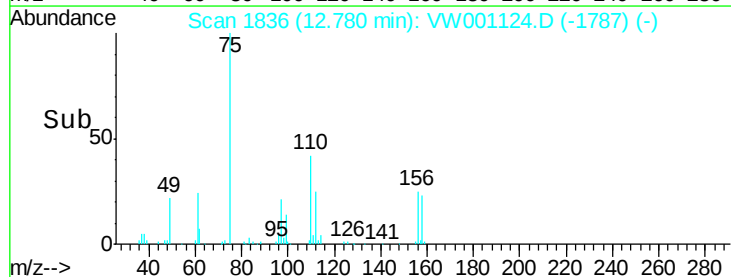
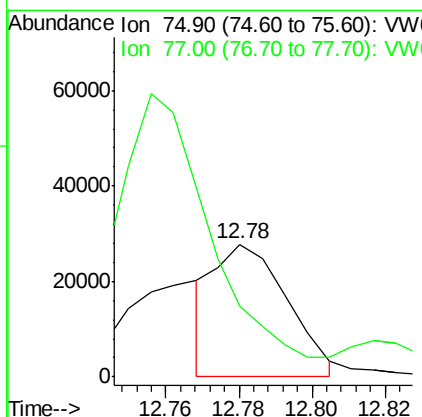
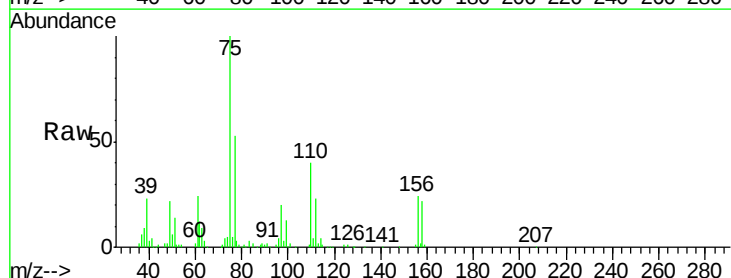
Manual Integrations
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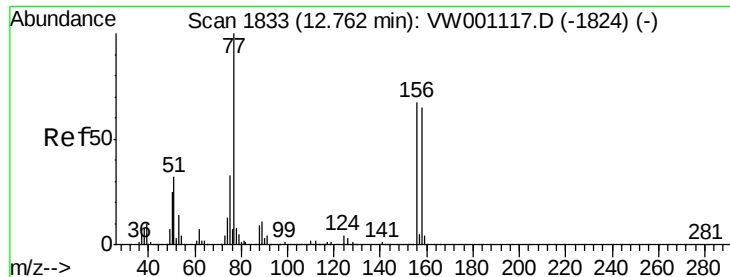
sam
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#76
 1,2,3-Trichloropropane
 Concen: 19.96 ug/l m
 RT: 12.78 min Scan# 1836
 Delta R.T. 0.00 min
 Lab File: VW001124.D
 Acq: 29 Jan 2018 17:56

Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.16 ug/l

RT: 12.76 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VW001124.D

Acq: 29 Jan 2018 17:56

Instrument :

MSVOA_W

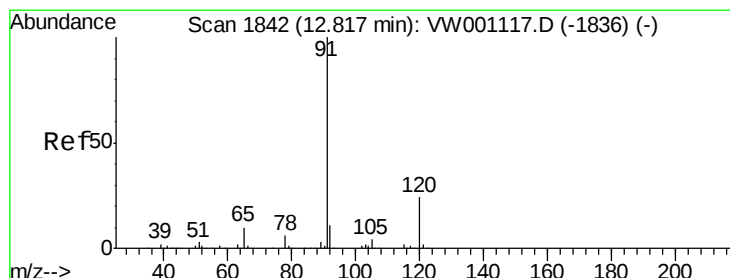
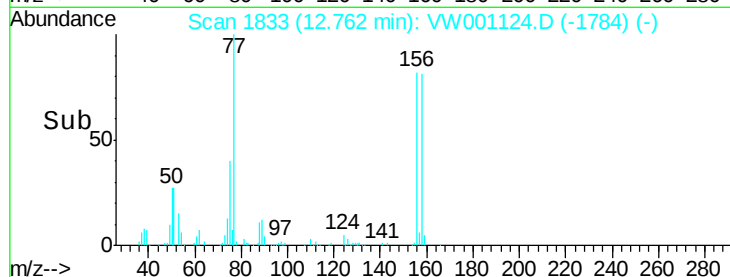
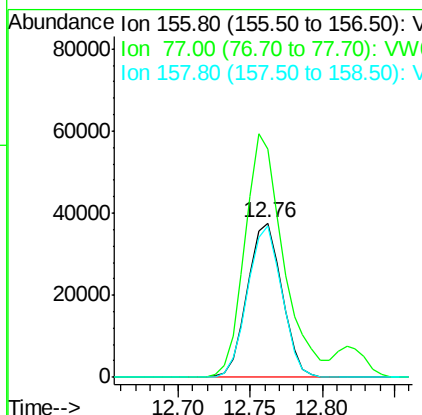
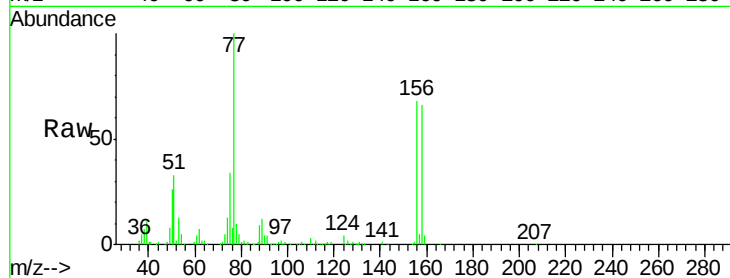
ClientSampleId :

VW0129SBS01

Tot Ion:	156	Resp:	62347
Ion Ratio	Lower	Upper	
156	100		
77	175.1	85.3	255.8
158	97.3	48.9	146.7

Manual Integrations
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#78

n-propylbenzene

Concen: 20.57 ug/l

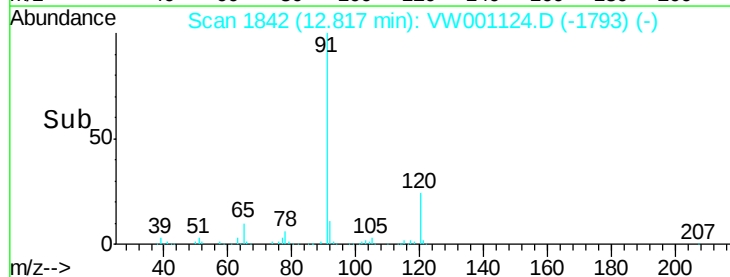
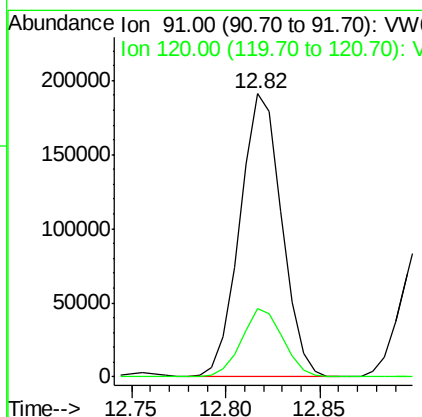
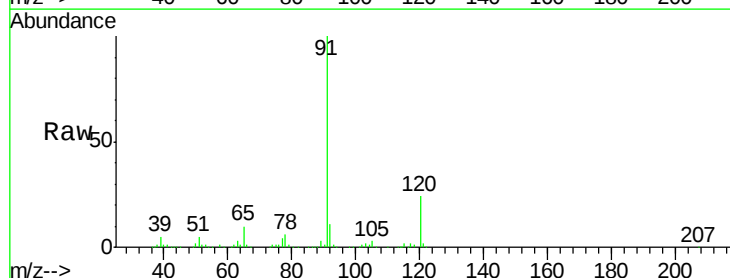
RT: 12.82 min Scan# 1842

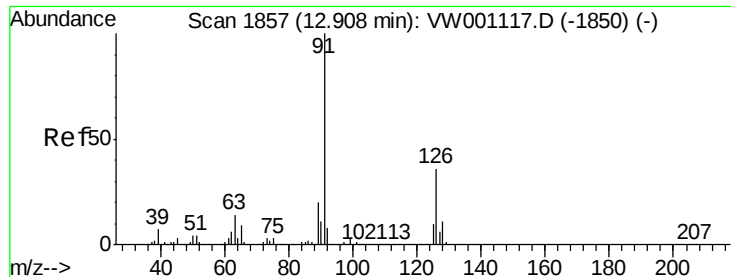
Delta R.T. 0.00 min

Lab File: VW001124.D

Acq: 29 Jan 2018 17:56

Tgt Ion:	91	Resp:	293427
Ion Ratio	Lower	Upper	
91	100		
120	24.0	11.9	35.7





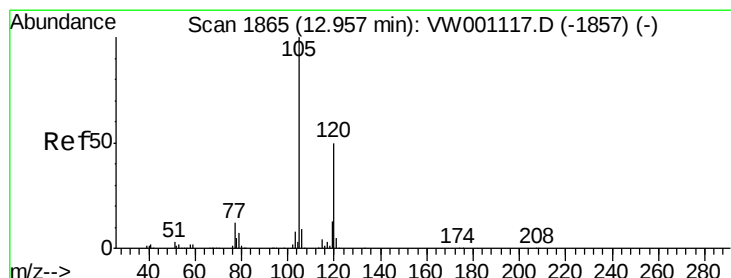
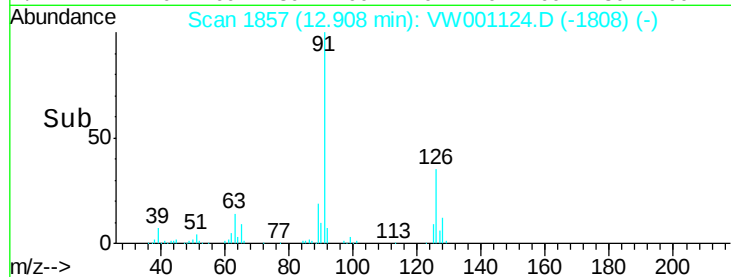
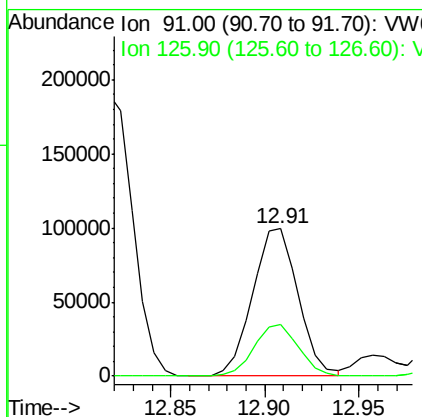
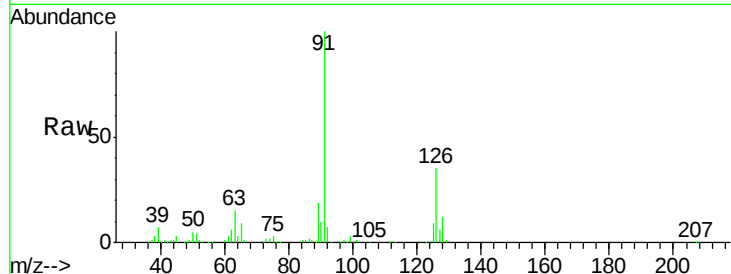
#79
 2-Chlorotoluene
 Concen: 20.34 ug/l
 RT: 12.91 min Scan# 1857
 Delta R.T. 0.00 min
 Lab File: VW001124.D
 Acq: 29 Jan 2018 17:56

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0129SBS01

Tot Ion: 91 Resp: 165987
 Ion Ratio Lower Upper
 91 100
 126 34.6 17.5 52.6

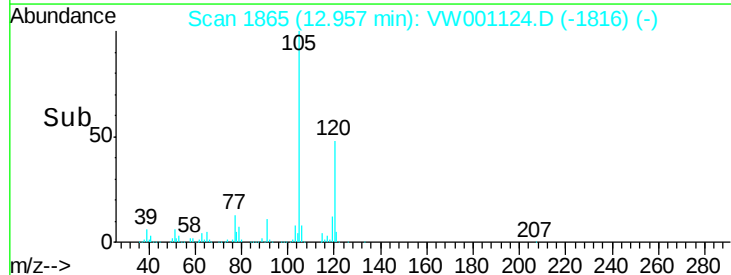
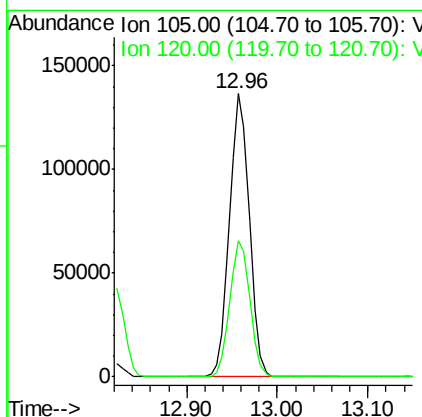
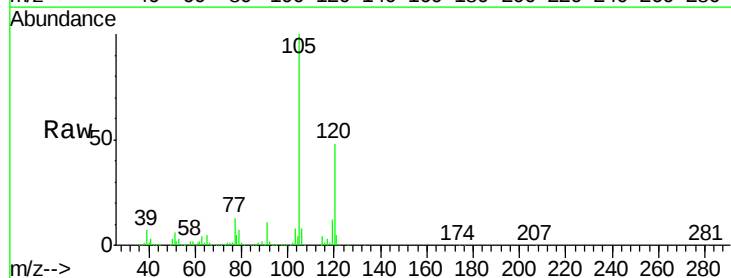
Manual Integrations
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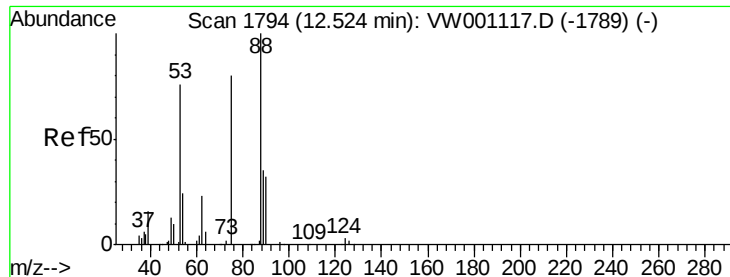
Sam
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#80
 1,3,5-Trimethylbenzene
 Concen: 20.44 ug/l
 RT: 12.96 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: VW001124.D
 Acq: 29 Jan 2018 17:56

Tgt Ion: 105 Resp: 208292
 Ion Ratio Lower Upper
 105 100
 120 48.6 24.9 74.7





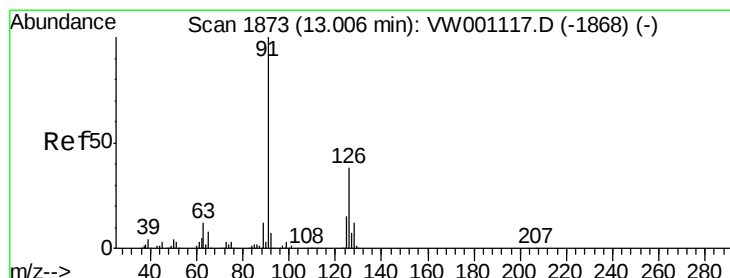
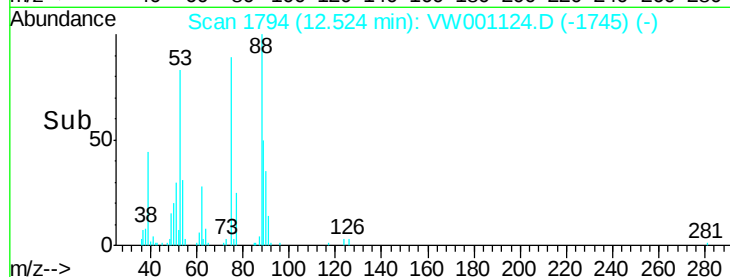
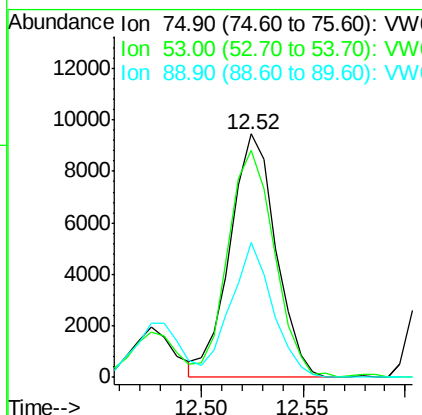
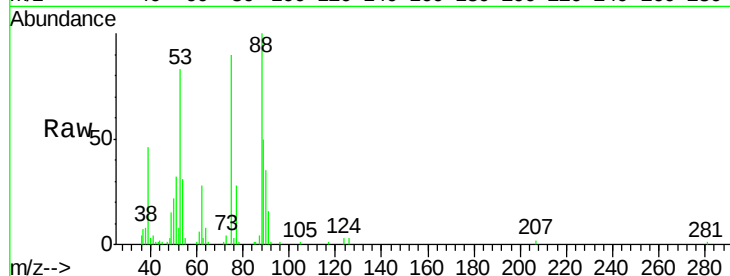
#81
trans-1,4-Dichloro-2-butene
Concen: 20.17 ug/l
RT: 12.52 min Scan# 1794
Delta R.T. 0.00 min
Lab File: VW001124.D
Acq: 29 Jan 2018 17:56

Instrument :
MSVOA_W
ClientSampleId :
VW0129SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	94.7	75.0	112.6
89	50.3	38.2	57.4

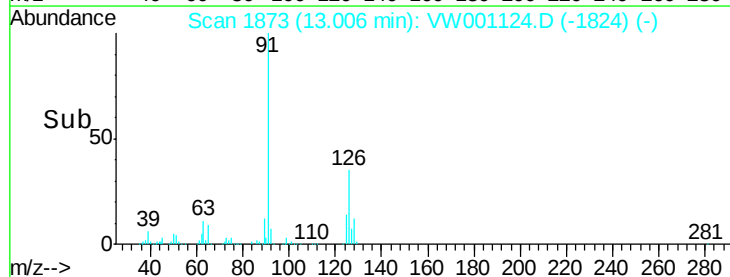
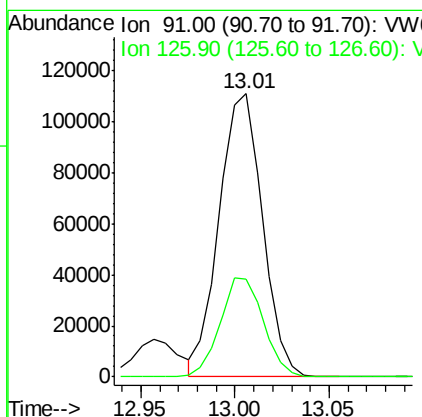
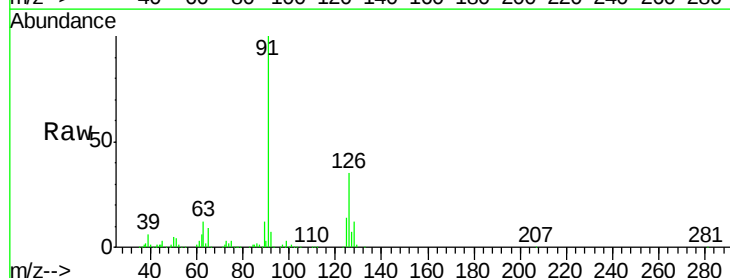
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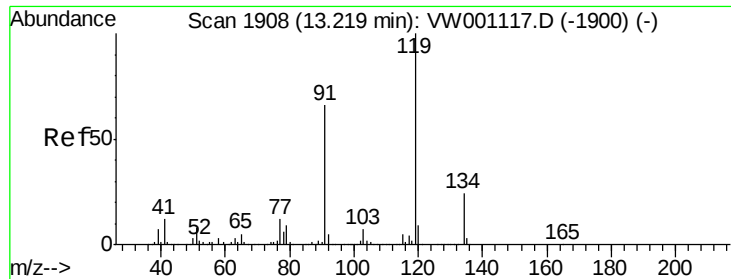
sam
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#82
4-Chlorotoluene
Concen: 20.34 ug/l
RT: 13.01 min Scan# 1873
Delta R.T. 0.00 min
Lab File: VW001124.D
Acq: 29 Jan 2018 17:56

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.0	17.8	53.4





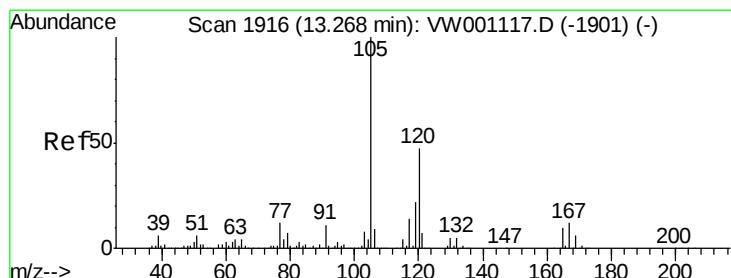
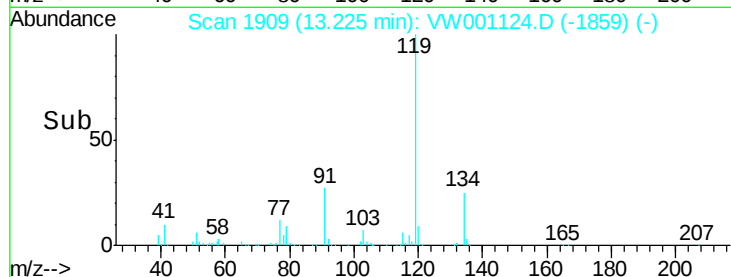
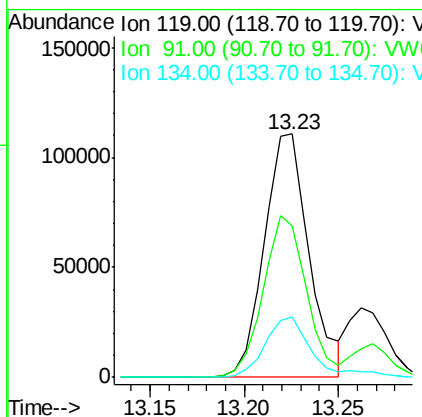
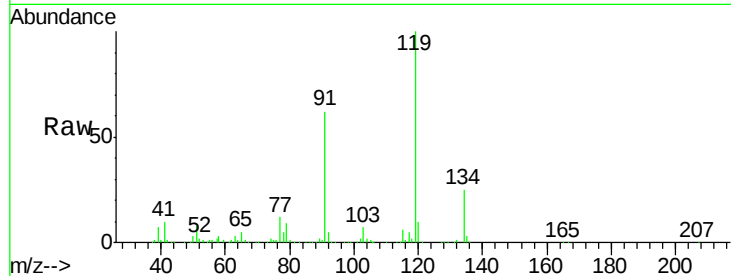
#83
tert-Butylbenzene
Concen: 20.27 ug/l
RT: 13.23 min Scan# 1909
Delta R.T. 0.01 min
Lab File: VW001124.D
Acq: 29 Jan 2018 17:56

Instrument :
MSVOA_W
ClientSampleId :
VW0129SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	182483		
91	63.9		31.9	95.5
134	25.9		12.7	38.0

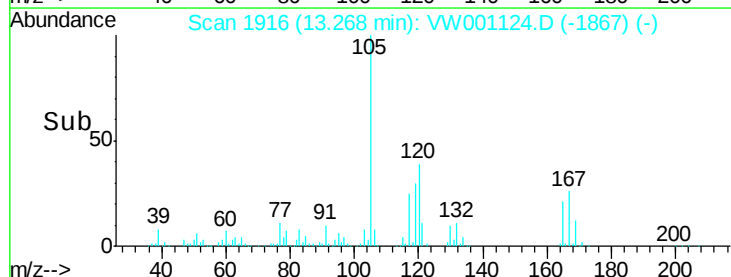
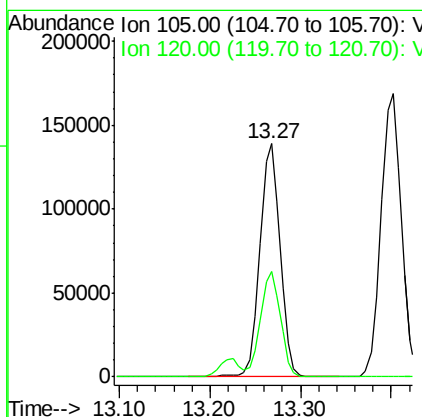
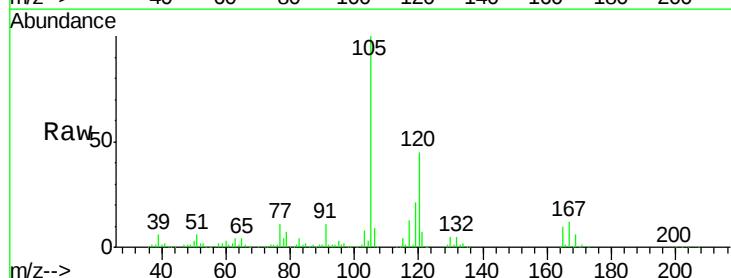
Manual Integrations
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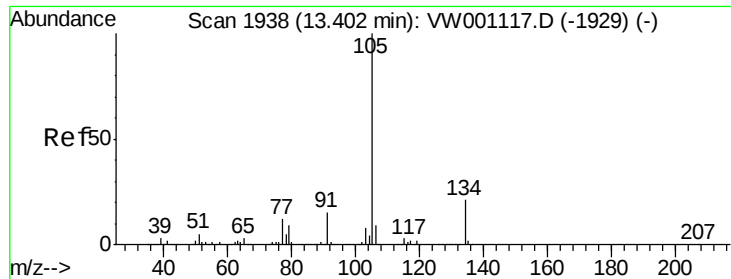
sam
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#84
1,2,4-Trimethylbenzene
Concen: 20.70 ug/l
RT: 13.27 min Scan# 1916
Delta R.T. 0.00 min
Lab File: VW001124.D
Acq: 29 Jan 2018 17:56

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	214572		
120	44.7		22.9	68.8





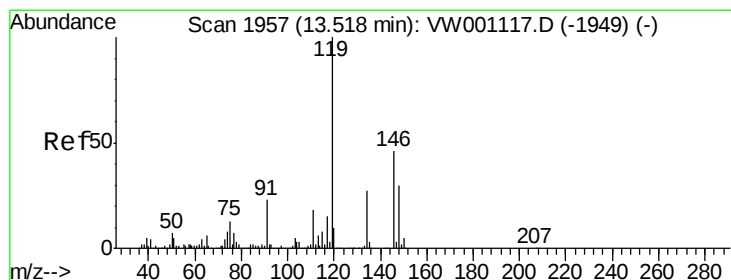
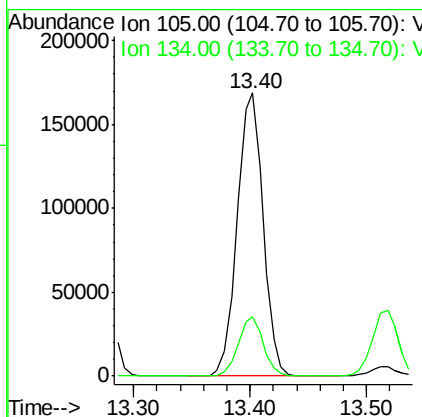
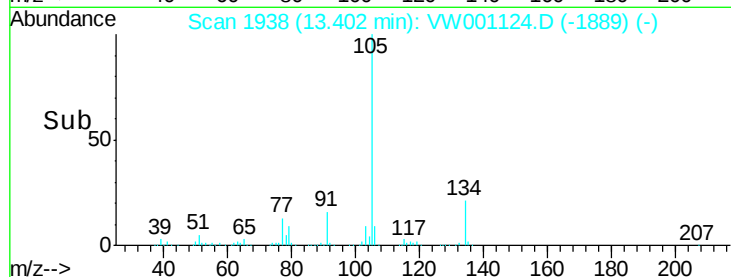
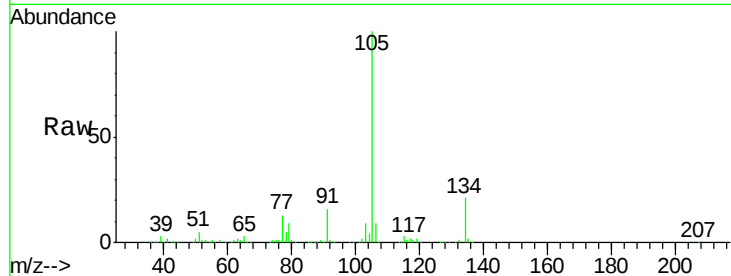
#85
 sec-Butylbenzene
 Concen: 20.51 ug/l
 RT: 13.40 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VW001124.D
 Acq: 29 Jan 2018 17:56

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0129SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.3	10.3	30.8

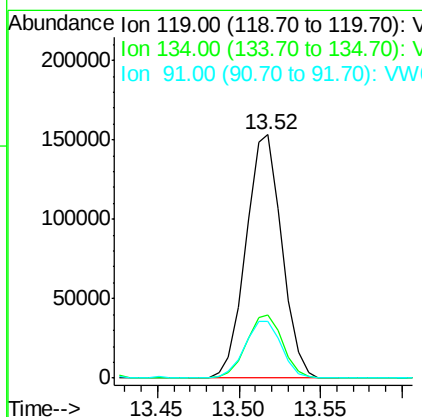
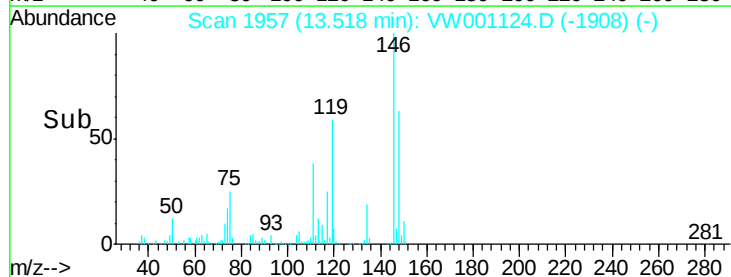
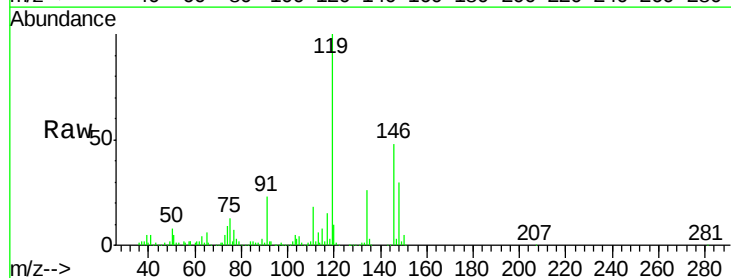
Manual Integrations
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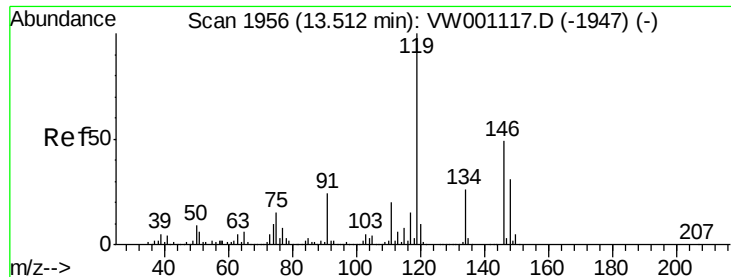
sam
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#86
 p-Isopropyltoluene
 Concen: 20.64 ug/l
 RT: 13.52 min Scan# 1957
 Delta R.T. 0.00 min
 Lab File: VW001124.D
 Acq: 29 Jan 2018 17:56

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.1	13.4	40.1
91	23.7	11.8	35.4





#87

1,3-Dichlorobenzene

Concen: 20.20 ug/l

RT: 13.51 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW001124.D

Acq: 29 Jan 2018 17:56

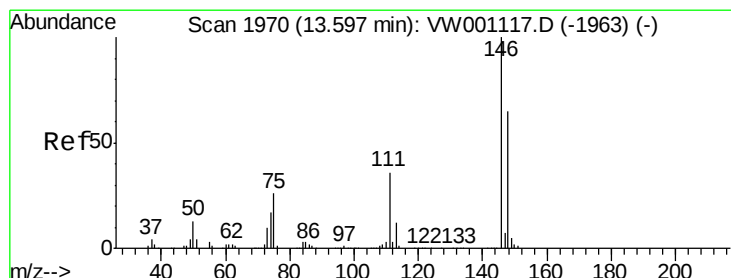
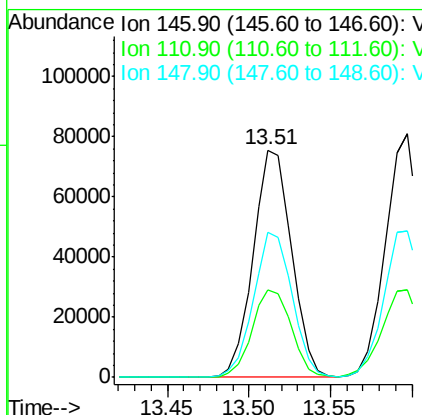
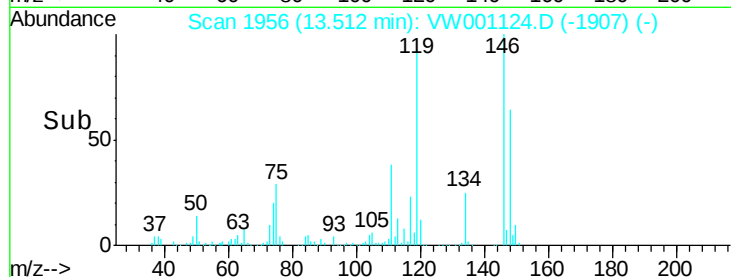
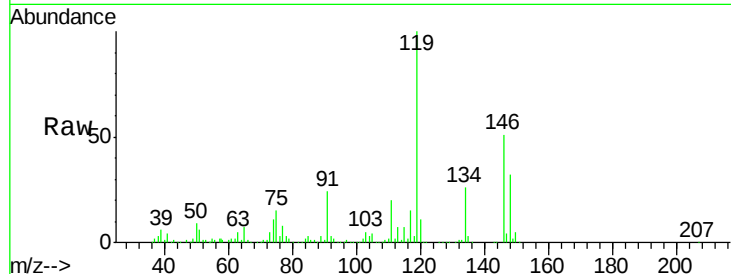
Instrument :
MSVOA_W

ClientSampleId :
VW0129SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	123362		
111	39.3	19.7	59.1	
148	64.0	31.9	95.5	

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 20.23 ug/l

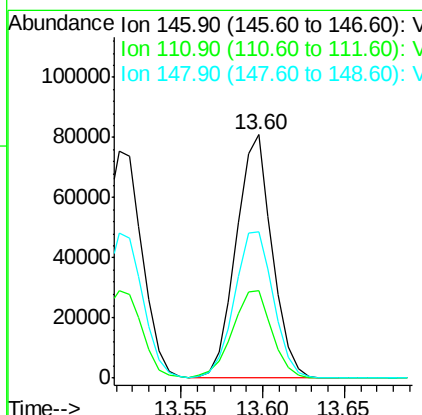
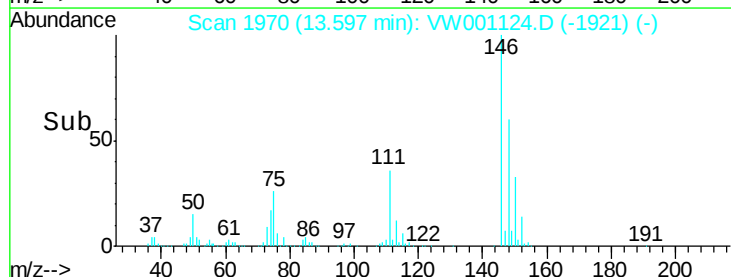
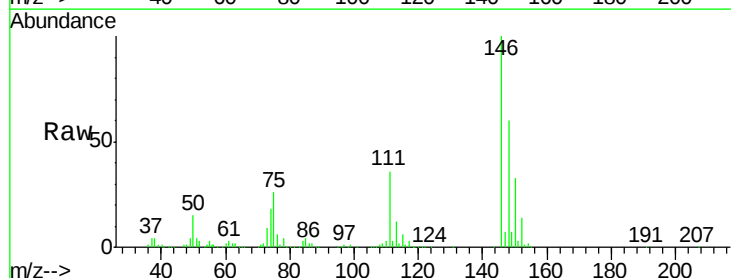
RT: 13.60 min Scan# 1970

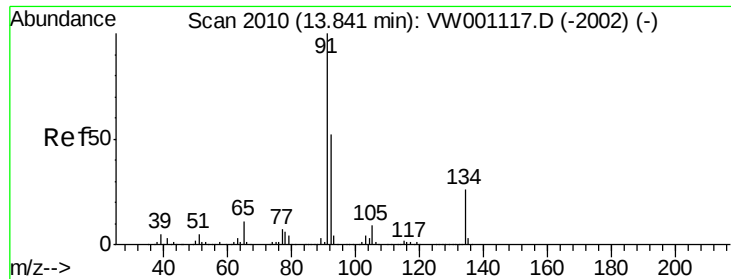
Delta R.T. 0.00 min

Lab File: VW001124.D

Acq: 29 Jan 2018 17:56

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	124147		
111	39.5	19.1	57.1	
148	65.1	32.5	97.5	





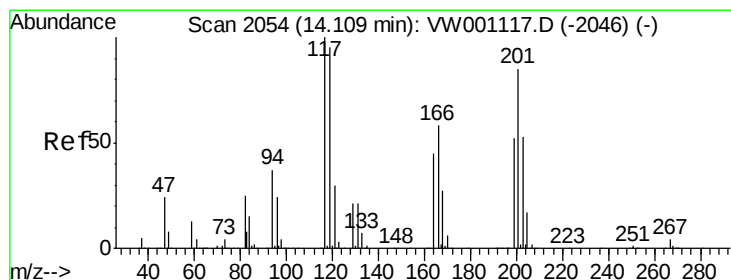
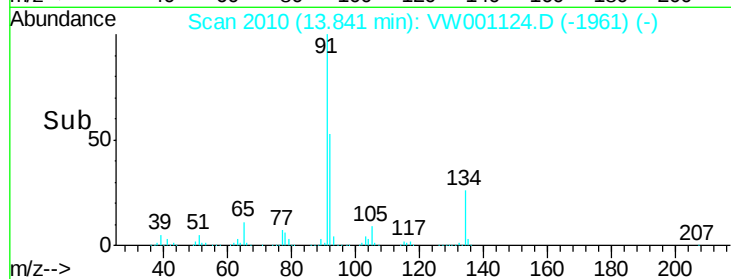
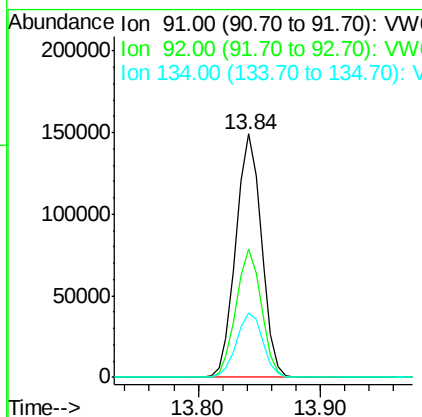
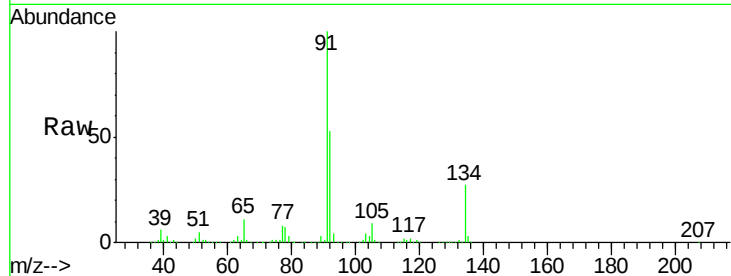
#89
n-Butylbenzene
Concen: 20.51 ug/l
RT: 13.84 min Scan# 2010
Delta R.T. 0.00 min
Lab File: VW001124.D
Acq: 29 Jan 2018 17:56

Instrument :
MSVOA_W
ClientSampleId :
VW0129SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	216352		
92	52.0		26.1	78.2
134	27.1		13.6	40.8

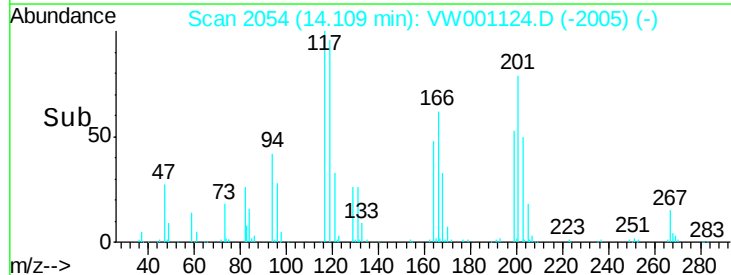
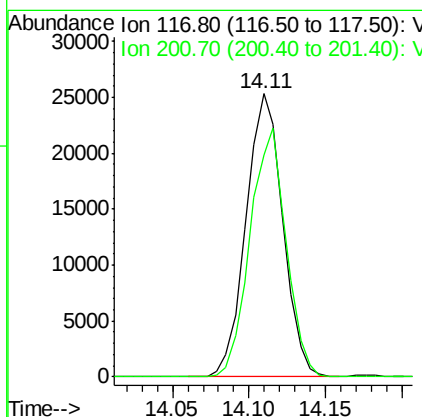
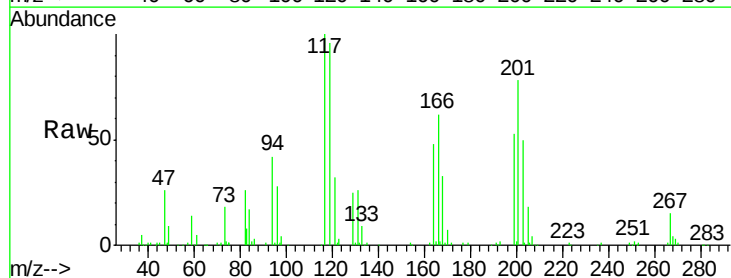
Manual Integrations
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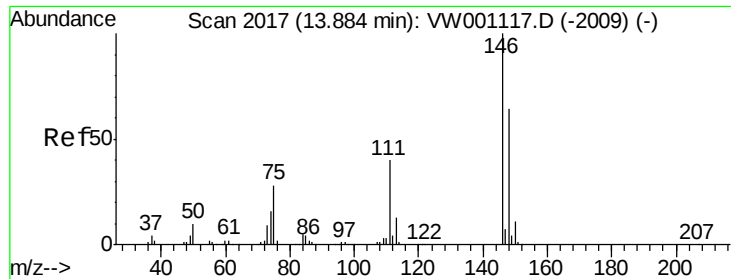
sam
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#90
Hexachloroethane
Concen: 20.04 ug/l
RT: 14.11 min Scan# 2054
Delta R.T. 0.00 min
Lab File: VW001124.D
Acq: 29 Jan 2018 17:56

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	42316		
201	86.3		43.3	129.8





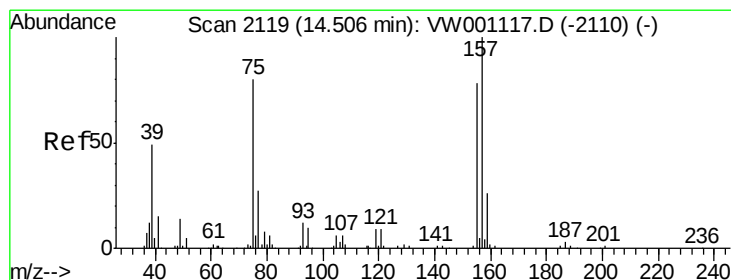
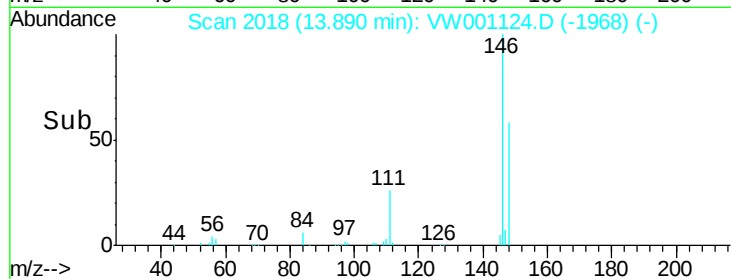
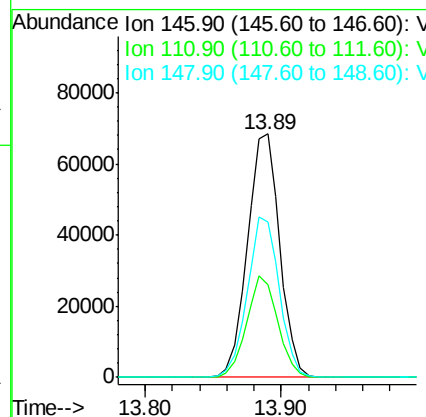
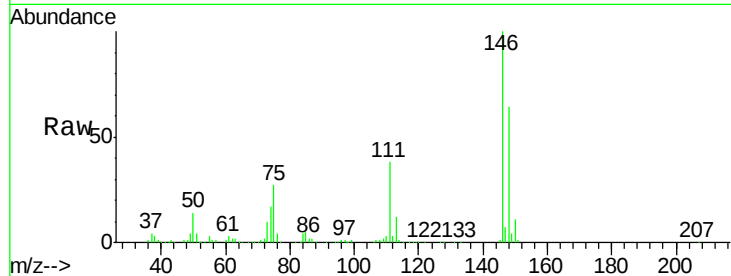
#91
 1,2-Dichlorobenzene
 Concen: 20.30 ug/l
 RT: 13.89 min Scan# 2018
 Delta R.T. 0.01 min
 Lab File: VW001124.D
 Acq: 29 Jan 2018 17:56

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0129SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	113480		
111	40.1	20.4	61.2	
148	64.9	32.2	96.6	

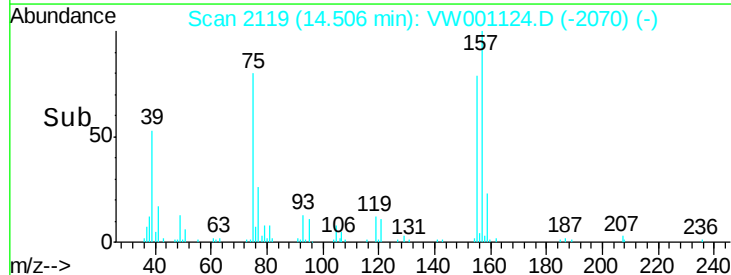
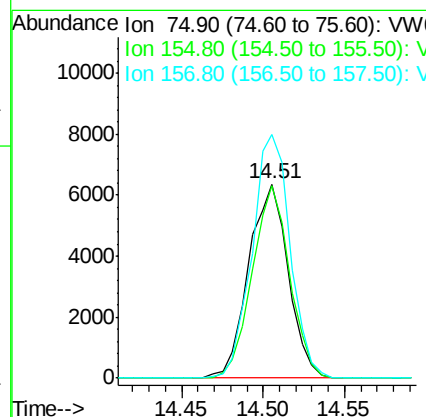
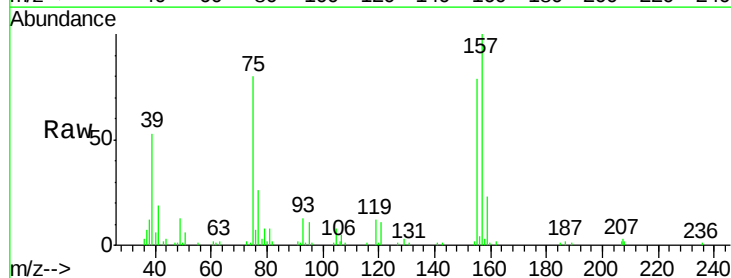
Manual Integrations
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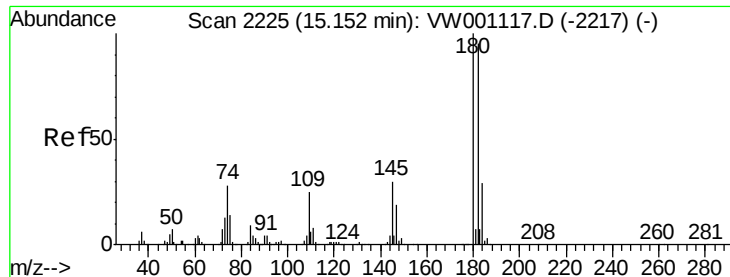
sam
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.79 ug/l
 RT: 14.51 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VW001124.D
 Acq: 29 Jan 2018 17:56

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	10711		
155	94.2	46.3	138.9	
157	121.5	60.0	180.0	





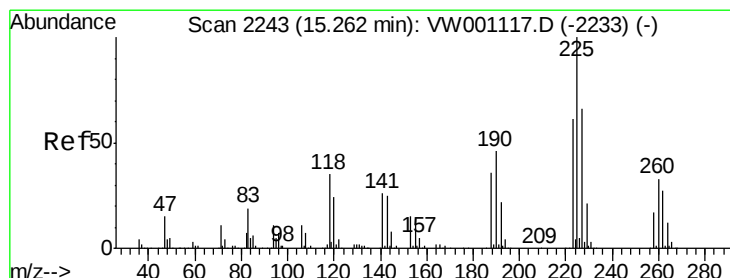
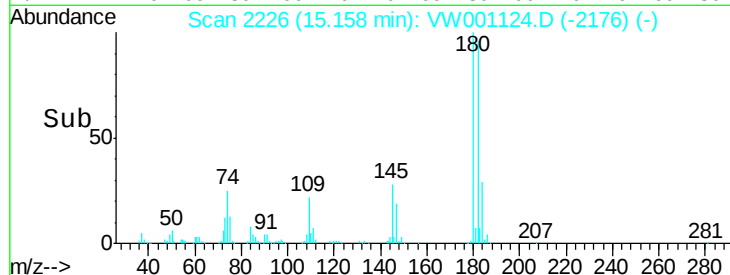
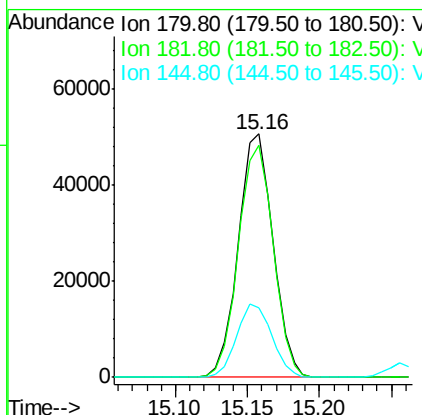
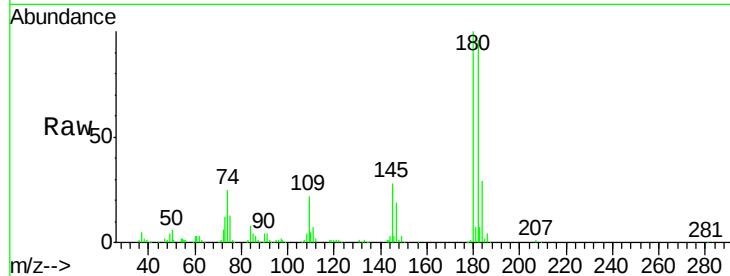
#93
 1,2,4-Trichlorobenzene
 Concen: 20.68 ug/l
 RT: 15.16 min Scan# 2226
 Delta R.T. 0.01 min
 Lab File: VW001124.D
 Acq: 29 Jan 2018 17:56

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0129SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	85050		
182	95.6	47.6	142.9	
145	30.5	15.0	45.1	

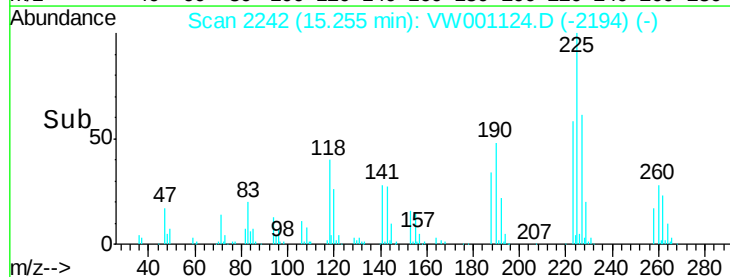
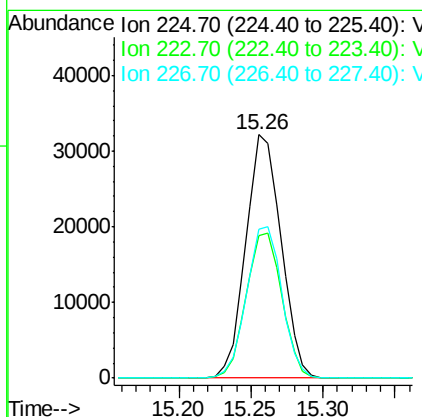
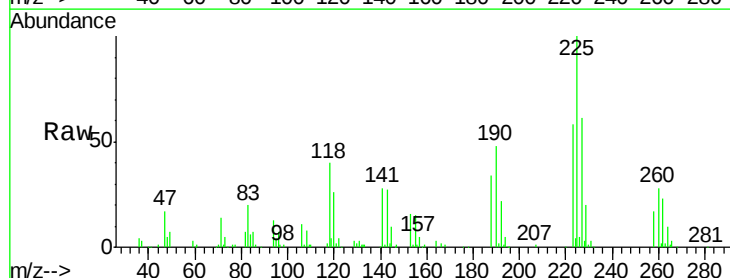
Manual Integrations
 APPROVED

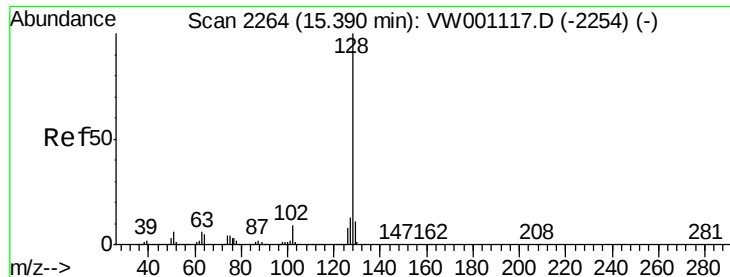
sam
 1/30/2018 5:58:48 PM



#94
 Hexachlorobutadiene
 Concen: 21.42 ug/l
 RT: 15.26 min Scan# 2242
 Delta R.T. -0.01 min
 Lab File: VW001124.D
 Acq: 29 Jan 2018 17:56

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	54489		
223	60.3	31.1	93.3	
227	62.1	32.6	97.8	





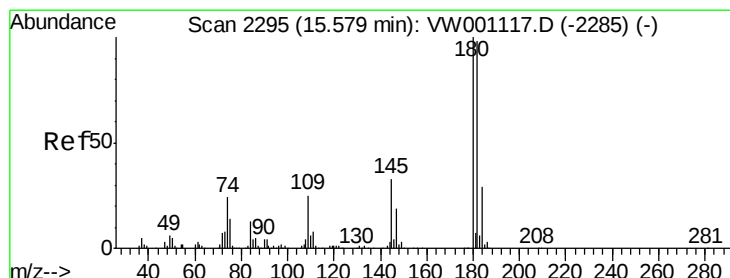
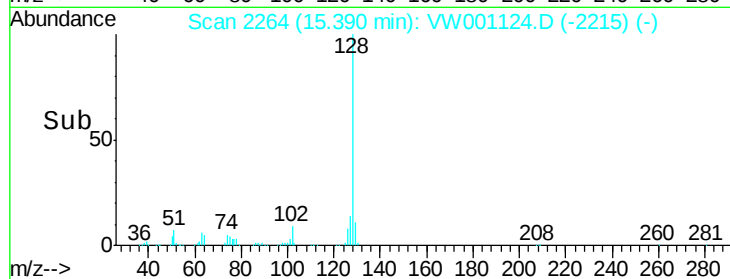
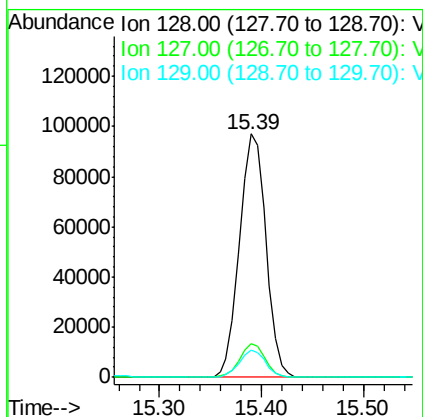
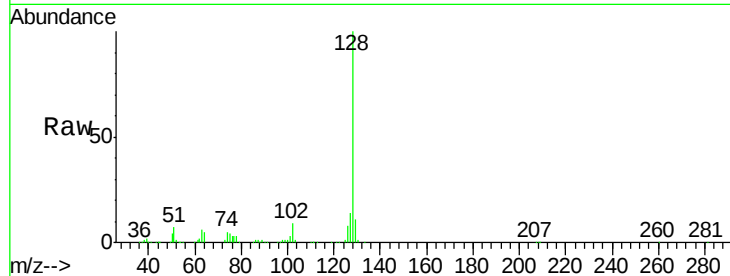
#95
Naphthalene
Concen: 21.57 ug/l
RT: 15.39 min Scan# 2264
Delta R.T. 0.00 min
Lab File: VW001124.D
Acq: 29 Jan 2018 17:56

Instrument :
MSVOA_W
ClientSampleId :
VW0129SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.7	16.1
129	11.0	8.7	13.1

Manual Integrations
APPROVED

sam
1/30/2018 5:58:48 PM



#96
1,2,3-Trichlorobenzene
Concen: 21.17 ug/l
RT: 15.58 min Scan# 2295
Delta R.T. 0.00 min
Lab File: VW001124.D
Acq: 29 Jan 2018 17:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	48.7	146.1
145	32.0	16.0	47.9

