

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW012918\
 Data File : VW001135.D
 Acq On : 29 Jan 2018 22:28
 Operator : JC/SY
 Sample : VW0129SBS01
 Misc : 5.0G/5.0ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0129SBS01

Manual Integrations
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sam
 1/30/2018 5:58:56 PM

Quant Time: Jan 30 16:45:57 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	278402	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	390984	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	364310	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	201412	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	143789	53.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.26%	
35) Dibromofluoromethane	7.88	113	125437	50.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.32%	
50) Toluene-d8	10.33	98	522304	54.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.52%	
62) 4-Bromofluorobenzene	12.63	95	190973	53.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	43802	18.57	ug/l	96
3) Chloromethane	2.22	50	41178	19.98	ug/l	98
4) Vinyl Chloride	2.36	62	38143	18.59	ug/l	100
5) Bromomethane	2.72	94	29177	20.46	ug/l	98
6) Chloroethane	2.89	64	21494	18.46	ug/l	96
7) Trichlorofluoromethane	3.24	101	72528	19.02	ug/l	95
8) Diethyl Ether	3.68	74	19898	20.06	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.04	101	51768	20.41	ug/l	99
10) Methyl Iodide	4.26	142	38294	14.30	ug/l	99
11) Tert butyl alcohol	5.20	59	23137	106.40	ug/l	98
12) 1,1-Dichloroethene	4.02	96	42529	19.19	ug/l	96
13) Acrolein	3.89	56	33409	95.66	ug/l	98
14) Allyl chloride	4.66	41	63161	19.08	ug/l	98
15) Acrylonitrile	5.37	53	70637	104.87	ug/l	99
16) Acetone	4.13	43	71726	100.79	ug/l	100
17) Carbon Disulfide	4.35	76	129782	18.86	ug/l	98
18) Methyl Acetate	4.67	43	33698	20.02	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	116392	20.30	ug/l	97
20) Methylene Chloride	4.90	84	52577	20.91	ug/l	95
21) trans-1,2-Dichloroethene	5.41	96	48947	19.78	ug/l	98
22) Diisopropyl ether	6.32	45	131073	20.67	ug/l	98
23) Vinyl Acetate	6.26	43	323374	85.10	ug/l	98
24) 1,1-Dichloroethane	6.21	63	82994	20.05	ug/l	98
25) 2-Butanone	7.18	43	94026	100.66	ug/l	97
26) 2,2-Dichloropropane	7.17	77	74631	18.23	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	53870	20.41	ug/l	98
28) Bromochloromethane	7.51	49	34991	20.80	ug/l	100
29) Tetrahydrofuran	7.53	42	56677	106.25	ug/l	99
30) Chloroform	7.67	83	91715	20.45	ug/l	98
31) Cyclohexane	7.95	56	76350	19.01	ug/l	# 95
32) 1,1,1-Trichloroethane	7.87	97	83923	19.78	ug/l	99
36) 1,1-Dichloropropene	8.08	75	67972	19.26	ug/l	99
37) Ethyl Acetate	7.26	43	41051	22.00	ug/l	98
38) Carbon Tetrachloride	8.07	117	74759	18.96	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	80810	19.39	ug/l	98
40) Benzene	8.32	78	194673	19.92	ug/l	99
41) Methacrylonitrile	7.49	41	19512	18.85	ug/l	94
42) 1,2-Dichloroethane	8.40	62	63054	20.52	ug/l	98
43) Isopropyl Acetate	8.43	43	66325	20.66	ug/l	98
44) Trichloroethene	9.09	130	57700	19.66	ug/l	100
45) 1,2-Dichloropropane	9.37	63	47965	20.38	ug/l	100
46) Dibromomethane	9.46	93	29065	19.75	ug/l	98
47) Bromodichloromethane	9.65	83	65876	19.78	ug/l	100
48) Methyl methacrylate	9.45	41	32837	21.40	ug/l	97
49) 1,4-Dioxane	9.45	88	11827	450.99	ug/l	96
51) 4-Methyl-2-Pentanone	10.22	43	188953	107.71	ug/l	99
52) Toluene	10.40	92	128110	20.41	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	64730	19.27	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	72207	19.25	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	42427	20.22	ug/l	98
56) Ethyl methacrylate	10.65	69	48292	19.63	ug/l	98
57) 1,3-Dichloropropane	10.94	76	69180	20.28	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	118212	88.94	ug/l	99
59) 2-Hexanone	10.98	43	138161	104.11	ug/l	99
60) Dibromochloromethane	11.13	129	50991	19.95	ug/l	100
61) 1,2-Dibromoethane	11.24	107	43122	20.38	ug/l	100
64) Tetrachloroethene	10.87	164	62706	21.41	ug/l	99
65) Chlorobenzene	11.66	112	146416	19.93	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	53311	19.87	ug/l	99
67) Ethyl Benzene	11.74	91	240118	19.58	ug/l	98
68) m/p-Xylenes	11.85	106	192956	40.38	ug/l	97
69) o-Xylene	12.18	106	86619	19.66	ug/l	98
70) Styrene	12.19	104	147585	20.38	ug/l	99
71) Bromoform	12.36	173	35325	20.38	ug/l #	98
73) Isopropylbenzene	12.48	105	246691	19.55	ug/l	100
74) N-amyl acetate	12.29	43	59131	20.52	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	52577	20.38	ug/l	100
76) 1,2,3-Trichloropropane	12.78	75	39629m	19.41	ug/l	
77) Bromobenzene	12.76	156	65249	19.92	ug/l	98
78) n-propylbenzene	12.82	91	296218	19.61	ug/l	100
79) 2-Chlorotoluene	12.91	91	171634	19.86	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	214344	19.87	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	12129	15.62	ug/l	100
82) 4-Chlorotoluene	13.00	91	183008	19.86	ug/l	99
83) tert-Butylbenzene	13.22	119	186837	19.60	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	220577	20.09	ug/l	99
85) sec-Butylbenzene	13.40	105	264184	19.59	ug/l	100
86) p-Isopropyltoluene	13.52	119	236068	19.69	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	127631	19.74	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	127629	19.64	ug/l	99
89) n-Butylbenzene	13.84	91	219256	19.63	ug/l	99
90) Hexachloroethane	14.11	117	43227	19.33	ug/l	100
91) 1,2-Dichlorobenzene	13.89	146	119417	20.17	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.50	75	10727	20.61	ug/l	94

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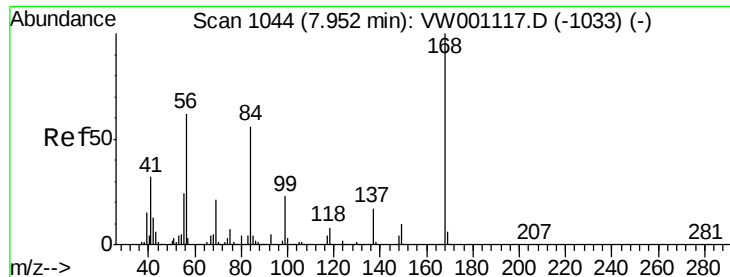
Manual Integrations
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Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W012918S.M
Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.16	180	88508	20.32	ug/l	99
94) Hexachlorobutadiene	15.26	225	54242	20.14	ug/l	99
95) Naphthalene	15.39	128	174643	20.32	ug/l	100
96) 1,2,3-Trichlorobenzene	15.58	180	82424	20.52	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW001135.D

Acq: 29 Jan 2018 22:28

Instrument :

MSVOA_W

ClientSampleId :

VW0129SBS01

Tot Ion:168 Resp: 278402

Ion Ratio Lower Upper

168 100

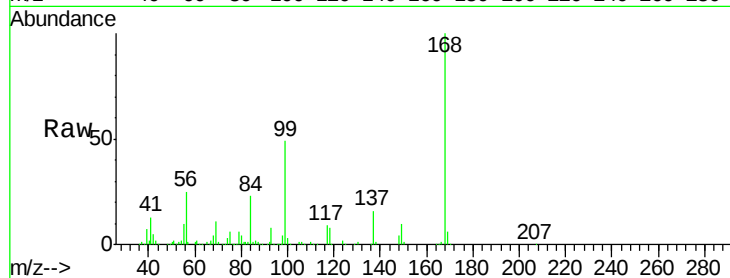
99 49.4 42.4 63.6

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Abundance Ion 167.90 (167.60 to 168.60): VW001117.D (-1033) (-)

Ion 98.90 (98.60 to 99.60): VW001117.D (-1033) (-)

7.95

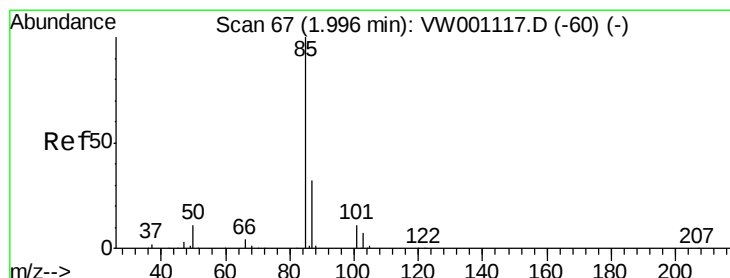
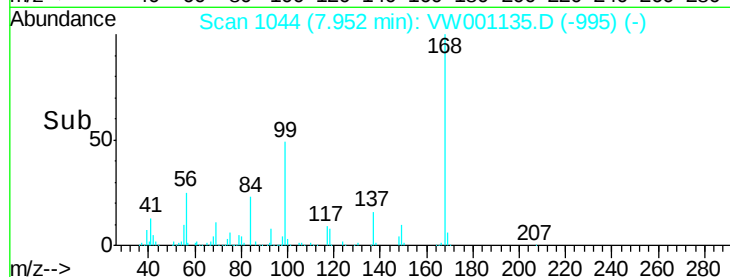
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100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.57 ug/l

RT: 2.00 min Scan# 67

Delta R.T. -0.00 min

Lab File: VW001135.D

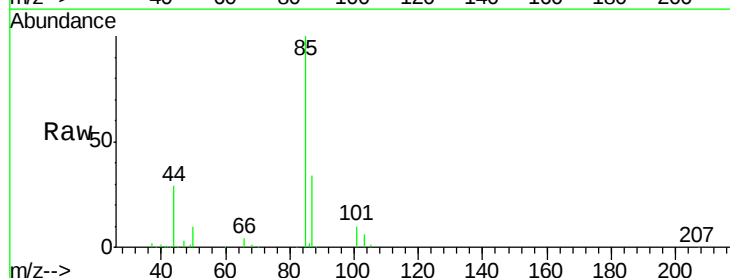
Acq: 29 Jan 2018 22:28

Tgt Ion: 85 Resp: 43802

Ion Ratio Lower Upper

85 100

87 34.4 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW001117.D (-60) (-)

Ion 86.90 (86.60 to 87.60): VW001117.D (-60) (-)

2.00

30000

25000

20000

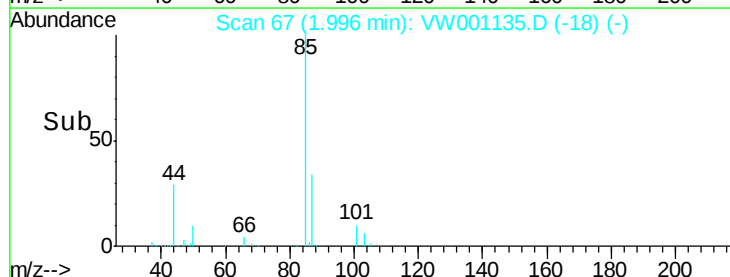
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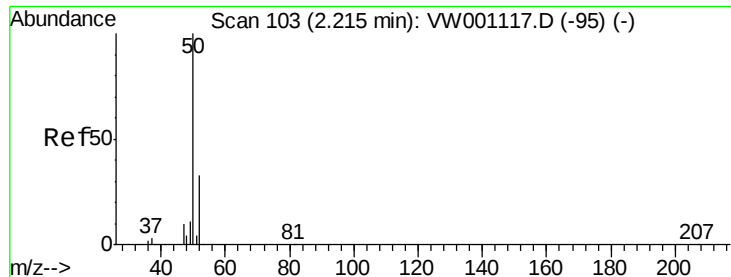
10000

5000

0

Time-->





#3

Chloromethane

Concen: 19.98 ug/l

RT: 2.22 min Scan# 103

Delta R.T. -0.00 min

Lab File: VW001135.D

Acq: 29 Jan 2018 22:28

Instrument :

MSVOA_W

ClientSampleId :

VW0129SBS01

Tot Ion: 50 Resp: 41178

Ion Ratio Lower Upper

50 100

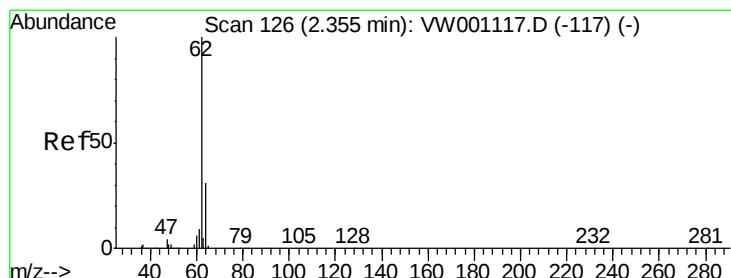
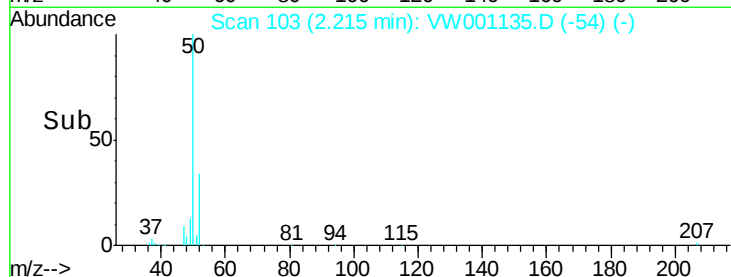
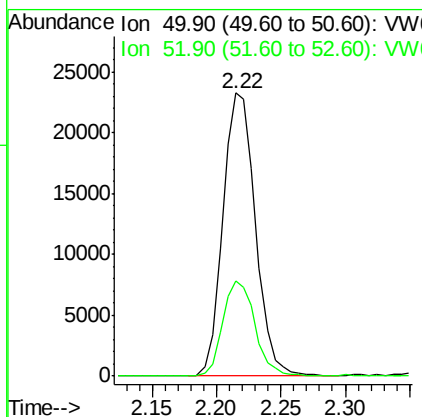
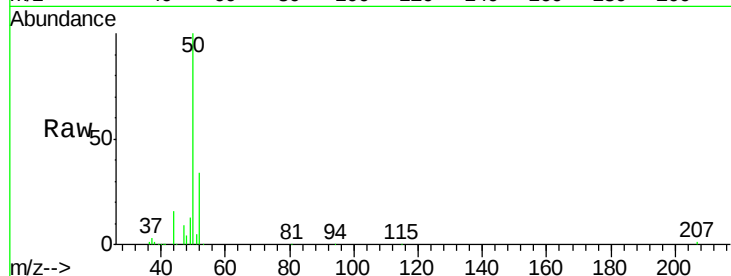
52 33.8 26.2 39.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.59 ug/l

RT: 2.36 min Scan# 126

Delta R.T. -0.00 min

Lab File: VW001135.D

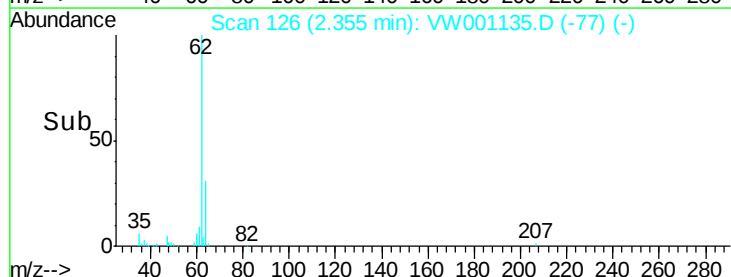
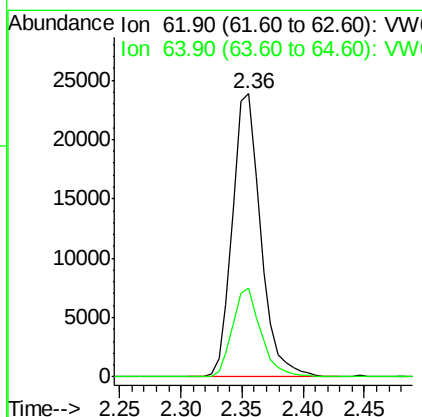
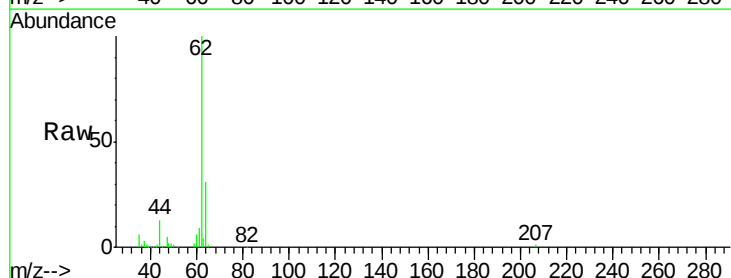
Acq: 29 Jan 2018 22:28

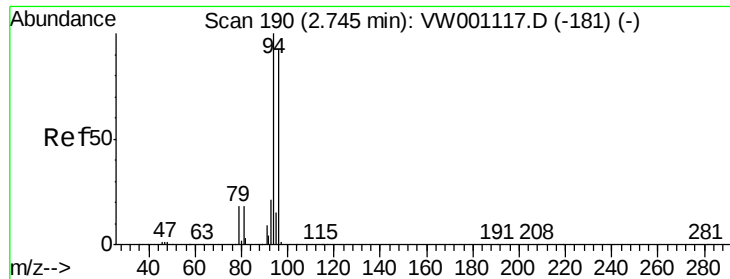
Tgt Ion: 62 Resp: 38143

Ion Ratio Lower Upper

62 100

64 31.4 25.2 37.8





#5

Bromomethane

Concen: 20.46 ug/l

RT: 2.72 min Scan# 186

Delta R.T. -0.02 min

Lab File: VW001135.D

Acq: 29 Jan 2018 22:28

Instrument :

MSVOA_W

ClientSampleId :

VW0129SBSD01

Tot Ion: 94 Resp: 29177

Ion Ratio Lower Upper

94 100

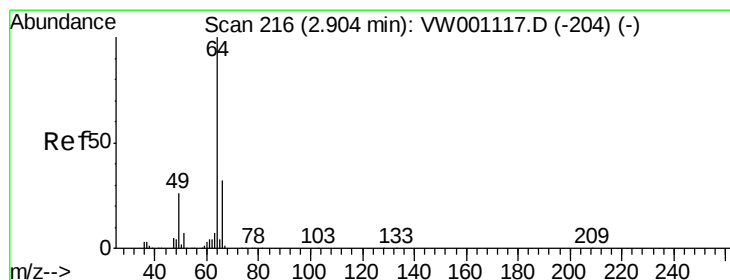
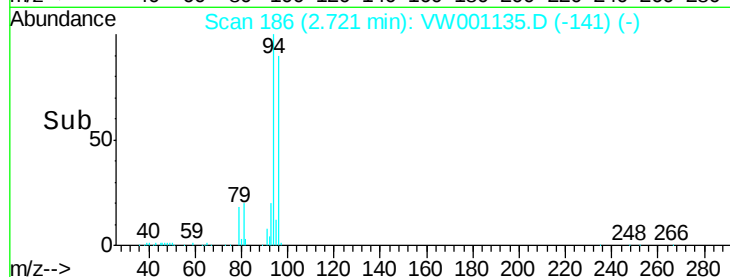
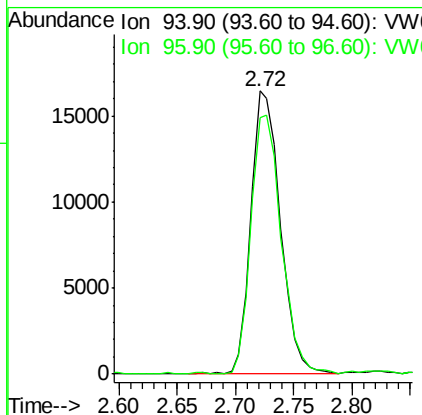
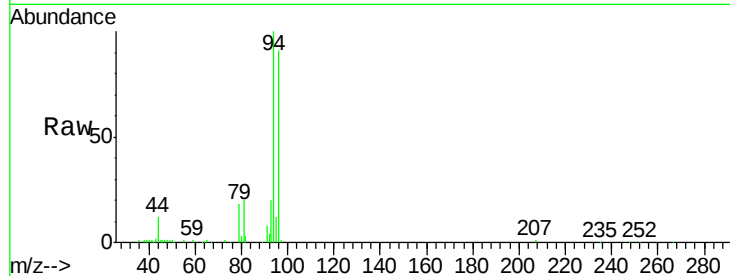
96 90.5 73.7 110.5

Manual Integrations

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#6

Chloroethane

Concen: 18.46 ug/l

RT: 2.89 min Scan# 214

Delta R.T. -0.01 min

Lab File: VW001135.D

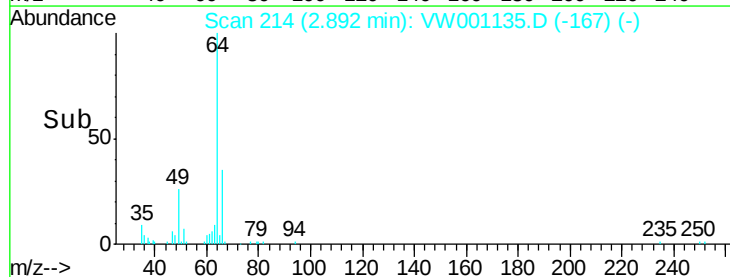
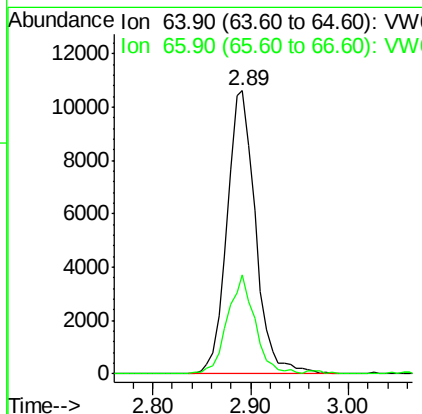
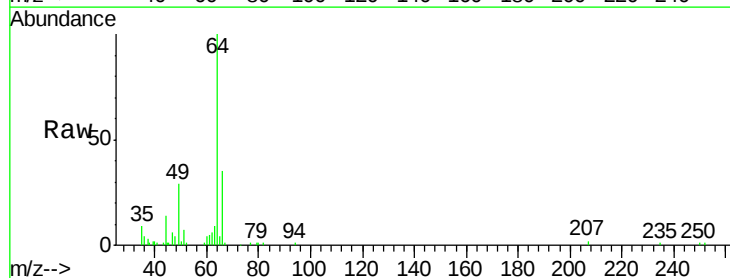
Acq: 29 Jan 2018 22:28

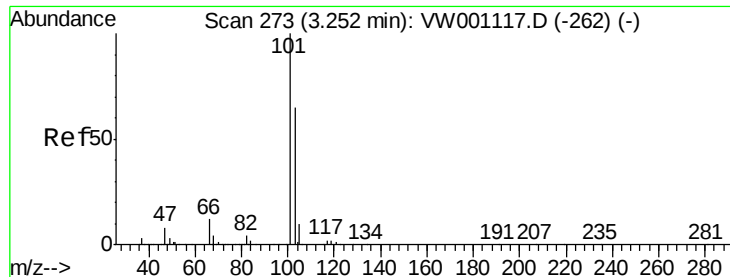
Tgt Ion: 64 Resp: 21494

Ion Ratio Lower Upper

64 100

66 34.8 25.8 38.8





#7

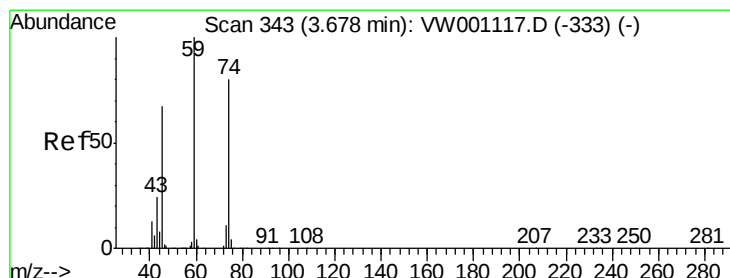
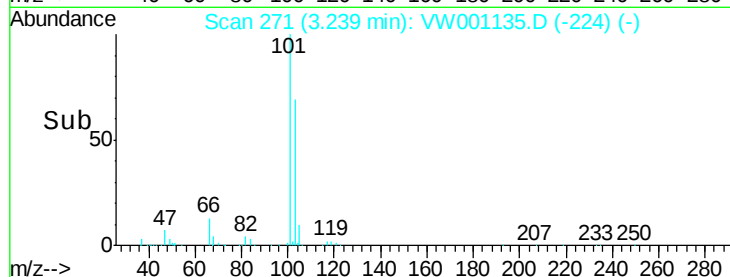
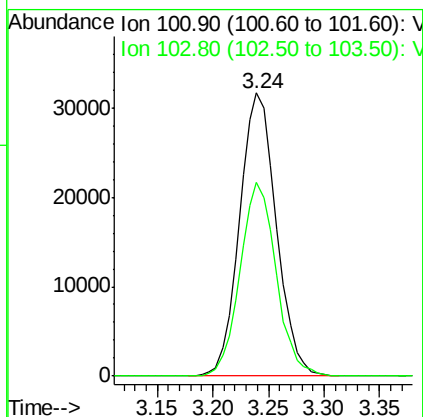
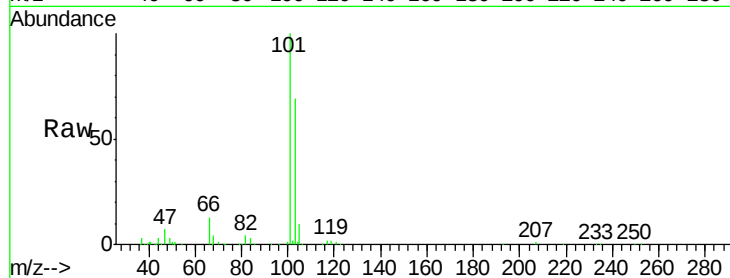
Trichlorofluoromethane
 Concen: 19.02 ug/l
 RT: 3.24 min Scan# 271
 Delta R.T. -0.01 min
 Lab File: VW001135.D
 Acq: 29 Jan 2018 22:28

Instrument :
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 ClientSampleId :
 VW0129SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	68.6	51.9	77.9

Manual Integrations
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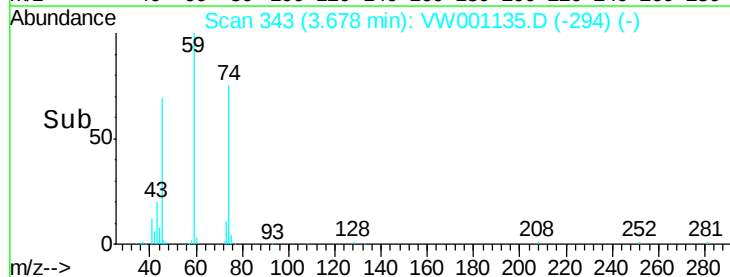
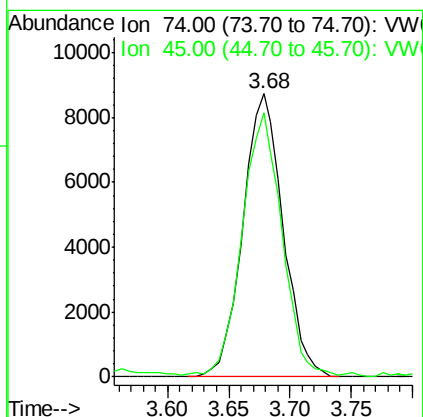
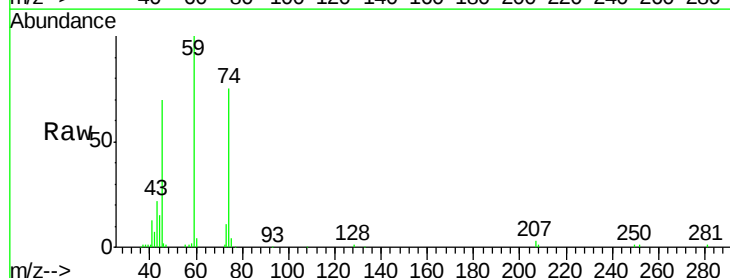
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 1/30/2018 5:58:56 PM

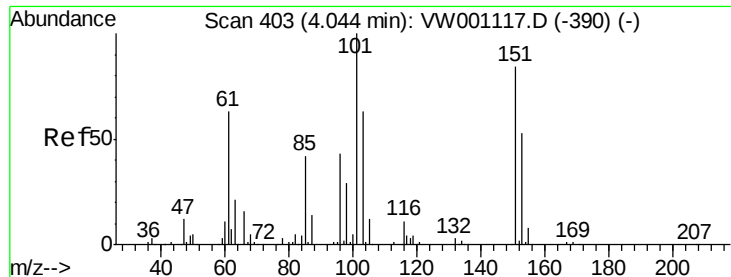


#8

Diethyl Ether
 Concen: 20.06 ug/l
 RT: 3.68 min Scan# 343
 Delta R.T. -0.00 min
 Lab File: VW001135.D
 Acq: 29 Jan 2018 22:28

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.5	46.7	140.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.41 ug/l

RT: 4.04 min Scan# 402

Delta R.T. -0.01 min

Lab File: VW001135.D

Acq: 29 Jan 2018 22:28

Instrument :

MSVOA_W

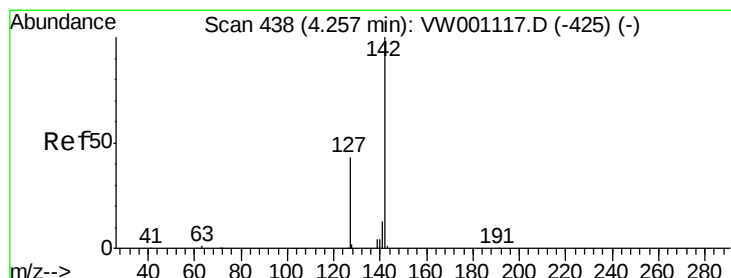
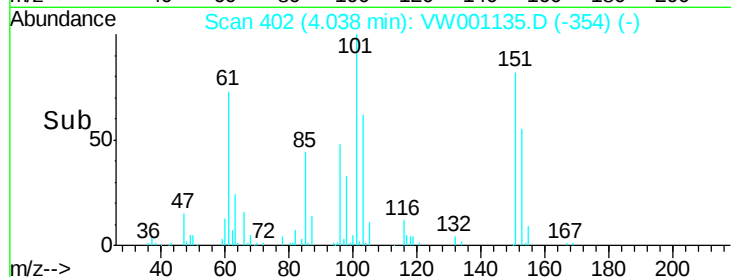
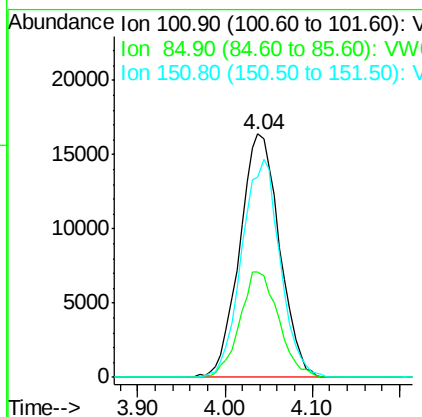
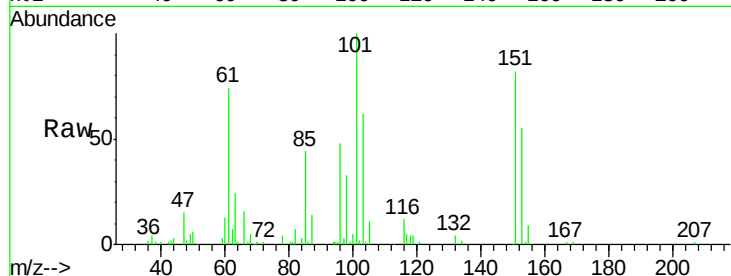
ClientSampleId :

VW0129SBS01

Tot Ion:	101	Resp:	51768
Ion Ratio	Lower	Upper	
101	100		
85	42.3	34.9	52.3
151	86.5	68.6	103.0

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#10

Methyl Iodide

Concen: 14.30 ug/l

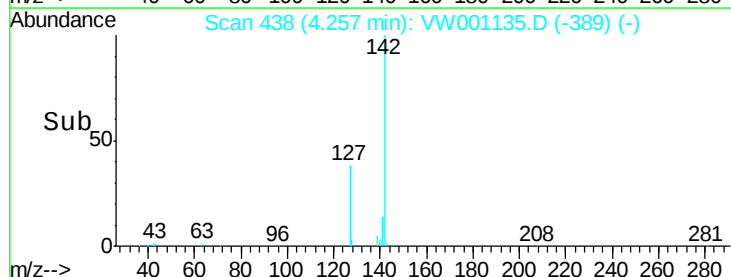
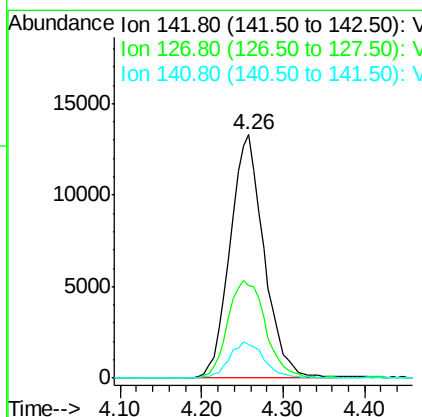
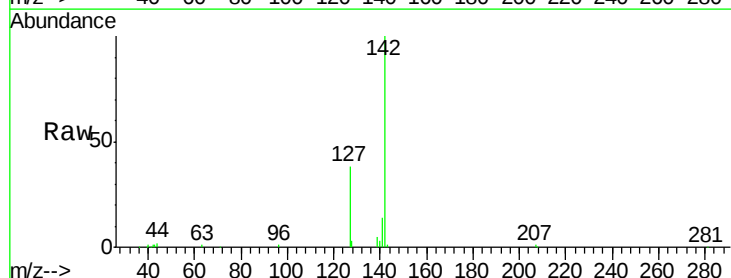
RT: 4.26 min Scan# 438

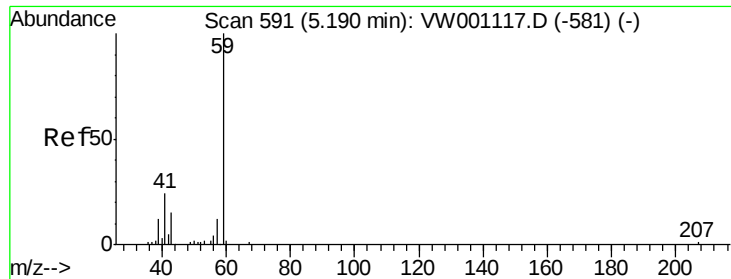
Delta R.T. -0.00 min

Lab File: VW001135.D

Acq: 29 Jan 2018 22:28

Tgt Ion:	142	Resp:	38294
Ion Ratio	Lower	Upper	
142	100		
127	44.4	35.4	53.2
141	15.2	11.6	17.4





#11

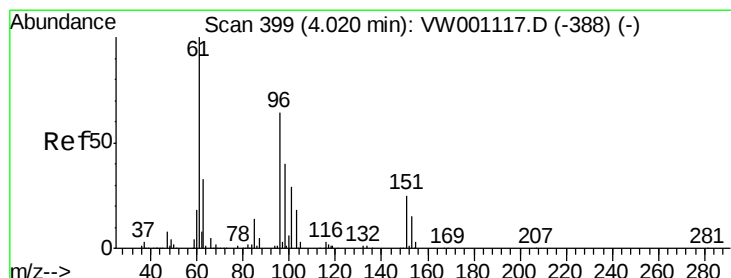
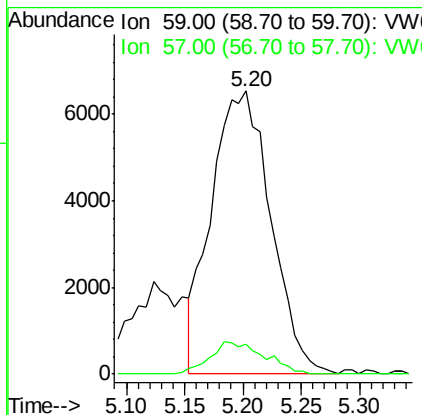
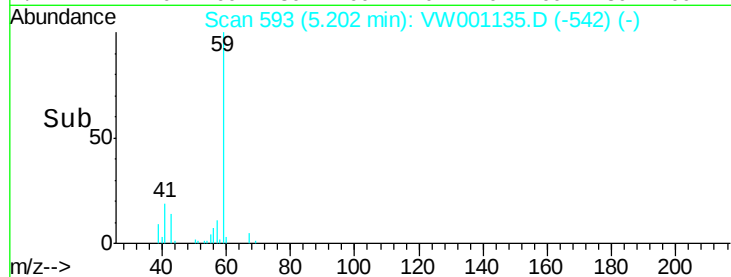
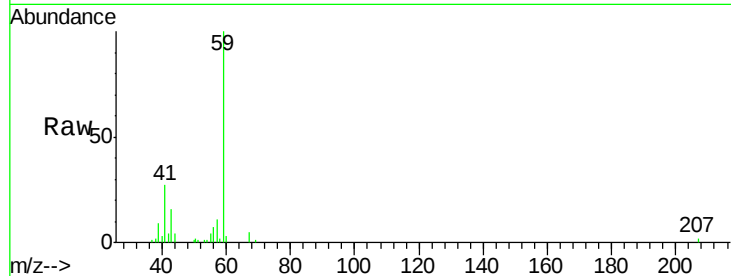
Tert butyl alcohol
Concen: 106.40 ug/l
RT: 5.20 min Scan# 593
Delta R.T. 0.01 min
Lab File: VW001135.D
Acq: 29 Jan 2018 22:28

Instrument :
MSVOA_W
ClientSampleId :
VW0129SBS01

Tot Ion	59	Resp	23137
Ion Ratio	100	Lower	Upper
59	100		
57	10.5	7.8	11.8

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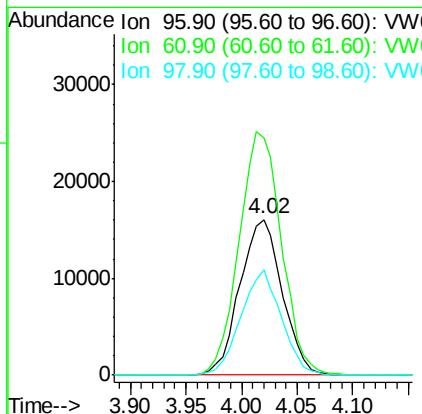
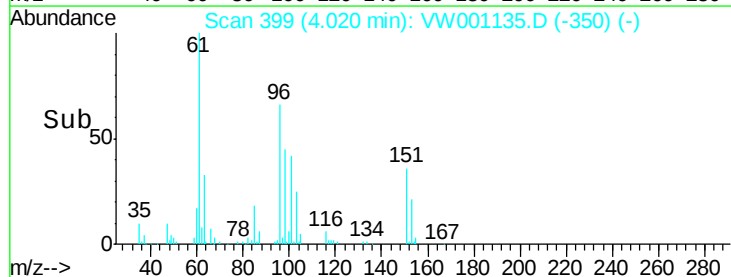
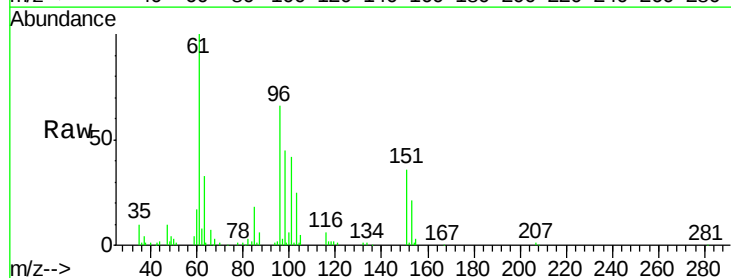
sam
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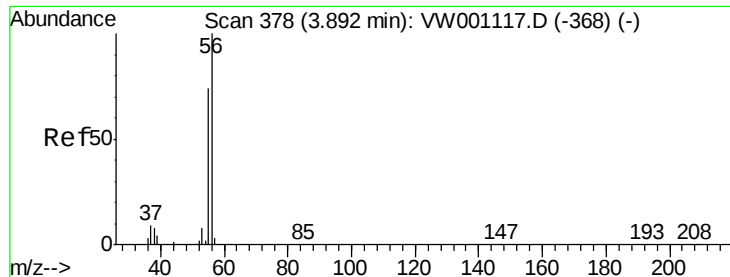


#12

1,1-Dichloroethene
Concen: 19.19 ug/l
RT: 4.02 min Scan# 399
Delta R.T. -0.00 min
Lab File: VW001135.D
Acq: 29 Jan 2018 22:28

Tgt Ion	96	Resp	42529
Ion Ratio	100	Lower	Upper
96	100		
61	152.1	125.2	187.8
98	67.9	50.3	75.5





#13

Acrolein

Concen: 95.66 ug/l

RT: 3.89 min Scan# 377

Delta R.T. -0.01 min

Lab File: VW001135.D

Acq: 29 Jan 2018 22:28

Instrument :

MSVOA_W

ClientSampleId :

VW0129SBSD01

Tot Ion: 56 Resp: 33409

Ion Ratio Lower Upper

56 100

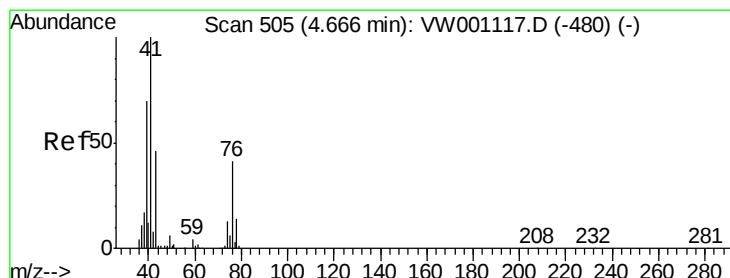
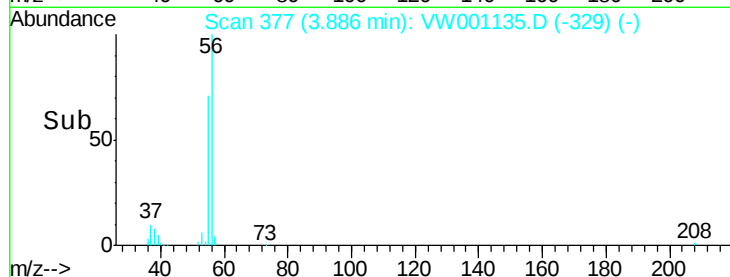
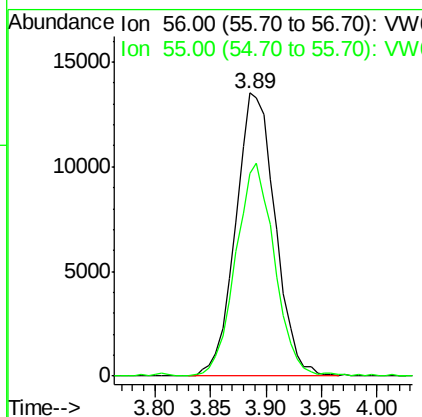
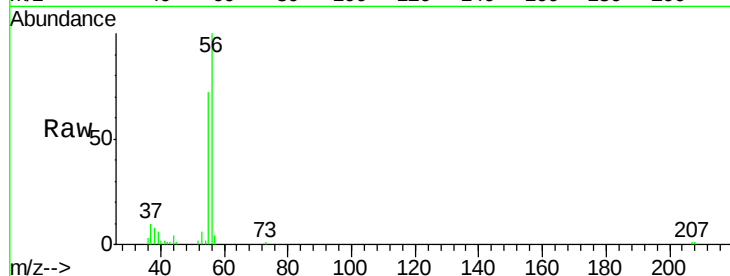
55 74.1 58.2 87.4

Manual Integrations

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#14

Allyl chloride

Concen: 19.08 ug/l

RT: 4.66 min Scan# 504

Delta R.T. -0.01 min

Lab File: VW001135.D

Acq: 29 Jan 2018 22:28

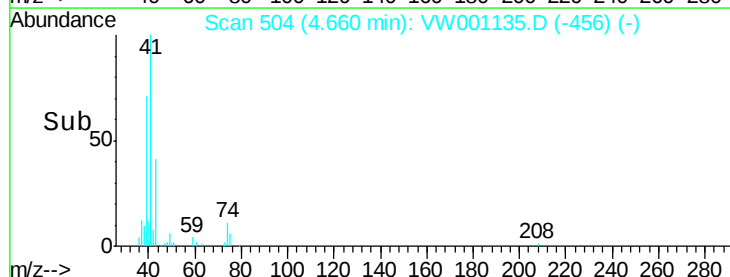
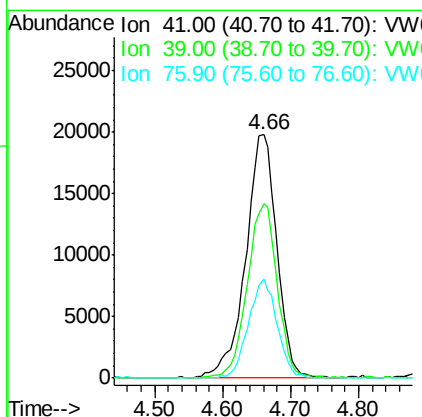
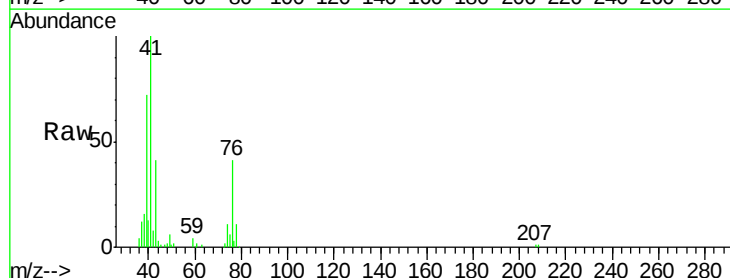
Tgt Ion: 41 Resp: 63161

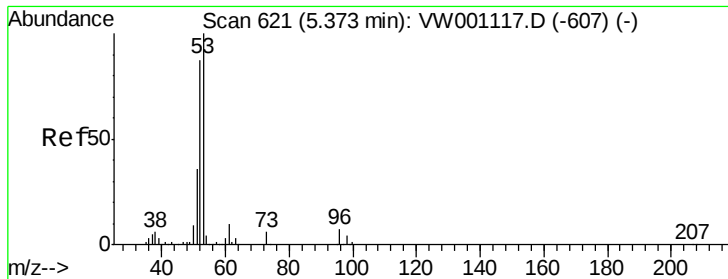
Ion Ratio Lower Upper

41 100

39 69.1 55.9 83.9

76 37.1 31.0 46.6





#15

Acrylonitrile

Concen: 104.87 ug/l

RT: 5.37 min Scan# 621

Delta R.T. -0.00 min

Lab File: VW001135.D

Acq: 29 Jan 2018 22:28

Instrument :

MSVOA_W

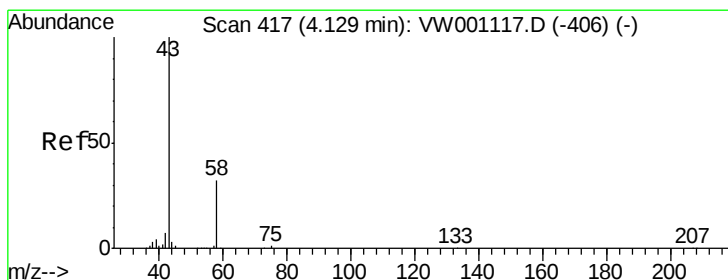
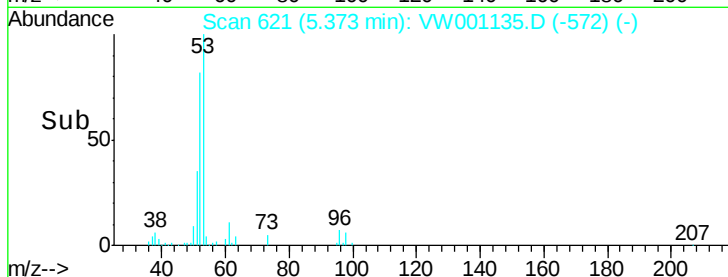
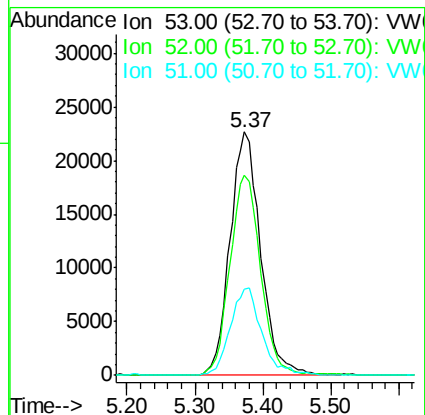
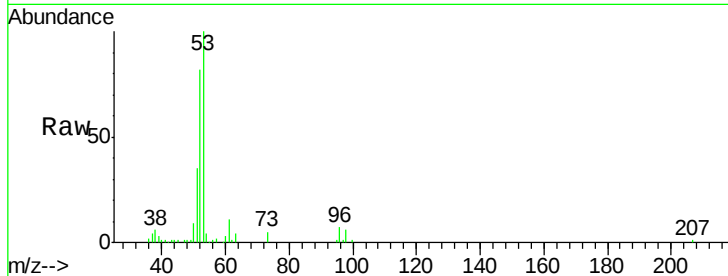
ClientSampleId :

VW0129SBS01

Tot Ion:	53	Resp:	70637
Ion	Ratio	Lower	Upper
53	100		
52	82.4	66.9	100.3
51	37.1	29.5	44.3

Manual Integrations
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#16

Acetone

Concen: 100.79 ug/l

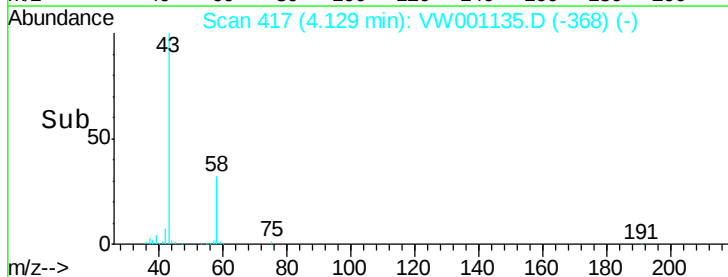
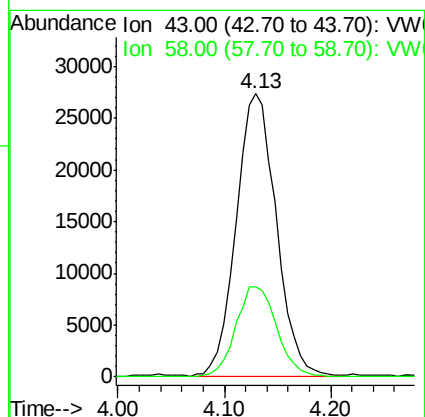
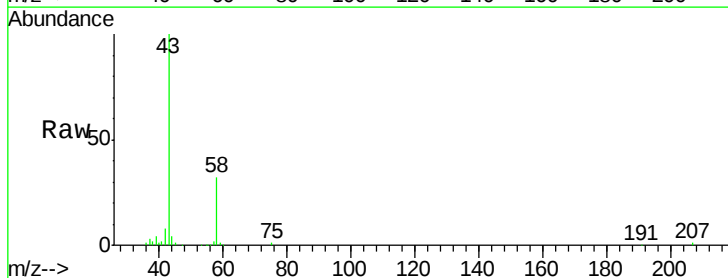
RT: 4.13 min Scan# 417

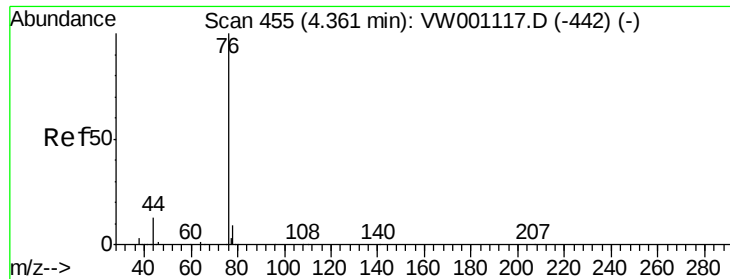
Delta R.T. -0.00 min

Lab File: VW001135.D

Acq: 29 Jan 2018 22:28

Tgt Ion:	43	Resp:	71726
Ion	Ratio	Lower	Upper
43	100		
58	32.0	25.7	38.5





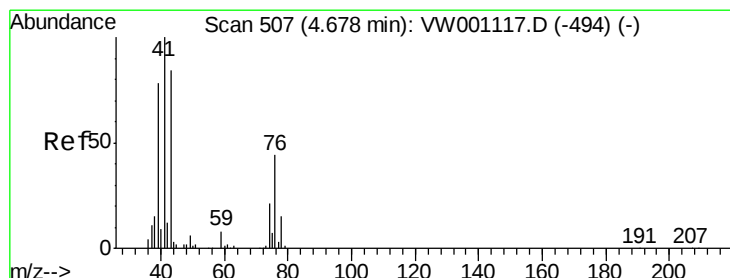
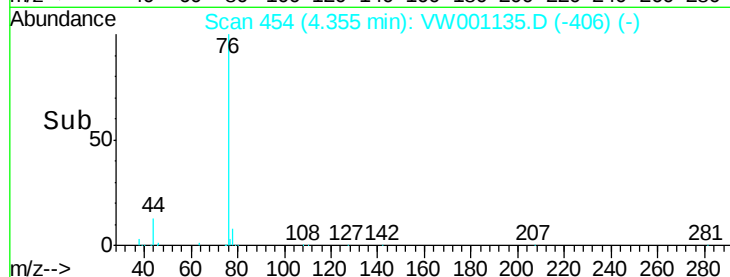
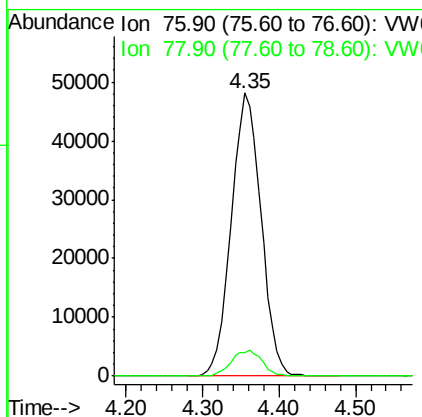
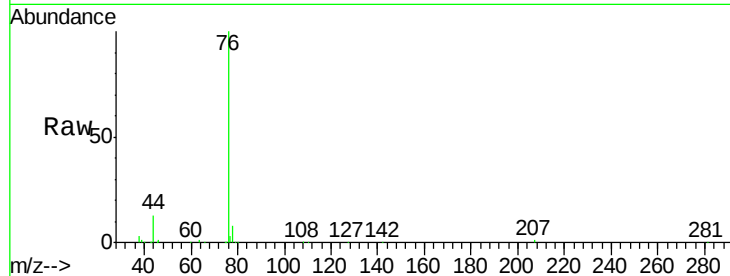
#17
Carbon Disulfide
Concen: 18.86 ug/l
RT: 4.35 min Scan# 454
Delta R.T. -0.01 min
Lab File: VW001135.D
Acq: 29 Jan 2018 22:28

Instrument :
MSVOA_W
ClientSampleId :
VW0129SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.3	7.1	10.7

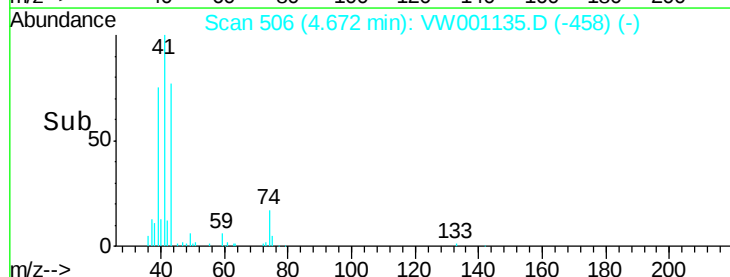
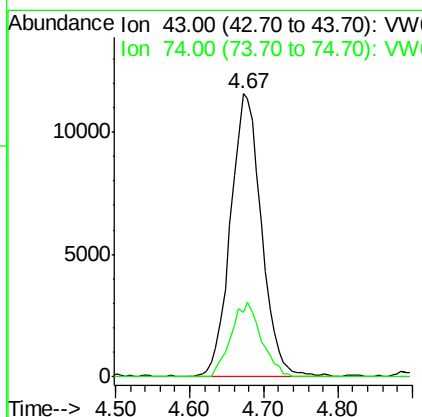
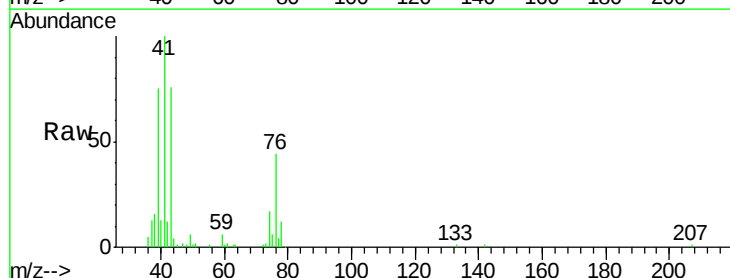
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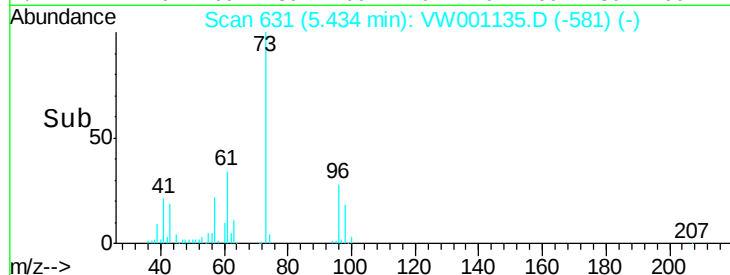
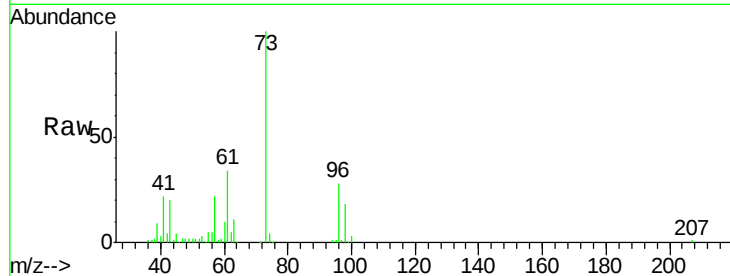
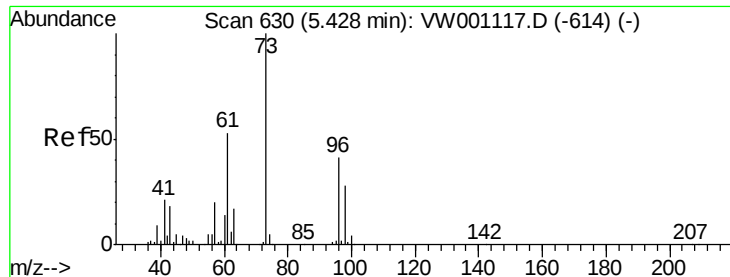
sam
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#18
Methyl Acetate
Concen: 20.02 ug/l
RT: 4.67 min Scan# 506
Delta R.T. -0.01 min
Lab File: VW001135.D
Acq: 29 Jan 2018 22:28

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.7	20.2	30.2





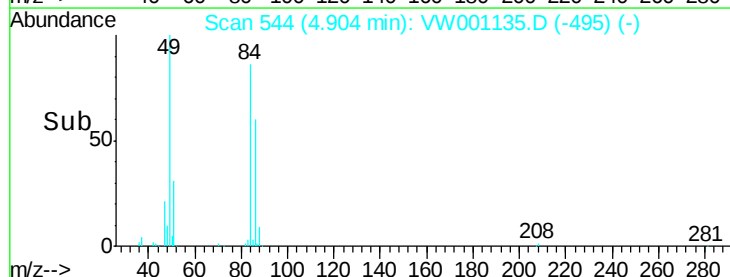
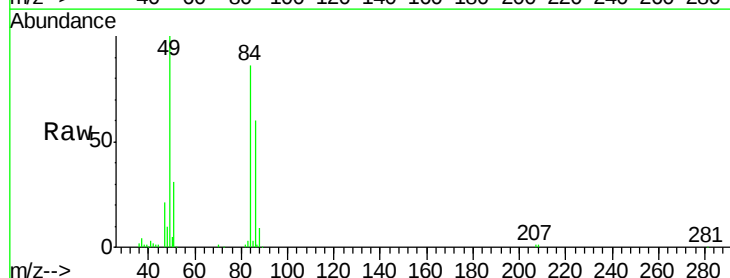
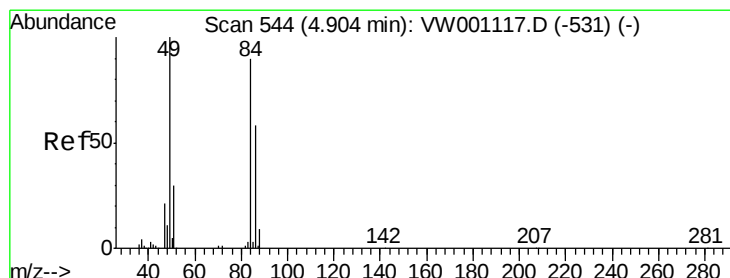
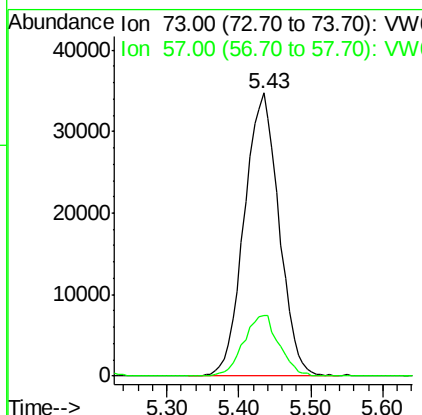
#19
Methyl tert-butyl Ether
Concen: 20.30 ug/l
RT: 5.43 min Scan# 631
Delta R.T. 0.01 min
Lab File: VW001135.D
Acq: 29 Jan 2018 22:28

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.6	16.1	24.1

Instrument :
MSVOA_W
ClientSampleId :
VW0129SBS01

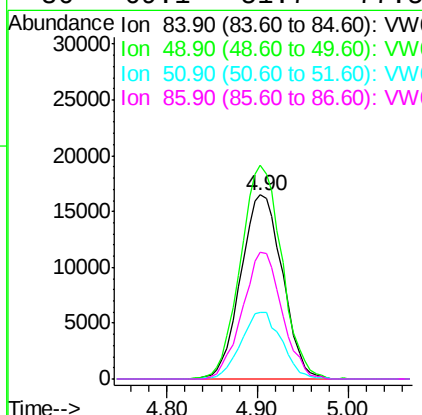
Manual Integrations
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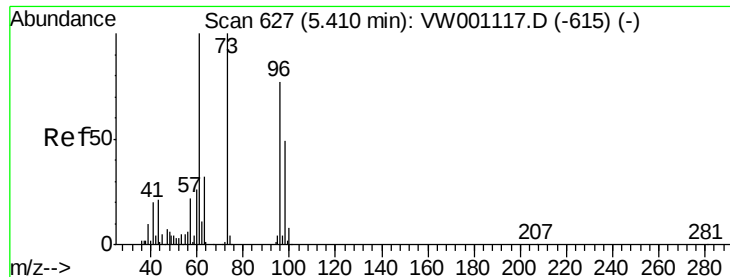
sam
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#20
Methylene Chloride
Concen: 20.91 ug/l
RT: 4.90 min Scan# 544
Delta R.T. 0.00 min
Lab File: VW001135.D
Acq: 29 Jan 2018 22:28

Tgt Ion	Ratio	Lower	Upper
84	100		
49	116.1	89.2	133.8
51	36.4	26.7	40.1
86	69.1	51.7	77.5





#21

trans-1,2-Dichloroethene

Concen: 19.78 ug/l

RT: 5.41 min Scan# 627

Delta R.T. -0.00 min

Lab File: VW001135.D

Acq: 29 Jan 2018 22:28

Instrument :

MSVOA_W

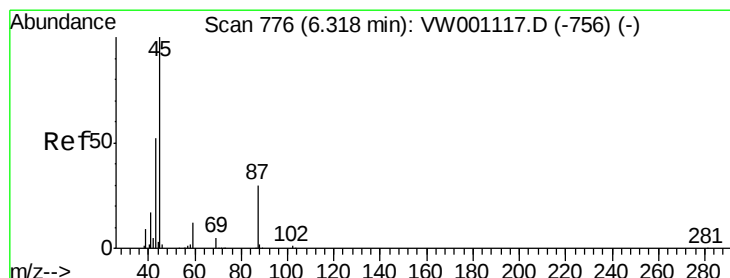
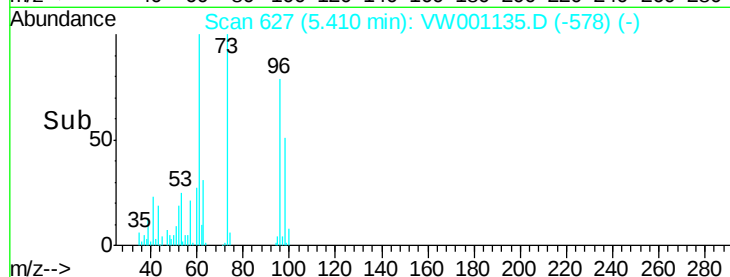
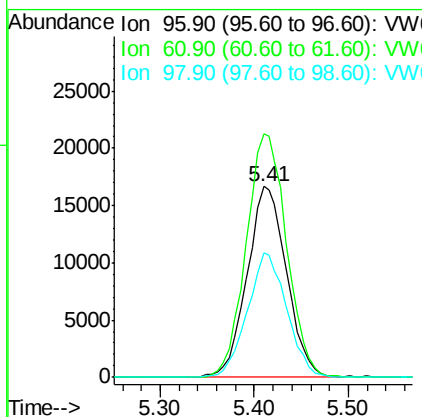
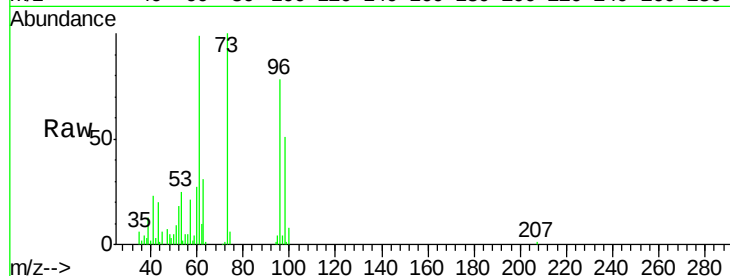
ClientSampleId :

VW0129SBSD01

Tot Ion:	96	Resp:	48947
Ion	Ratio	Lower	Upper
96	100		
61	127.7	104.6	156.8
98	65.1	50.8	76.2

Manual Integrations
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#22

Diisopropyl ether

Concen: 20.67 ug/l

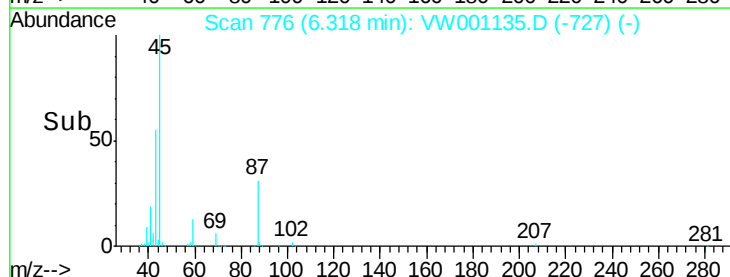
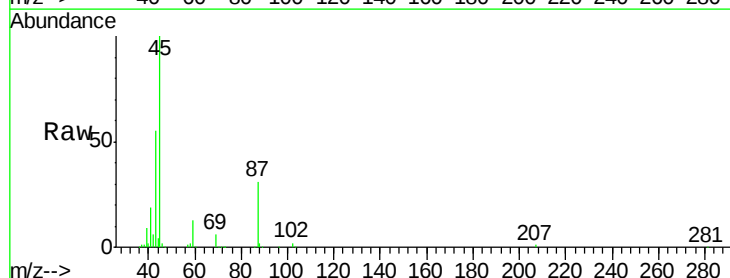
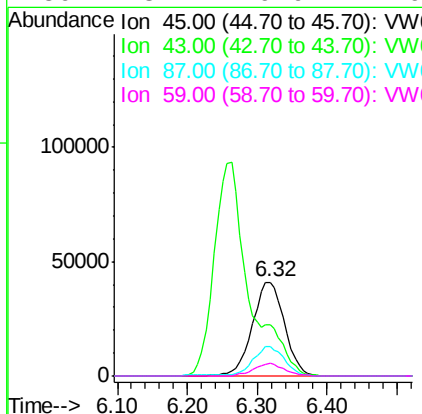
RT: 6.32 min Scan# 776

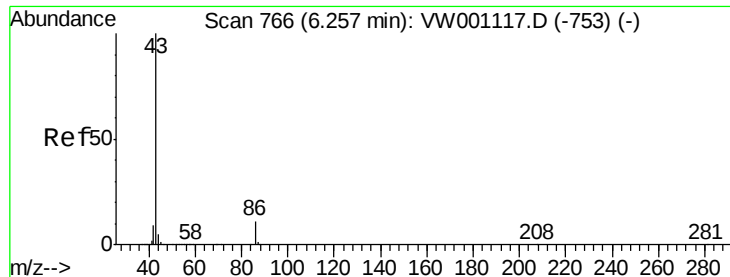
Delta R.T. -0.00 min

Lab File: VW001135.D

Acq: 29 Jan 2018 22:28

Tgt Ion:	45	Resp:	131073
Ion	Ratio	Lower	Upper
45	100		
43	54.4	41.6	62.4
87	30.8	24.5	36.7
59	13.1	9.9	14.9





#23

Vinyl Acetate

Concen: 85.10 ug/l

RT: 6.26 min Scan# 767

Delta R.T. 0.01 min

Lab File: VW001135.D

Acq: 29 Jan 2018 22:28

Instrument :

MSVOA_W

ClientSampleId :

VW0129SBS01

Tot Ion: 43 Resp: 323374

Ion Ratio Lower Upper

43 100

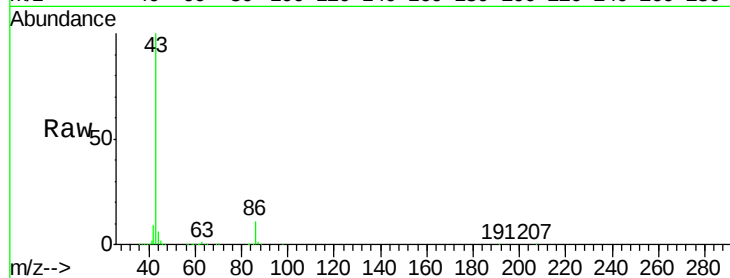
86 10.7 9.0 13.6

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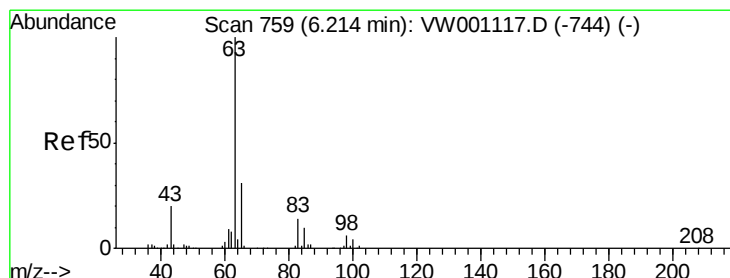
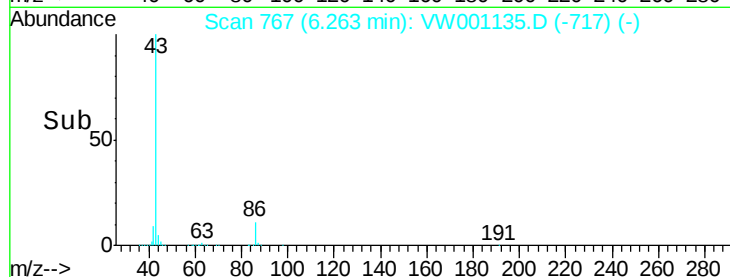
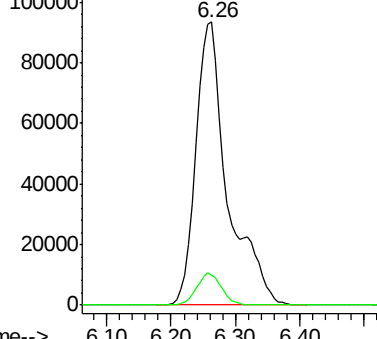
sam

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 20.05 ug/l

RT: 6.21 min Scan# 759

Delta R.T. -0.00 min

Lab File: VW001135.D

Acq: 29 Jan 2018 22:28

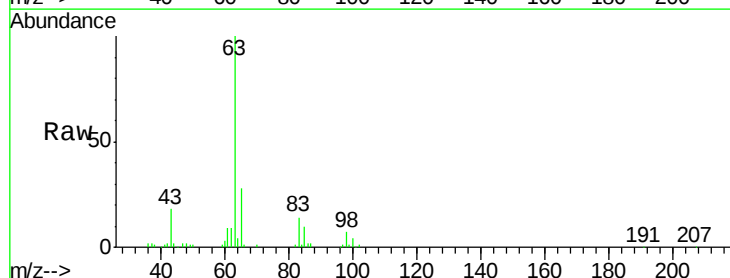
Tgt Ion: 63 Resp: 82994

Ion Ratio Lower Upper

63 100

98 7.0 3.0 9.2

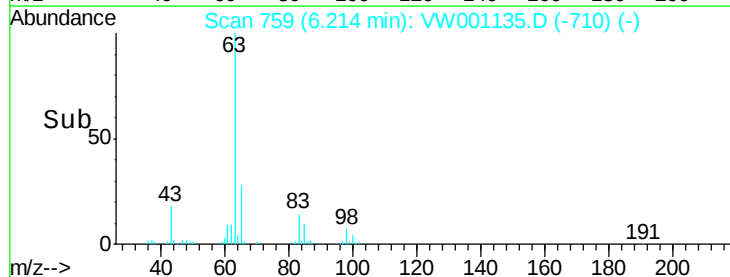
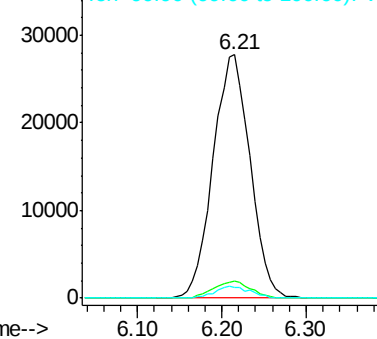
100 4.5 2.1 6.3

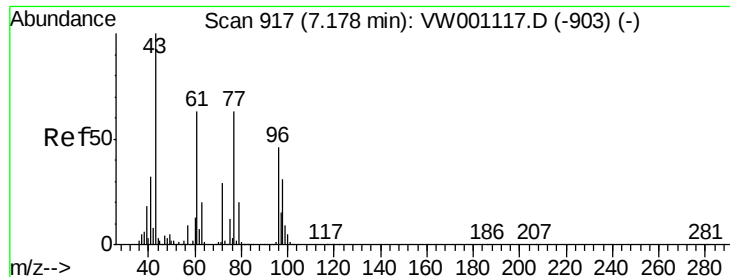


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 100.66 ug/l

RT: 7.18 min Scan# 917

Delta R.T. -0.00 min

Lab File: VW001135.D

Acq: 29 Jan 2018 22:28

Tot Ion: 43 Resp: 94026

Ion Ratio Lower Upper

43 100

72 27.2 22.8 34.2

Instrument :

MSVOA_W

ClientSampleId :

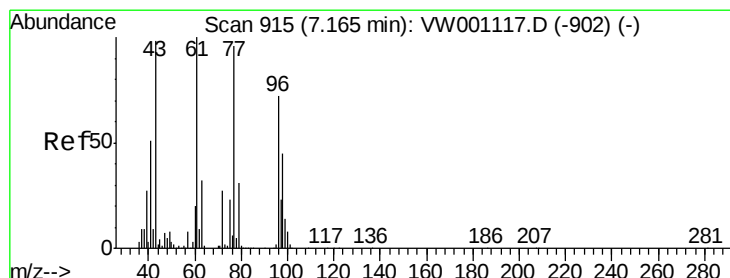
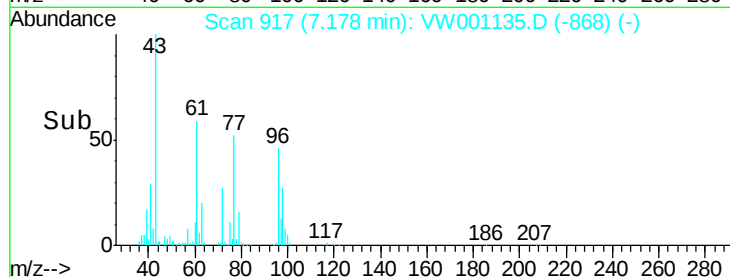
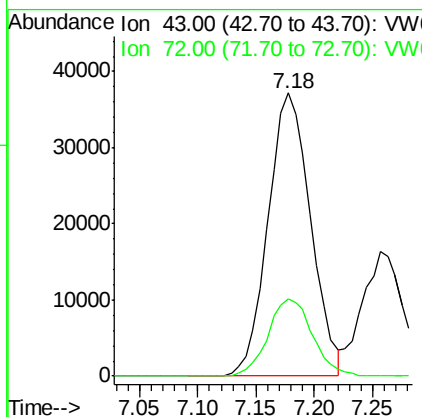
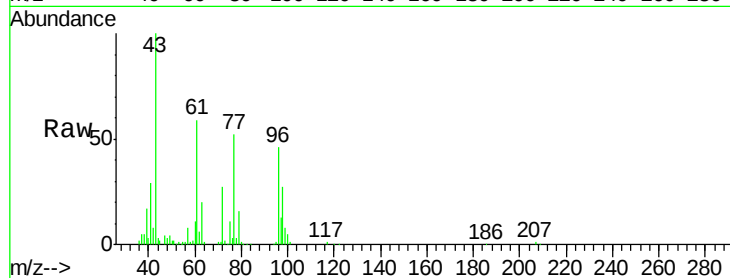
VW0129SBS01

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#26

2,2-Dichloropropane

Concen: 18.23 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW001135.D

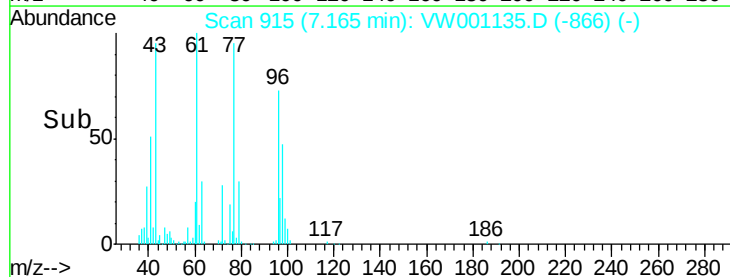
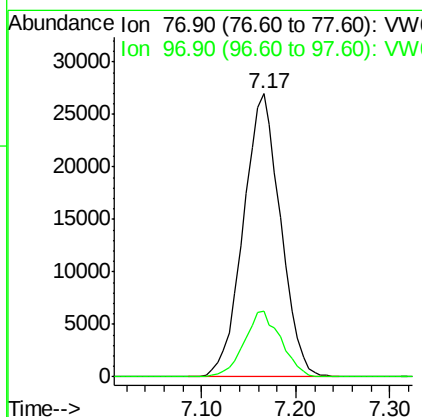
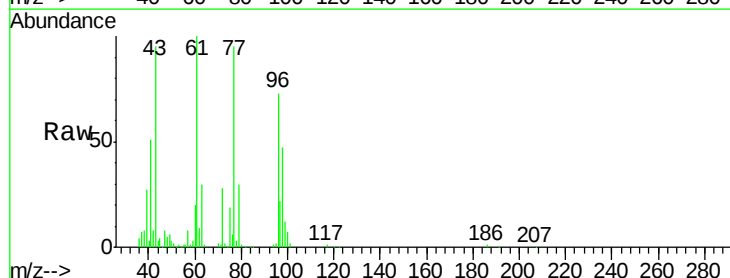
Acq: 29 Jan 2018 22:28

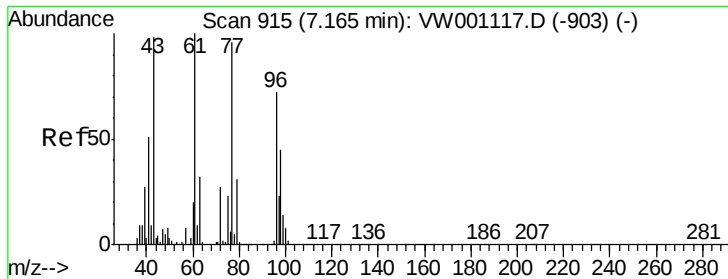
Tgt Ion: 77 Resp: 74631

Ion Ratio Lower Upper

77 100

97 23.1 11.6 34.7





#27

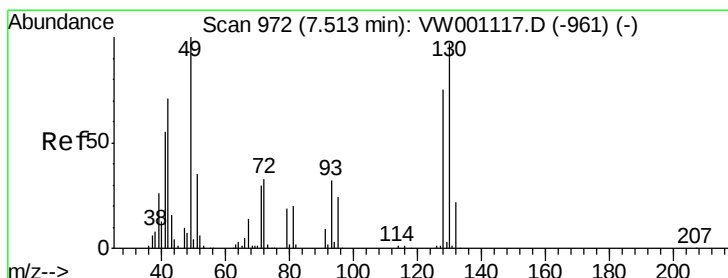
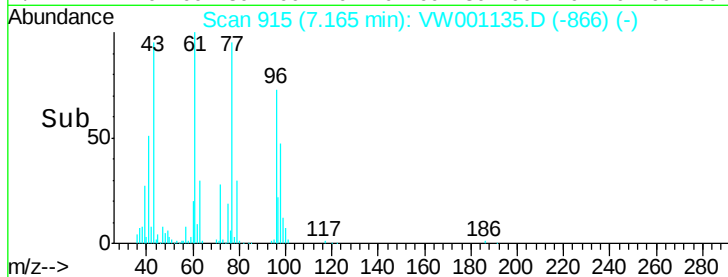
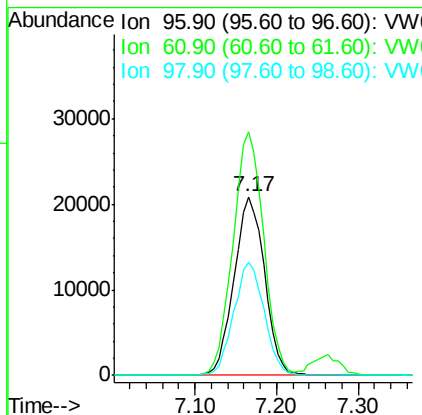
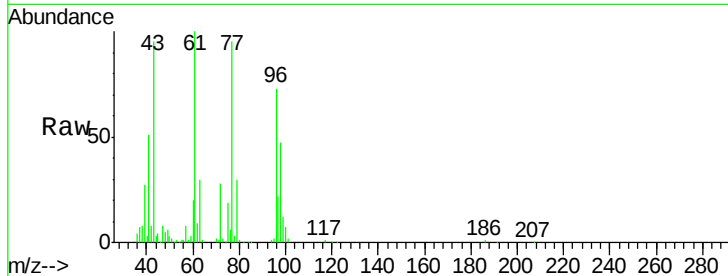
cis-1,2-Dichloroethene
Concen: 20.41 ug/l
RT: 7.17 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW001135.D
Acq: 29 Jan 2018 22:28

Instrument :
MSVOA_W
ClientSampleId :
VW0129SBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	137.5	0.0	280.4
98	63.2	0.0	129.6

Manual Integrations
APPROVED

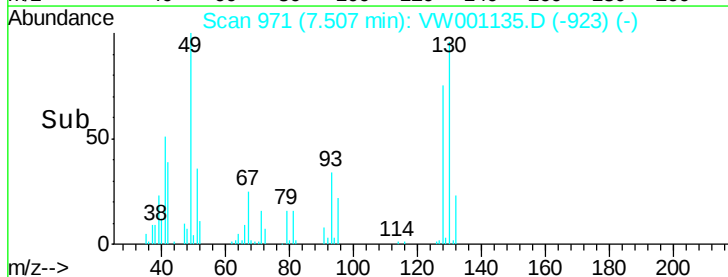
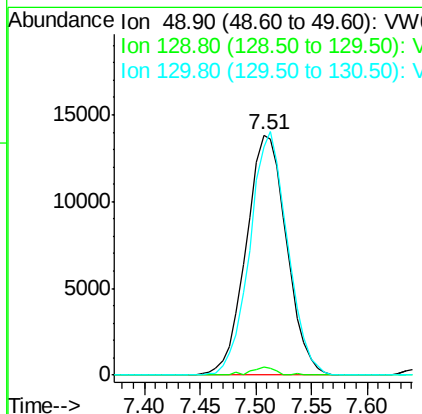
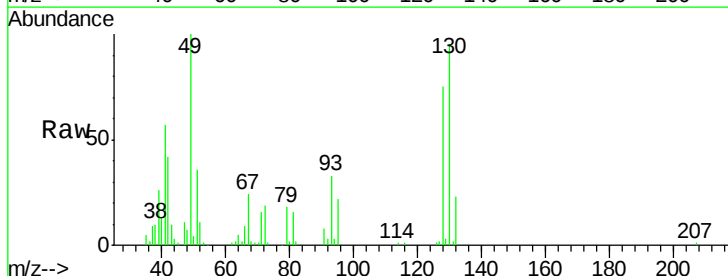
sam
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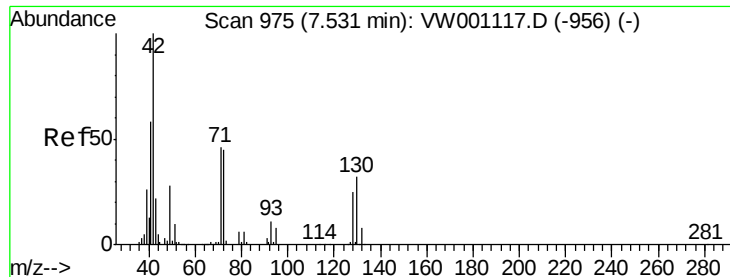


#28

Bromochloromethane
Concen: 20.80 ug/l
RT: 7.51 min Scan# 971
Delta R.T. -0.01 min
Lab File: VW001135.D
Acq: 29 Jan 2018 22:28

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	2.6
130	94.4	75.5	113.3





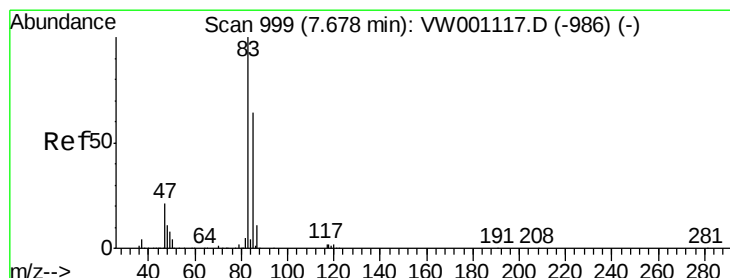
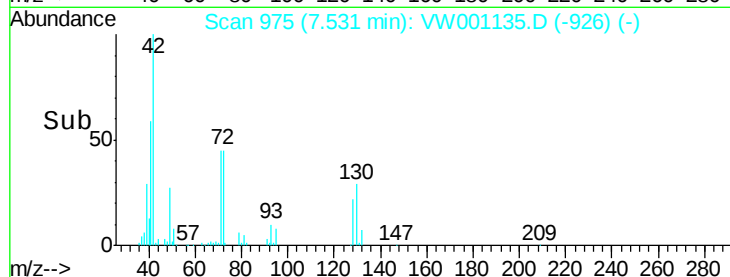
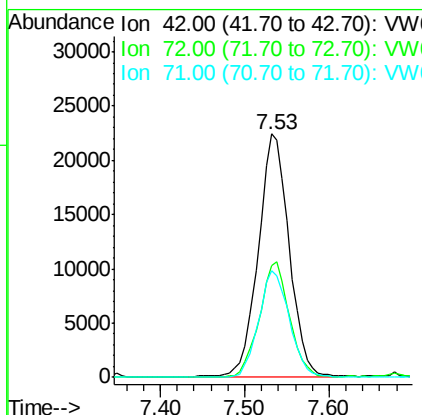
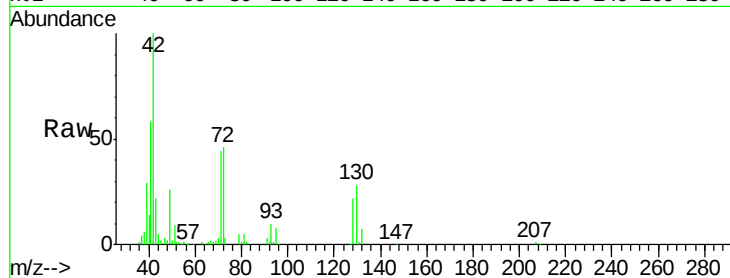
#29
Tetrahydrofuran
Concen: 106.25 ug/l
RT: 7.53 min Scan# 975
Delta R.T. -0.00 min
Lab File: VW001135.D
Acq: 29 Jan 2018 22:28

Instrument :
MSVOA_W
ClientSampleId :
VW0129SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.1	36.8	55.2
71	43.3	35.1	52.7

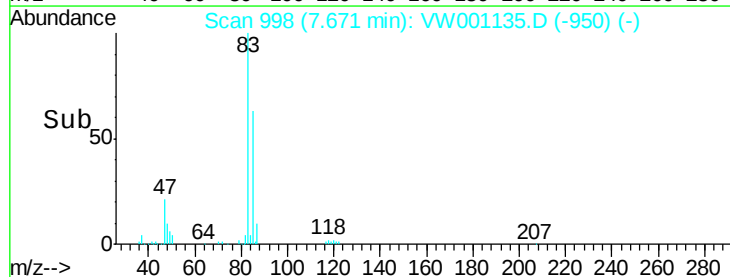
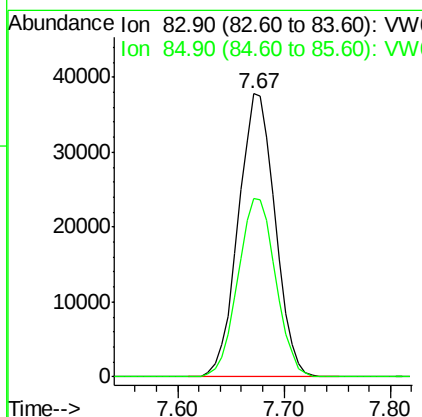
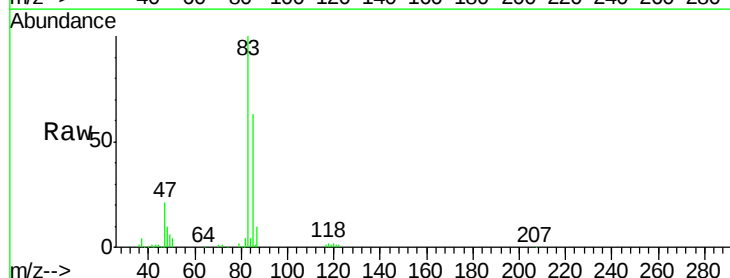
Manual Integrations
APPROVED

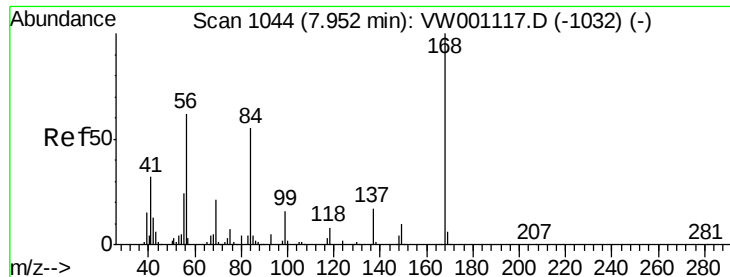
sam
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#30
Chloroform
Concen: 20.45 ug/l
RT: 7.67 min Scan# 998
Delta R.T. -0.01 min
Lab File: VW001135.D
Acq: 29 Jan 2018 22:28

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.1	51.4	77.2





#31

Cyclohexane

Concen: 19.01 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW001135.D

Acq: 29 Jan 2018 22:28

Instrument :

MSVOA_W

ClientSampleId :

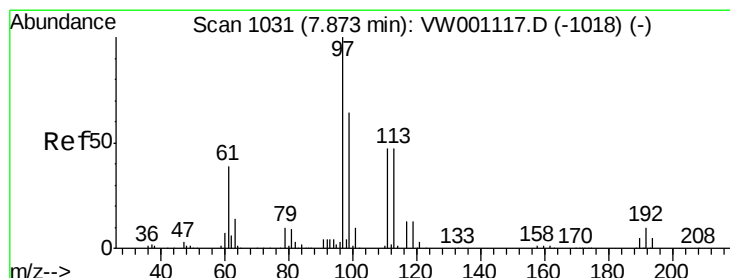
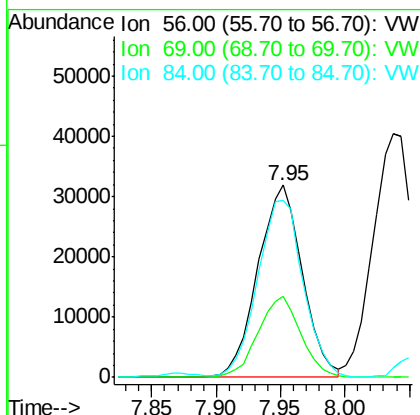
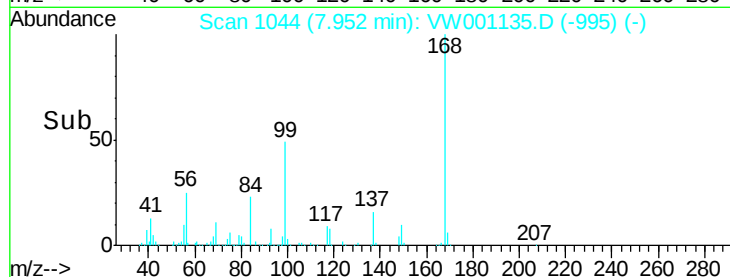
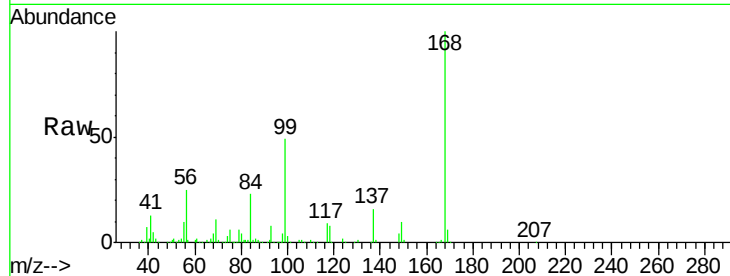
VW0129SBS01

Tot Ion:	56	Resp:	76350
Ion	Ratio	Lower	Upper
56	100		
69	42.0	27.4	41.0#
84	90.7	71.1	106.7

Manual Integrations
APPROVED

sam

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#32

1,1,1-Trichloroethane

Concen: 19.78 ug/l

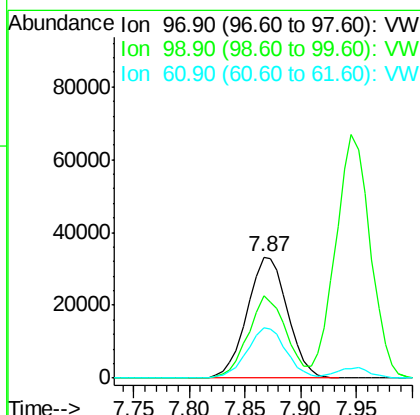
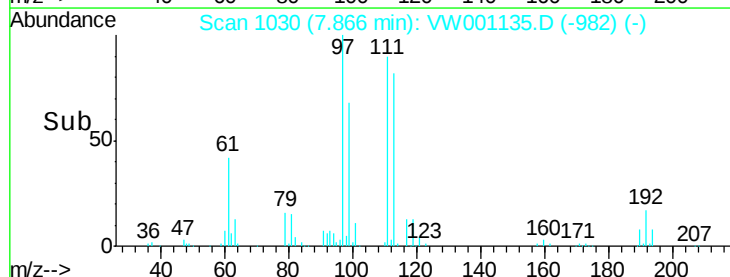
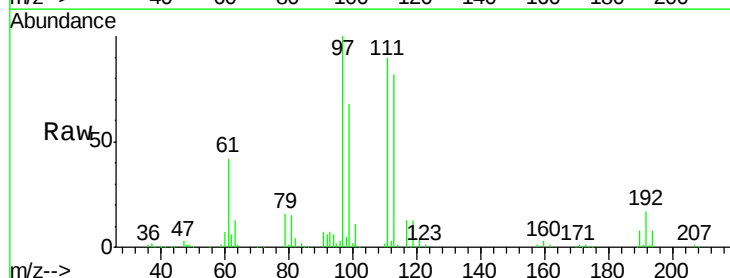
RT: 7.87 min Scan# 1030

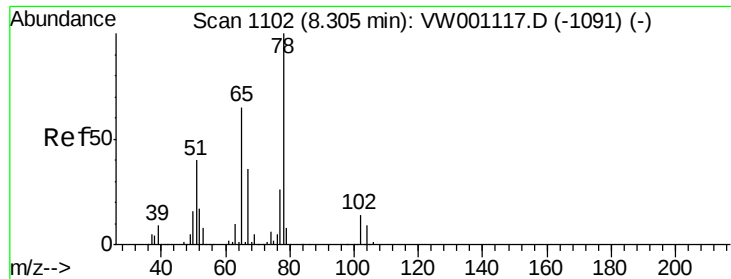
Delta R.T. -0.01 min

Lab File: VW001135.D

Acq: 29 Jan 2018 22:28

Tgt Ion:	97	Resp:	83923
Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.4	77.2
61	40.2	32.4	48.6





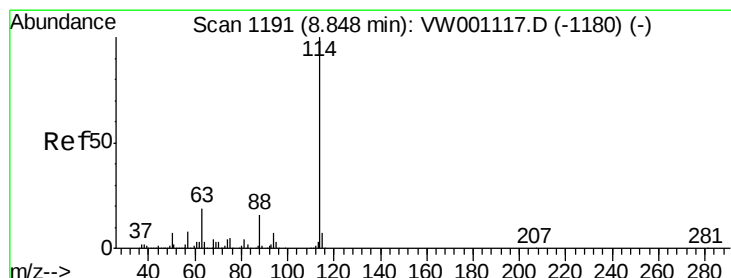
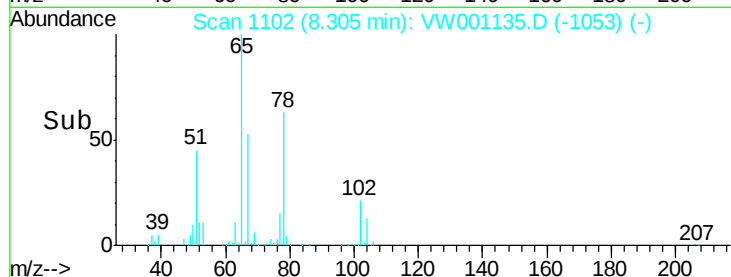
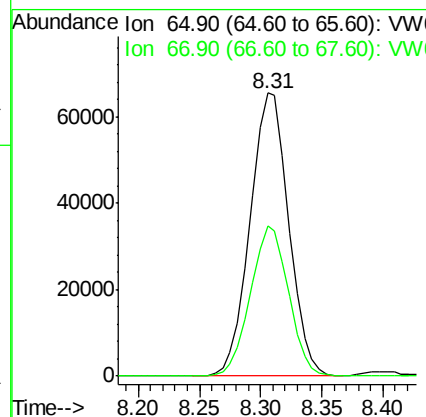
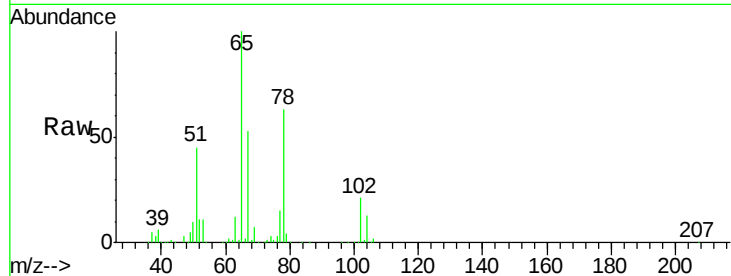
#33
 1,2-Dichloroethane-d4
 Concen: 53.13 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: VW001135.D
 Acq: 29 Jan 2018 22:28

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0129SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.4	0.0	104.2	

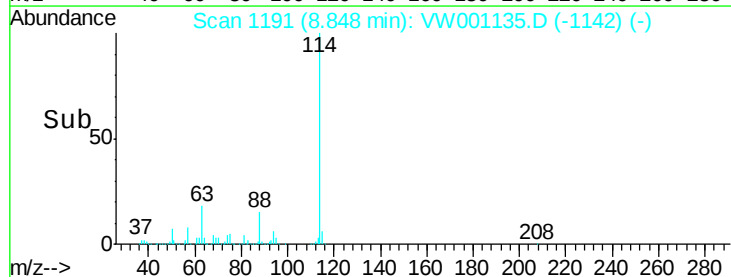
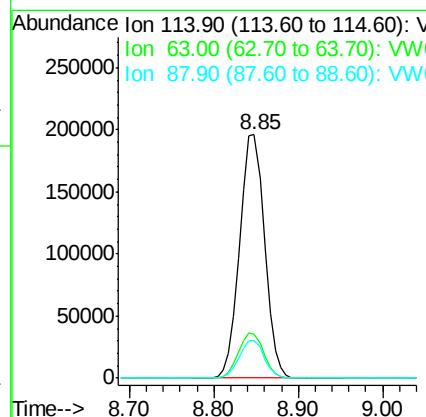
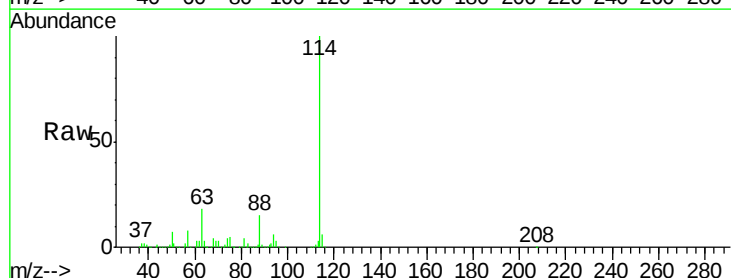
Manual Integrations
 APPROVED

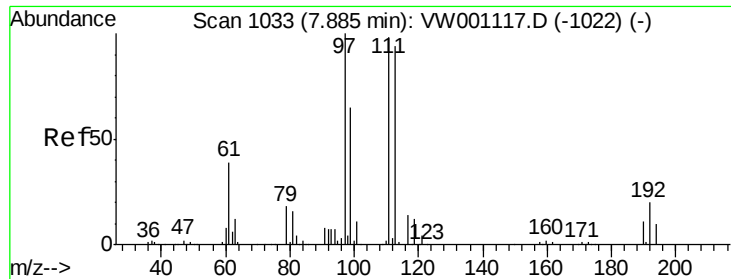
sam
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW001135.D
 Acq: 29 Jan 2018 22:28

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	17.8	0.0	38.2	
88	15.3	0.0	31.0	





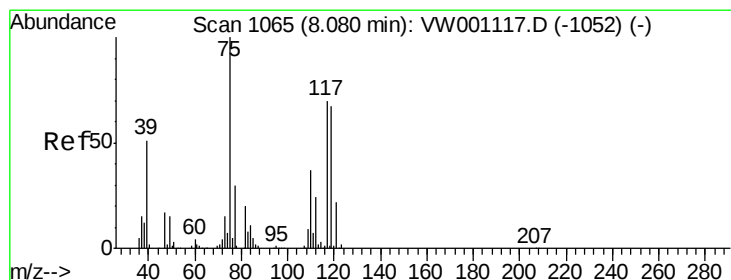
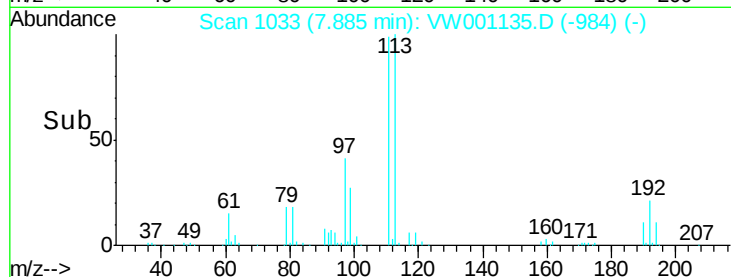
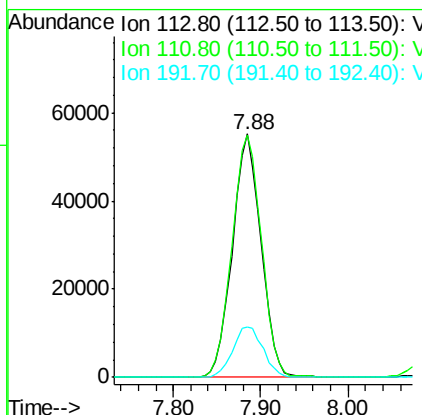
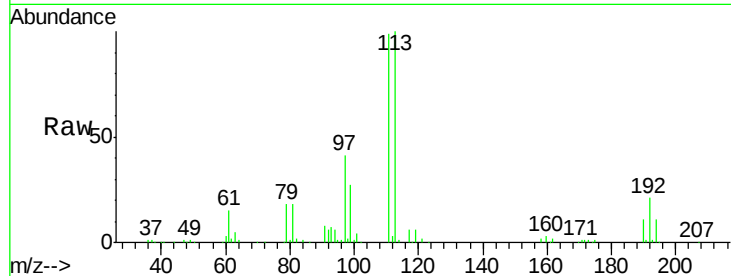
#35
Dibromofluoromethane
Concen: 50.16 ug/l
RT: 7.88 min Scan# 1033
Delta R.T. -0.00 min
Lab File: VW001135.D
Acq: 29 Jan 2018 22:28

Instrument :
MSVOA_W
ClientSampled :
VW0129SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	125437		
111	102.7	83.1	124.7	
192	21.8	17.8	26.6	

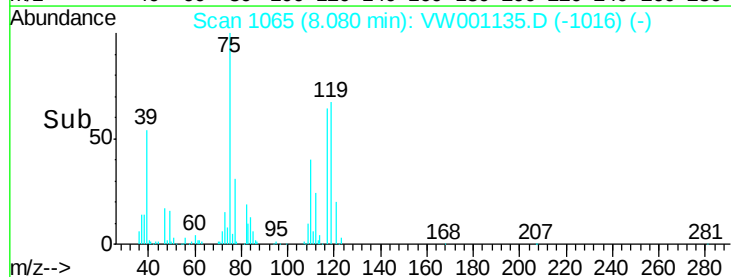
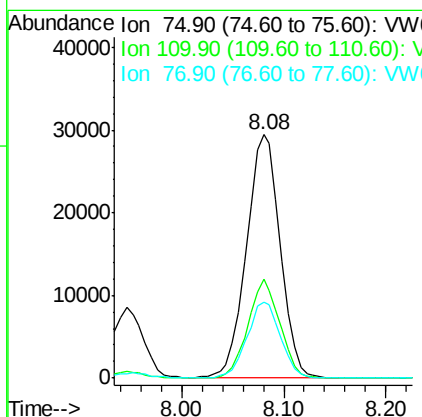
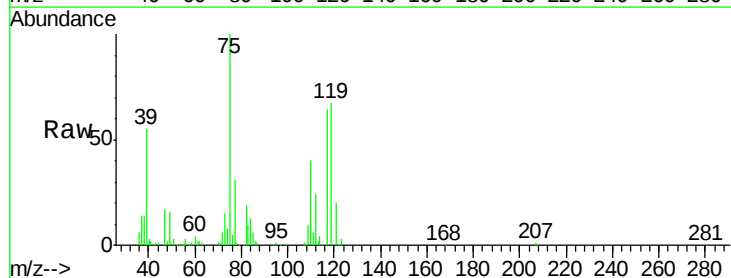
Manual Integrations
APPROVED

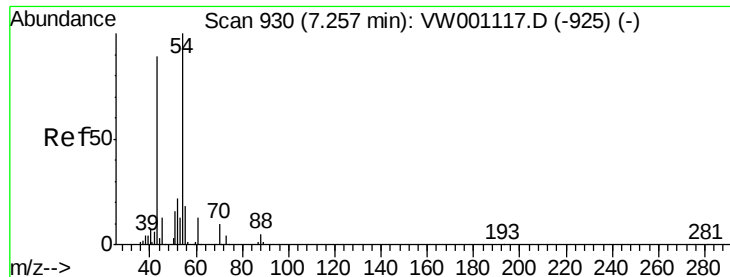
sam
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#36
1,1-Dichloropropene
Concen: 19.26 ug/l
RT: 8.08 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW001135.D
Acq: 29 Jan 2018 22:28

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	67972		
110	38.1	18.7	56.1	
77	31.1	24.6	37.0	





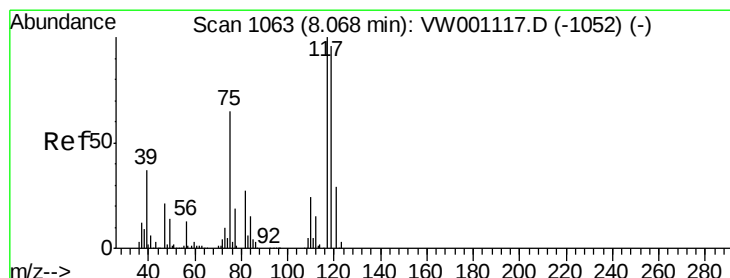
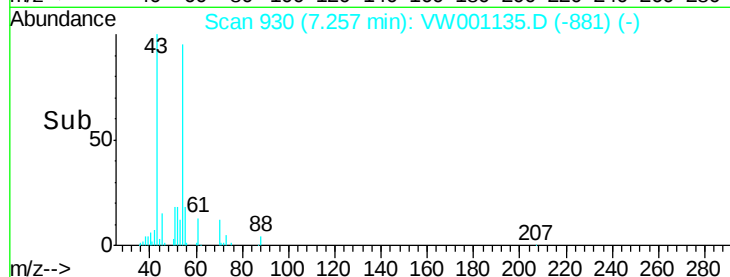
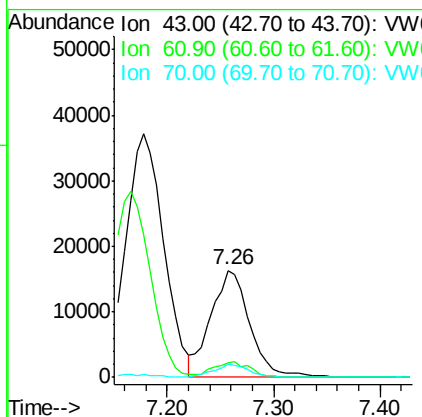
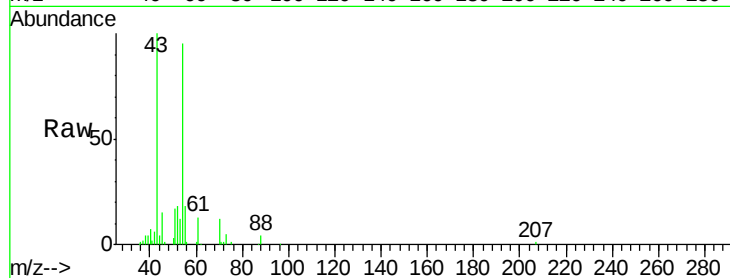
#37
Ethyl Acetate
Concen: 22.00 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.00 min
Lab File: VW001135.D
Acq: 29 Jan 2018 22:28

Instrument :
MSVOA_W
ClientSampleId :
VW0129SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.3	11.9	17.9
70	11.0	9.4	14.0

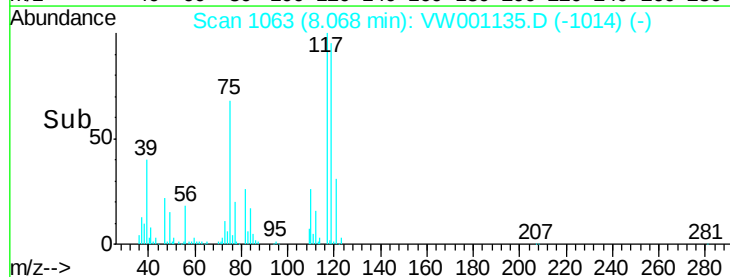
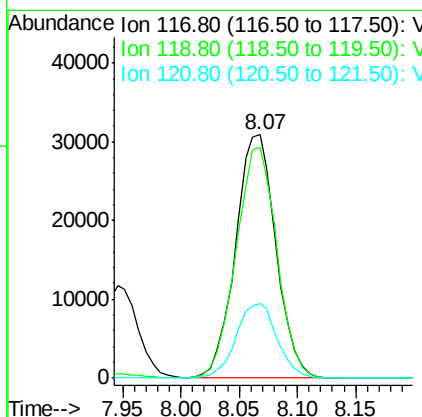
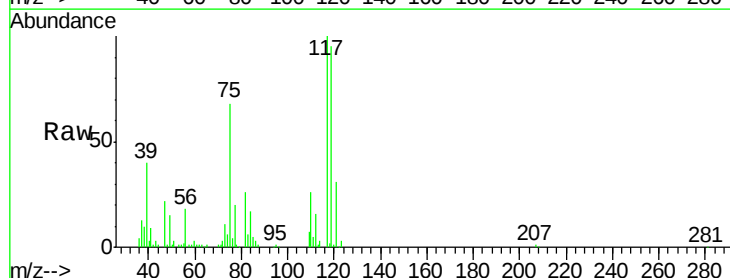
Manual Integrations
APPROVED

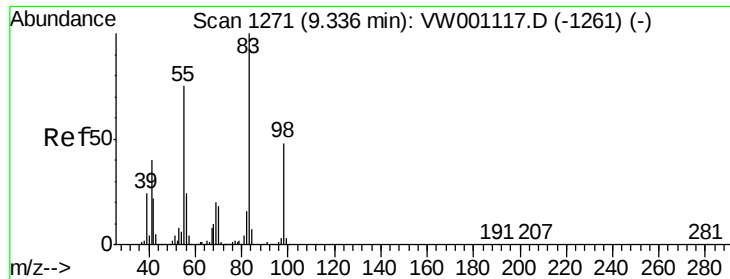
sam
1/30/2018 5:58:56 PM



#38
Carbon Tetrachloride
Concen: 18.96 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VW001135.D
Acq: 29 Jan 2018 22:28

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.9	77.0	115.4
121	30.8	23.5	35.3





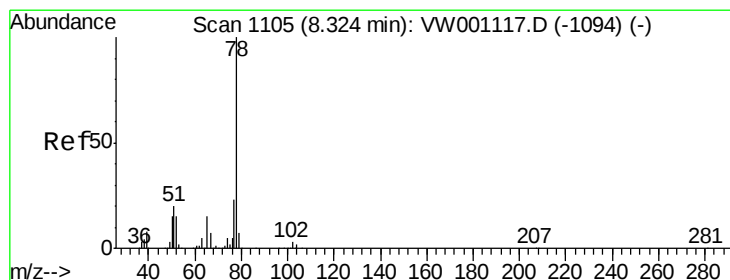
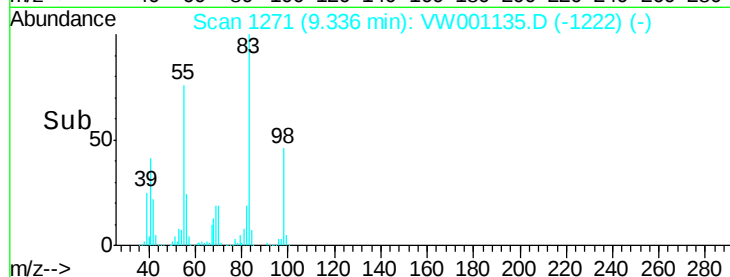
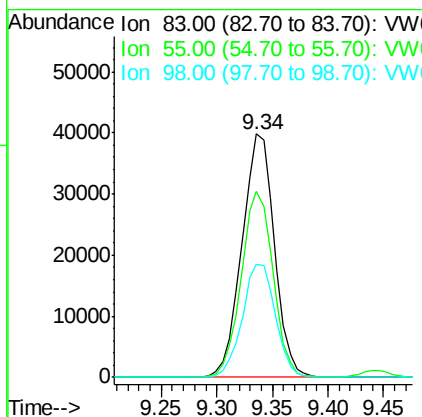
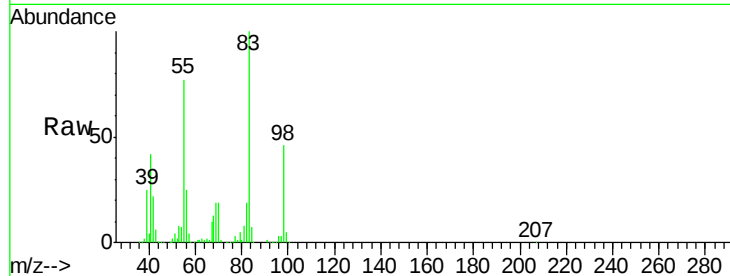
#39
Methvlcvclohexane
Concen: 19.39 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VW001135.D
Acq: 29 Jan 2018 22:28

Instrument :
MSVOA_W
ClientSampleId :
VW0129SBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.7	59.7	89.5
98	46.3	38.0	57.0

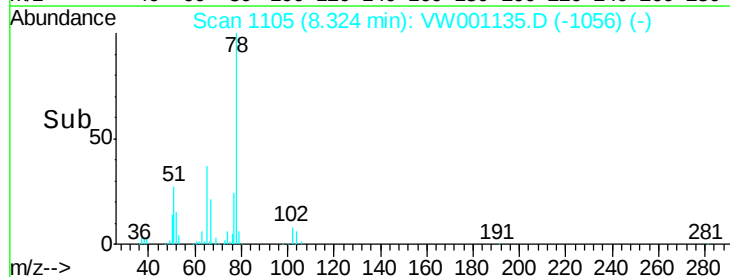
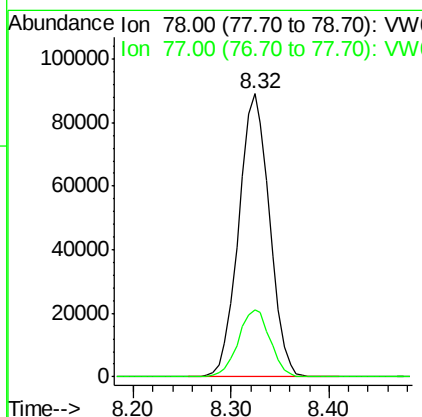
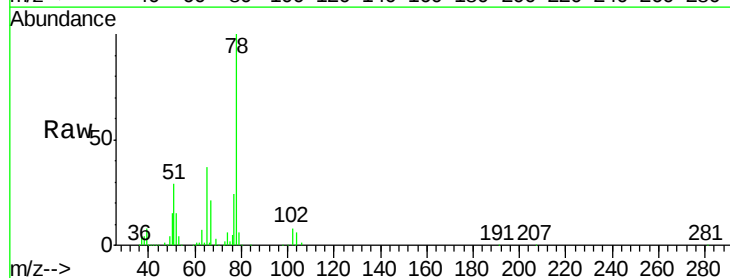
Manual Integrations
APPROVED

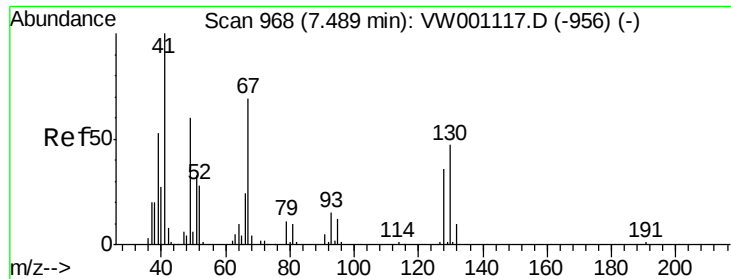
sam
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#40
Benzene
Concen: 19.92 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VW001135.D
Acq: 29 Jan 2018 22:28

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.6	28.0





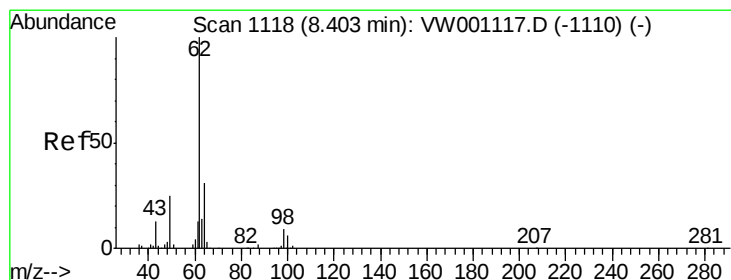
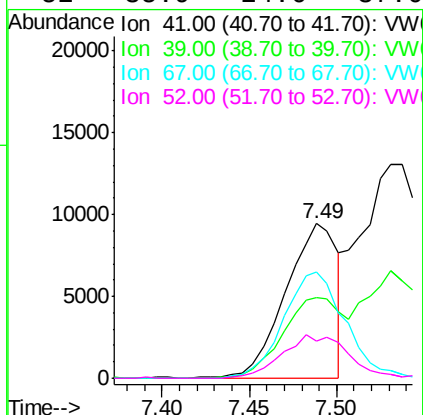
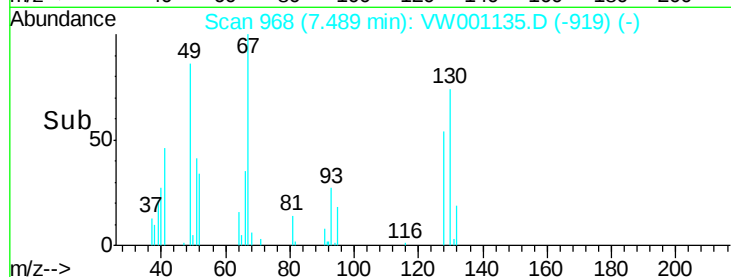
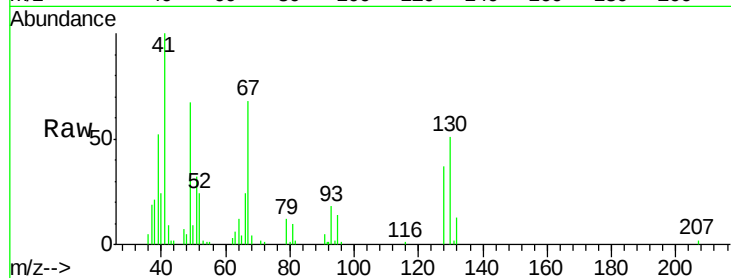
#41
Methacrylonitrile
Concen: 18.85 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.00 min
Lab File: VW001135.D
Acq: 29 Jan 2018 22:28

Instrument :
MSVOA_W
ClientSampleId :
VW0129SBSD01

Tot Ion	41	Resp:	19512
Ion Ratio	Lower	Upper	
41	100		
39	62.1	48.8	73.2
67	82.1	59.6	89.4
52	35.9	24.6	37.0

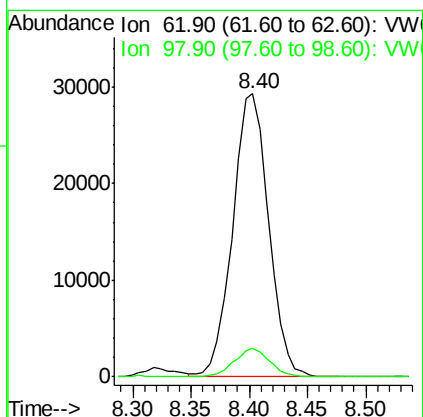
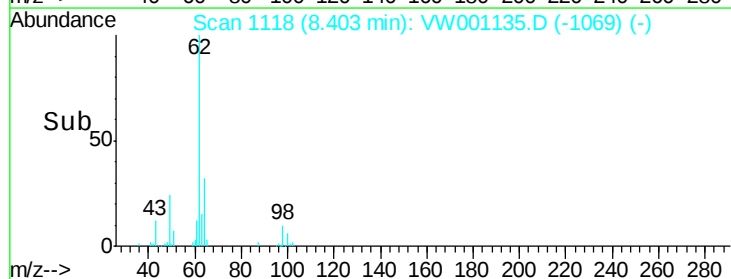
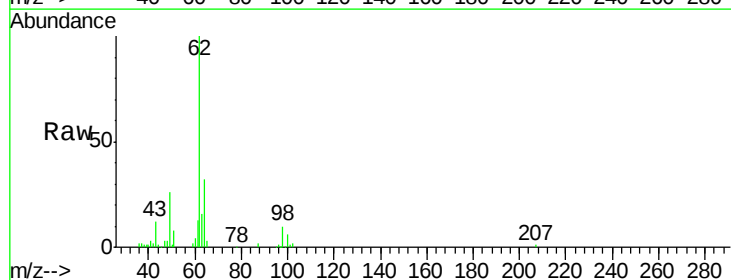
Manual Integrations
APPROVED

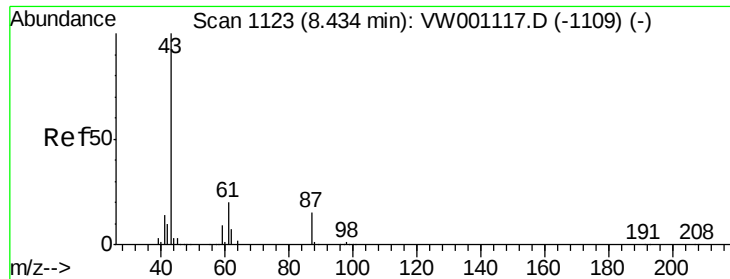
sam
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#42
1,2-Dichloroethane
Concen: 20.52 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. -0.00 min
Lab File: VW001135.D
Acq: 29 Jan 2018 22:28

Tgt Ion	62	Resp:	63054
Ion Ratio	Lower	Upper	
62	100		
98	10.0	0.0	18.8





#43

Isopropyl Acetate

Concen: 20.66 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VW001135.D

Acq: 29 Jan 2018 22:28

Instrument :

MSVOA_W

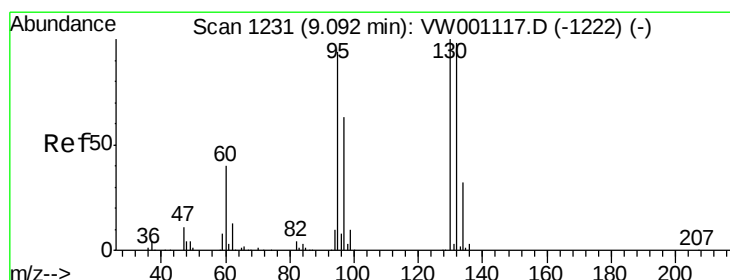
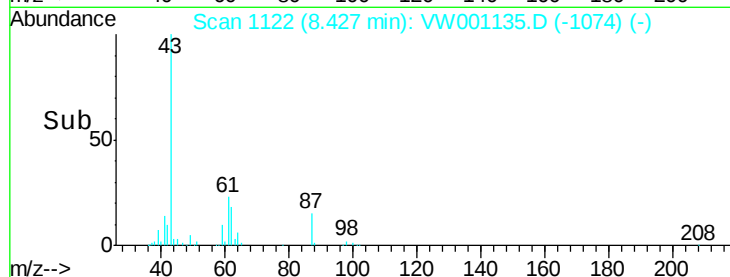
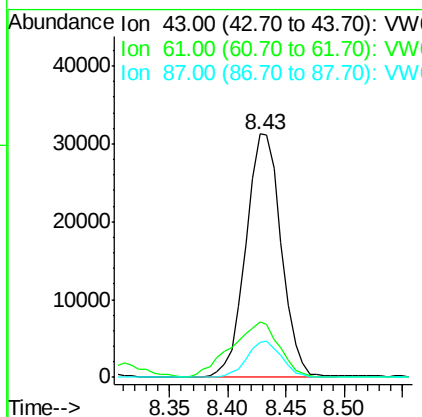
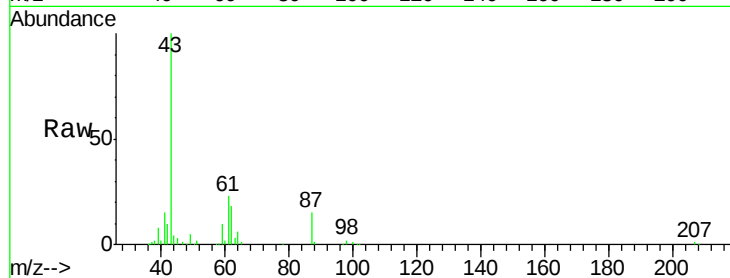
ClientSampleId :

VW0129SBS01

Tot Ion:	43	Resp:	66325
Ion	Ratio	Lower	Upper
43	100		
61	30.9	23.9	35.9
87	14.6	12.0	18.0

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#44

Trichloroethene

Concen: 19.66 ug/l

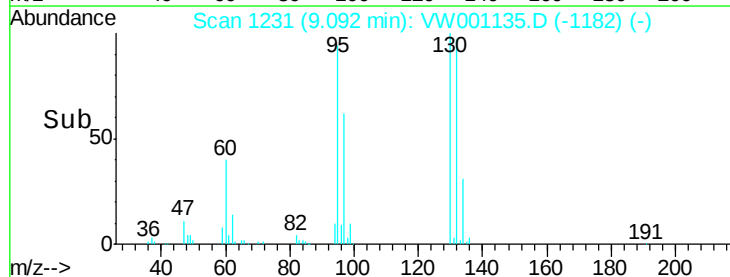
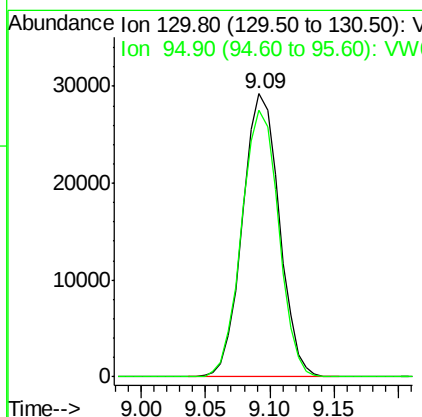
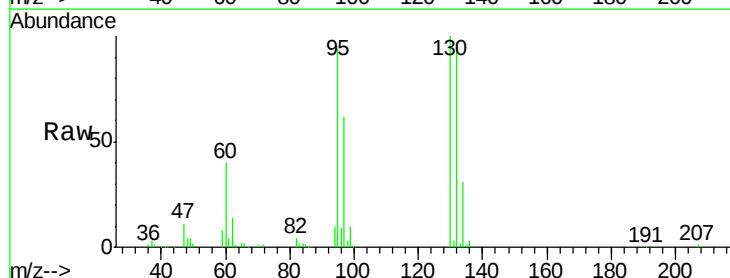
RT: 9.09 min Scan# 1231

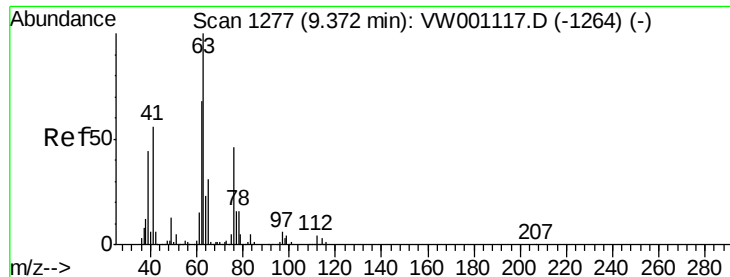
Delta R.T. -0.00 min

Lab File: VW001135.D

Acq: 29 Jan 2018 22:28

Tgt Ion:	130	Resp:	57700
Ion	Ratio	Lower	Upper
130	100		
95	94.2	0.0	189.0





#45

1,2-Dichloropropane

Concen: 20.38 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. -0.00 min

Lab File: VW001135.D

Acq: 29 Jan 2018 22:28

Instrument :

MSVOA_W

ClientSampleId :

VW0129SBSD01

Tot Ion: 63 Resp: 47965

Ion Ratio Lower Upper

63 100

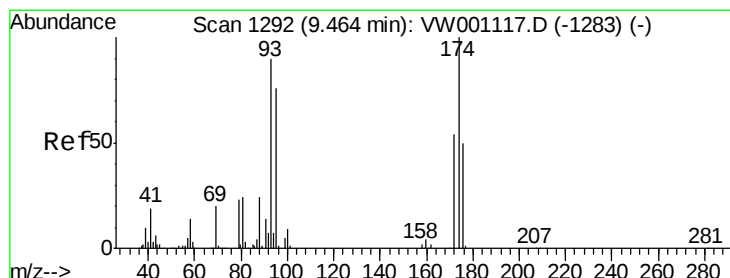
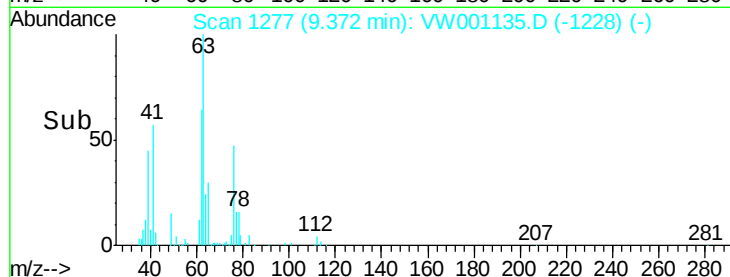
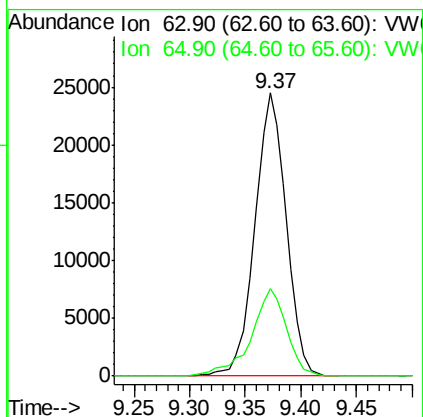
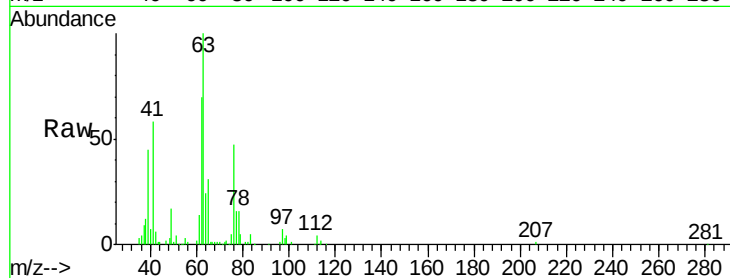
65 31.1 25.0 37.4

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#46

Dibromomethane

Concen: 19.75 ug/l

RT: 9.46 min Scan# 1292

Delta R.T. -0.00 min

Lab File: VW001135.D

Acq: 29 Jan 2018 22:28

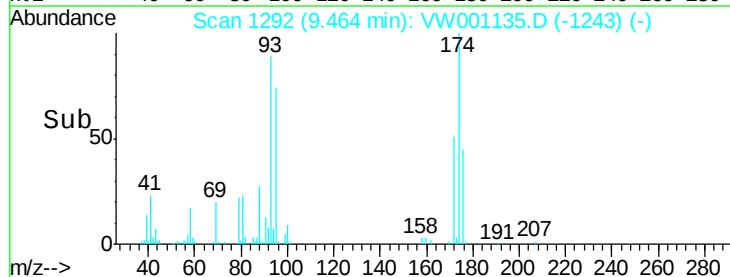
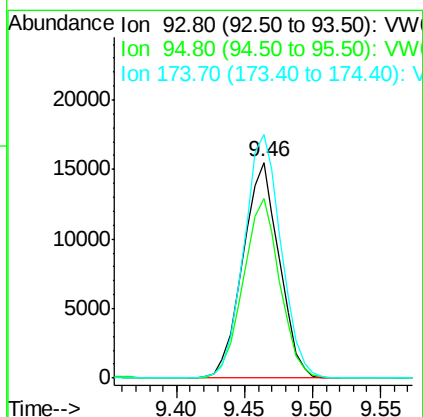
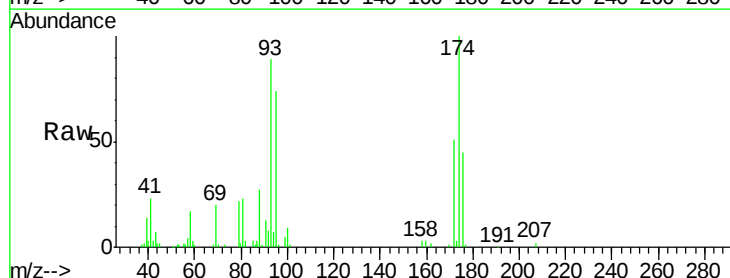
Tgt Ion: 93 Resp: 29065

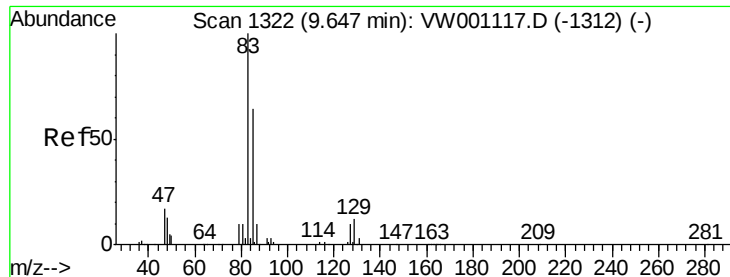
Ion Ratio Lower Upper

93 100

95 83.3 66.5 99.7

174 114.8 89.5 134.3





#47

Bromodichloromethane

Concen: 19.78 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VW001135.D

Acq: 29 Jan 2018 22:28

Instrument :

MSVOA_W

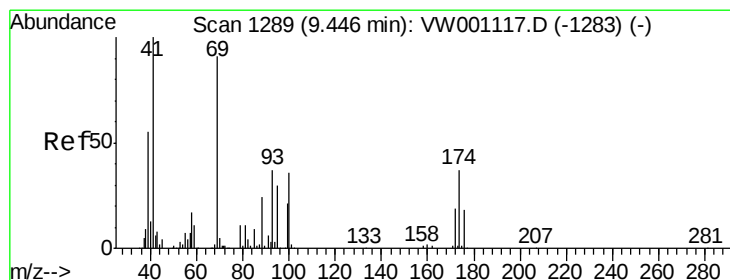
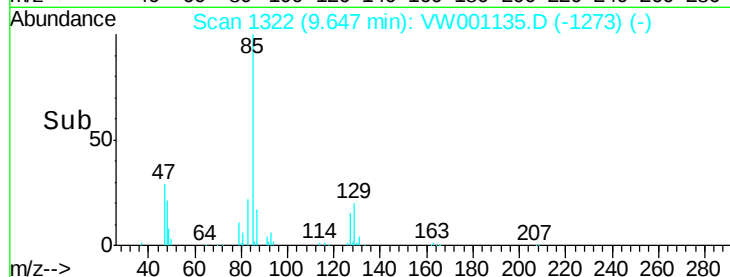
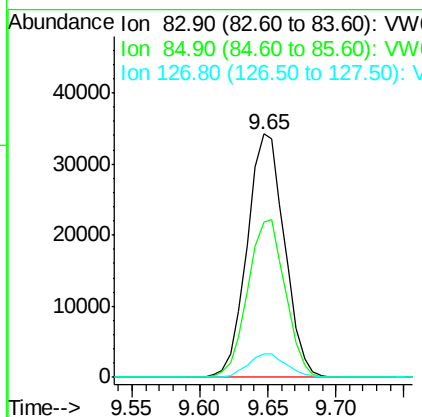
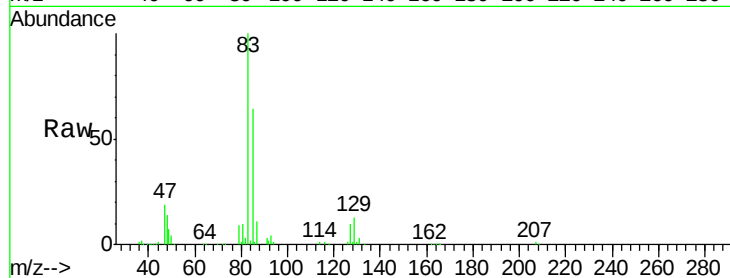
ClientSampleId :

VW0129SBSD01

Tot Ion:	83	Resp:	65876
Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.5	77.3
127	9.6	7.6	11.4

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#48

Methyl methacrylate

Concen: 21.40 ug/l

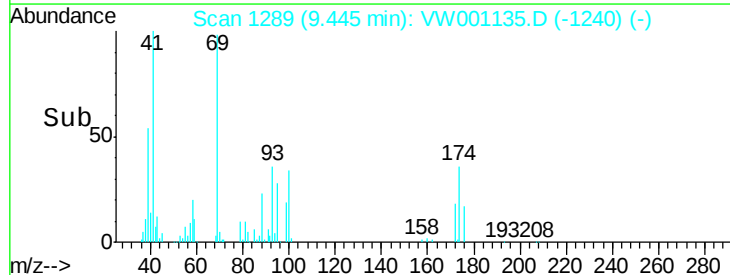
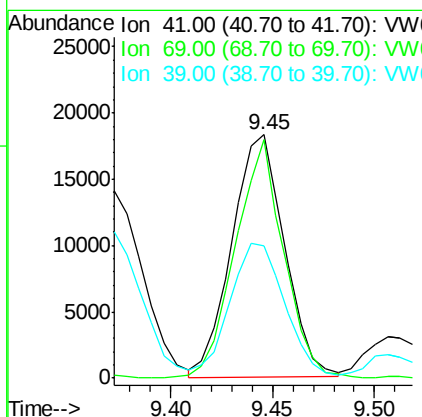
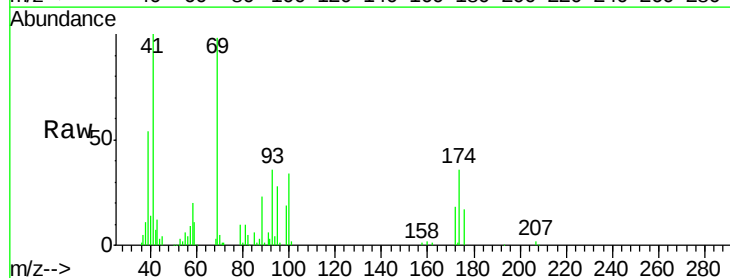
RT: 9.45 min Scan# 1289

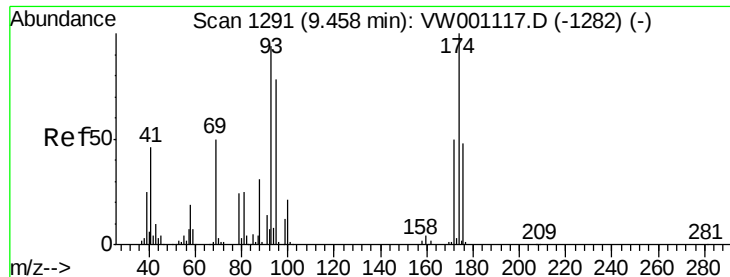
Delta R.T. -0.00 min

Lab File: VW001135.D

Acq: 29 Jan 2018 22:28

Tgt Ion:	41	Resp:	32837
Ion	Ratio	Lower	Upper
41	100		
69	90.5	74.9	112.3
39	58.1	47.6	71.4





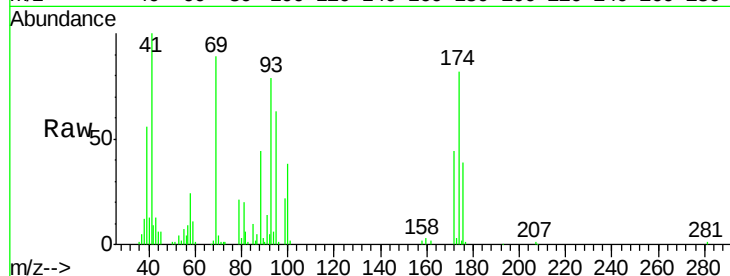
#49
1,4-Dioxane
Concen: 450.99 ug/l
RT: 9.45 min Scan# 1290
Delta R.T. -0.01 min
Lab File: VW001135.D
Acq: 29 Jan 2018 22:28

Instrument :
MSVOA_W
ClientSampled :
VW0129SBS01

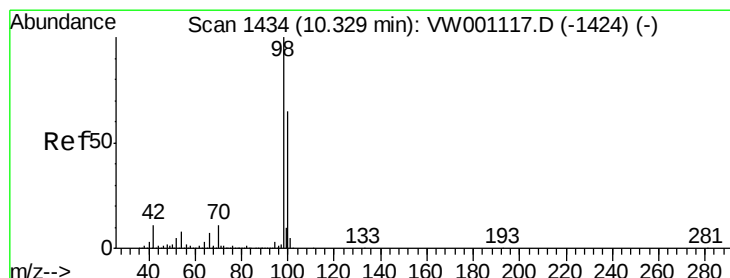
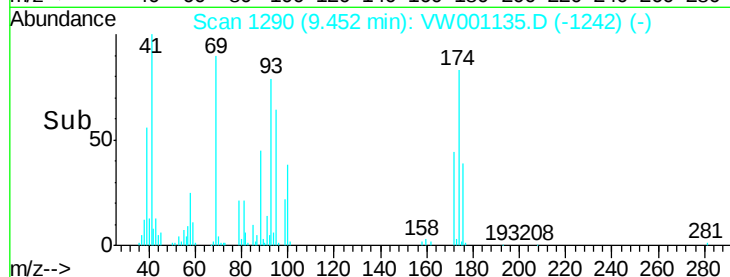
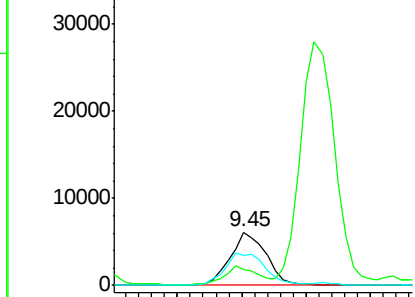
Tot Ion	88	Resp	11827
Ion	Ratio	Lower	Upper
88	100		
43	33.2	23.0	34.6
58	68.9	53.9	80.9

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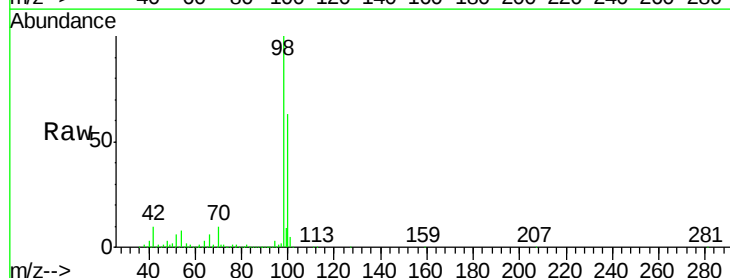


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

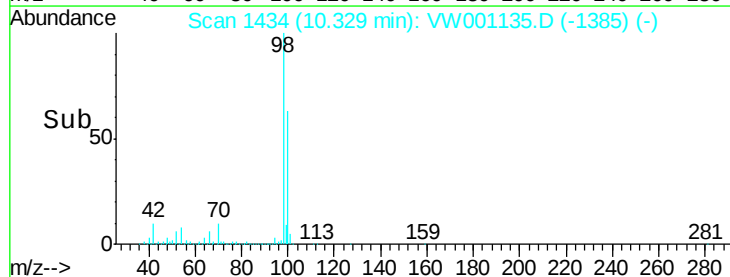
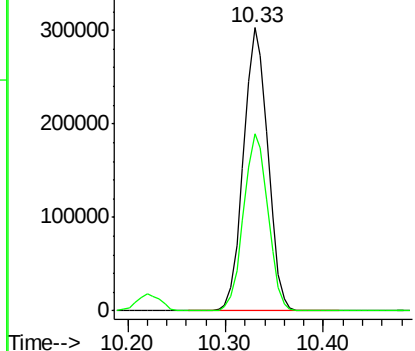


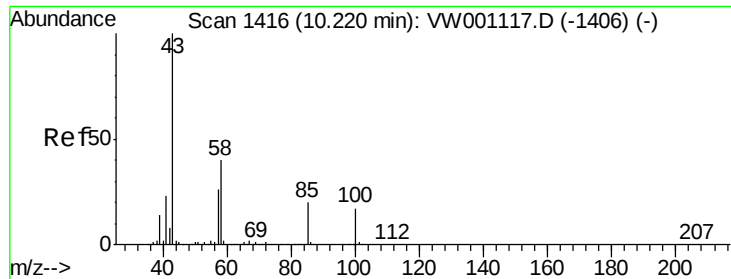
#50
Toluene-d8
Concen: 54.26 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW001135.D
Acq: 29 Jan 2018 22:28

Tgt Ion	98	Resp	522304
Ion	Ratio	Lower	Upper
98	100		
100	63.0	51.3	76.9



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 107.71 ug/l

RT: 10.22 min Scan# 1416

Delta R.T. -0.00 min

Lab File: VW001135.D

Acq: 29 Jan 2018 22:28

Instrument :

MSVOA_W

ClientSampled :

VW0129SBS01

Tot Ion: 43 Resp: 188953

Ion Ratio Lower Upper

43 100

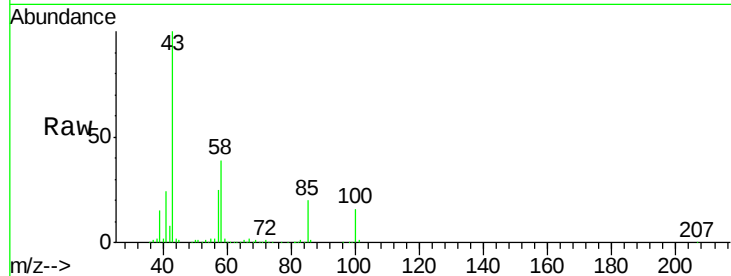
58 39.4 32.1 48.1

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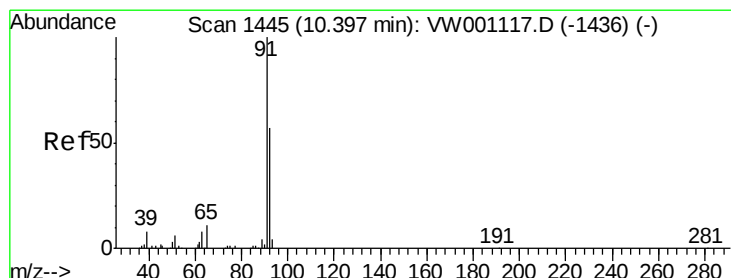
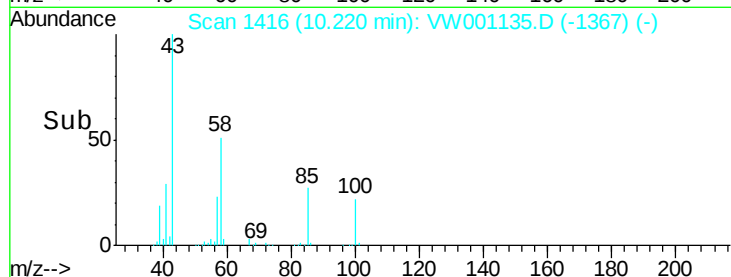
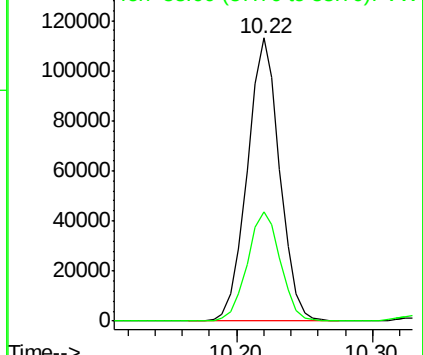
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 20.41 ug/l

RT: 10.40 min Scan# 1445

Delta R.T. -0.00 min

Lab File: VW001135.D

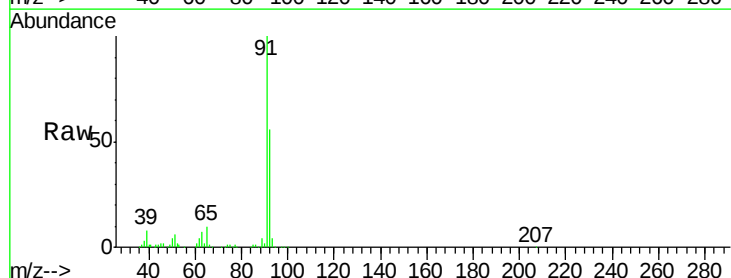
Acq: 29 Jan 2018 22:28

Tgt Ion: 92 Resp: 128110

Ion Ratio Lower Upper

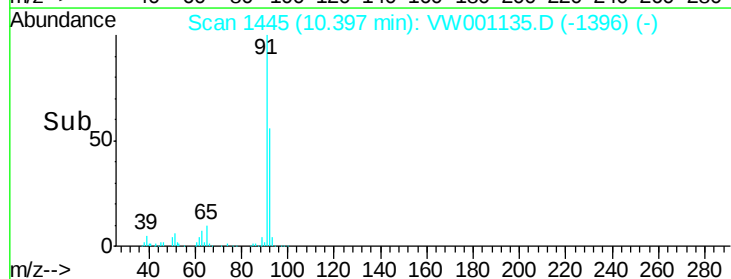
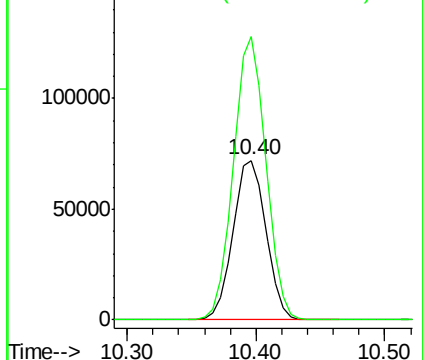
92 100

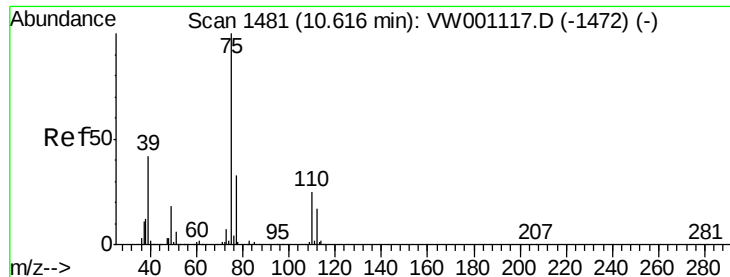
91 174.2 140.6 211.0



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





#53

t-1,3-Dichloropropene

Concen: 19.27 ug/l

RT: 10.62 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW001135.D

Acq: 29 Jan 2018 22:28

Instrument :

MSVOA_W

ClientSampleId :

VW0129SBS01

Tot Ion: 75 Resp: 64730

Ion Ratio Lower Upper

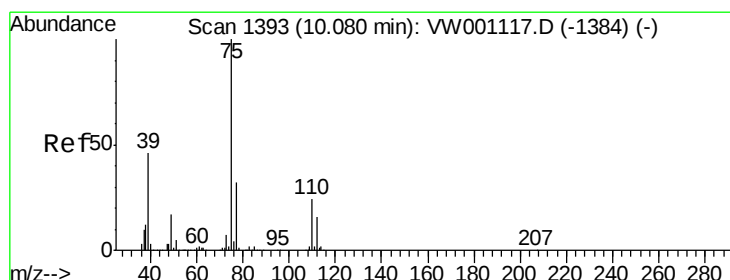
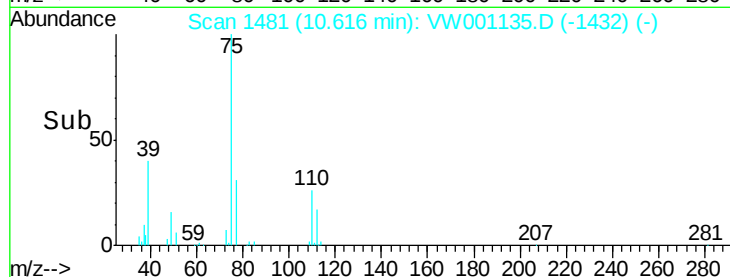
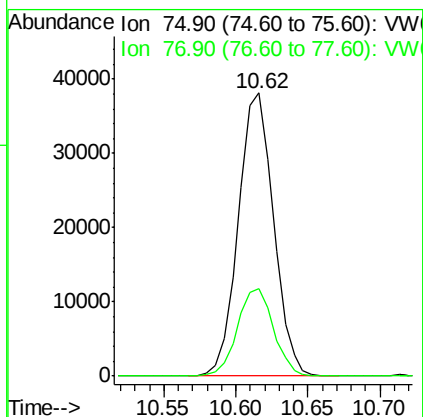
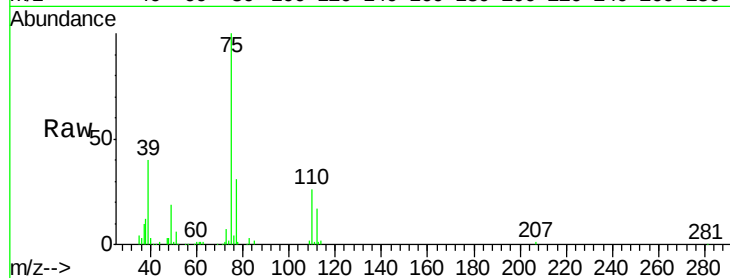
75 100

77 31.0 26.0 39.0

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#54

cis-1,3-Dichloropropene

Concen: 19.25 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW001135.D

Acq: 29 Jan 2018 22:28

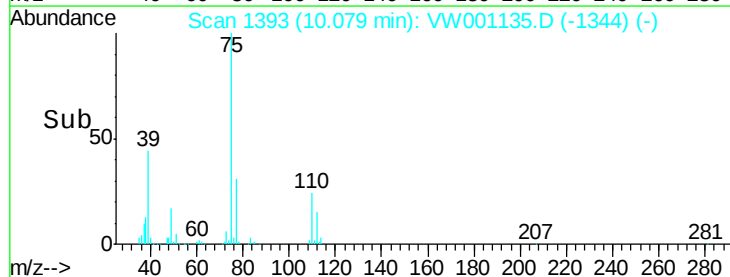
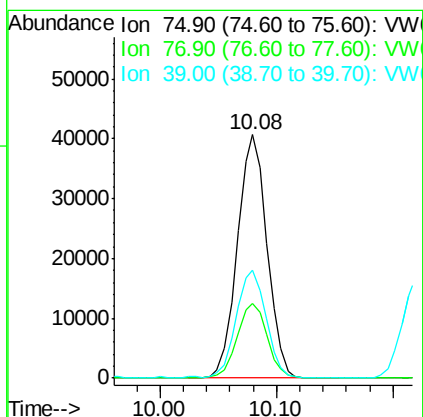
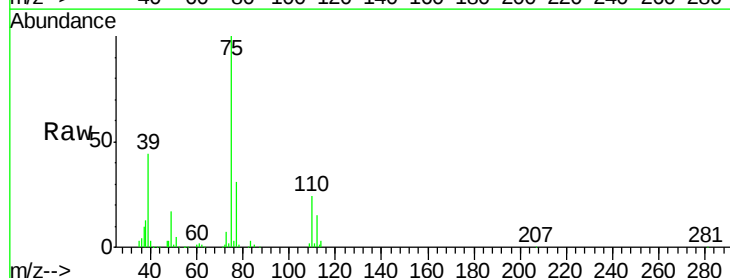
Tgt Ion: 75 Resp: 72207

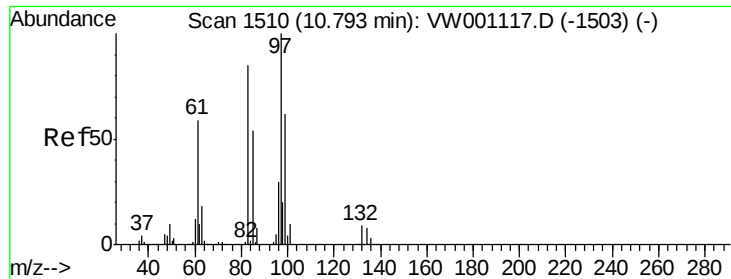
Ion Ratio Lower Upper

75 100

77 30.9 25.5 38.3

39 44.1 37.0 55.4





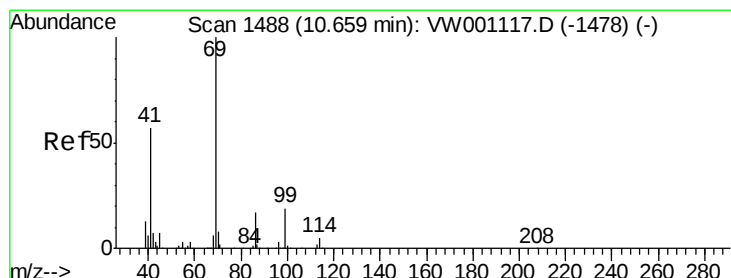
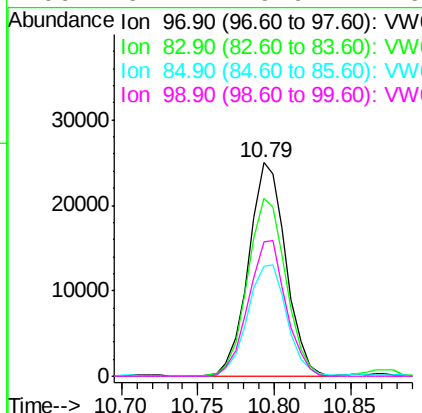
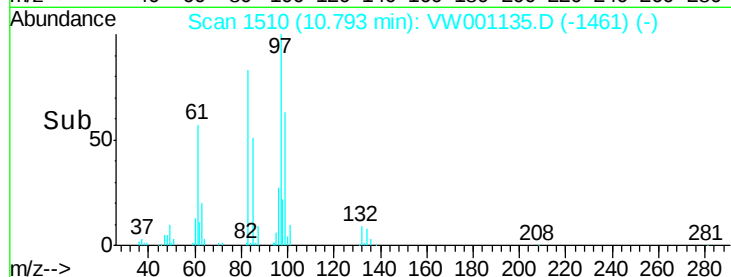
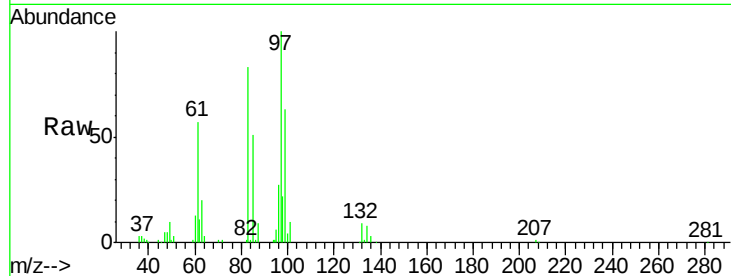
#55
 1,1,2-Trichloroethane
 Concen: 20.22 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VW001135.D
 Acq: 29 Jan 2018 22:28

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0129SBSD01

Tot Ion:	97	Resp:	42427
Ion	Ratio	Lower	Upper
97	100		
83	83.2	67.7	101.5
85	51.3	43.0	64.6
99	62.7	49.9	74.9

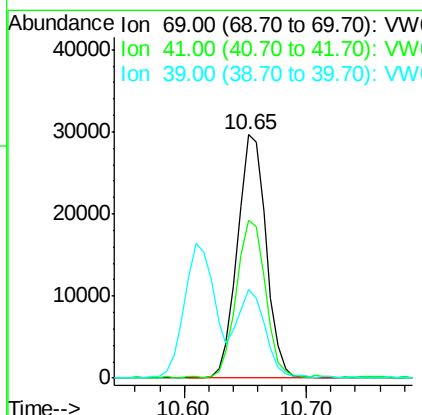
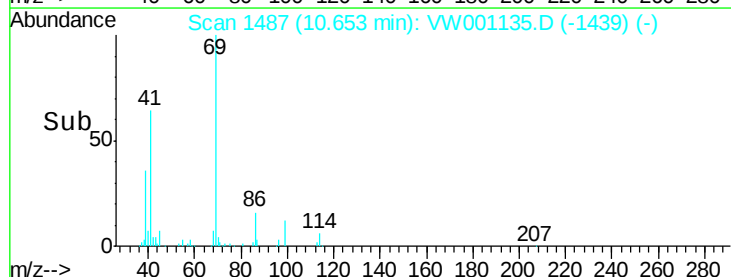
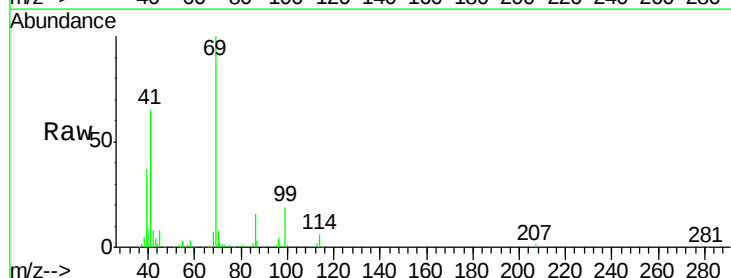
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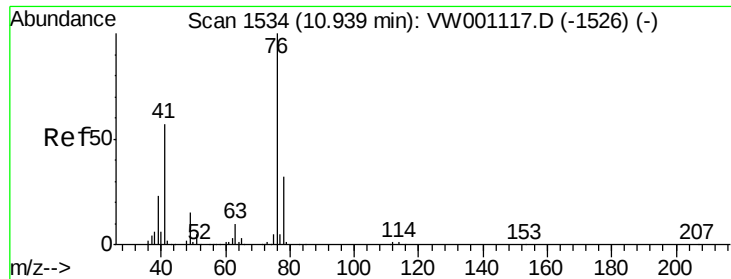
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#56
 Ethyl methacrylate
 Concen: 19.63 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. -0.01 min
 Lab File: VW001135.D
 Acq: 29 Jan 2018 22:28

Tgt Ion:	69	Resp:	48292
Ion	Ratio	Lower	Upper
69	100		
41	64.9	50.6	75.8
39	35.3	27.5	41.3





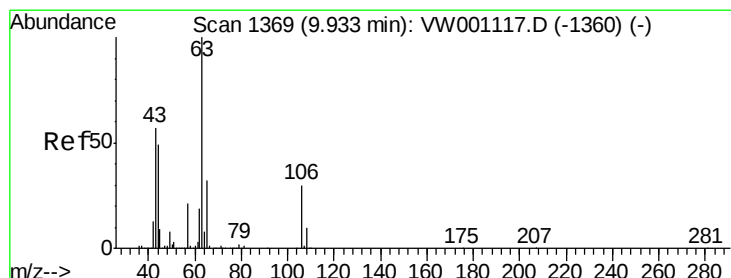
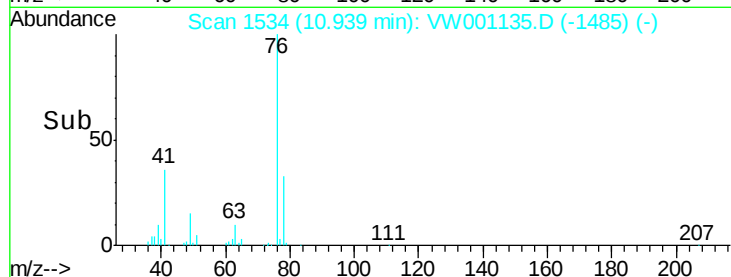
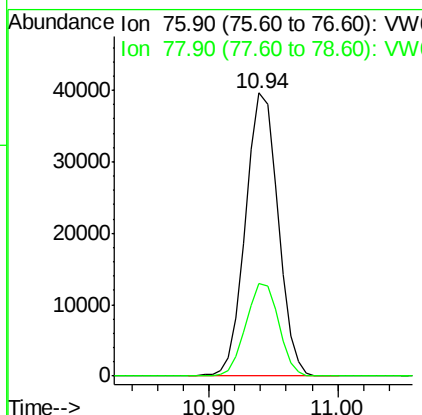
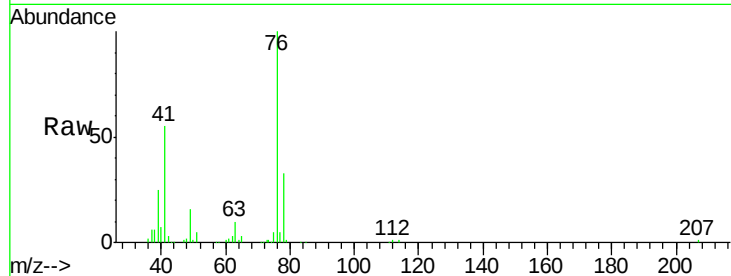
#57
 1,3-Dichloropropane
 Concen: 20.28 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VW001135.D
 Acq: 29 Jan 2018 22:28

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0129SBS01

Tot Ion: 76 Resp: 69180
 Ion Ratio Lower Upper
 76 100
 78 33.1 25.7 38.5

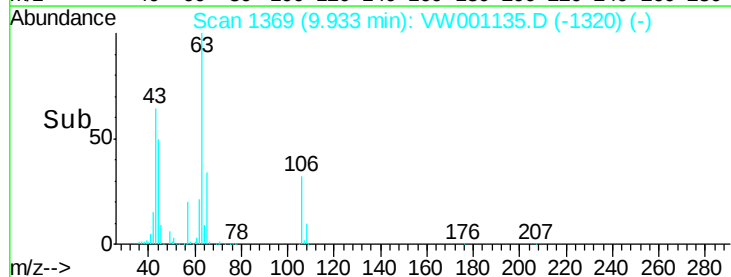
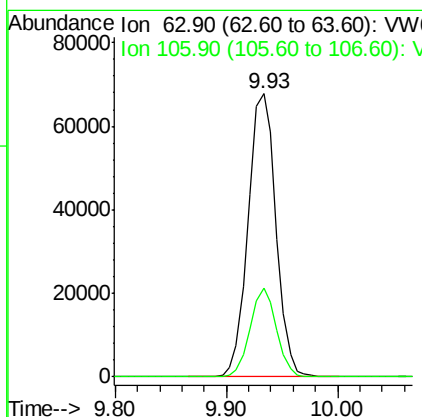
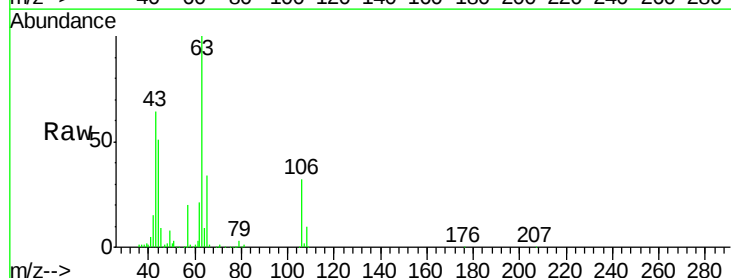
Manual Integrations
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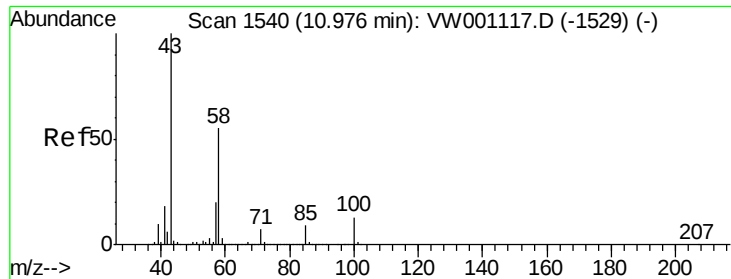
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#58
 2-Chloroethyl Vinyl ether
 Concen: 88.94 ug/l
 RT: 9.93 min Scan# 1369
 Delta R.T. 0.00 min
 Lab File: VW001135.D
 Acq: 29 Jan 2018 22:28

Tgt Ion: 63 Resp: 118212
 Ion Ratio Lower Upper
 63 100
 106 29.7 24.2 36.4





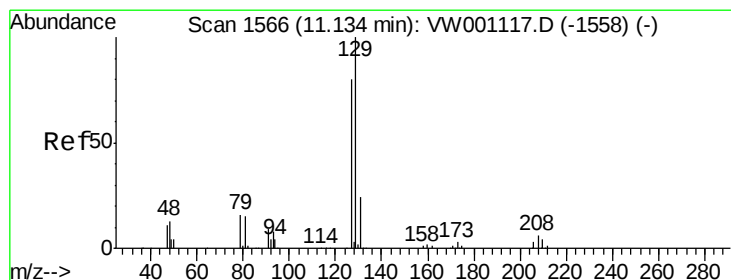
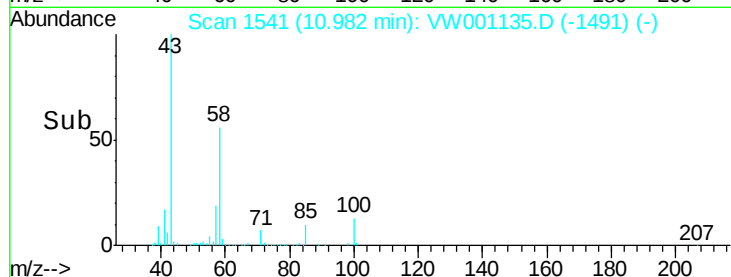
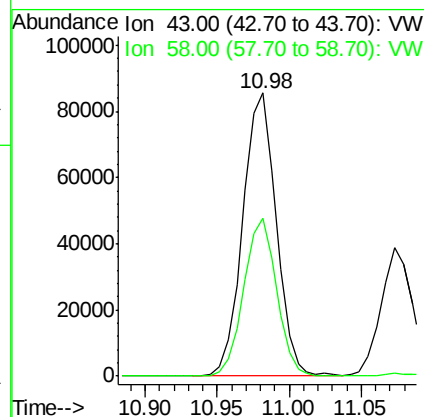
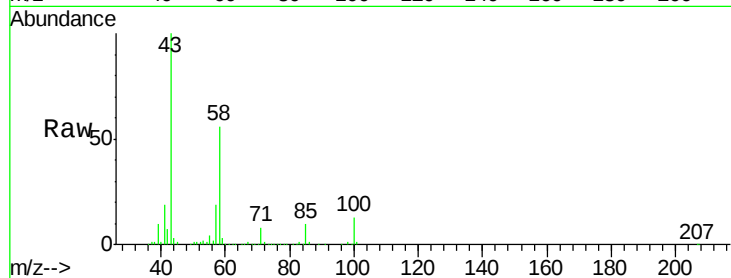
#59
2-Hexanone
Concen: 104.11 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.01 min
Lab File: VW001135.D
Acq: 29 Jan 2018 22:28

Instrument :
MSVOA_W
ClientSampleId :
VW0129SBSD01

Tot Ion	43	Resp	138161
Ion Ratio	43	100	
Lower	58	54.7	27.7
Upper			83.0

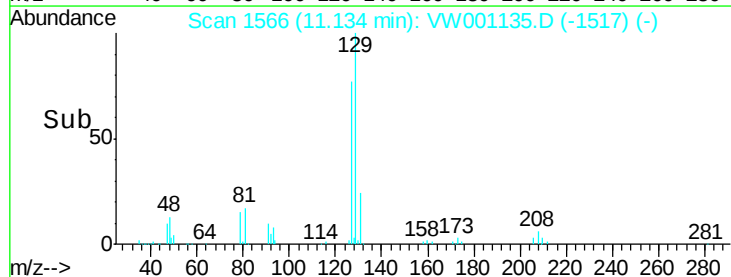
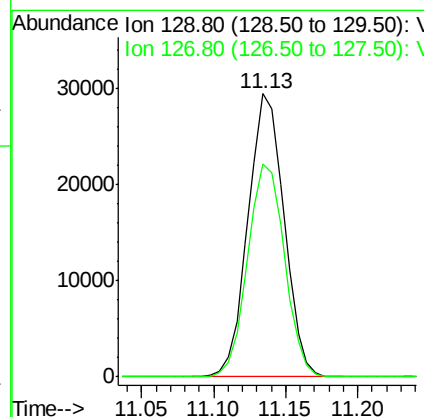
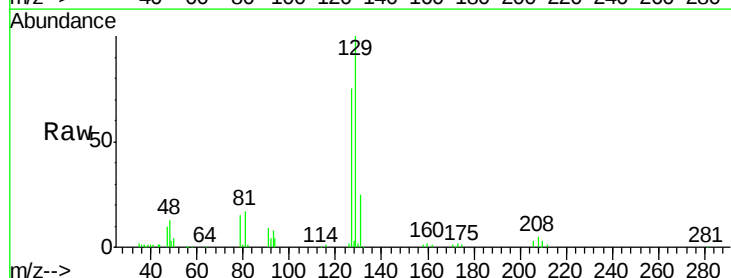
Manual Integrations
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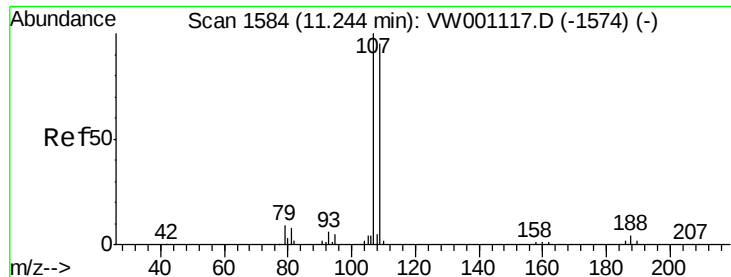
sam
1/30/2018 5:58:56 PM



#60
Dibromochloromethane
Concen: 19.95 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VW001135.D
Acq: 29 Jan 2018 22:28

Tgt Ion	129	Resp	50991
Ion Ratio	129	100	
Lower	127	76.7	38.5
Upper			115.5





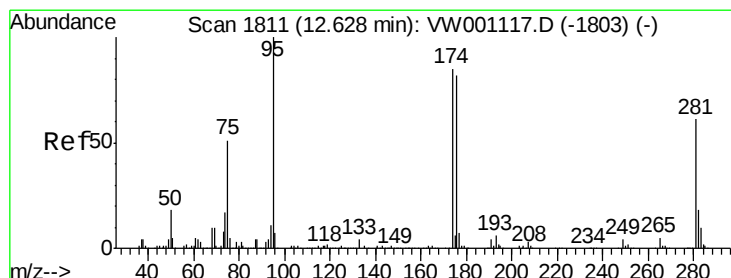
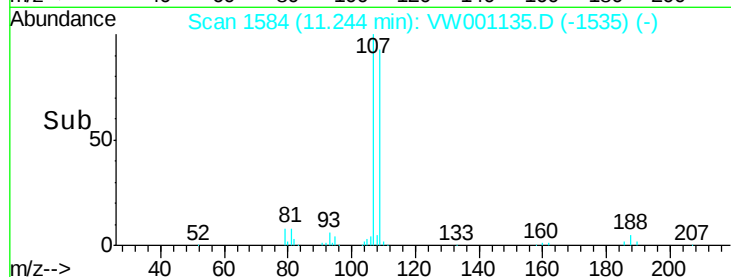
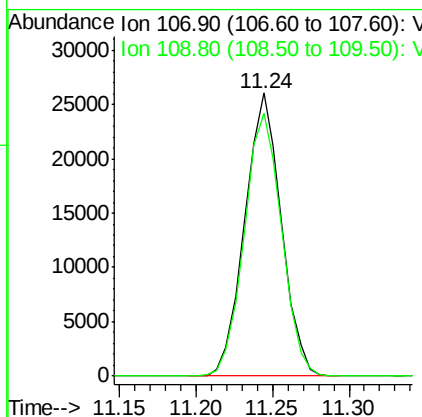
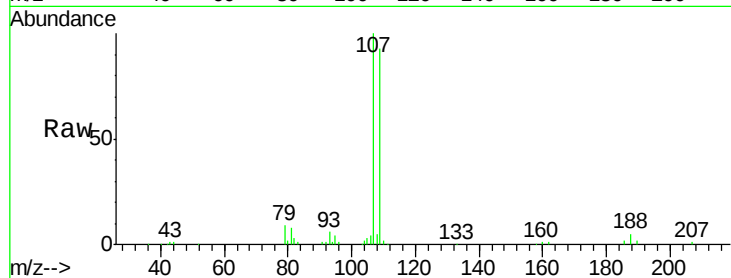
#61
 1,2-Dibromoethane
 Concen: 20.38 ug/l
 RT: 11.24 min Scan# 1584
 Delta R.T. -0.00 min
 Lab File: VW001135.D
 Acq: 29 Jan 2018 22:28

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0129SBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.8	75.8	113.8

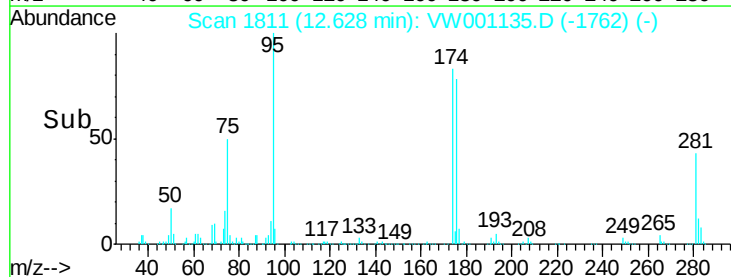
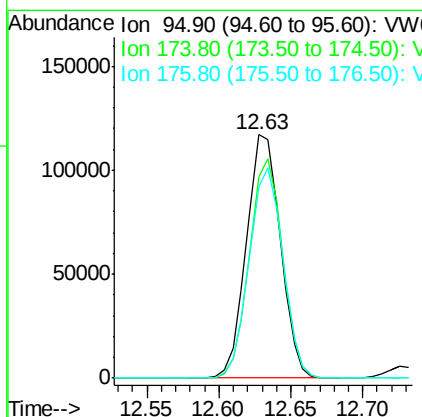
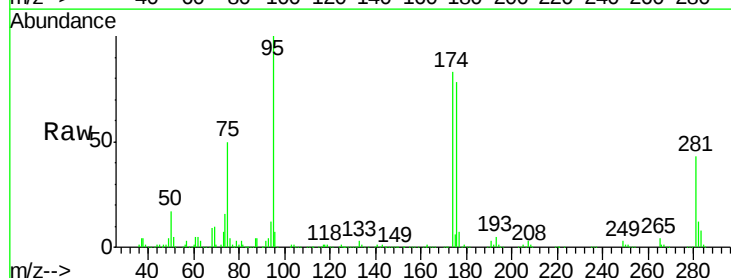
Manual Integrations
 APPROVED

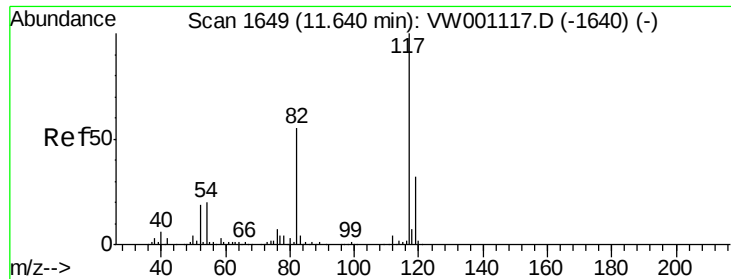
sam
 1/30/2018 5:58:56 PM



#62
 4-Bromofluorobenzene
 Concen: 53.84 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW001135.D
 Acq: 29 Jan 2018 22:28

Tgt Ion	Ratio	Lower	Upper
95	100		
174	88.0	0.0	179.6
176	85.7	0.0	174.4





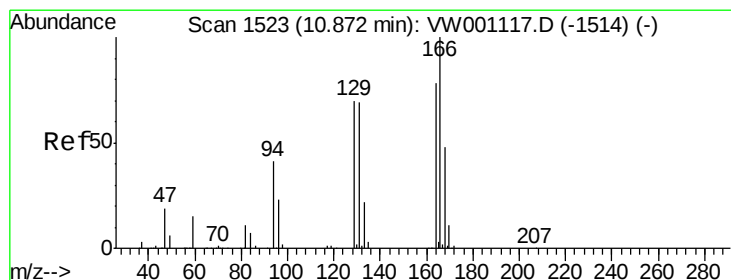
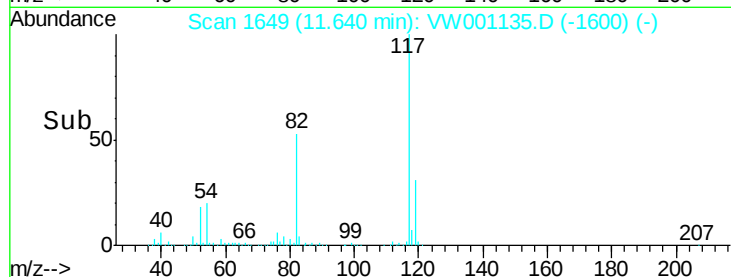
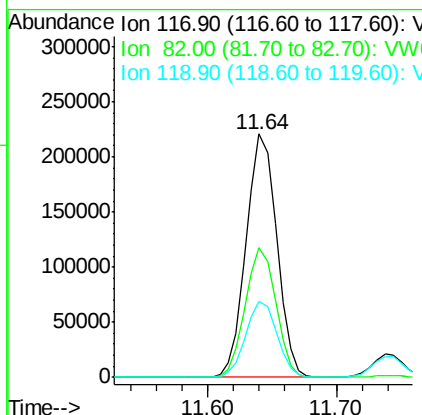
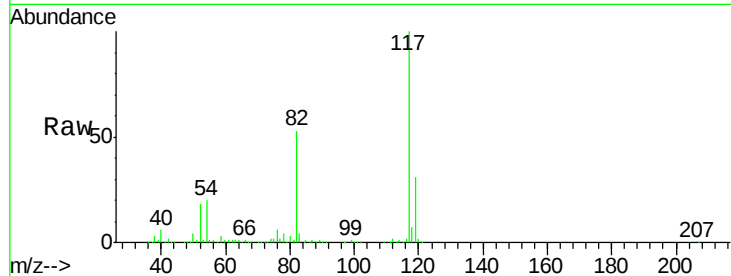
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VW001135.D
Acq: 29 Jan 2018 22:28

Instrument :
MSVOA_W
ClientSampleId :
VW0129SBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.4	43.8	65.8
119	31.2	25.8	38.8

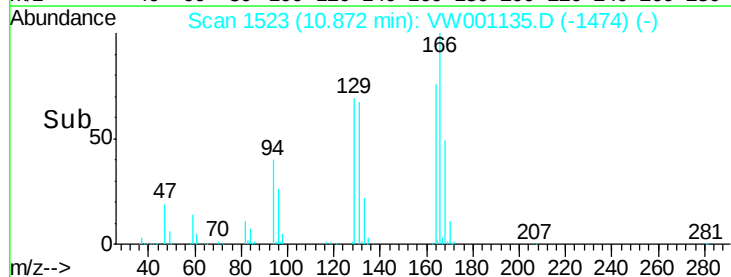
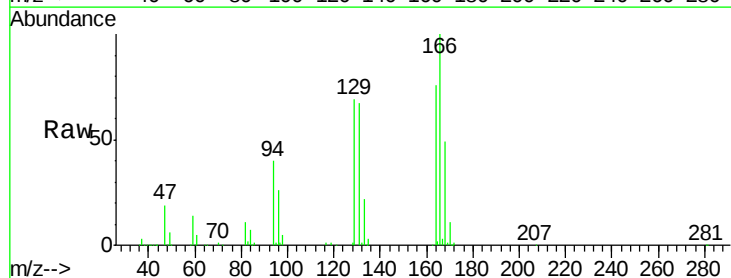
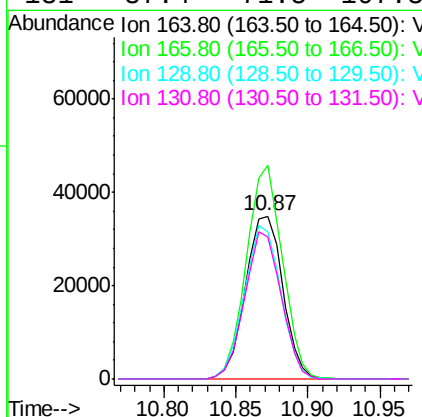
Manual Integrations
APPROVED

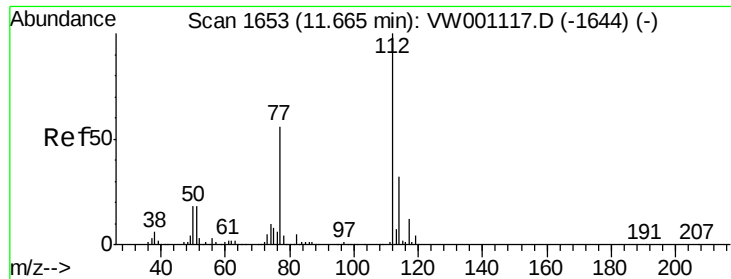
sam
1/30/2018 5:58:56 PM



#64
Tetrachloroethene
Concen: 21.41 ug/l
RT: 10.87 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VW001135.D
Acq: 29 Jan 2018 22:28

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.3	103.1	154.7
129	90.5	72.3	108.5
131	87.4	71.5	107.3





#65

Chlorobenzene

Concen: 19.93 ug/l

RT: 11.66 min Scan# 1653

Delta R.T. -0.00 min

Lab File: VW001135.D

Acq: 29 Jan 2018 22:28

Instrument :

MSVOA_W

ClientSampleId :

VW0129SBSD01

Tot Ion:112 Resp: 146416

Ion Ratio Lower Upper

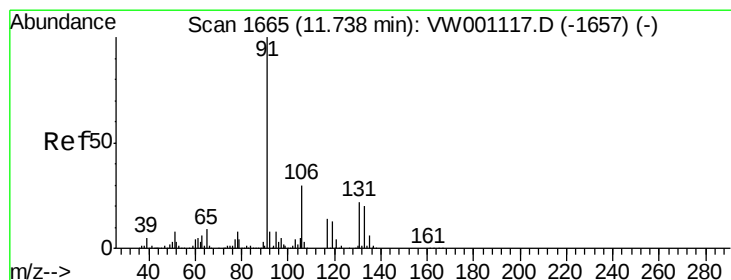
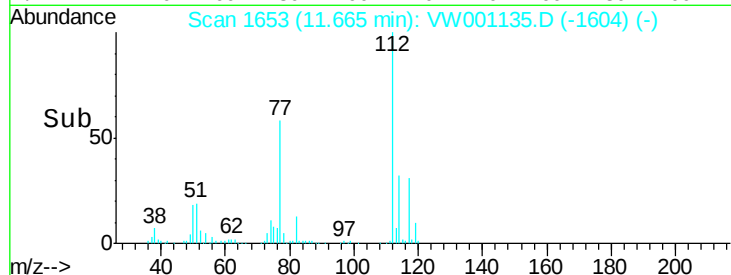
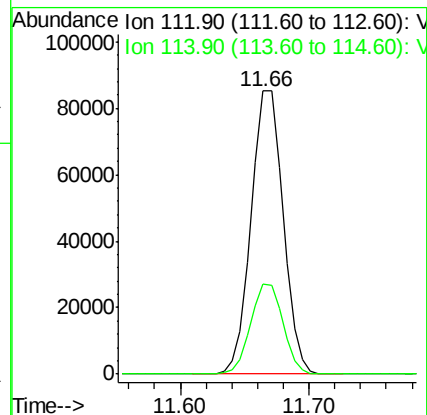
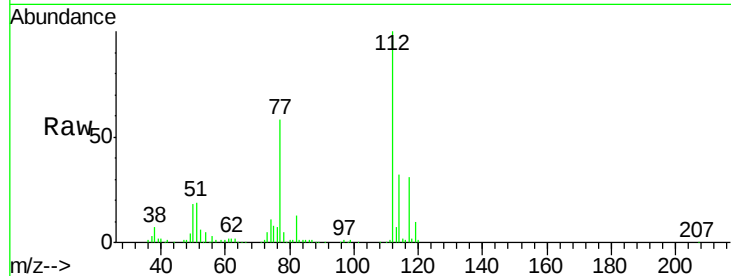
112 100

114 32.0 25.5 38.3

Manual Integrations
APPROVED

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#66

1,1,1,2-Tetrachloroethane

Concen: 19.87 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VW001135.D

Acq: 29 Jan 2018 22:28

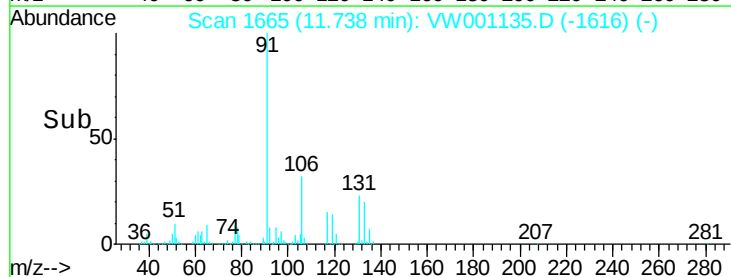
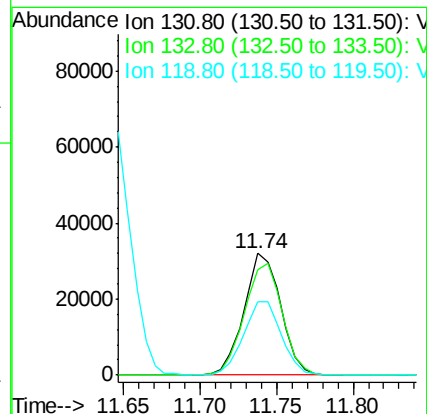
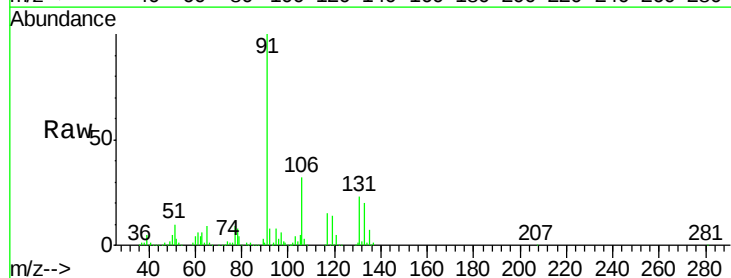
Tgt Ion:131 Resp: 53311

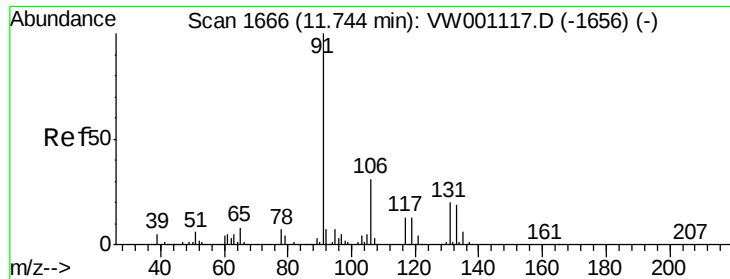
Ion Ratio Lower Upper

131 100

133 95.0 47.3 141.8

119 62.6 31.5 94.5





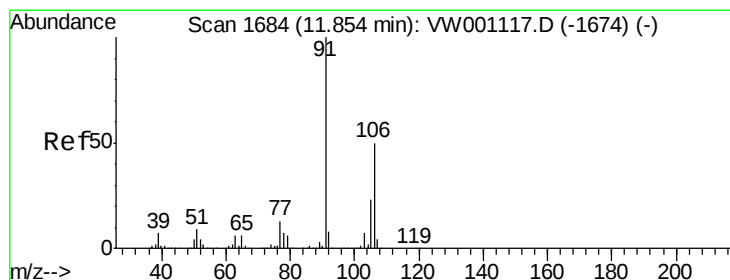
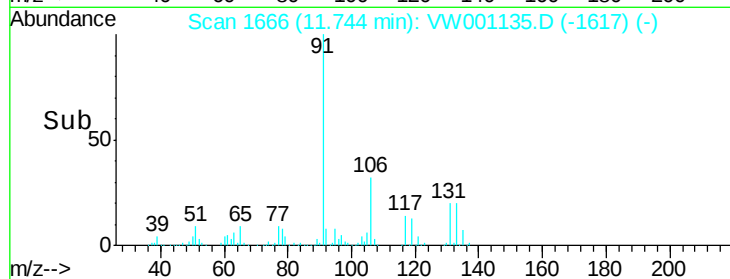
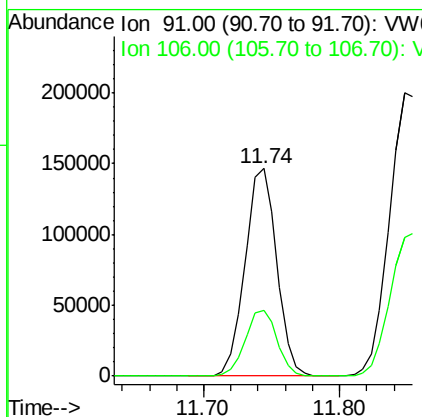
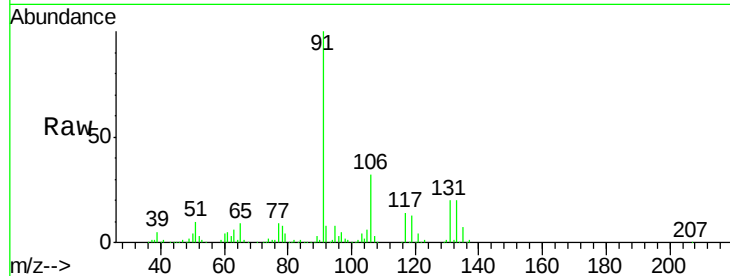
#67
Ethyl Benzene
Concen: 19.58 ug/l
RT: 11.74 min Scan# 1666
Delta R.T. -0.00 min
Lab File: VW001135.D
Acq: 29 Jan 2018 22:28

Instrument :
MSVOA_W
ClientSampleId :
VW0129SBS01

Tot Ion: 91 Resp: 240118
Ion Ratio Lower Upper
91 100
106 31.9 24.6 36.8

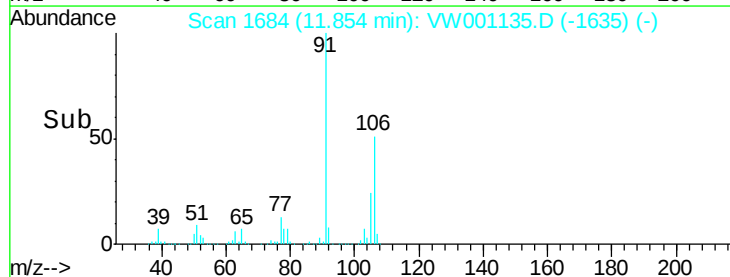
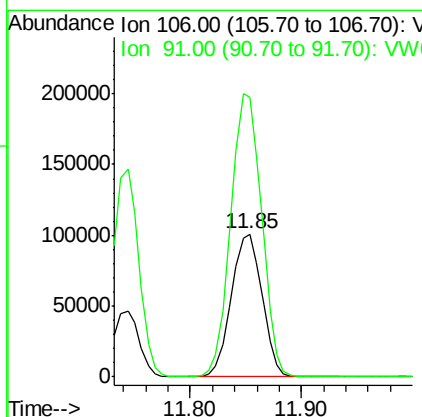
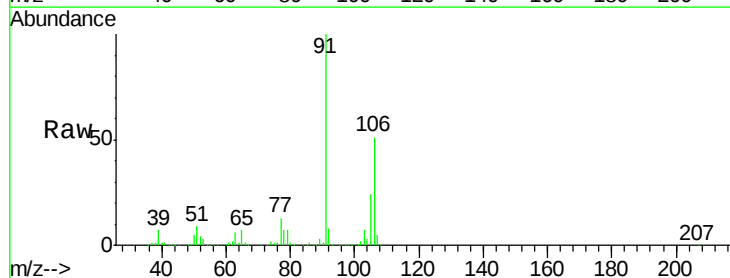
Manual Integrations
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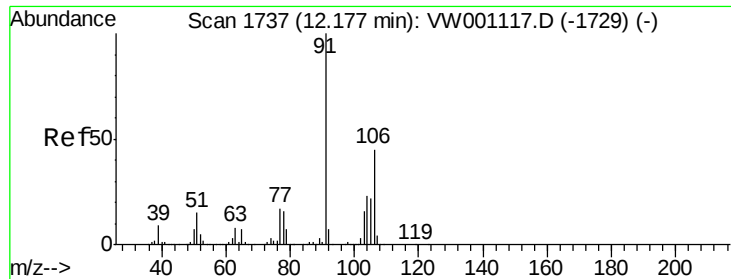
sam
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#68
m/p-Xylenes
Concen: 40.38 ug/l
RT: 11.85 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW001135.D
Acq: 29 Jan 2018 22:28

Tgt Ion: 106 Resp: 192956
Ion Ratio Lower Upper
106 100
91 199.2 163.1 244.7





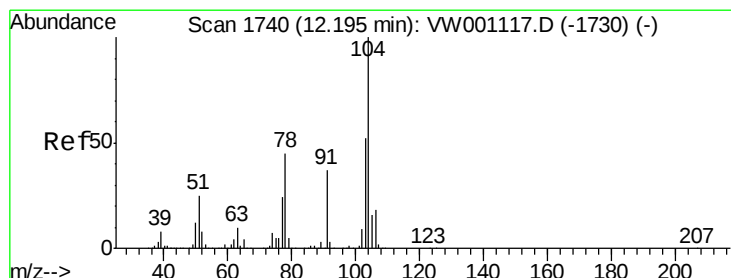
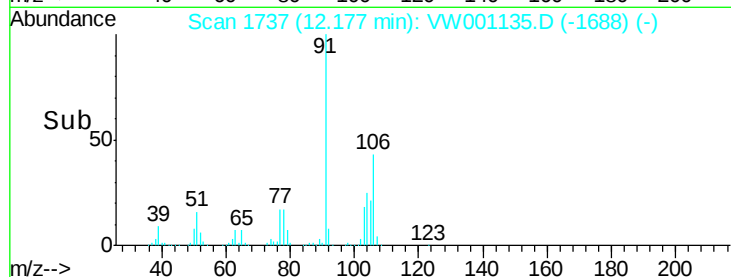
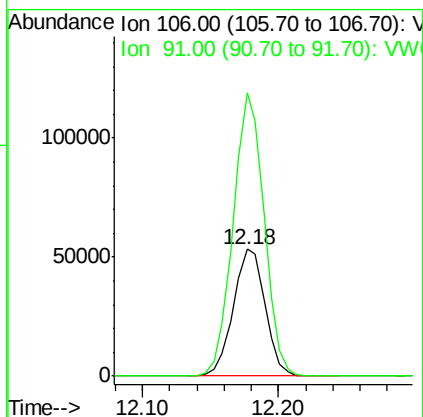
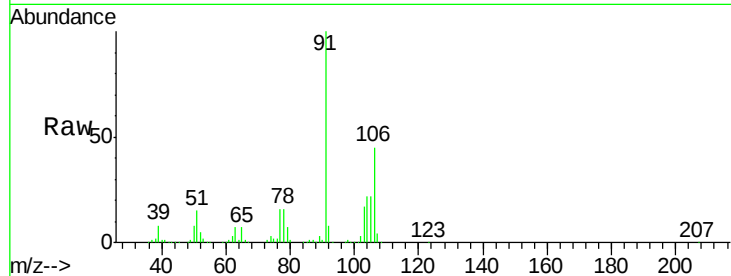
#69
o-Xylene
Concen: 19.66 ug/l
RT: 12.18 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VW001135.D
Acq: 29 Jan 2018 22:28

Instrument :
MSVOA_W
ClientSampleId :
VW0129SBS01

Tot Ion:106 Resp: 86619
Ion Ratio Lower Upper
106 100
91 218.3 107.6 322.8

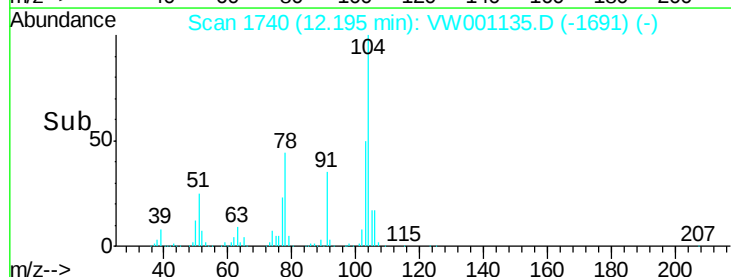
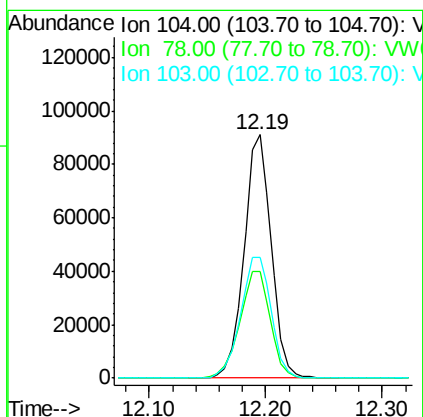
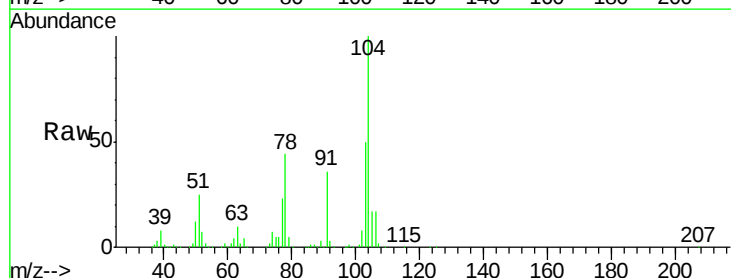
Manual Integrations
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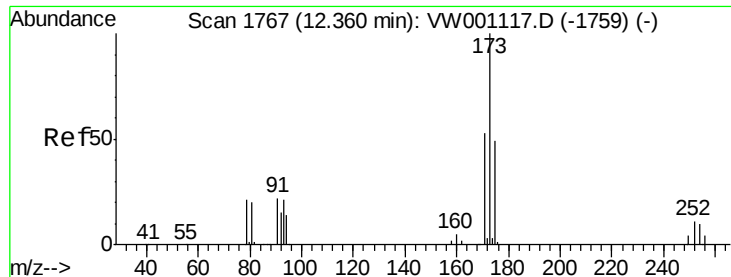
sam
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#70
Styrene
Concen: 20.38 ug/l
RT: 12.19 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW001135.D
Acq: 29 Jan 2018 22:28

Tgt Ion:104 Resp: 147585
Ion Ratio Lower Upper
104 100
78 49.4 39.9 59.9
103 56.2 44.7 67.1





#71

Bromoform

Concen: 20.38 ug/l

RT: 12.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VW001135.D

Acq: 29 Jan 2018 22:28

Instrument :

MSVOA_W

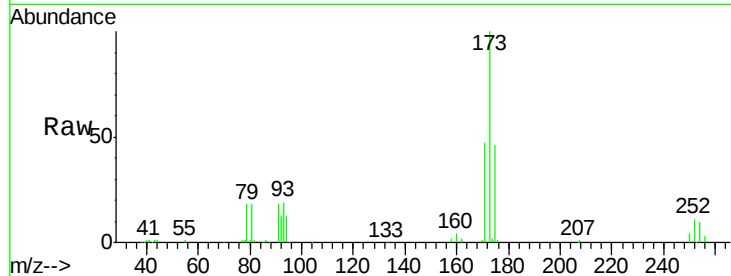
ClientSampleId :

VW0129SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.5	24.9	74.6
254	0.0	0.1	0.1#

Manual Integrations
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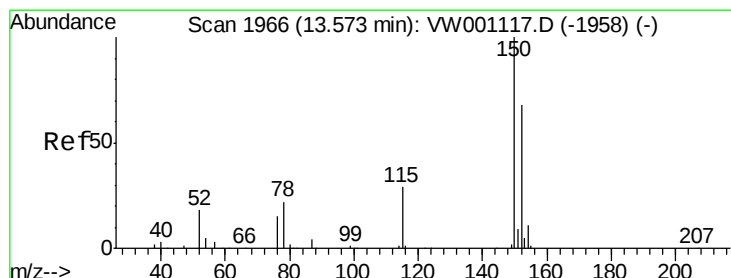
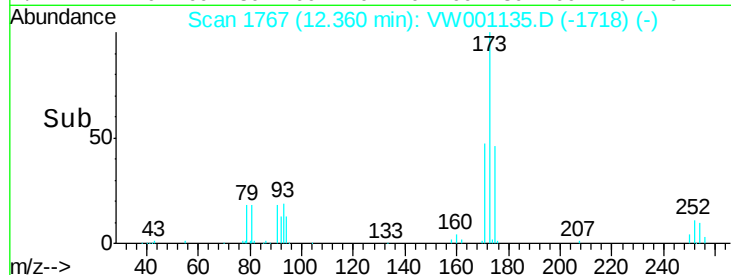
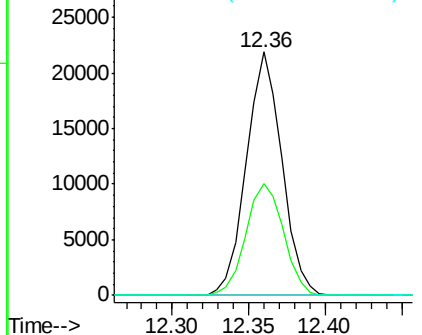


Abundance

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

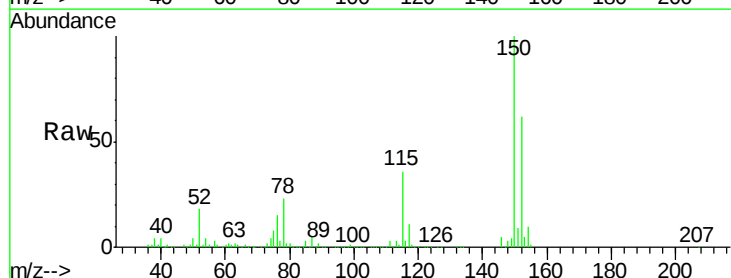
RT: 13.57 min Scan# 1966

Delta R.T. -0.00 min

Lab File: VW001135.D

Acq: 29 Jan 2018 22:28

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.8	28.4	85.3
150	162.9	0.0	342.4

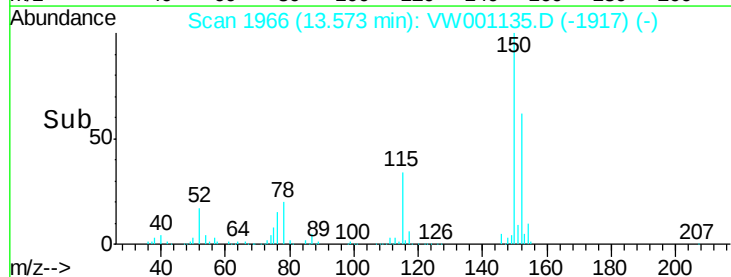
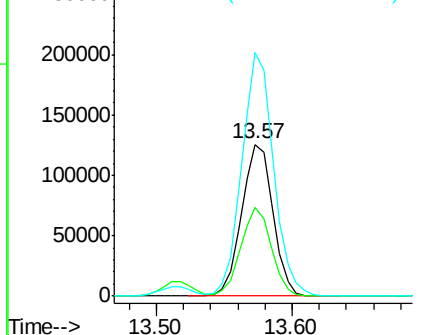


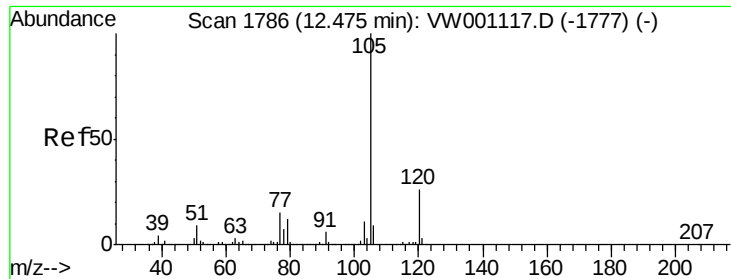
Abundance

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





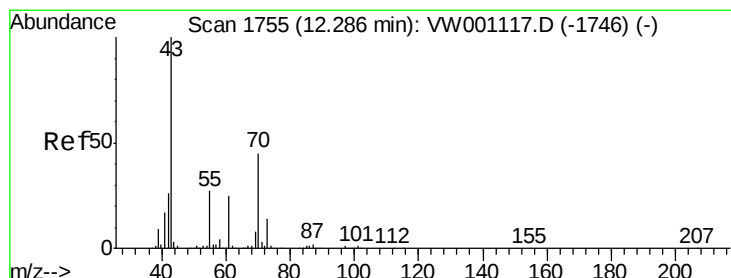
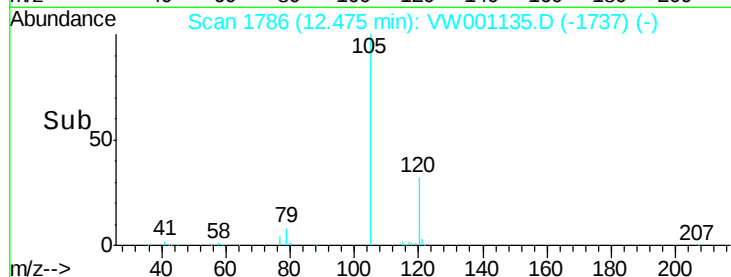
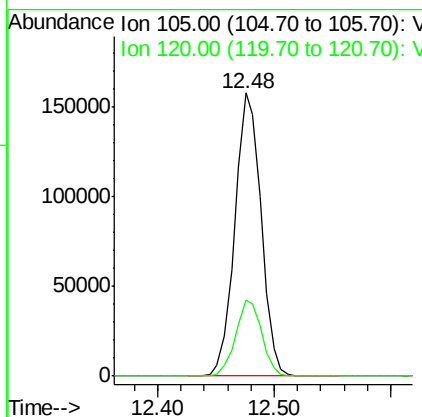
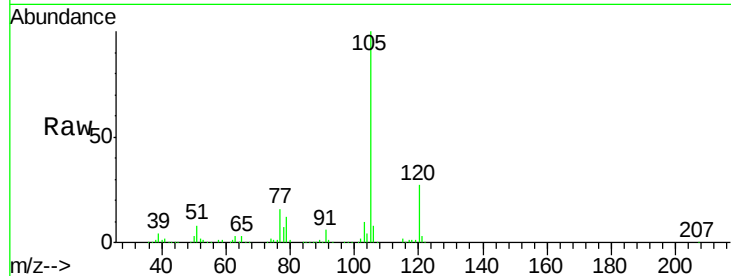
#73
Isopropylbenzene
Concen: 19.55 ug/l
RT: 12.48 min Scan# 1786
Delta R.T. -0.00 min
Lab File: VW001135.D
Acq: 29 Jan 2018 22:28

Instrument :
MSVOA_W
ClientSampleId :
VW0129SBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.7	13.3	39.9

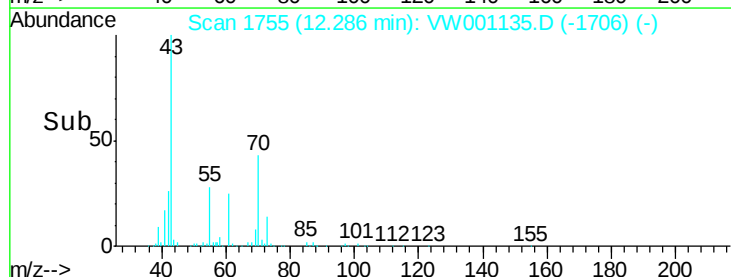
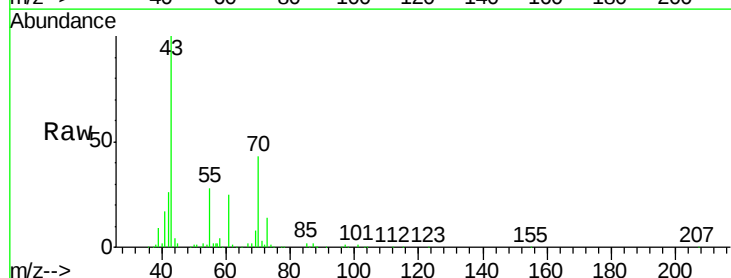
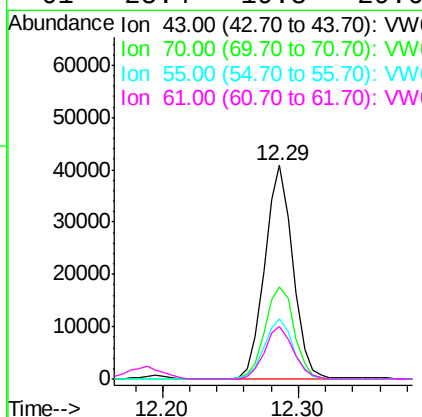
Manual Integrations
APPROVED

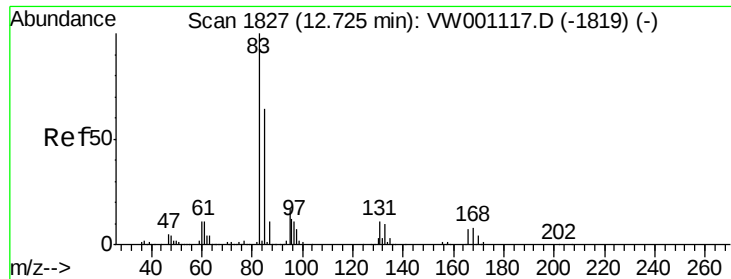
sam
1/30/2018 5:58:56 PM



#74
N-ethyl acetate
Concen: 20.52 ug/l
RT: 12.29 min Scan# 1755
Delta R.T. -0.00 min
Lab File: VW001135.D
Acq: 29 Jan 2018 22:28

Tgt Ion	Ratio	Lower	Upper
43	100		
70	45.3	36.0	54.0
55	29.3	21.7	32.5
61	25.4	19.8	29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 20.38 ug/l

RT: 12.73 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VW001135.D

Acq: 29 Jan 2018 22:28

Instrument :

MSVOA_W

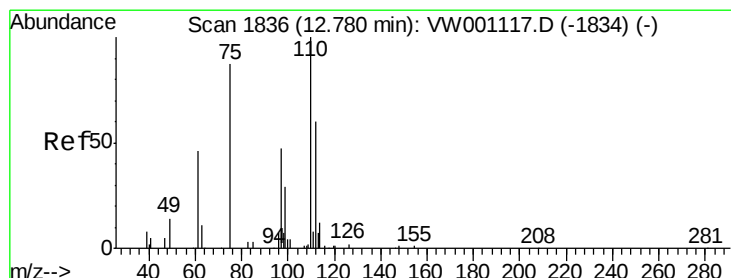
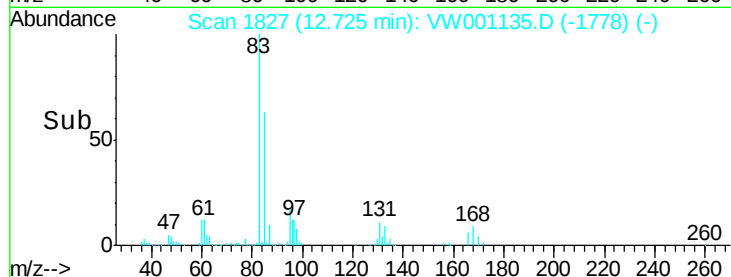
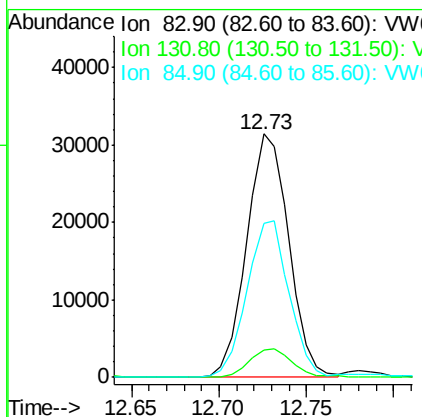
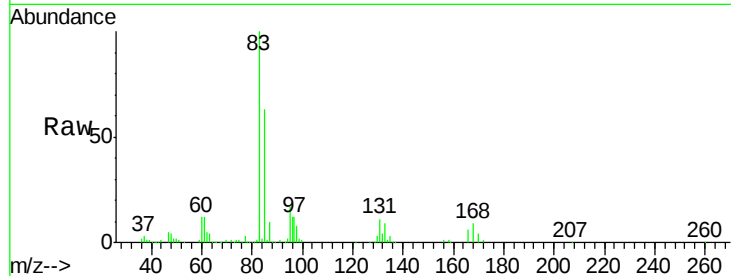
ClientSampleId :

VW0129SBS01

Tot Ion:	83	Resp:	52577
Ion Ratio	Lower	Upper	
83	100		
131	12.1	5.8	17.4
85	64.5	32.3	96.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 19.41 ug/l m

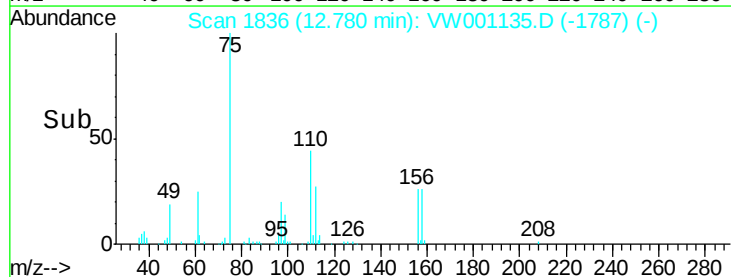
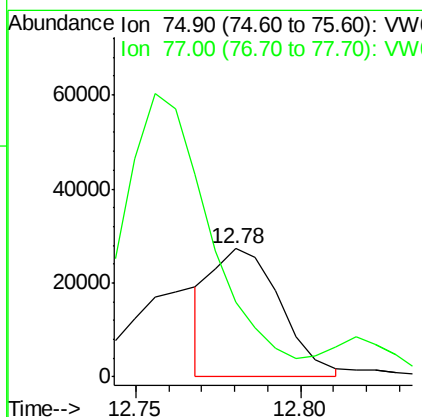
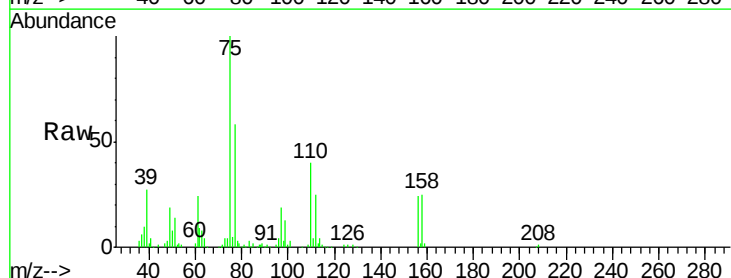
RT: 12.78 min Scan# 1836

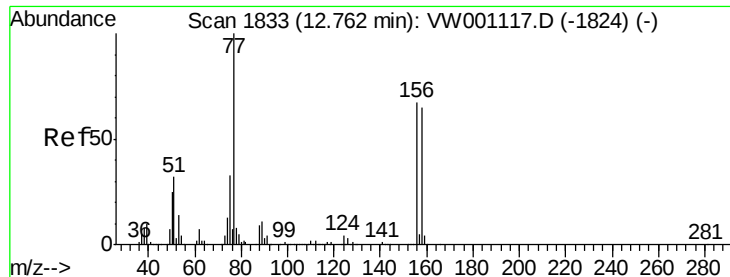
Delta R.T. -0.00 min

Lab File: VW001135.D

Acq: 29 Jan 2018 22:28

Tgt Ion:	75	Resp:	39629
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.92 ug/l

RT: 12.76 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VW001135.D

Acq: 29 Jan 2018 22:28

Instrument :

MSVOA_W

ClientSampleId :

VW0129SBS01

Tot Ion:156 Resp: 65249

Ion Ratio Lower Upper

156 100

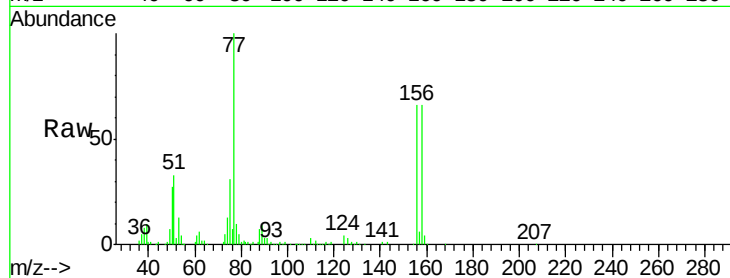
77 173.9 85.3 255.8

158 97.3 48.9 146.7

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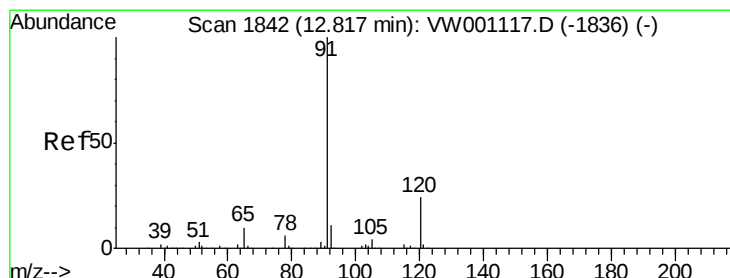
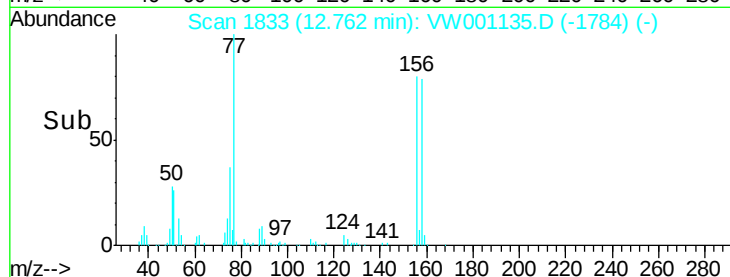
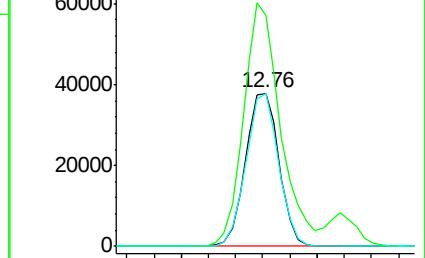
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.61 ug/l

RT: 12.82 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VW001135.D

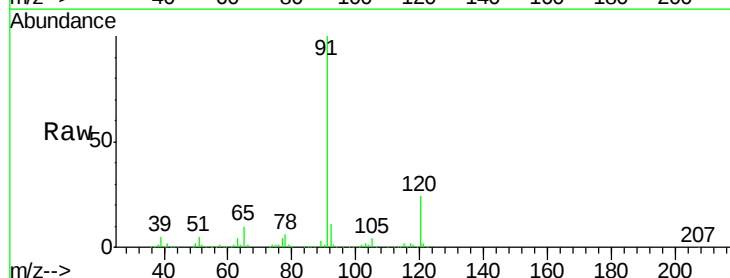
Acq: 29 Jan 2018 22:28

Tgt Ion: 91 Resp: 296218

Ion Ratio Lower Upper

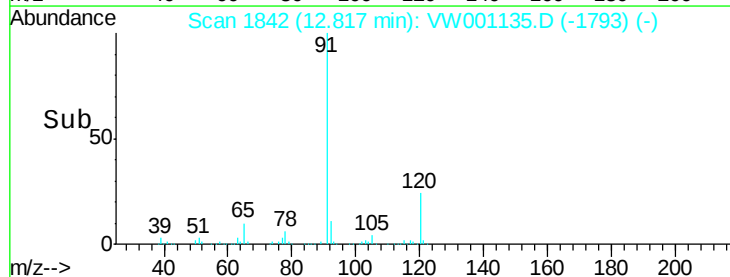
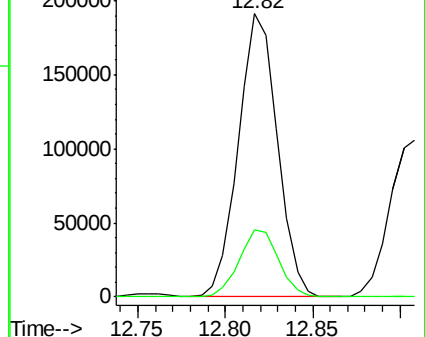
91 100

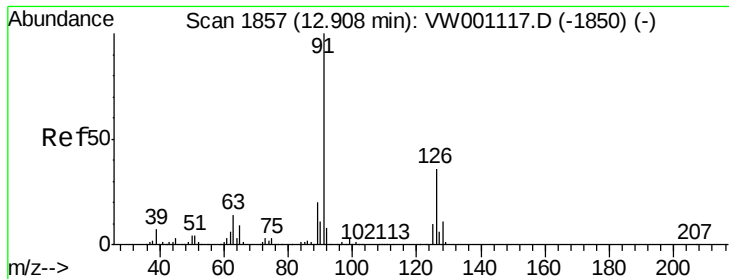
120 23.8 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.86 ug/l

RT: 12.91 min Scan# 1857

Delta R.T. -0.00 min

Lab File: VW001135.D

Acq: 29 Jan 2018 22:28

Instrument :

MSVOA_W

ClientSampleId :

VW0129SBS01

Tot Ion: 91 Resp: 171634

Ion Ratio Lower Upper

91 100

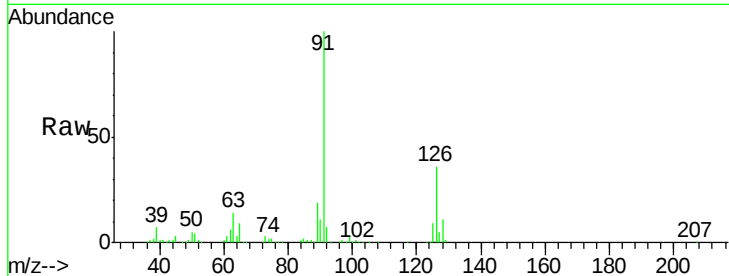
126 34.9 17.5 52.6

Manual Integrations

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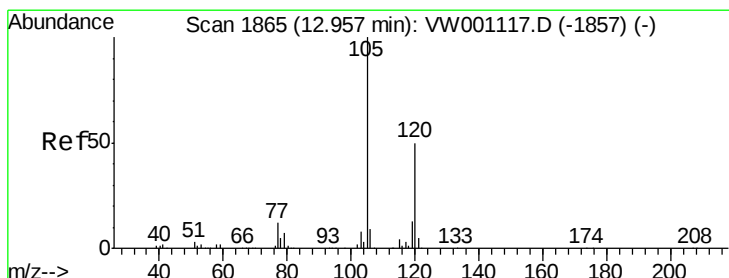
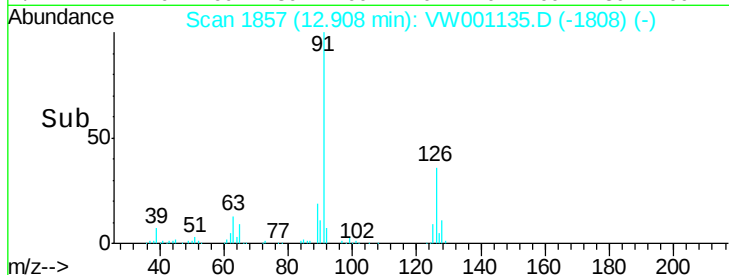
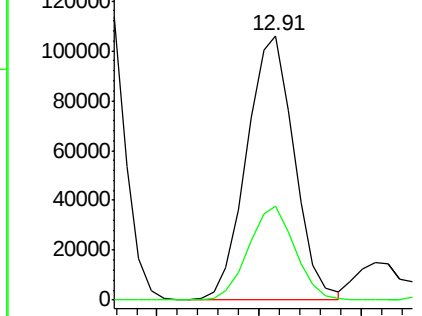
sam

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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.87 ug/l

RT: 12.96 min Scan# 1865

Delta R.T. -0.00 min

Lab File: VW001135.D

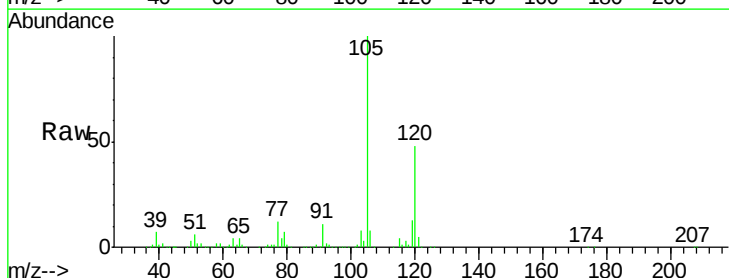
Acq: 29 Jan 2018 22:28

Tgt Ion:105 Resp: 214344

Ion Ratio Lower Upper

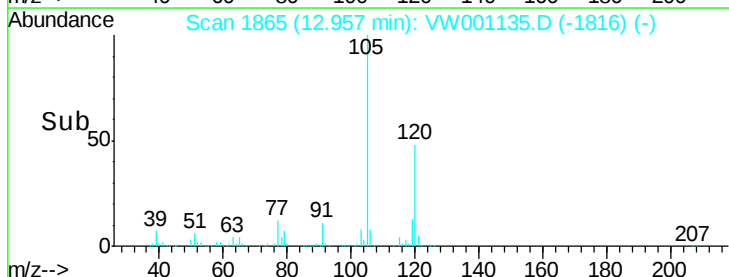
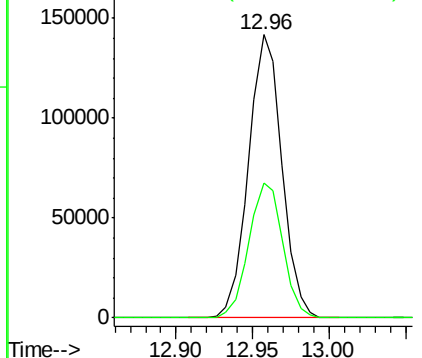
105 100

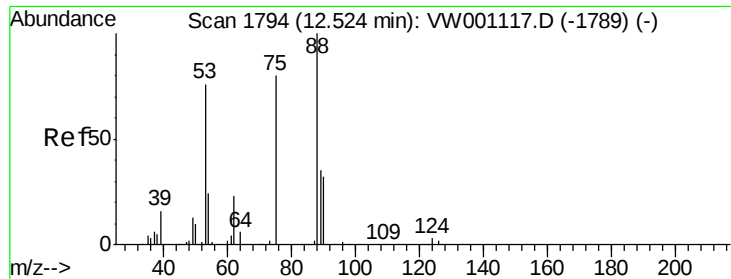
120 48.8 24.9 74.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





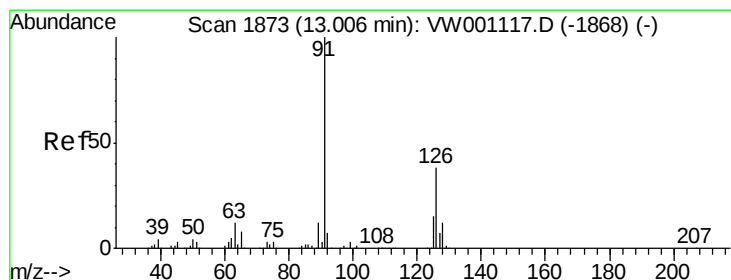
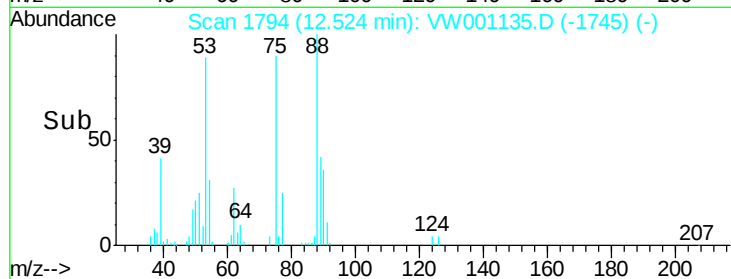
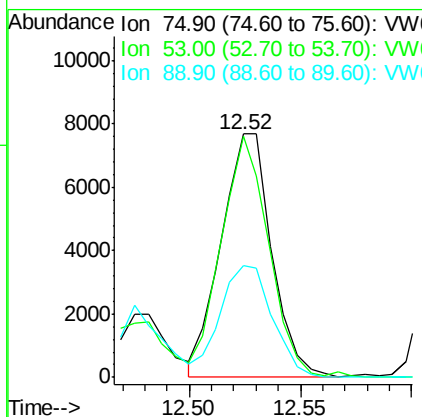
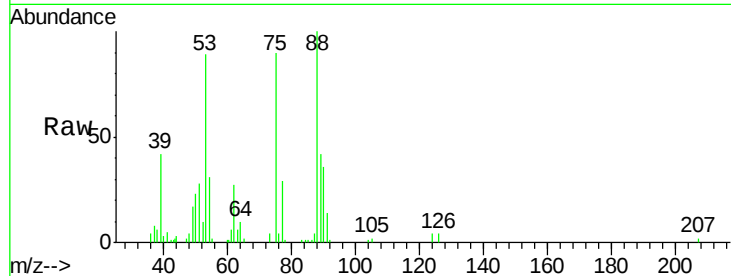
#81
trans-1,4-Dichloro-2-butene
Concen: 15.62 ug/l
RT: 12.52 min Scan# 1794
Delta R.T. -0.00 min
Lab File: VW001135.D
Acq: 29 Jan 2018 22:28

Instrument :
MSVOA_W
ClientSampleId :
VW0129SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	93.7	75.0	112.6
89	47.7	38.2	57.4

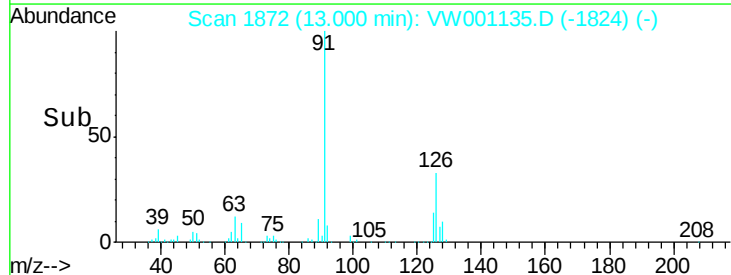
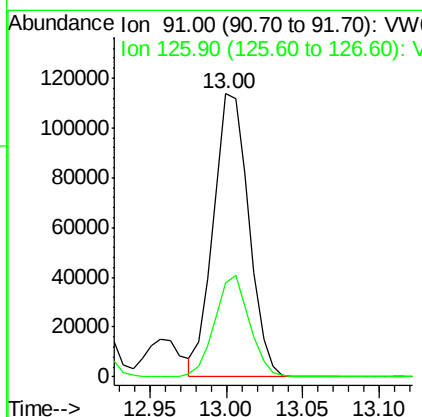
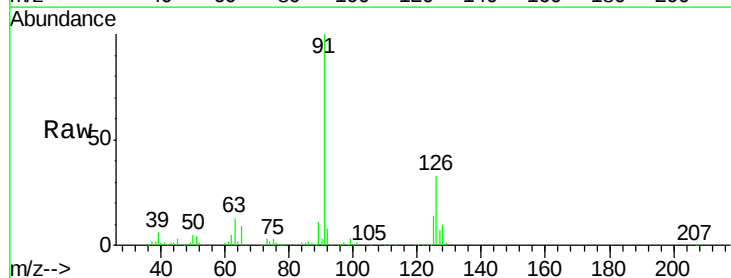
Manual Integrations
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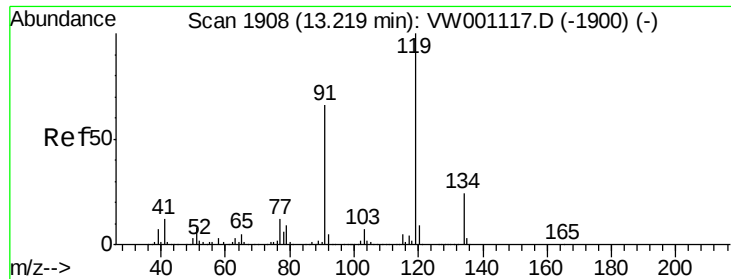
sam
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#82
4-Chlorotoluene
Concen: 19.86 ug/l
RT: 13.00 min Scan# 1872
Delta R.T. -0.01 min
Lab File: VW001135.D
Acq: 29 Jan 2018 22:28

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.2	17.8	53.4





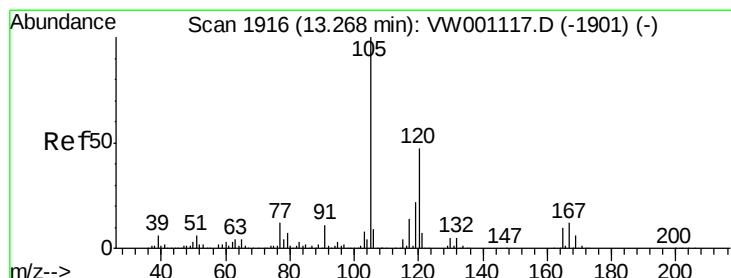
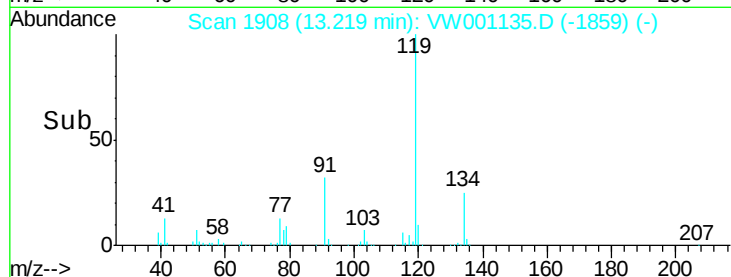
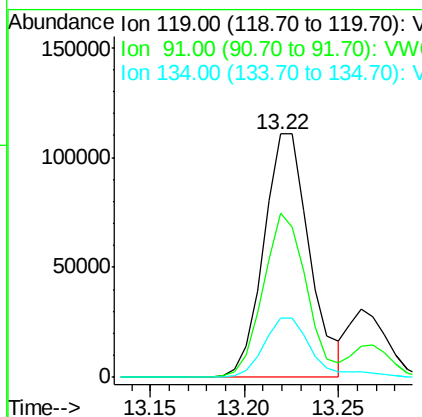
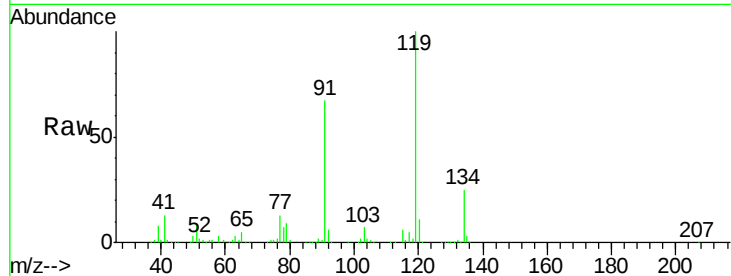
#83
tert-Butylbenzene
Concen: 19.60 ug/l
RT: 13.22 min Scan# 1908
Delta R.T. -0.00 min
Lab File: VW001135.D
Acq: 29 Jan 2018 22:28

Instrument :
MSVOA_W
ClientSampleId :
VW0129SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	63.7	31.9	95.5
134	25.8	12.7	38.0

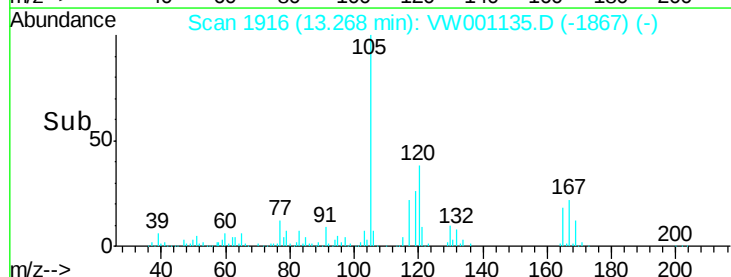
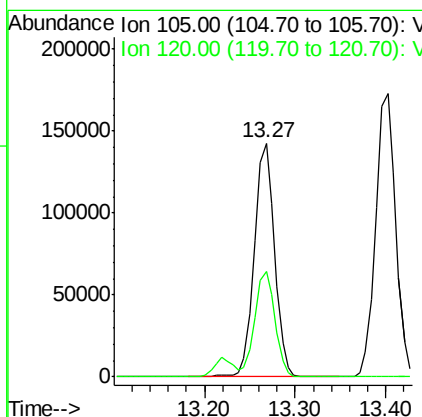
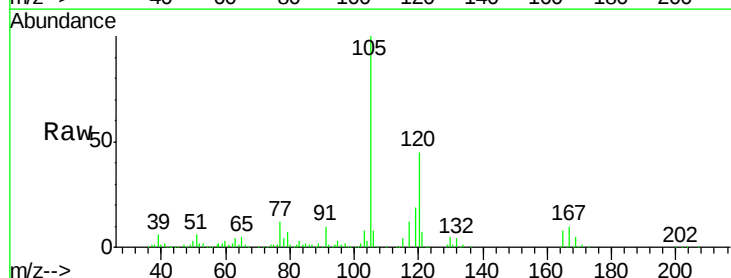
Manual Integrations
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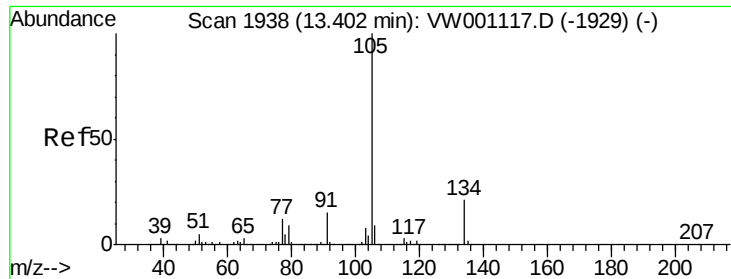
sam
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#84
1,2,4-Trimethylbenzene
Concen: 20.09 ug/l
RT: 13.27 min Scan# 1916
Delta R.T. -0.00 min
Lab File: VW001135.D
Acq: 29 Jan 2018 22:28

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.4	22.9	68.8





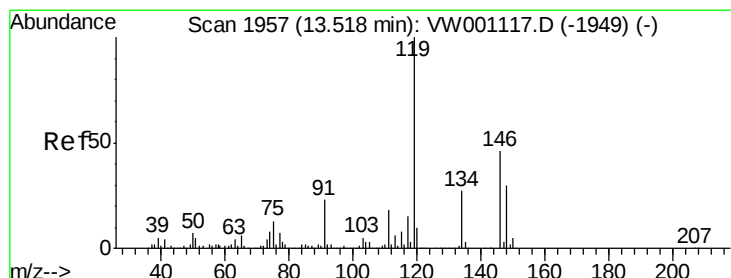
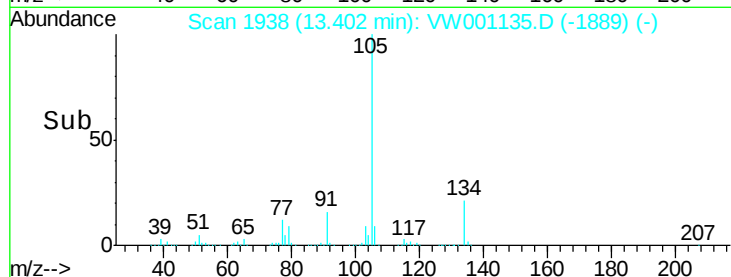
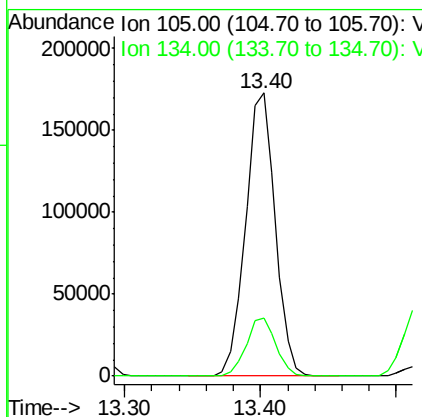
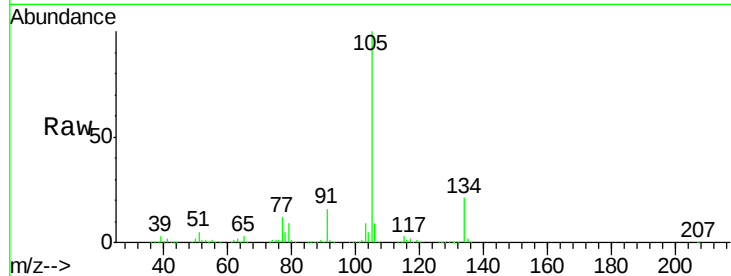
#85
 sec-Butylbenzene
 Concen: 19.59 ug/l
 RT: 13.40 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VW001135.D
 Acq: 29 Jan 2018 22:28

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0129SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.5	10.3	30.8

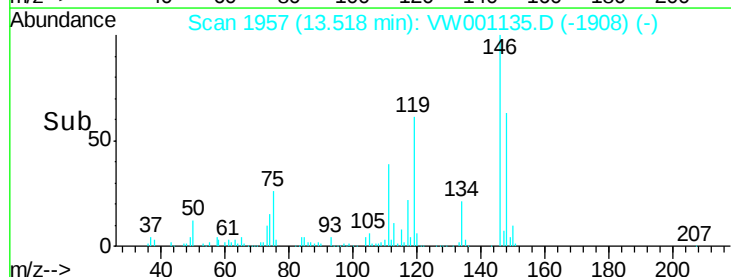
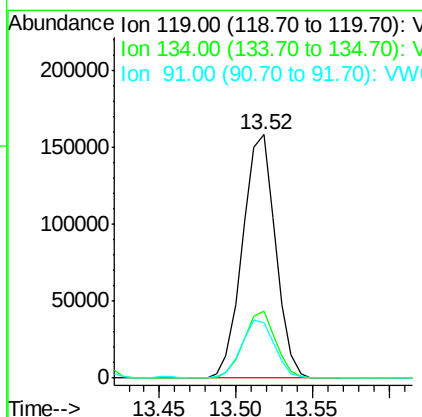
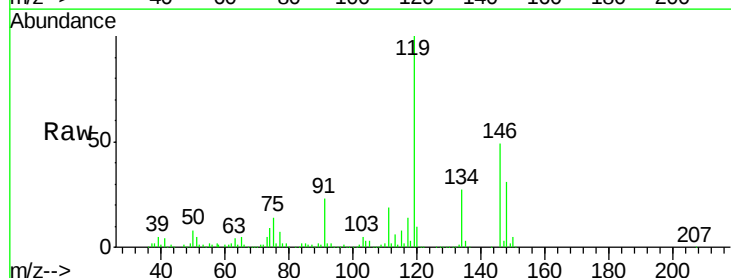
Manual Integrations
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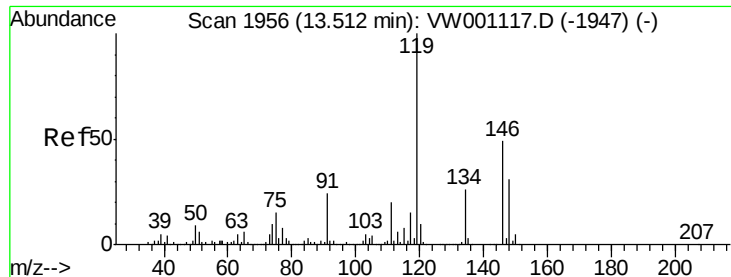
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#86
 p-Isopropyltoluene
 Concen: 19.69 ug/l
 RT: 13.52 min Scan# 1957
 Delta R.T. -0.00 min
 Lab File: VW001135.D
 Acq: 29 Jan 2018 22:28

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.1	13.4	40.1
91	23.8	11.8	35.4





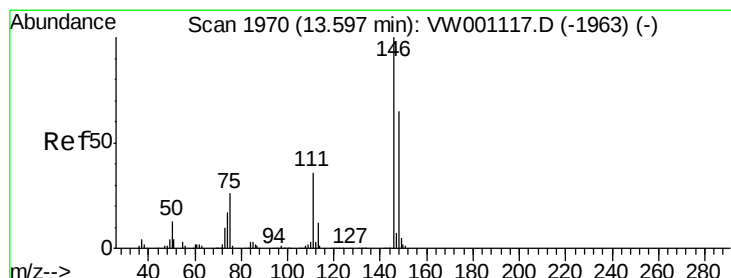
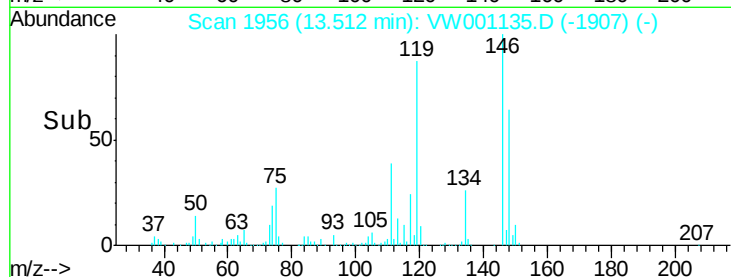
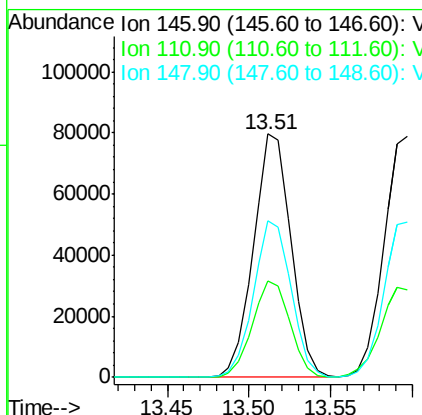
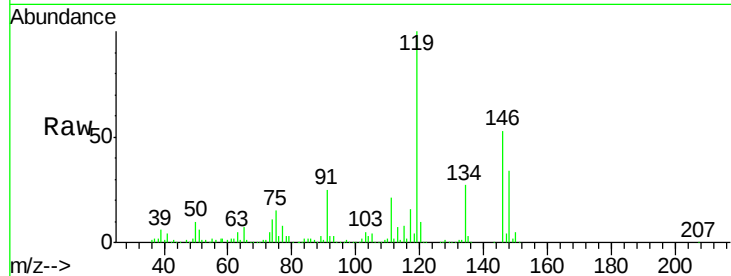
#87
 1,3-Dichlorobenzene
 Concen: 19.74 ug/l
 RT: 13.51 min Scan# 1956
 Delta R.T. -0.00 min
 Lab File: VW001135.D
 Acq: 29 Jan 2018 22:28

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0129SBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.7	59.1
148	64.2	31.9	95.5

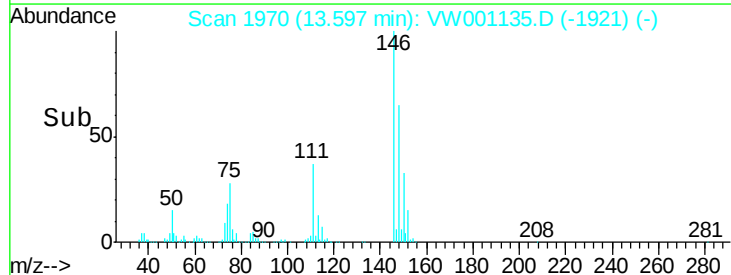
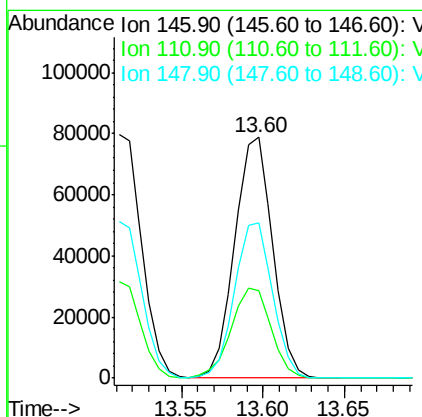
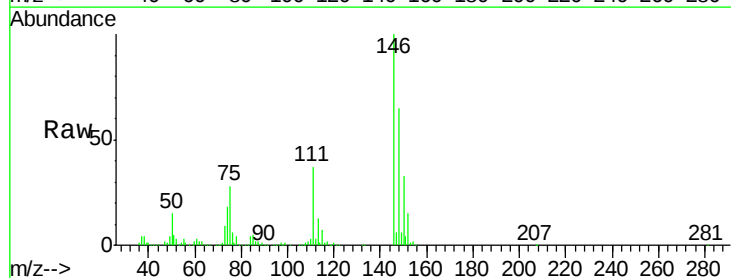
Manual Integrations
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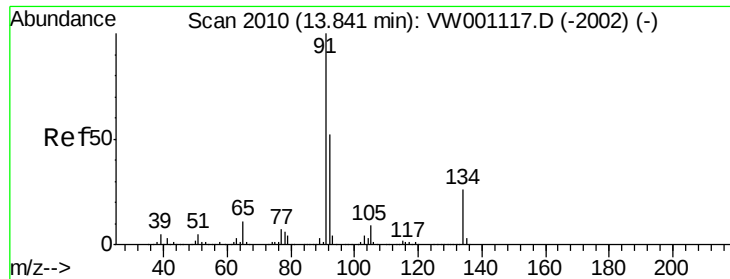
sam
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#88
 1,4-Dichlorobenzene
 Concen: 19.64 ug/l
 RT: 13.60 min Scan# 1970
 Delta R.T. -0.00 min
 Lab File: VW001135.D
 Acq: 29 Jan 2018 22:28

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.1	57.1
148	64.8	32.5	97.5





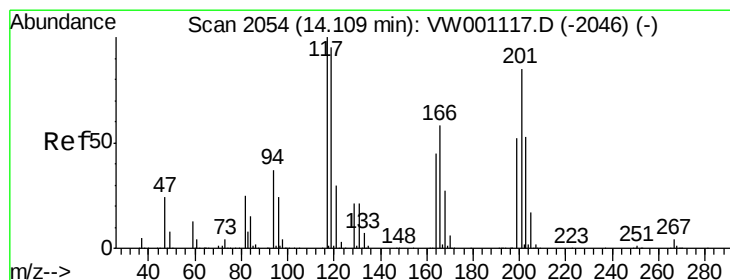
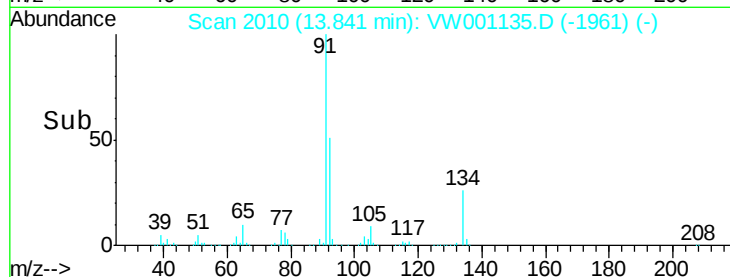
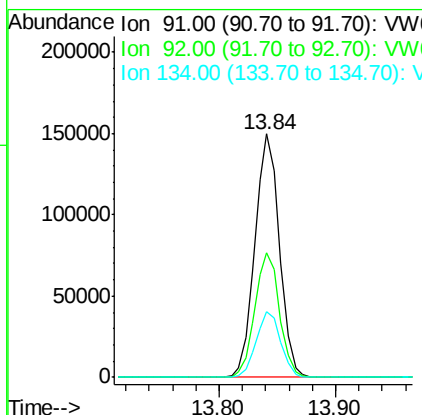
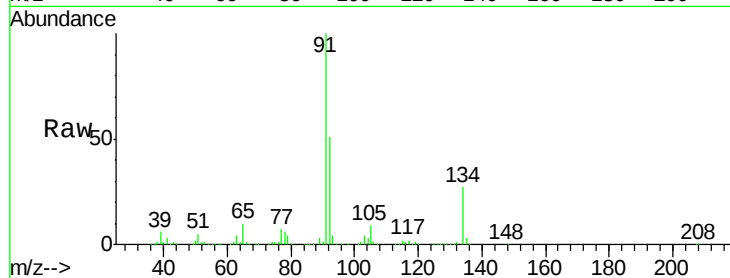
#89
n-Butylbenzene
Concen: 19.63 ug/l
RT: 13.84 min Scan# 2010
Delta R.T. -0.00 min
Lab File: VW001135.D
Acq: 29 Jan 2018 22:28

Instrument :
MSVOA_W
ClientSampleId :
VW0129SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	51.3	26.1	78.2	
134	27.0	13.6	40.8	

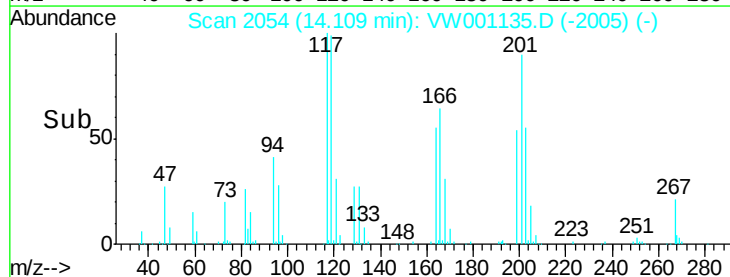
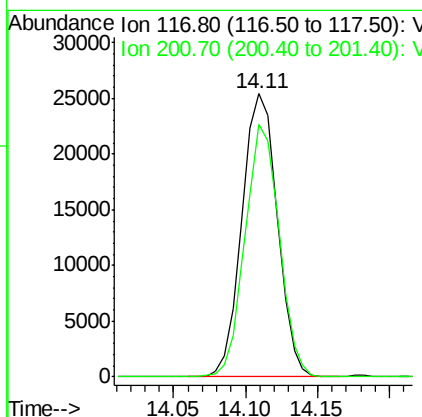
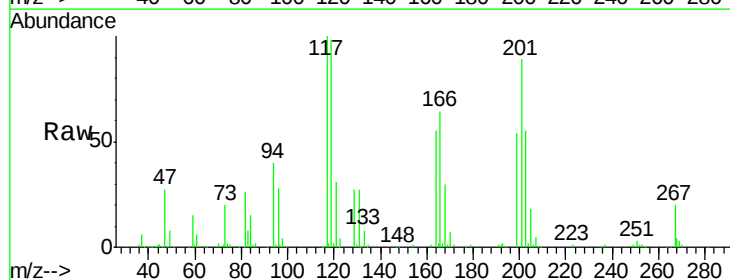
Manual Integrations
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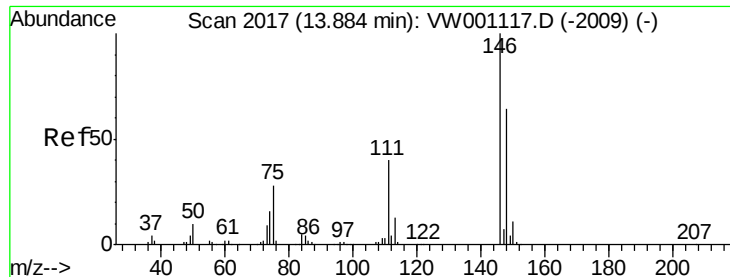
sam
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#90
Hexachloroethane
Concen: 19.33 ug/l
RT: 14.11 min Scan# 2054
Delta R.T. -0.00 min
Lab File: VW001135.D
Acq: 29 Jan 2018 22:28

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	86.1	43.3	129.8	





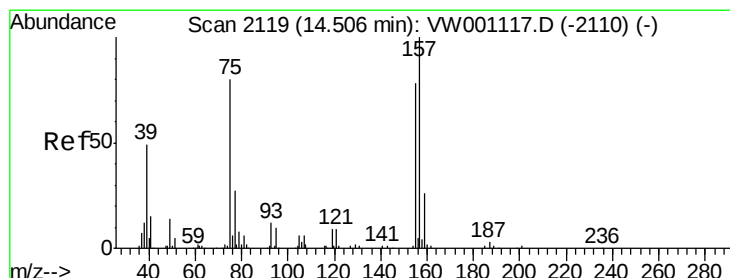
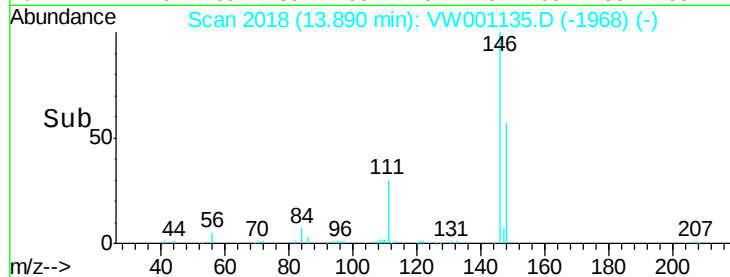
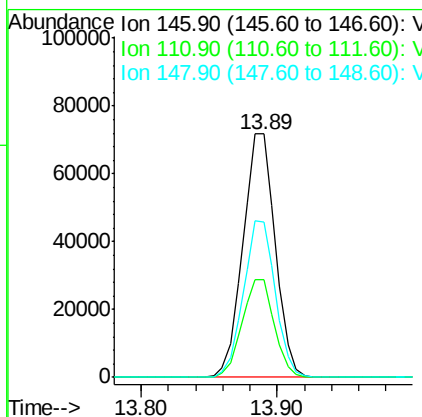
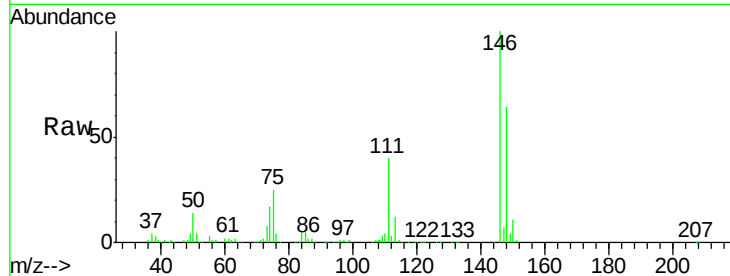
#91
 1,2-Dichlorobenzene
 Concen: 20.17 ug/l
 RT: 13.89 min Scan# 2018
 Delta R.T. 0.01 min
 Lab File: VW001135.D
 Acq: 29 Jan 2018 22:28

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0129SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	119417		
111	40.0	20.4	61.2	
148	63.3	32.2	96.6	

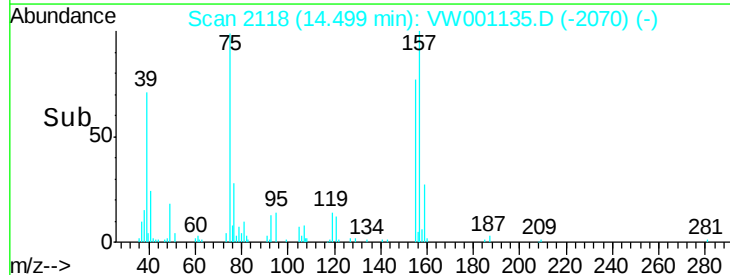
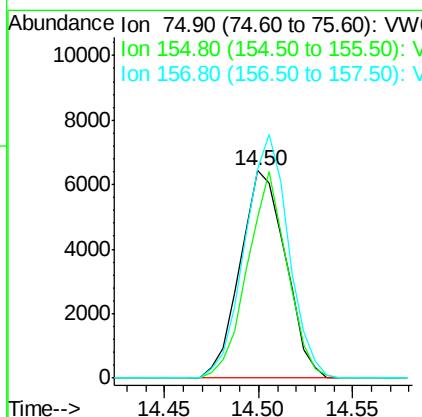
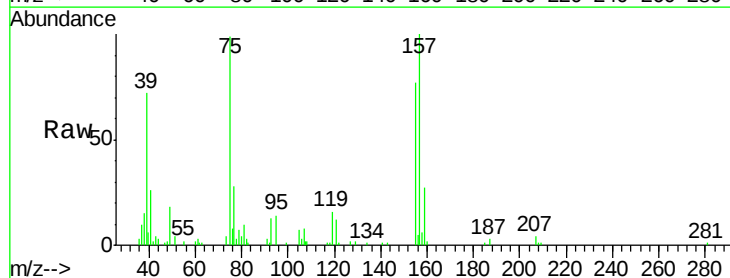
Manual Integrations
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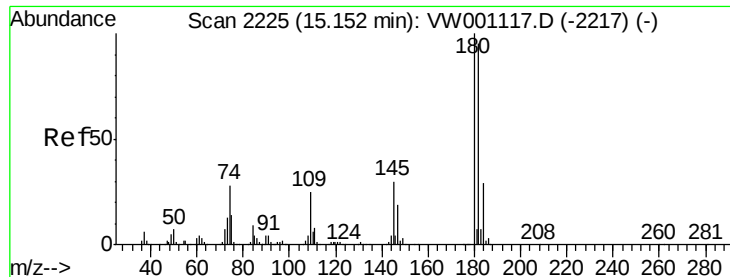
sam
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.61 ug/l
 RT: 14.50 min Scan# 2118
 Delta R.T. -0.01 min
 Lab File: VW001135.D
 Acq: 29 Jan 2018 22:28

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	10727		
155	87.1	46.3	138.9	
157	113.2	60.0	180.0	





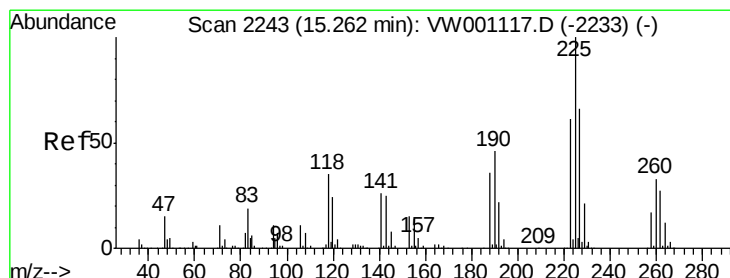
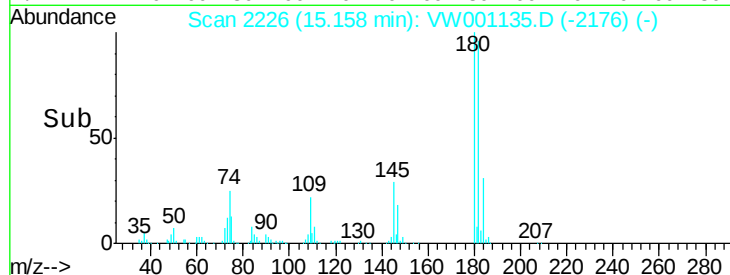
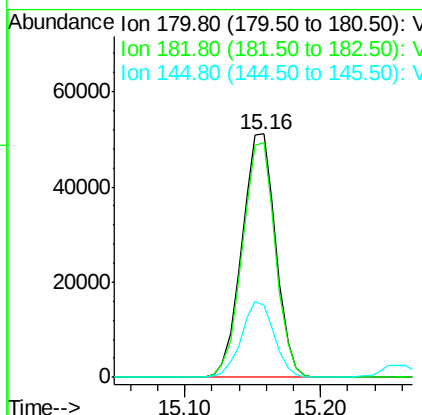
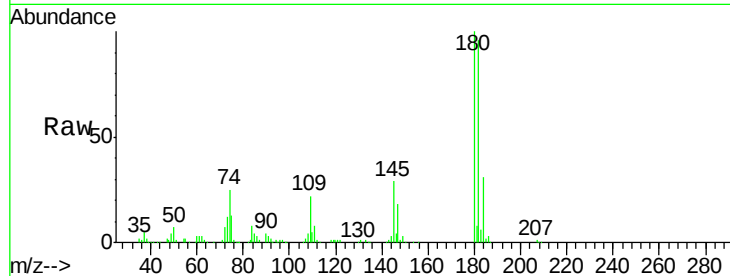
#93
 1,2,4-Trichlorobenzene
 Concen: 20.32 ug/l
 RT: 15.16 min Scan# 2226
 Delta R.T. 0.01 min
 Lab File: VW001135.D
 Acq: 29 Jan 2018 22:28

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0129SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.6	142.9
145	30.3	15.0	45.1

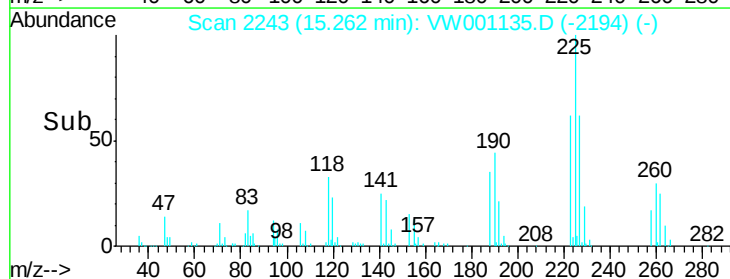
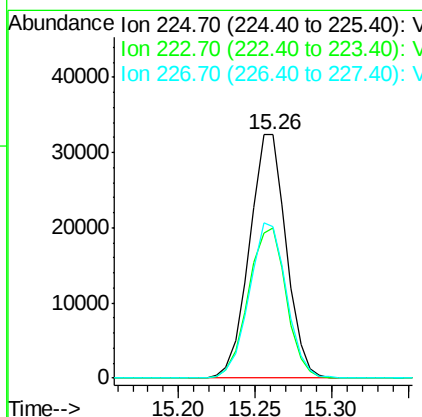
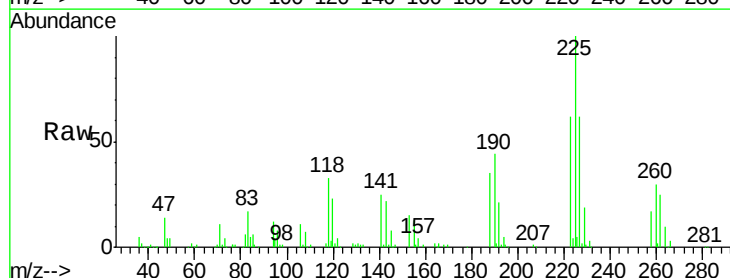
Manual Integrations
 APPROVED

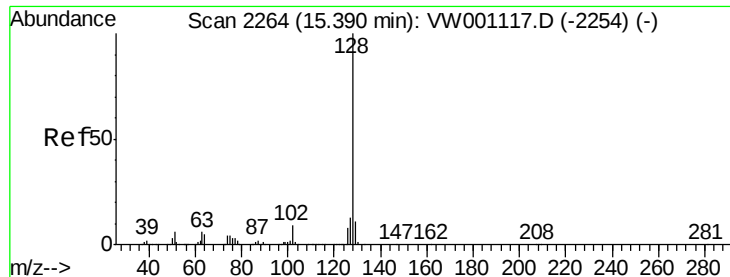
sam
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#94
 Hexachlorobutadiene
 Concen: 20.14 ug/l
 RT: 15.26 min Scan# 2243
 Delta R.T. -0.00 min
 Lab File: VW001135.D
 Acq: 29 Jan 2018 22:28

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	31.1	93.3
227	64.4	32.6	97.8





#95

Naphthalene

Concen: 20.32 ug/l

RT: 15.39 min Scan# 2264

Delta R.T. -0.00 min

Lab File: VW001135.D

Acq: 29 Jan 2018 22:28

Instrument :

MSVOA_W

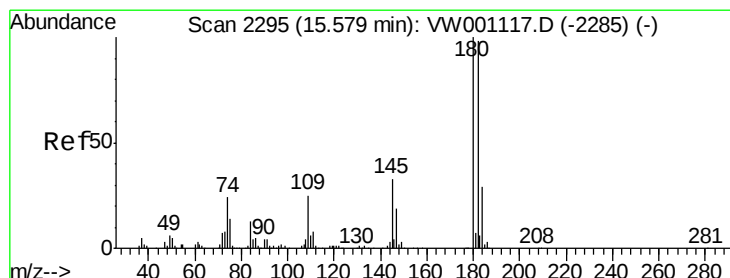
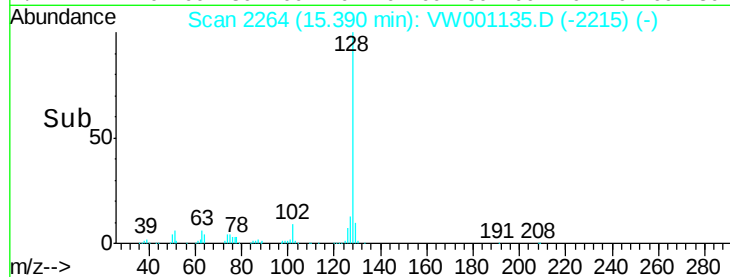
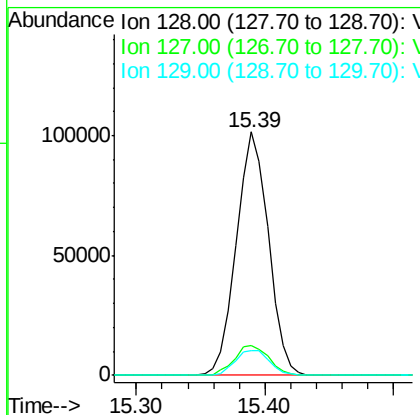
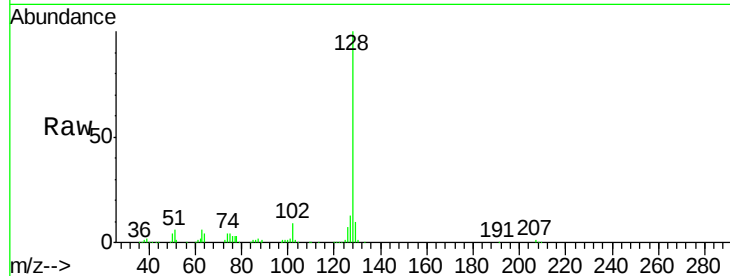
ClientSampleId :

VW0129SBS01

Tot Ion:	128	Resp:	174643
Ion Ratio	Lower	Upper	
128	100		
127	13.5	10.7	16.1
129	11.2	8.7	13.1

Manual Integrations
APPROVED

sam
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#96

1,2,3-Trichlorobenzene

Concen: 20.52 ug/l

RT: 15.58 min Scan# 2295

Delta R.T. -0.00 min

Lab File: VW001135.D

Acq: 29 Jan 2018 22:28

Tgt Ion:	180	Resp:	82424
Ion Ratio	Lower	Upper	
180	100		
182	95.1	48.7	146.1
145	31.2	16.0	47.9

