

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101818\
 Data File : VW006172.D
 Acq On : 18 Oct 2018 13:44
 Operator : VA/AP
 Sample : VW1018SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1018SBS01

Manual Integrations
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 10/19/2018 12:42:13 PM

Quant Time: Oct 19 06:50:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	283216	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	399098	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	358602	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	199132	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	109437	46.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.22%	
35) Dibromofluoromethane	7.88	113	115228	48.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.72%	
50) Toluene-d8	10.33	98	446858	49.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.62%	
62) 4-Bromofluorobenzene	12.62	95	165560	49.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	23856	17.02	ug/l	95
3) Chloromethane	2.21	50	30300	16.80	ug/l	98
4) Vinyl Chloride	2.37	62	49478	19.20	ug/l	99
5) Bromomethane	2.79	94	44685	19.07	ug/l	97
6) Chloroethane	2.93	64	36126	19.57	ug/l	93
7) Trichlorofluoromethane	3.26	101	45660	19.02	ug/l	98
8) Diethyl Ether	3.68	74	23426	18.37	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	53604	21.31	ug/l	98
10) Methyl Iodide	4.26	142	86442	20.65	ug/l	99
11) Tert butyl alcohol	5.24	59	12055	76.34	ug/l #	85
12) 1,1-Dichloroethene	4.03	96	48464	20.48	ug/l	92
13) Acrolein	3.90	56	14716	96.31	ug/l	98
14) Allyl chloride	4.67	41	65336	19.31	ug/l	99
15) Acrylonitrile	5.38	53	41600	90.93	ug/l	100
16) Acetone	4.15	43	49758	104.33	ug/l	97
17) Carbon Disulfide	4.37	76	130124	18.22	ug/l	99
18) Methyl Acetate	4.68	43	20434	17.29	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	70301	19.51	ug/l	95
20) Methylene Chloride	4.91	84	57256	22.14	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	54789	20.74	ug/l	98
22) Diisopropyl ether	6.32	45	134075	20.05	ug/l	99
23) Vinyl Acetate	6.26	43	363585	92.14	ug/l	99
24) 1,1-Dichloroethane	6.22	63	89097	20.65	ug/l	99
25) 2-Butanone	7.18	43	61585	97.09	ug/l	99
26) 2,2-Dichloropropane	7.17	77	62224	20.45	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	60094	20.62	ug/l	99
28) Bromochloromethane	7.51	49	28279	16.98	ug/l	96
29) Tetrahydrofuran	7.54	42	33826	86.76	ug/l	100
30) Chloroform	7.68	83	97591	20.76	ug/l	98
31) Cyclohexane	7.96	56	86985	20.25	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	86833	20.48	ug/l	99
36) 1,1-Dichloropropene	8.09	75	79334	21.57	ug/l	99
37) Ethyl Acetate	7.26	43	23837	17.44	ug/l	98
38) Carbon Tetrachloride	8.07	117	82097	20.36	ug/l	97

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	103994	21.27	ug/l	97
40) Benzene	8.32	78	211701	20.98	ug/l	99
41) Methacrylonitrile	7.49	41	13882	16.85	ug/l #	86
42) 1,2-Dichloroethane	8.40	62	61484	20.74	ug/l	99
43) Isopropyl Acetate	8.43	43	49720	17.79	ug/l	99
44) Trichloroethene	9.09	130	66388	21.44	ug/l	98
45) 1,2-Dichloropropane	9.37	63	49520	20.51	ug/l	98
46) Dibromomethane	9.46	93	27425	19.93	ug/l	99
47) Bromodichloromethane	9.65	83	65567	19.65	ug/l	99
48) Methyl methacrylate	9.44	41	23702	17.89	ug/l	95
49) 1,4-Dioxane	9.49	88	7325	345.74	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	125482	89.62	ug/l	100
52) Toluene	10.39	92	142849	21.12	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	61520	18.51	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	74151	19.44	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	39373	20.44	ug/l	99
56) Ethyl methacrylate	10.65	69	43674	18.50	ug/l	97
57) 1,3-Dichloropropane	10.94	76	64168	20.13	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	85200	94.44	ug/l	99
59) 2-Hexanone	10.98	43	97106	97.16	ug/l	99
60) Dibromochloromethane	11.13	129	45230	18.85	ug/l	100
61) 1,2-Dibromoethane	11.24	107	38012	19.75	ug/l	99
64) Tetrachloroethene	10.87	164	60185	21.62	ug/l	98
65) Chlorobenzene	11.66	112	165001	21.49	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	56367	20.66	ug/l	100
67) Ethyl Benzene	11.74	91	290496	21.84	ug/l	99
68) m/p-Xylenes	11.84	106	228783	43.51	ug/l	100
69) o-Xylene	12.17	106	109056	21.76	ug/l	97
70) Styrene	12.18	104	172572	21.18	ug/l	99
71) Bromoform	12.35	173	25776	16.94	ug/l #	98
73) Isopropylbenzene	12.47	105	309221	21.98	ug/l	100
74) N-amyl acetate	12.28	43	49194	18.00	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	42007	19.63	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	27384m	18.00	ug/l	
77) Bromobenzene	12.75	156	73942	21.46	ug/l	97
78) n-propylbenzene	12.81	91	359950	21.99	ug/l	100
79) 2-Chlorotoluene	12.90	91	200122	21.76	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	258624	21.81	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	10136	15.93	ug/l	90
82) 4-Chlorotoluene	12.99	91	210805	21.88	ug/l	100
83) tert-Butylbenzene	13.21	119	233766	22.03	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	263429	21.95	ug/l	100
85) sec-Butylbenzene	13.39	105	331744	22.13	ug/l	100
86) p-Isopropyltoluene	13.51	119	300421	22.16	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	149034	21.73	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	147654	21.63	ug/l	99
89) n-Butylbenzene	13.83	91	278846	22.49	ug/l	99
90) Hexachloroethane	14.10	117	44698	19.46	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	131561	21.51	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6579	17.17	ug/l	98

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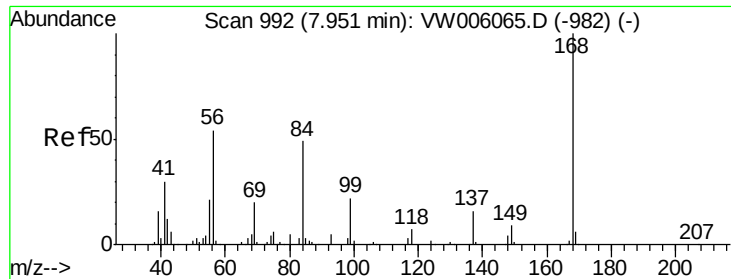
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Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	101940	21.66	ug/l	99
94) Hexachlorobutadiene	15.24	225	65750	22.24	ug/l	99
95) Naphthalene	15.38	128	154034	19.67	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	86120	21.15	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006172.D

Acq: 18 Oct 2018 13:44

Instrument :

MSVOA_W

ClientSampleId :

VW1018SBS01

Tgt Ion: 168 Resp: 283216

Ion Ratio Lower Upper

168 100

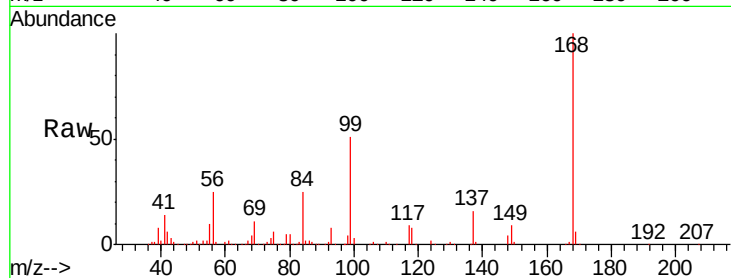
99 51.1 39.9 59.9

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

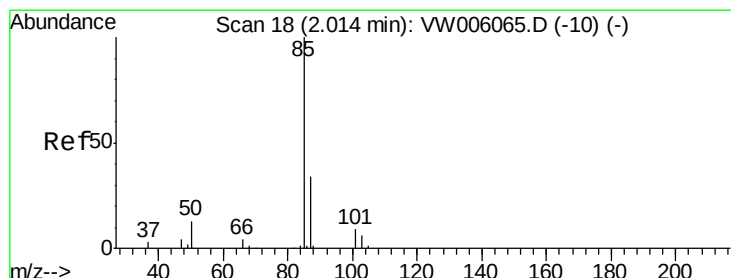
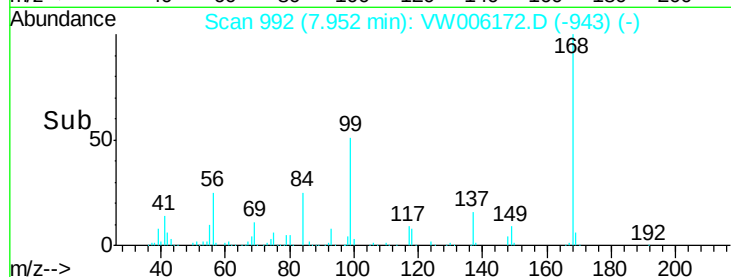
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50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 17.02 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW006172.D

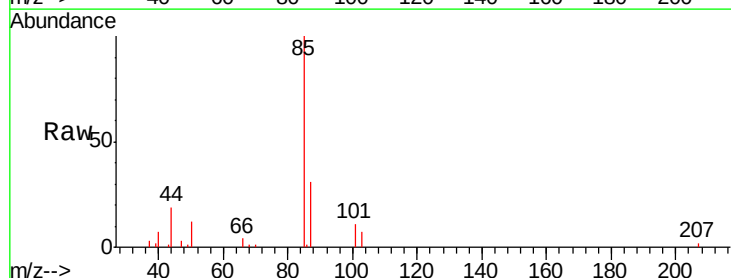
Acq: 18 Oct 2018 13:44

Tgt Ion: 85 Resp: 23856

Ion Ratio Lower Upper

85 100

87 30.8 16.9 50.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

6000

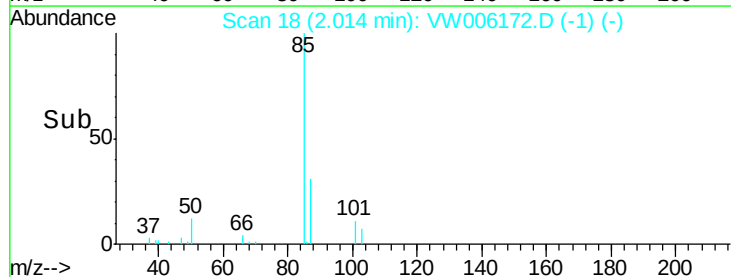
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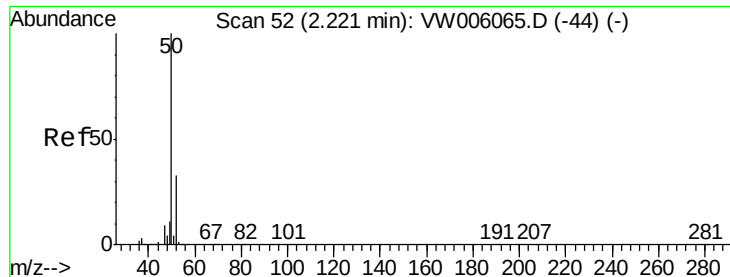
2000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 16.80 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW006172.D

Acq: 18 Oct 2018 13:44

Instrument :

MSVOA_W

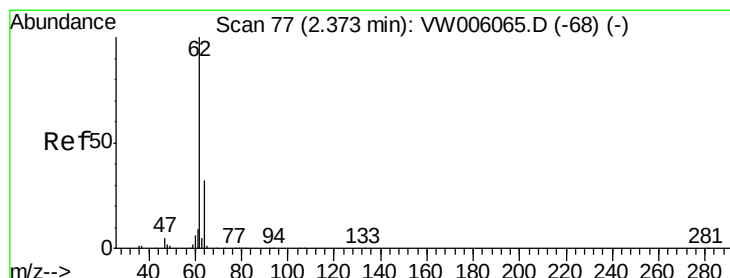
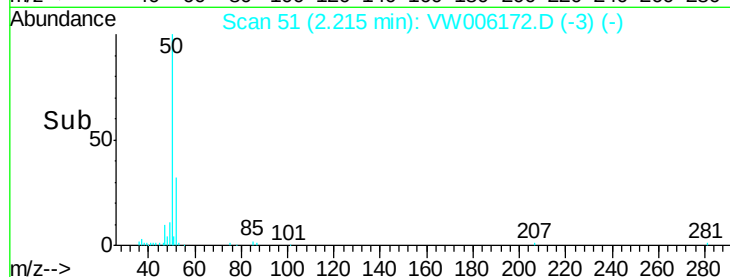
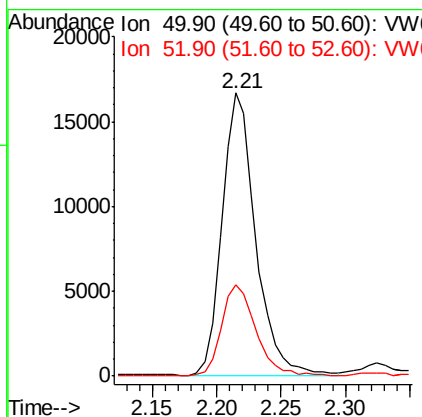
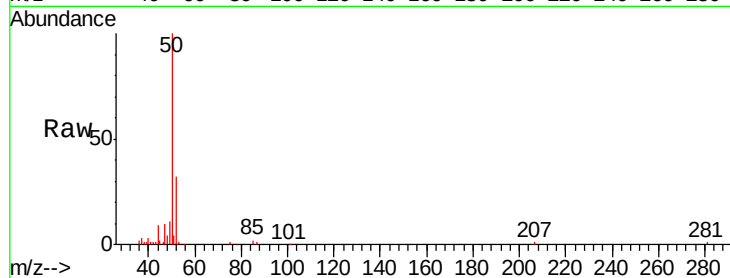
ClientSampleId :

VW1018SBS01

Tgt Ion	Ratio	Lower	Upper
50	100		
52	32.2	26.8	40.2

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#4

Vinyl Chloride

Concen: 19.20 ug/l

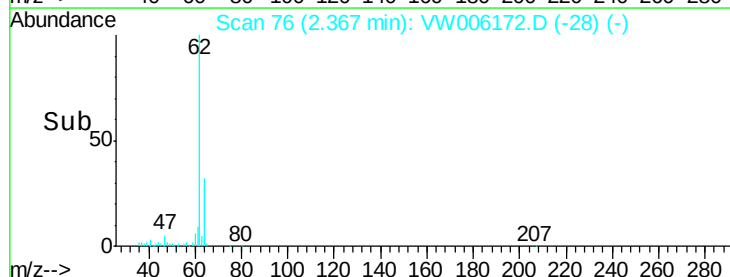
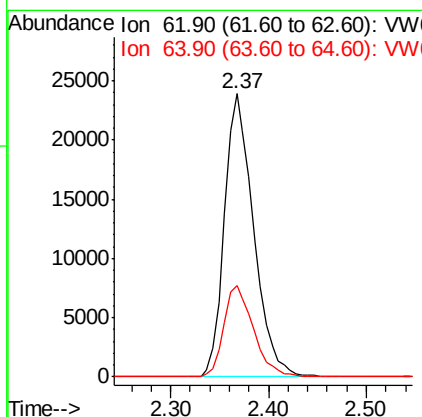
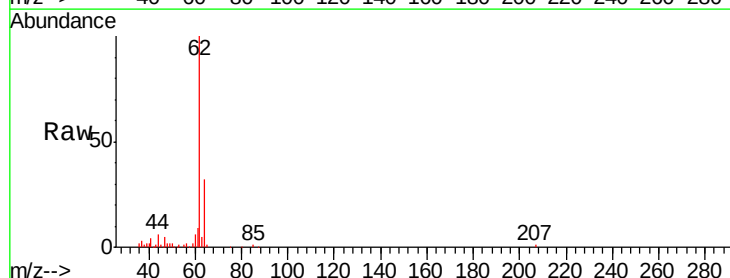
RT: 2.37 min Scan# 76

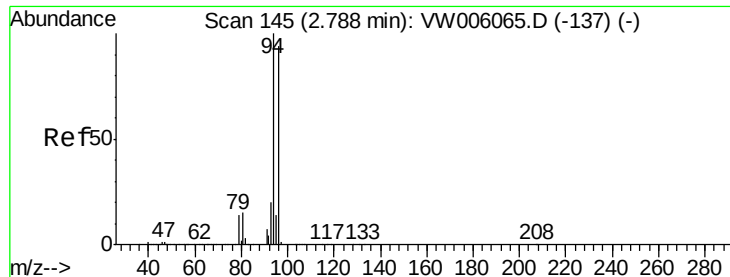
Delta R.T. -0.01 min

Lab File: VW006172.D

Acq: 18 Oct 2018 13:44

Tgt Ion	Ratio	Lower	Upper
62	100		
64	32.1	25.9	38.9





#5

Bromomethane

Concen: 19.07 ug/l

RT: 2.79 min Scan# 145

Delta R.T. 0.00 min

Lab File: VW006172.D

Acq: 18 Oct 2018 13:44

Instrument :

MSVOA_W

ClientSampleId :

VW1018SBS01

Tgt Ion: 94 Resp: 44685

Ion Ratio Lower Upper

94 100

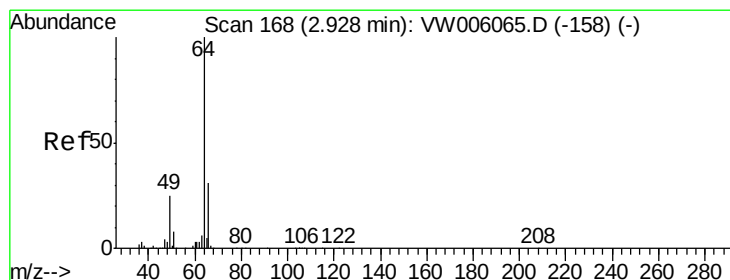
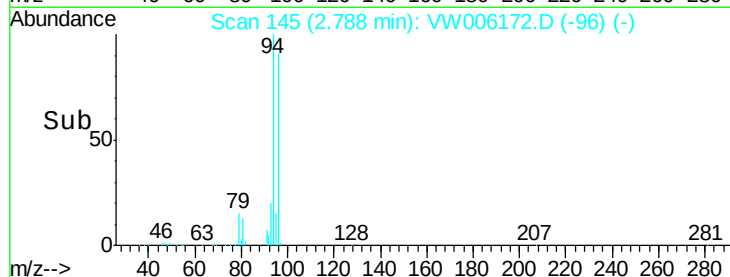
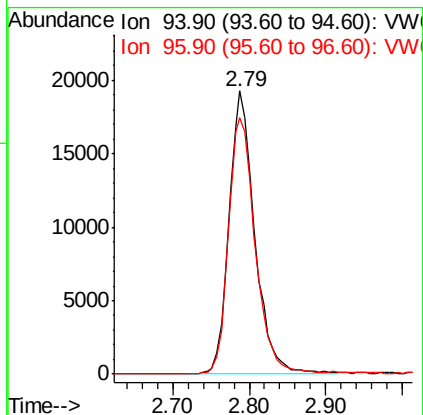
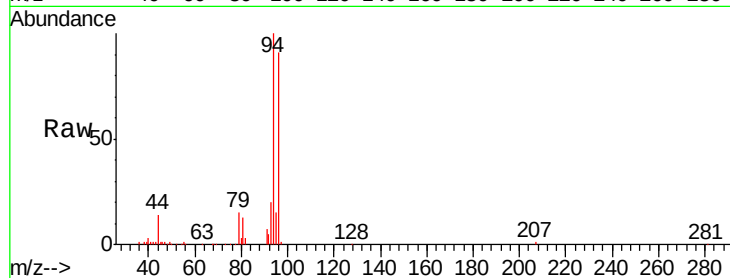
96 90.6 74.9 112.3

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#6

Chloroethane

Concen: 19.57 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW006172.D

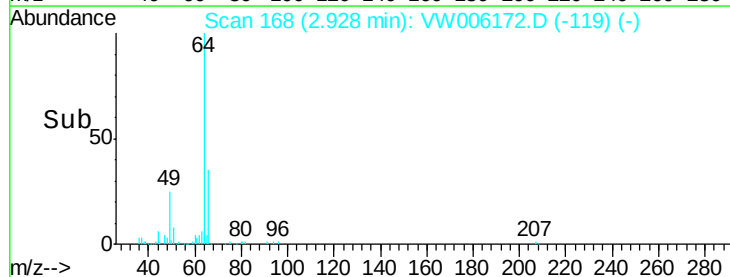
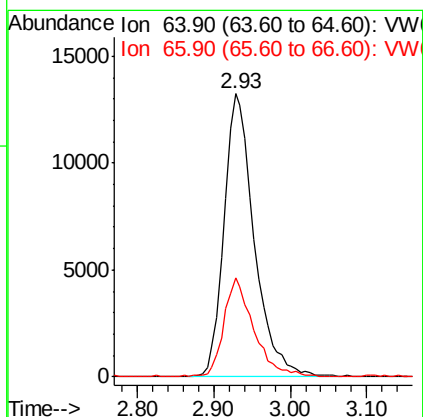
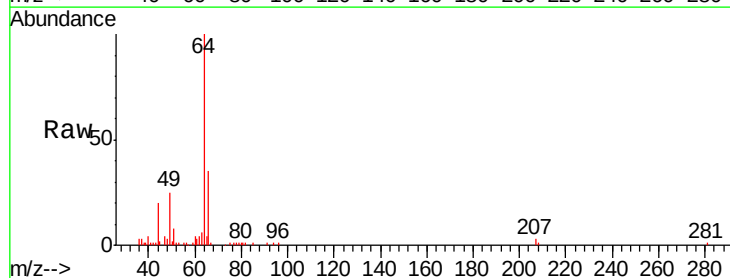
Acq: 18 Oct 2018 13:44

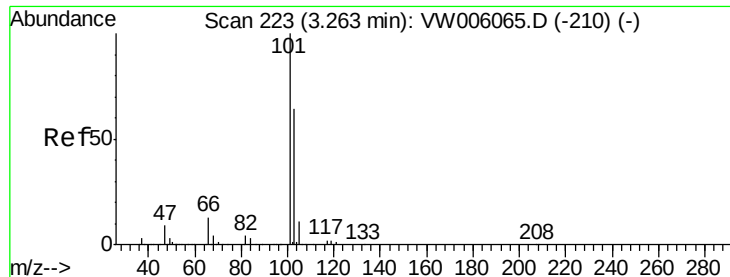
Tgt Ion: 64 Resp: 36126

Ion Ratio Lower Upper

64 100

66 35.1 24.9 37.3





#7

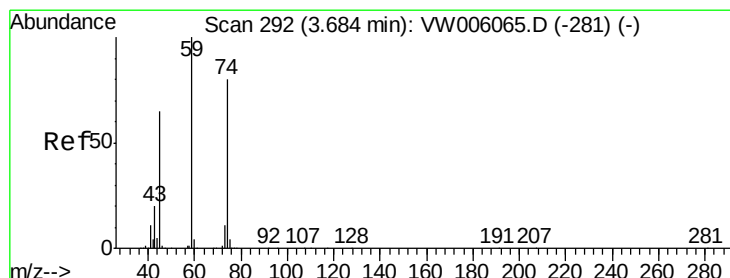
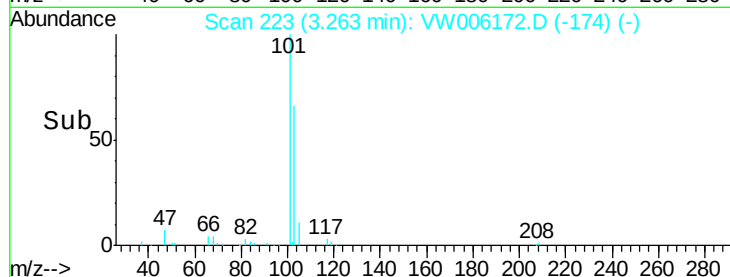
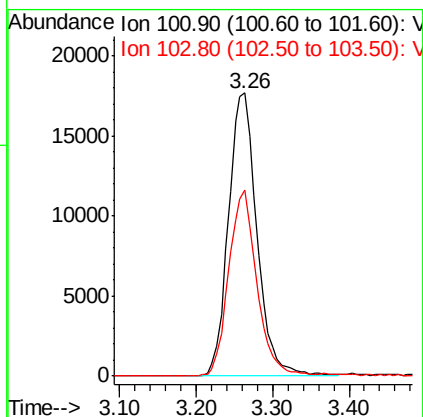
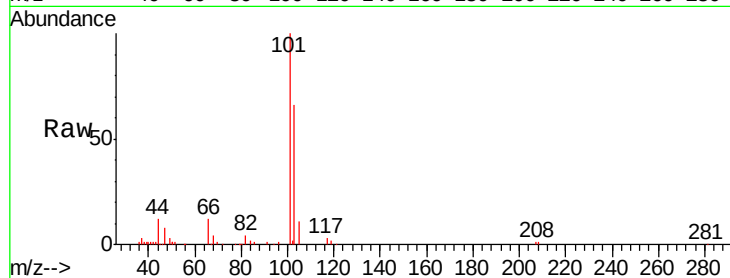
Trichlorofluoromethane
Concen: 19.02 ug/l
RT: 3.26 min Scan# 223
Delta R.T. 0.00 min
Lab File: VW006172.D
Acq: 18 Oct 2018 13:44

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ClientSampleId :
VW1018SBS01

Tgt Ion	Ratio	Lower	Upper
101	100		
103	65.7	51.2	76.8

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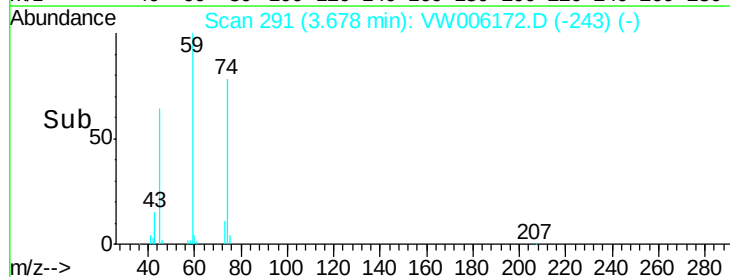
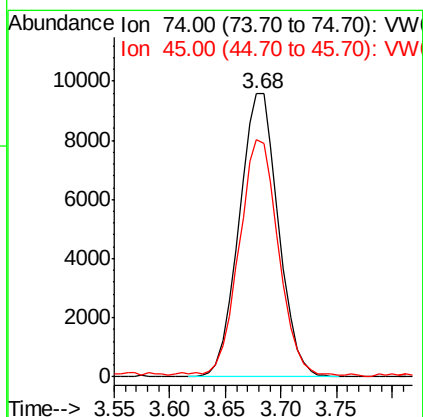
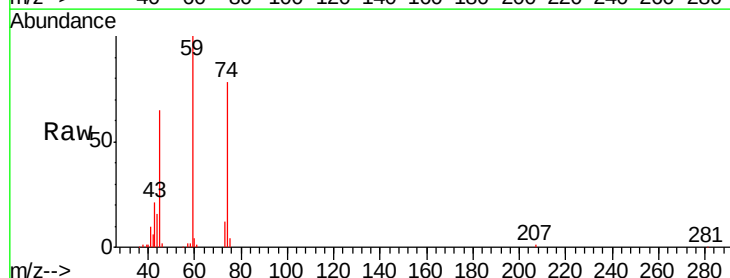
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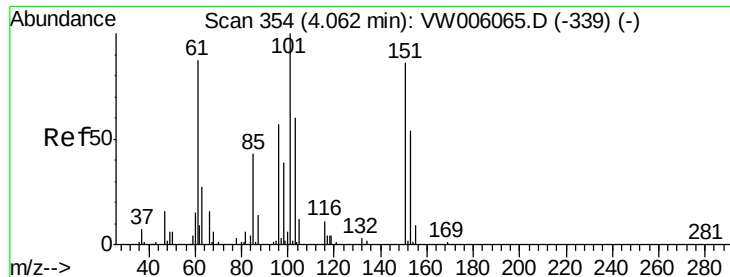


#8

Diethyl Ether
Concen: 18.37 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.01 min
Lab File: VW006172.D
Acq: 18 Oct 2018 13:44

Tgt Ion	Ratio	Lower	Upper
74	100		
45	85.4	42.8	128.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.31 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW006172.D

Acq: 18 Oct 2018 13:44

Instrument :

MSVOA_W

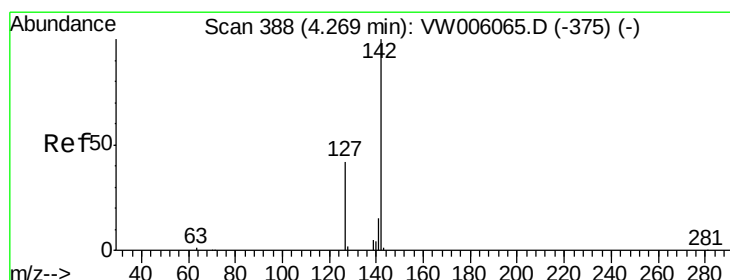
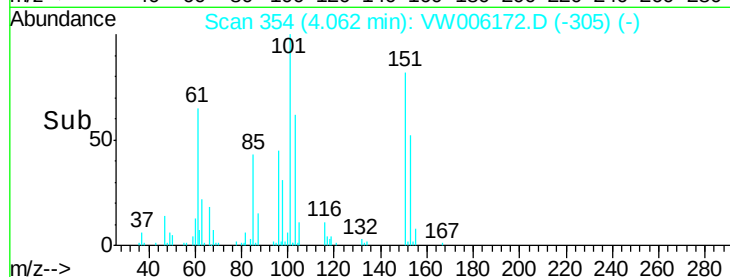
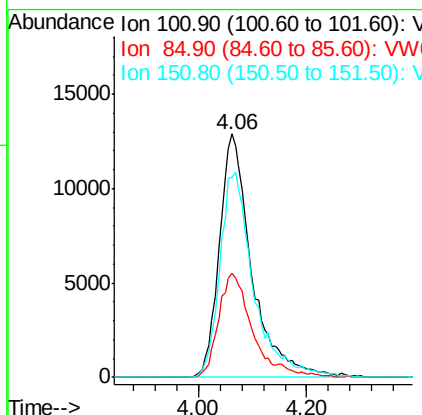
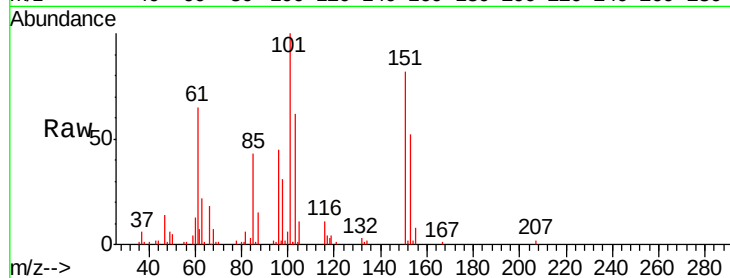
ClientSampleId :

VW1018SBS01

Tgt Ion:	101	Resp:	53604
Ion Ratio	Lower	Upper	
101	100		
85	41.4	34.9	52.3
151	87.3	70.4	105.6

Manual Integrations
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#10

Methyl Iodide

Concen: 20.65 ug/l

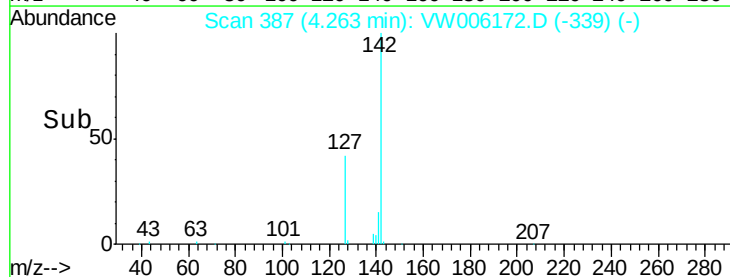
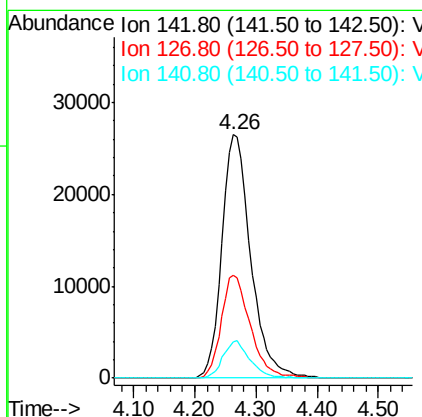
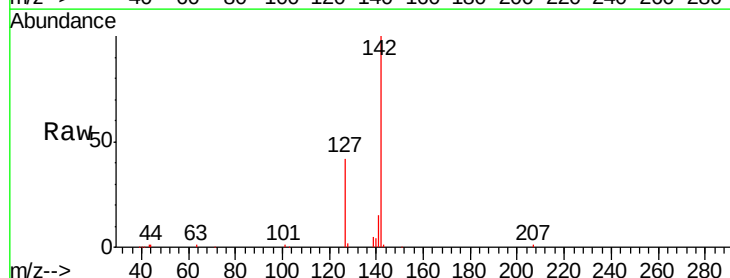
RT: 4.26 min Scan# 387

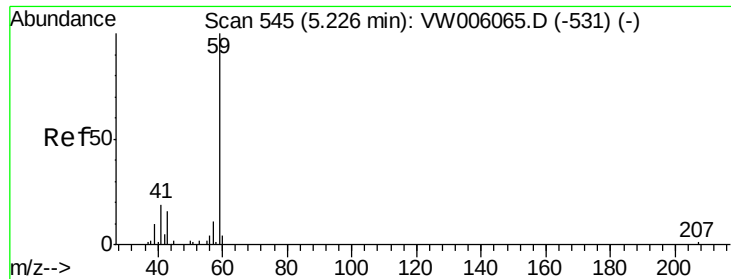
Delta R.T. -0.01 min

Lab File: VW006172.D

Acq: 18 Oct 2018 13:44

Tgt Ion:	142	Resp:	86442
Ion Ratio	Lower	Upper	
142	100		
127	42.5	33.6	50.4
141	14.5	11.6	17.4





#11

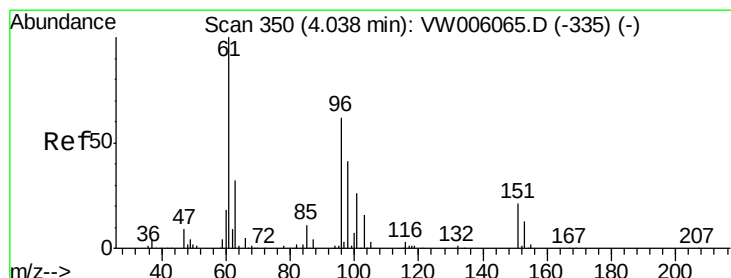
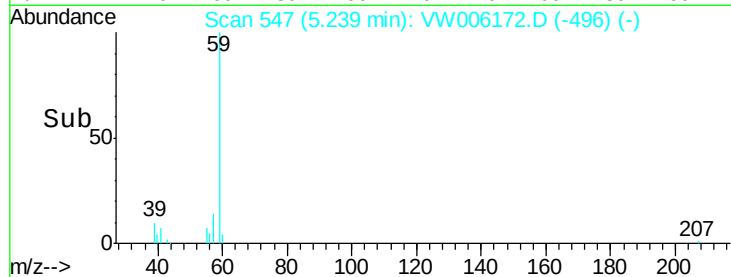
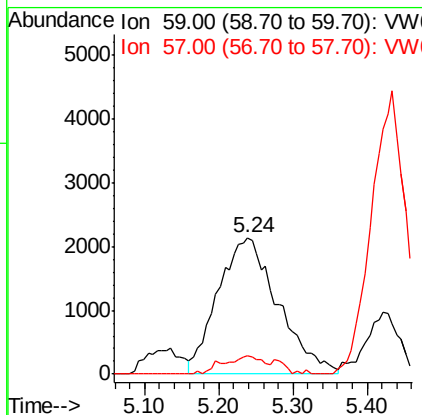
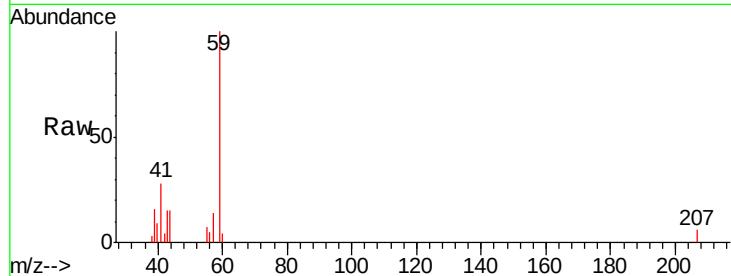
Tert butyl alcohol
Concen: 76.34 ug/l
RT: 5.24 min Scan# 547
Delta R.T. 0.01 min
Lab File: VW006172.D
Acq: 18 Oct 2018 13:44

Instrument :
MSVOA_W
ClientSampleId :
VW1018SBS01

Tgt Ion	Ratio	Lower	Upper
59	100		
57	5.2	8.7	13.1#

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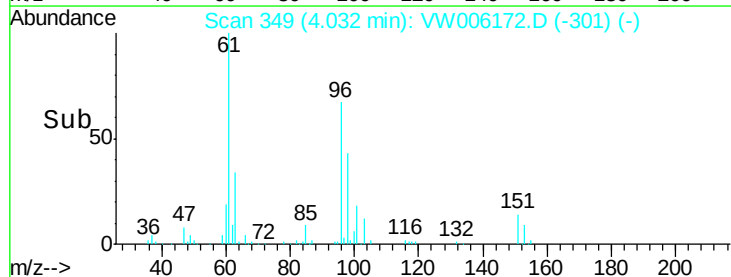
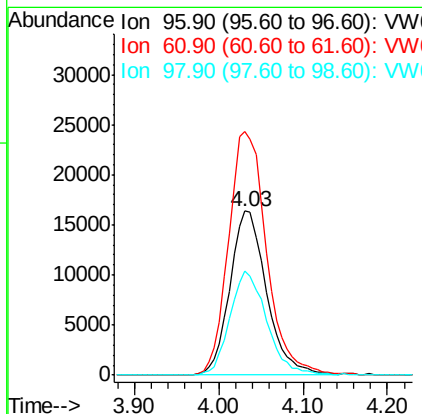
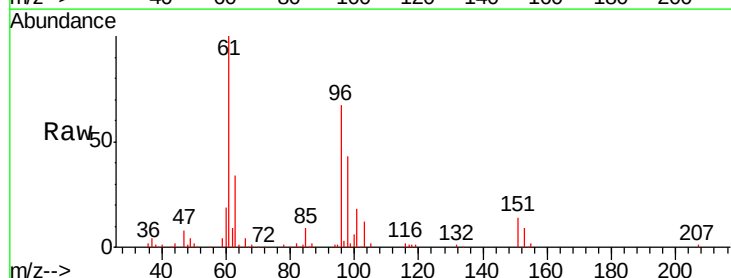
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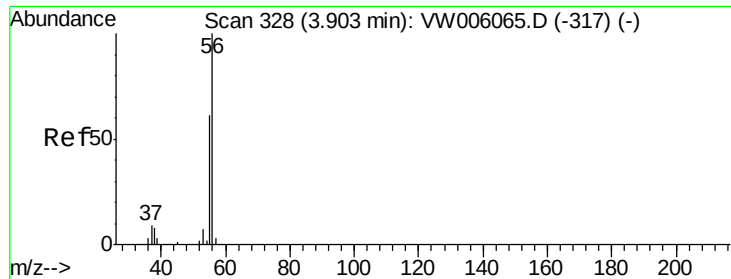


#12

1,1-Dichloroethene
Concen: 20.48 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW006172.D
Acq: 18 Oct 2018 13:44

Tgt Ion	Ratio	Lower	Upper
96	100		
61	148.5	129.3	193.9
98	63.7	53.1	79.7





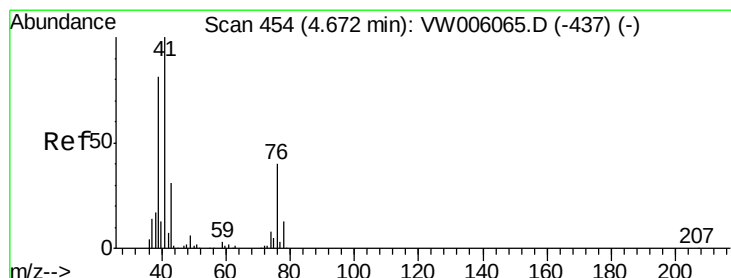
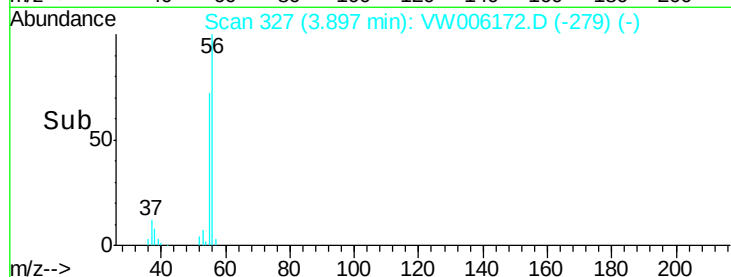
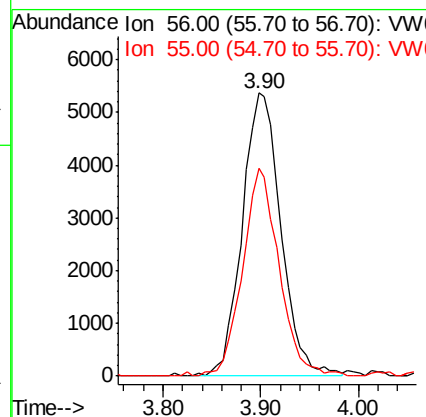
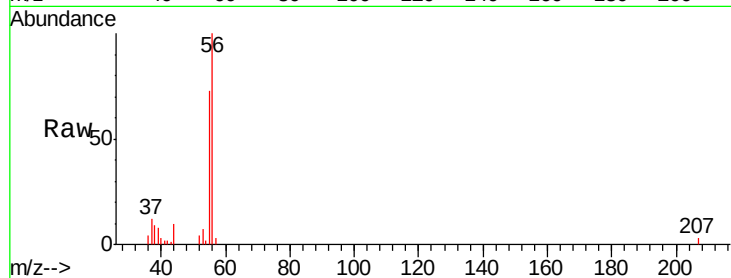
#13
Acrolein
Concen: 96.31 ug/l
RT: 3.90 min Scan# 327
Delta R.T. -0.01 min
Lab File: VW006172.D
Acq: 18 Oct 2018 13:44

Instrument :
MSVOA_W
ClientSampleId :
VW1018SBS01

Tgt Ion	Ratio	Lower	Upper
56	100		
55	69.4	54.5	81.7

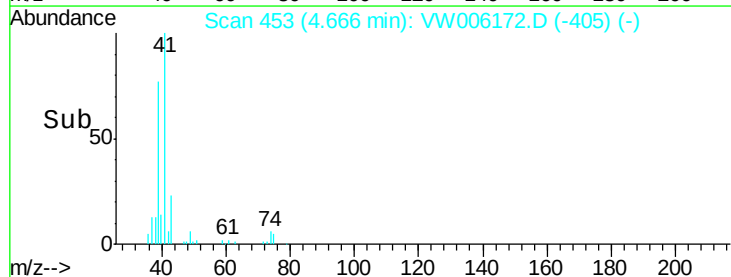
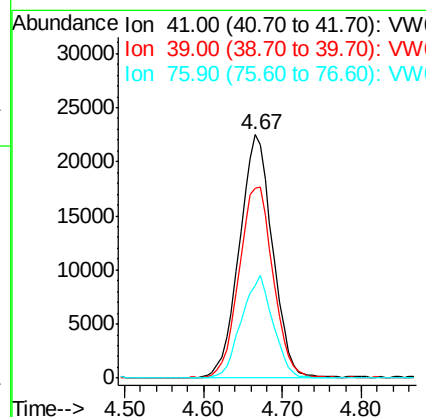
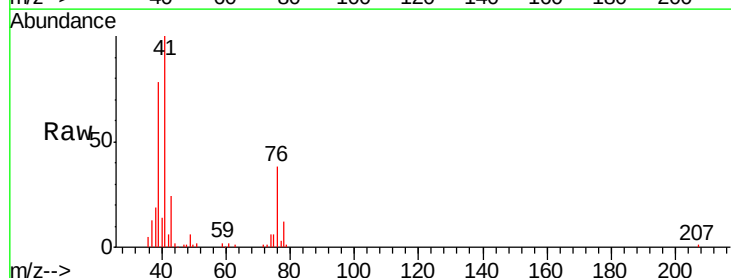
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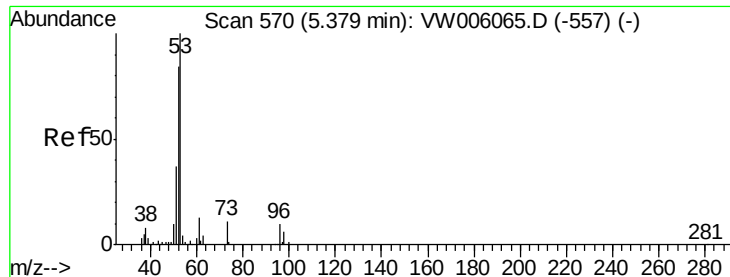
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#14
Allyl chloride
Concen: 19.31 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.01 min
Lab File: VW006172.D
Acq: 18 Oct 2018 13:44

Tgt Ion	Ratio	Lower	Upper
41	100		
39	81.9	64.1	96.1
76	40.3	32.2	48.4





#15

Acrylonitrile

Concen: 90.93 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.00 min

Lab File: VW006172.D

Acq: 18 Oct 2018 13:44

Instrument :

MSVOA_W

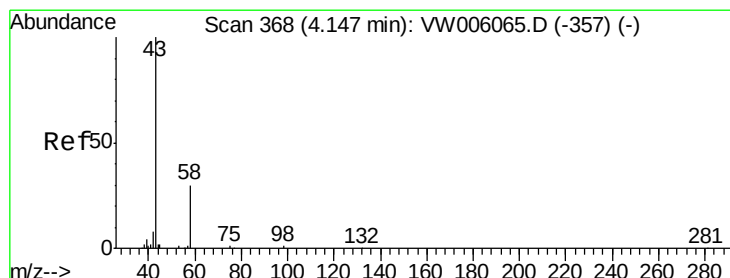
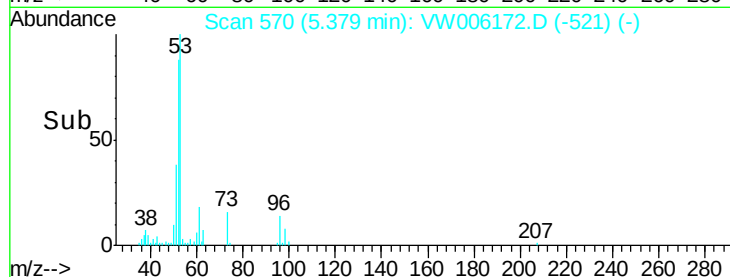
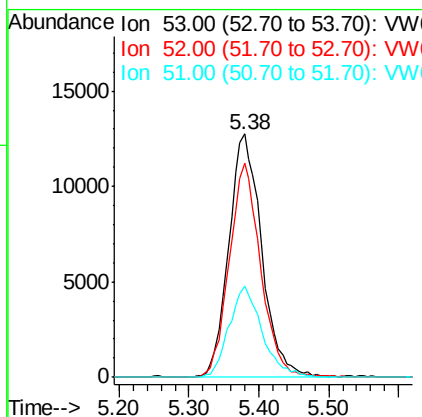
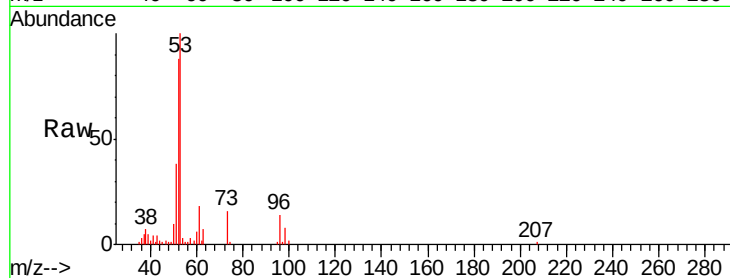
ClientSampleId :

VW1018SBS01

Tgt Ion:	53	Resp:	41600
Ion	Ratio	Lower	Upper
53	100		
52	84.2	66.9	100.3
51	37.6	30.1	45.1

Manual Integrations
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#16

Acetone

Concen: 104.33 ug/l

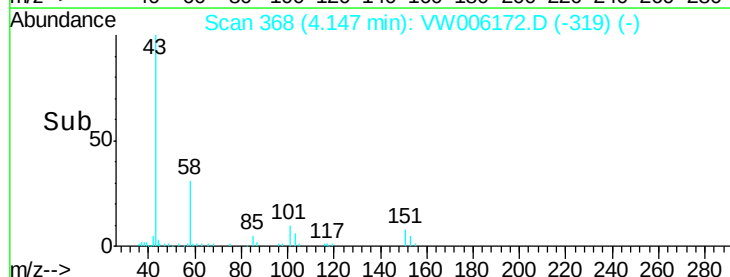
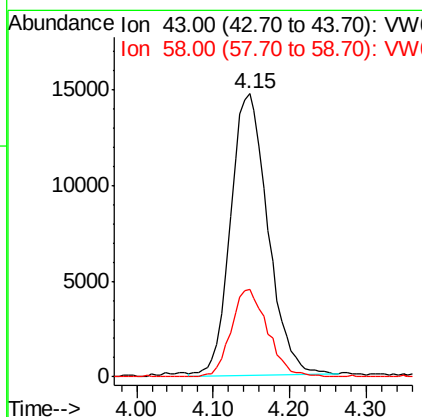
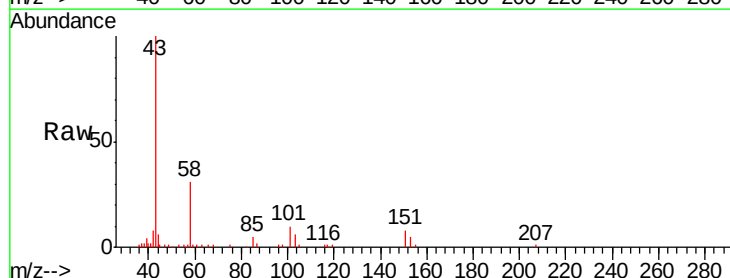
RT: 4.15 min Scan# 368

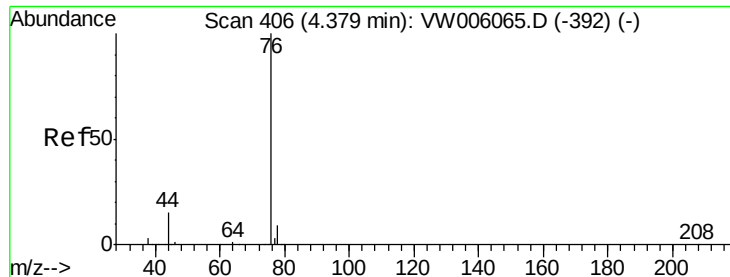
Delta R.T. 0.00 min

Lab File: VW006172.D

Acq: 18 Oct 2018 13:44

Tgt Ion:	43	Resp:	49758
Ion	Ratio	Lower	Upper
43	100		
58	31.4	24.0	36.0





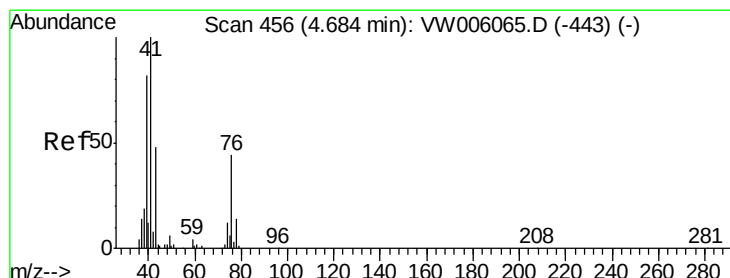
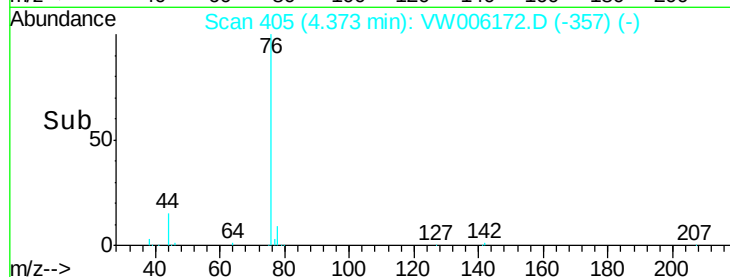
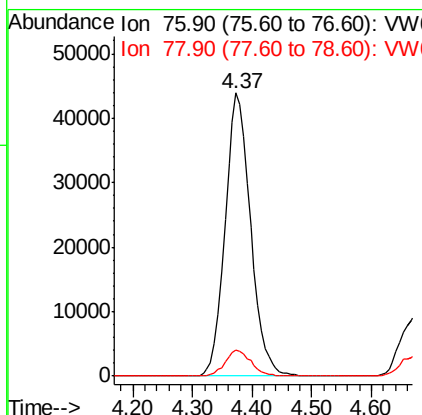
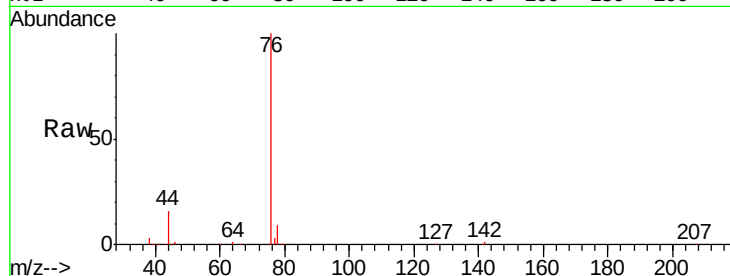
#17
Carbon Disulfide
Concen: 18.22 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW006172.D
Acq: 18 Oct 2018 13:44

Instrument :
MSVOA_W
ClientSampleId :
VW1018SBS01

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.5	11.3

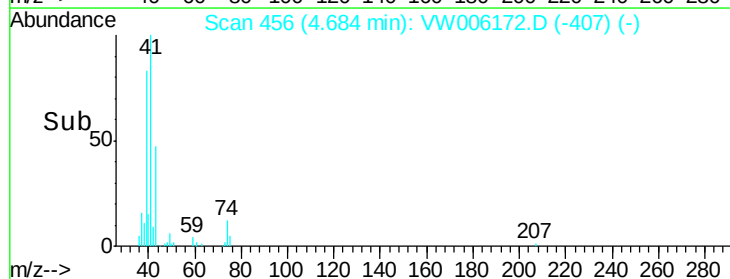
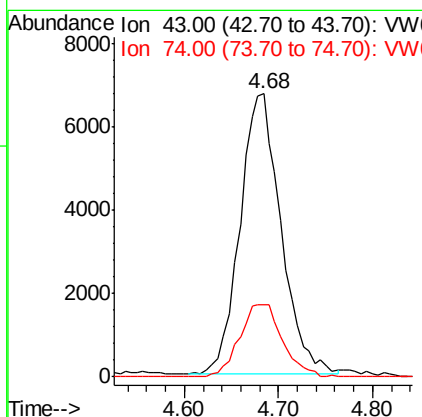
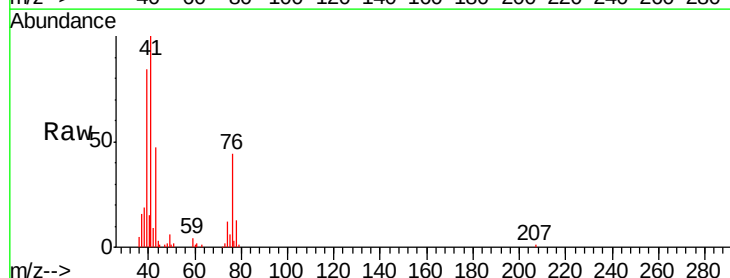
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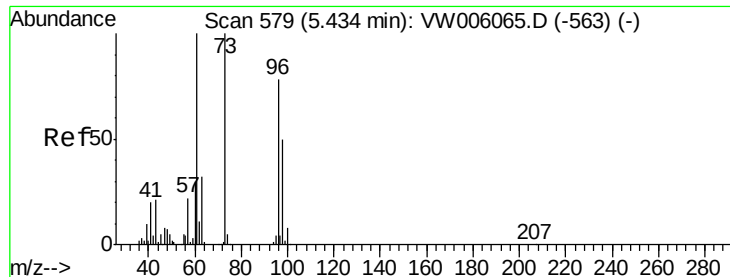
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#18
Methyl Acetate
Concen: 17.29 ug/l
RT: 4.68 min Scan# 456
Delta R.T. 0.00 min
Lab File: VW006172.D
Acq: 18 Oct 2018 13:44

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.9	20.5	30.7





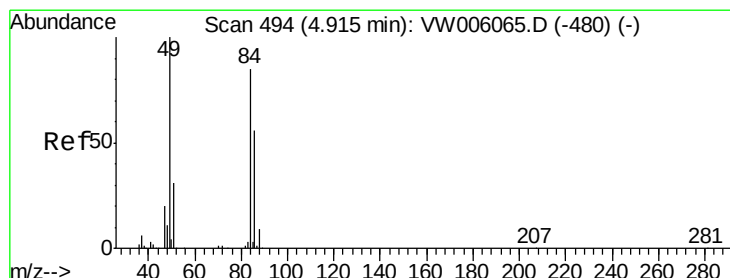
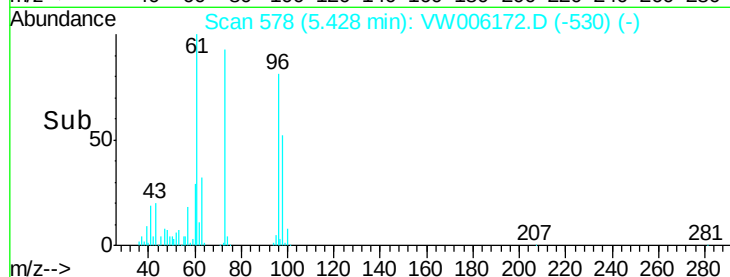
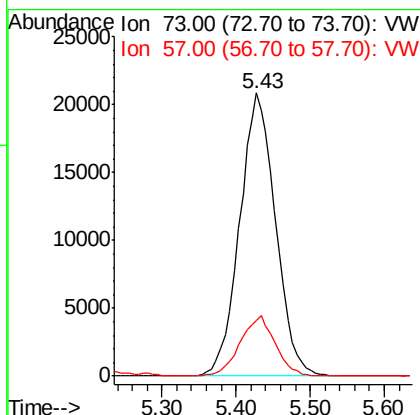
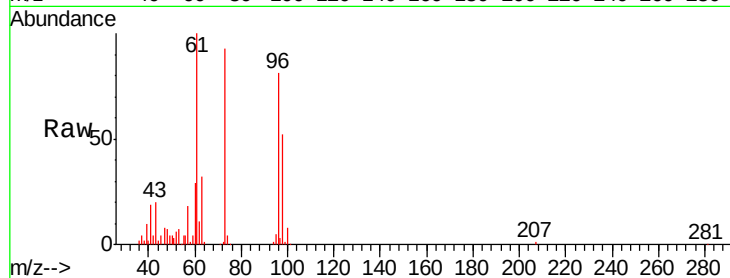
#19
Methyl tert-butyl Ether
Concen: 19.51 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW006172.D
Acq: 18 Oct 2018 13:44

Instrument :
MSVOA_W
ClientSampleId :
VW1018SBS01

Tgt Ion	Ratio	Lower	Upper
73	100		
57	19.6	17.4	26.2

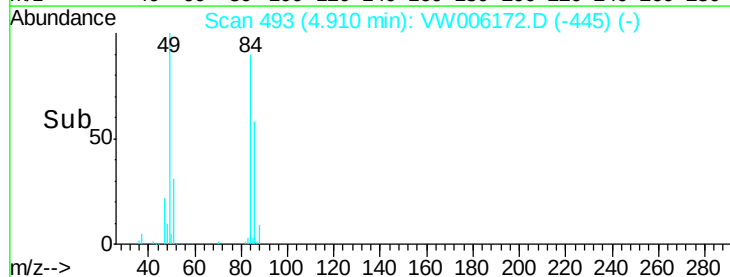
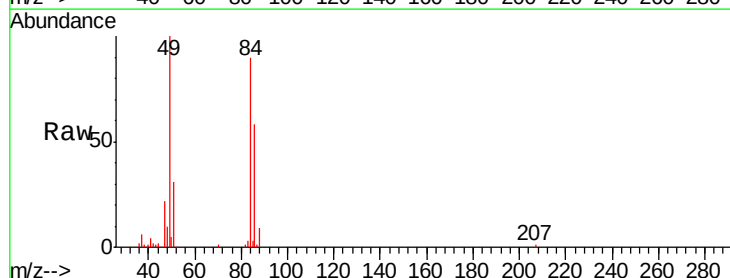
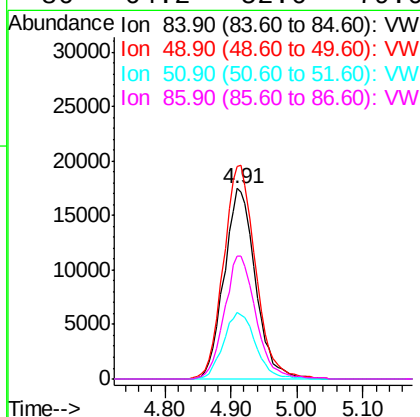
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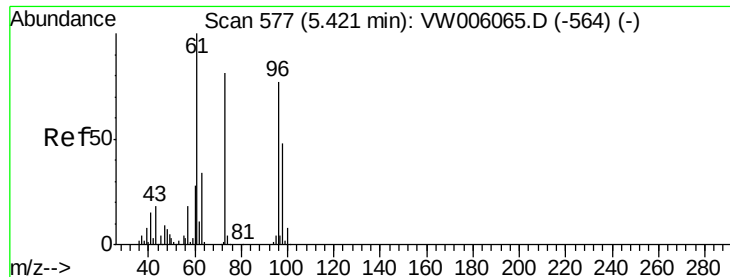
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#20
Methylene Chloride
Concen: 22.14 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006172.D
Acq: 18 Oct 2018 13:44

Tgt Ion	Ratio	Lower	Upper
84	100		
49	111.4	93.6	140.4
51	34.8	29.0	43.4
86	64.2	52.6	79.0





#21

trans-1,2-Dichloroethene

Concen: 20.74 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW006172.D

Acq: 18 Oct 2018 13:44

Instrument :

MSVOA_W

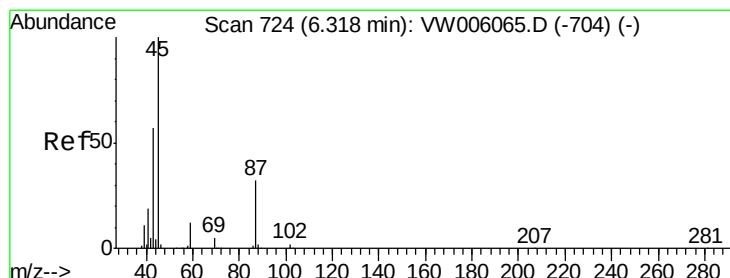
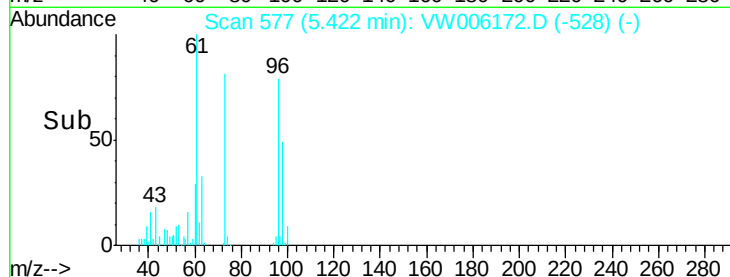
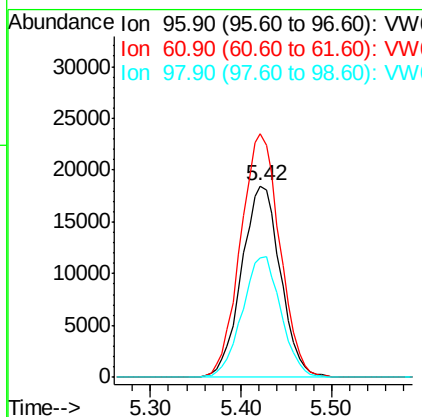
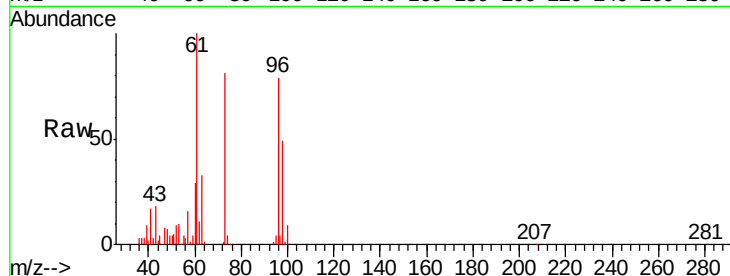
ClientSampleId :

VW1018SBS01

Tgt Ion:	96	Resp:	54789
Ion	Ratio	Lower	Upper
96	100		
61	127.4	104.5	156.7
98	62.6	50.6	75.8

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#22

Diisopropyl ether

Concen: 20.05 ug/l

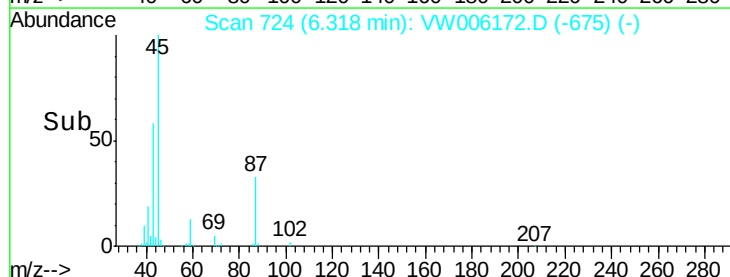
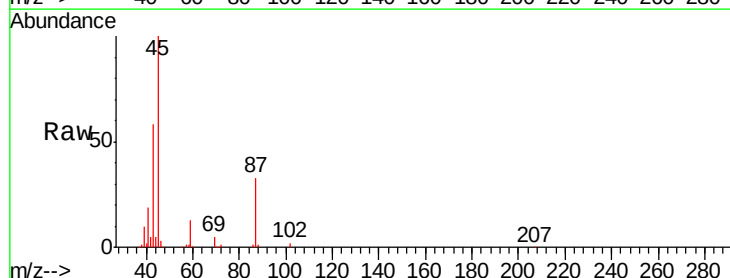
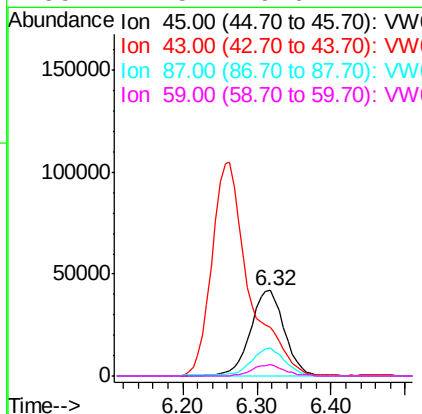
RT: 6.32 min Scan# 724

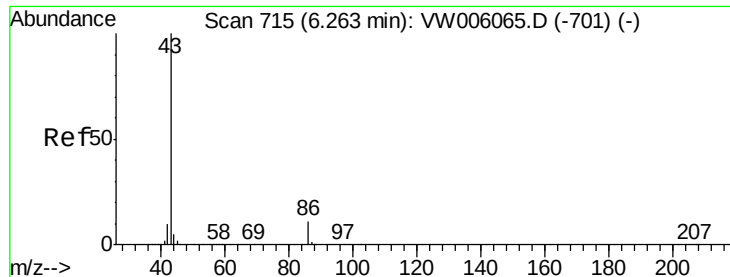
Delta R.T. 0.00 min

Lab File: VW006172.D

Acq: 18 Oct 2018 13:44

Tgt Ion:	45	Resp:	134075
Ion	Ratio	Lower	Upper
45	100		
43	56.7	45.7	68.5
87	32.6	25.9	38.9
59	12.5	9.6	14.4





#23

Vinyl Acetate

Concen: 92.14 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.00 min

Lab File: VW006172.D

Acq: 18 Oct 2018 13:44

Instrument :

MSVOA_W

ClientSampleId :

VW1018SBS01

Tgt Ion: 43 Resp: 363585

Ion Ratio Lower Upper

43 100

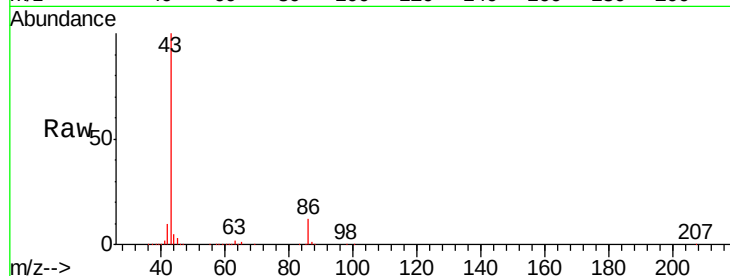
86 11.7 9.0 13.6

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

120000

100000

80000

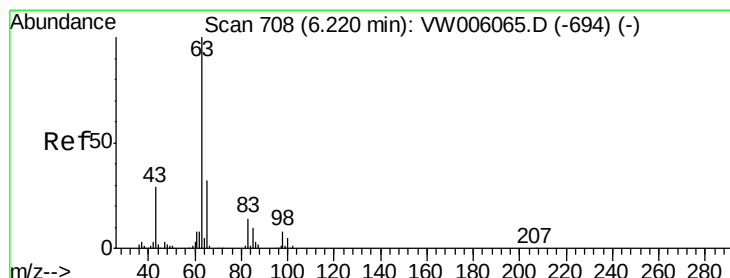
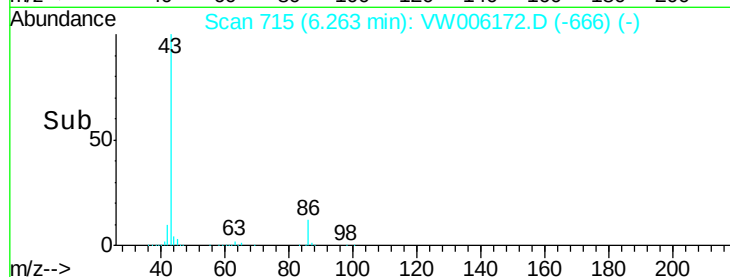
60000

40000

20000

0

Time-->



#24

1,1-Dichloroethane

Concen: 20.65 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW006172.D

Acq: 18 Oct 2018 13:44

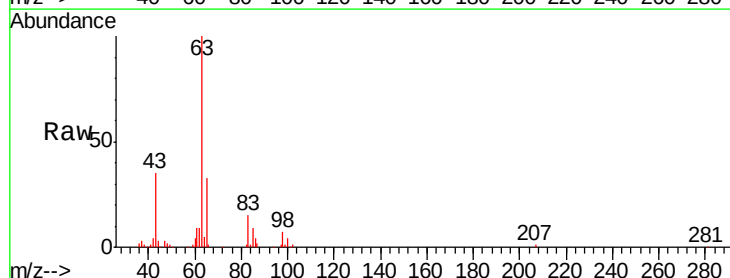
Tgt Ion: 63 Resp: 89097

Ion Ratio Lower Upper

63 100

98 7.3 3.8 11.2

100 4.3 2.5 7.5



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

6.22

40000

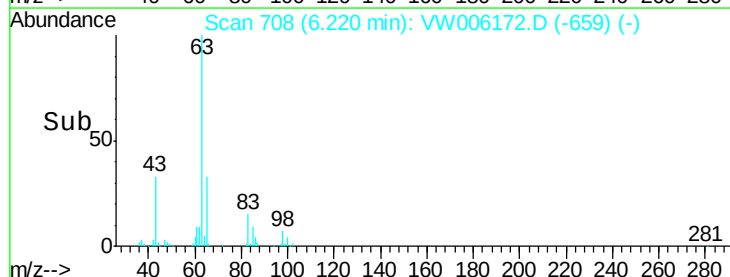
30000

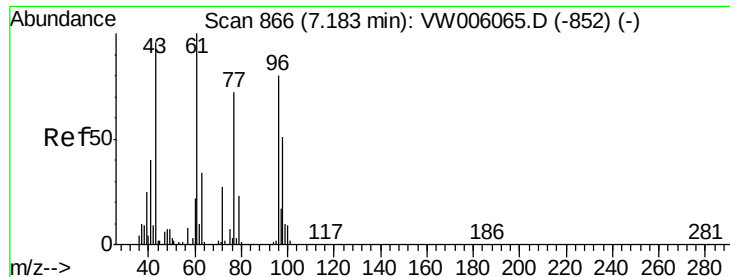
20000

10000

0

Time-->





#25

2-Butanone

Concen: 97.09 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.00 min

Lab File: VW006172.D

Acq: 18 Oct 2018 13:44

Instrument :

MSVOA_W

ClientSampleId :

VW1018SBS01

Tgt Ion: 43 Resp: 61585

Ion Ratio Lower Upper

43 100

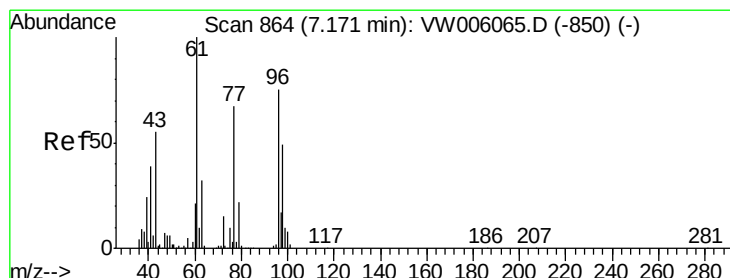
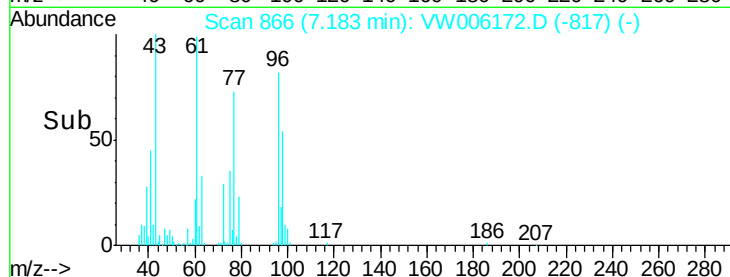
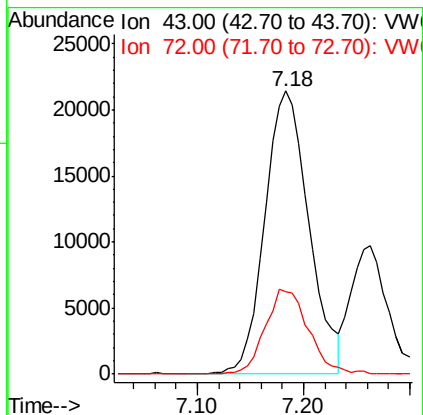
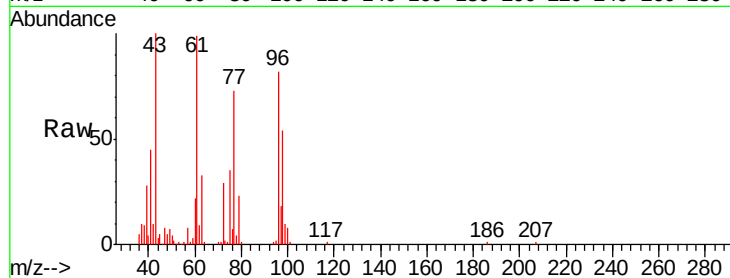
72 29.1 22.8 34.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 20.45 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW006172.D

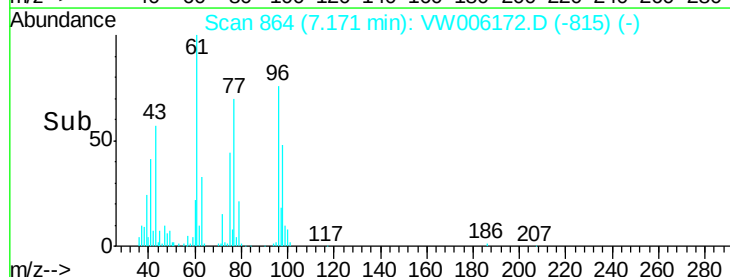
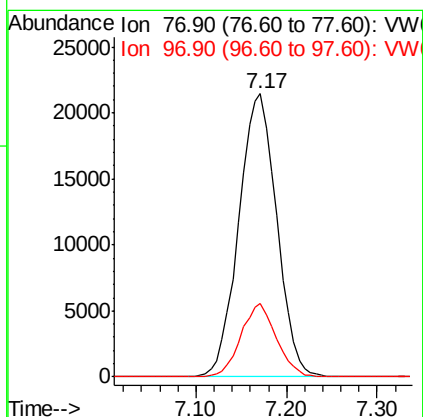
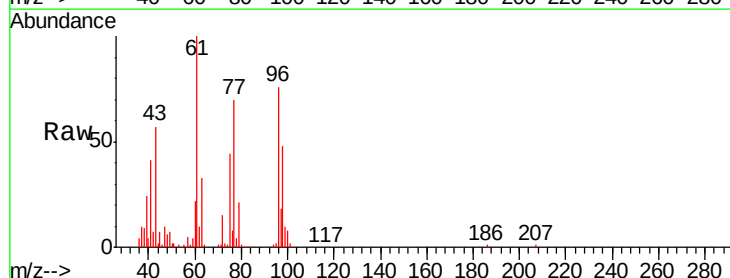
Acq: 18 Oct 2018 13:44

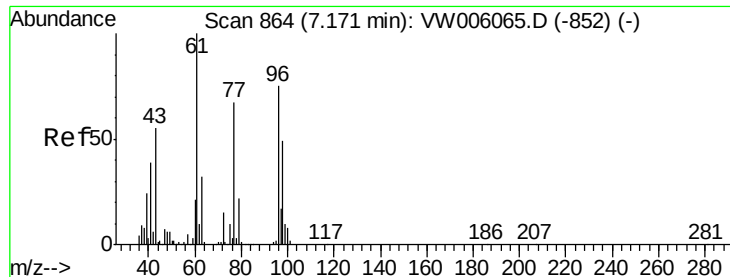
Tgt Ion: 77 Resp: 62224

Ion Ratio Lower Upper

77 100

97 24.1 12.2 36.4





#27

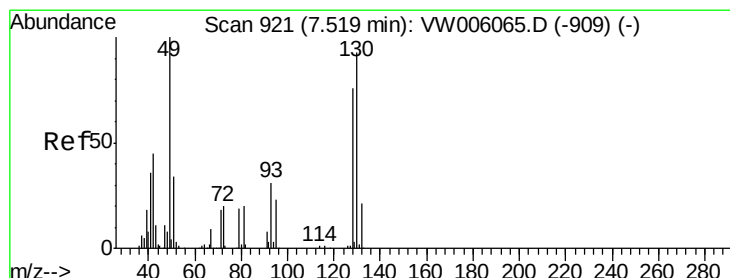
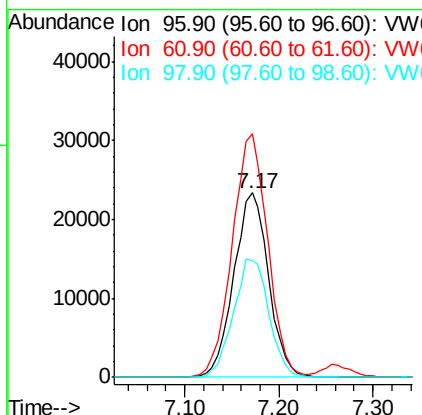
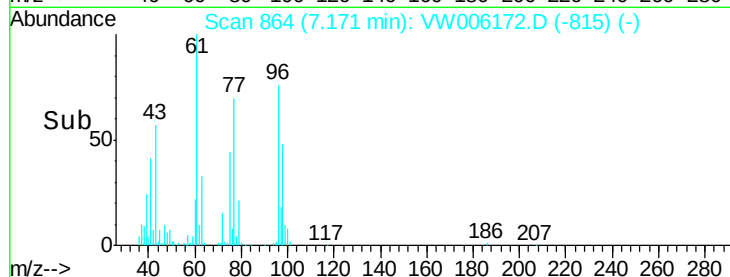
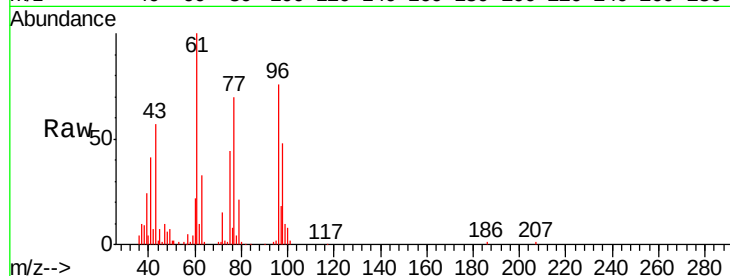
cis-1,2-Dichloroethene
Concen: 20.62 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW006172.D
Acq: 18 Oct 2018 13:44

Instrument :
MSVOA_W
ClientSampleId :
VW1018SBS01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	134.7	0.0	267.2
98	65.4	0.0	128.6

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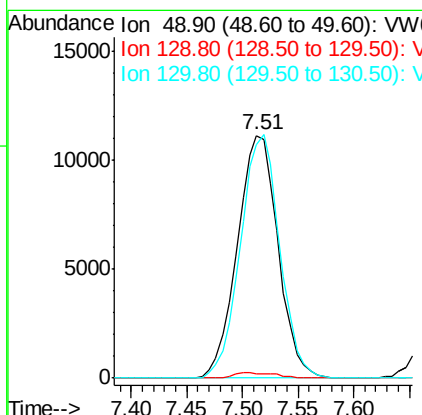
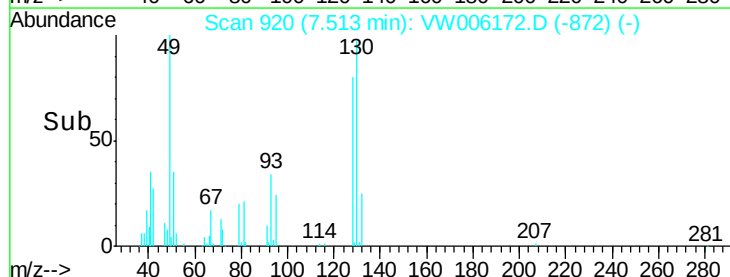
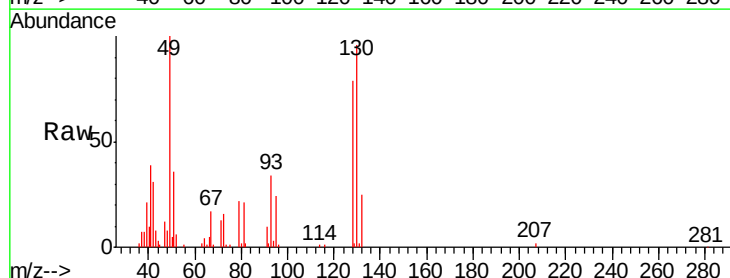
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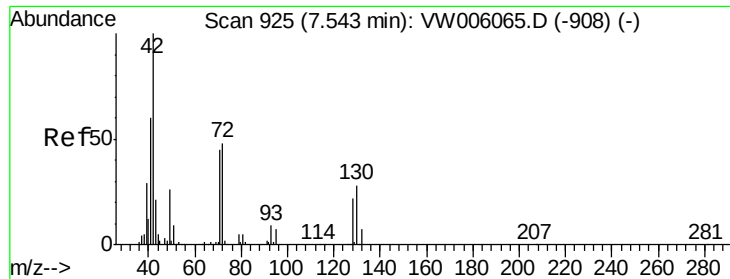


#28

Bromochloromethane
Concen: 16.98 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.01 min
Lab File: VW006172.D
Acq: 18 Oct 2018 13:44

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	5.0
130	96.6	73.8	110.8





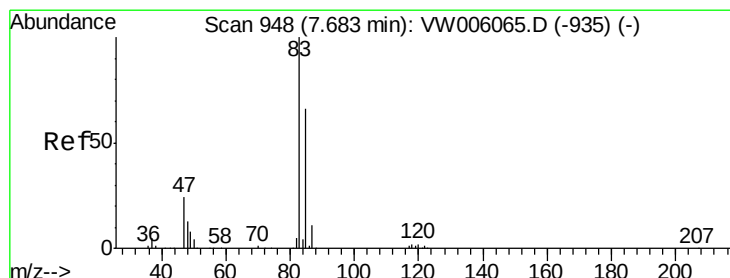
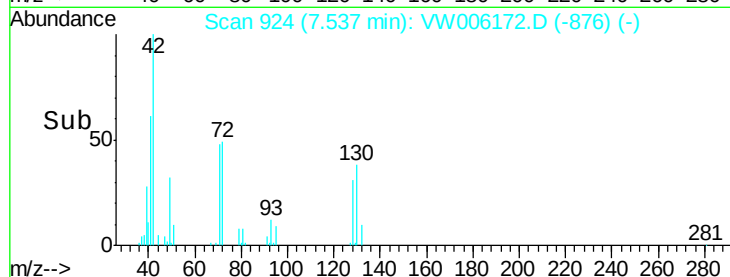
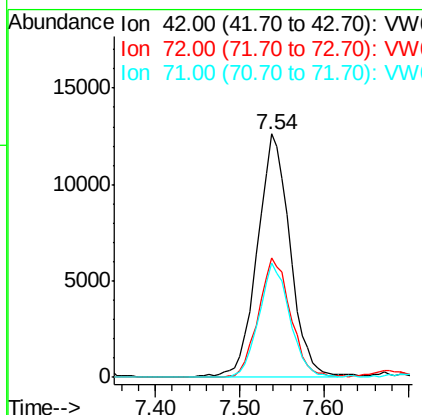
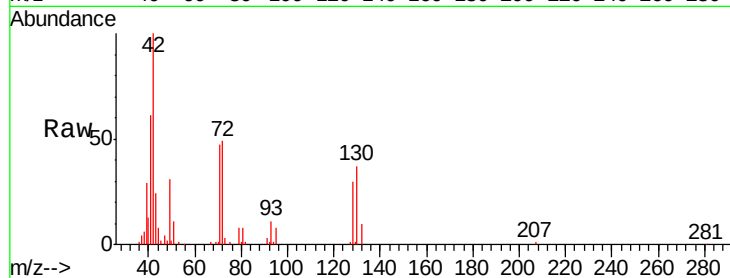
#29
Tetrahydrofuran
Concen: 86.76 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.01 min
Lab File: VW006172.D
Acq: 18 Oct 2018 13:44

Instrument :
MSVOA_W
ClientSampleId :
VW1018SBS01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	47.8	38.0	57.0
71	44.2	35.3	52.9

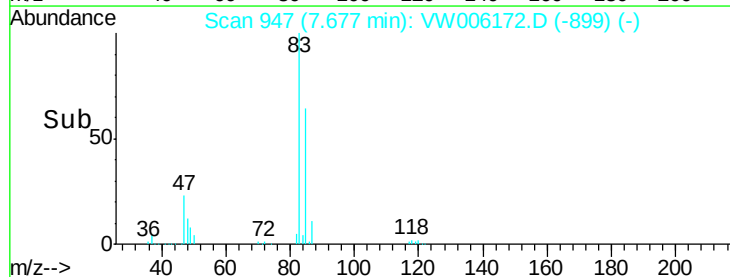
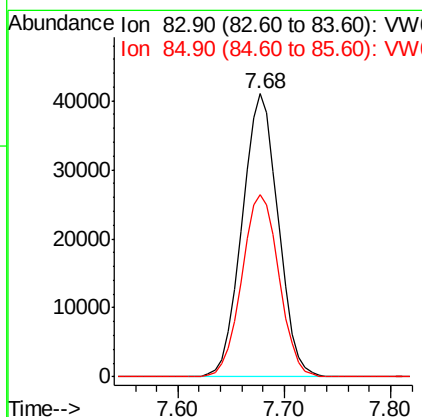
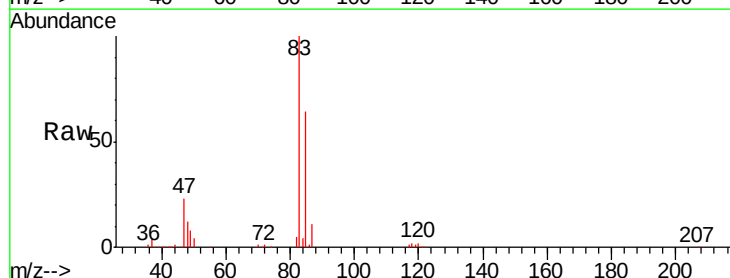
Manual Integrations
APPROVED

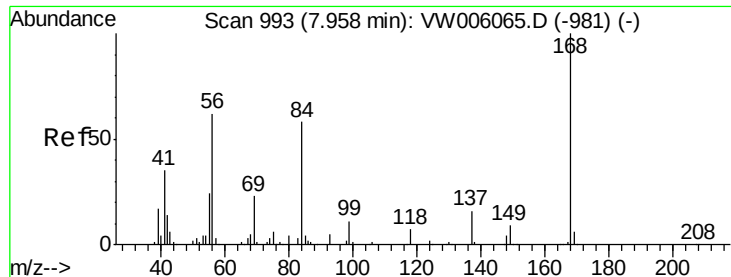
apatel
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#30
Chloroform
Concen: 20.76 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.01 min
Lab File: VW006172.D
Acq: 18 Oct 2018 13:44

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.3	52.6	79.0





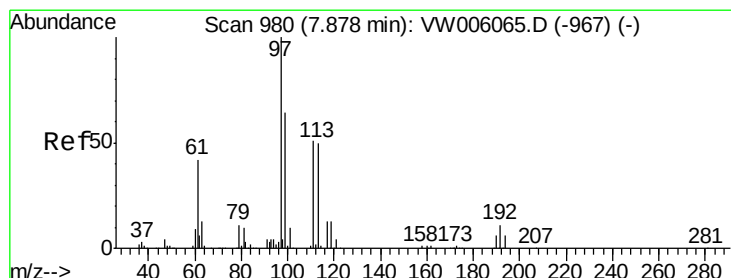
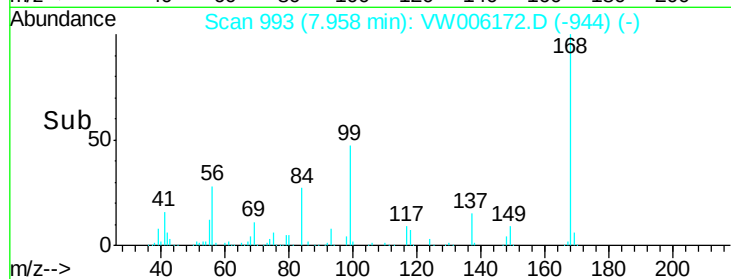
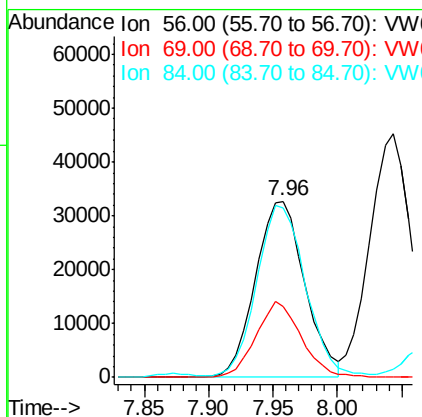
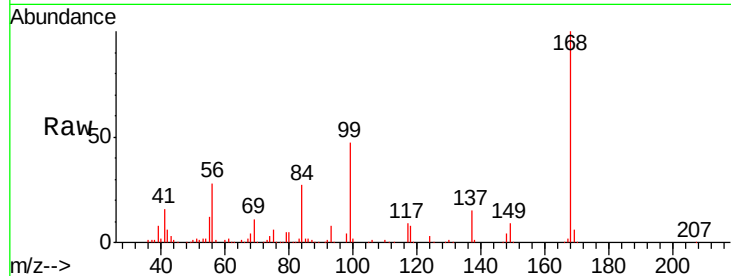
#31
Cyclohexane
Concen: 20.25 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW006172.D
Acq: 18 Oct 2018 13:44

Instrument :
MSVOA_W
ClientSampleId :
VW1018SBS01

Tgt Ion	Ratio	Lower	Upper
56	100		
69	40.4	29.4	44.0
84	94.9	74.0	111.0

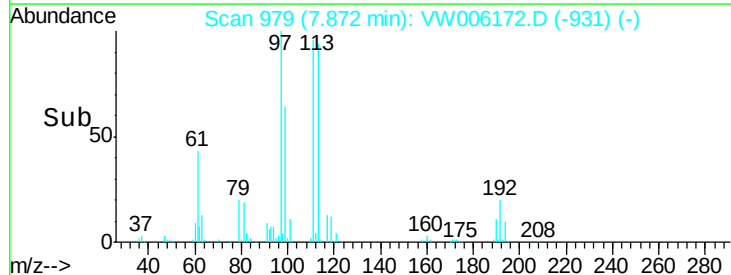
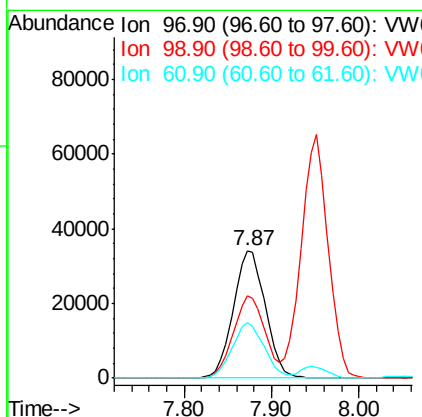
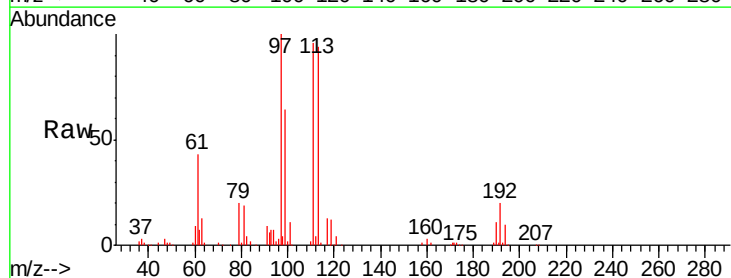
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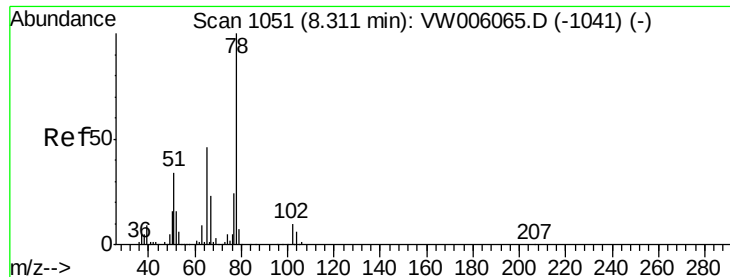
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#32
1,1,1-Trichloroethane
Concen: 20.48 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.01 min
Lab File: VW006172.D
Acq: 18 Oct 2018 13:44

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.9	50.9	76.3
61	43.3	33.7	50.5





#33

1,2-Dichloroethane-d4

Concen: 46.61 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006172.D

Acq: 18 Oct 2018 13:44

Instrument :

MSVOA_W

ClientSampleId :

VW1018SBS01

Tgt Ion: 65 Resp: 109437

Ion Ratio Lower Upper

65 100

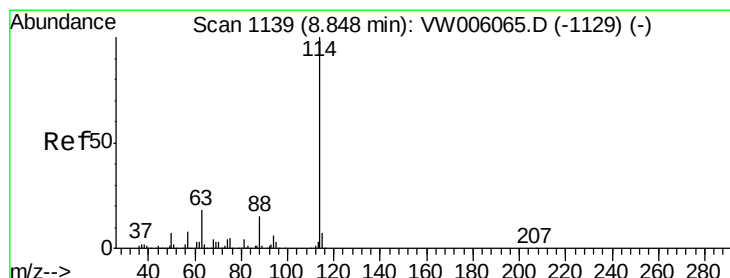
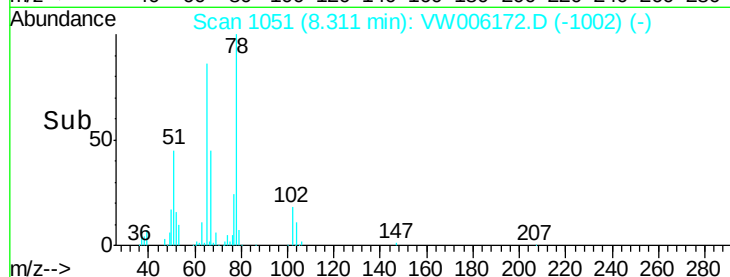
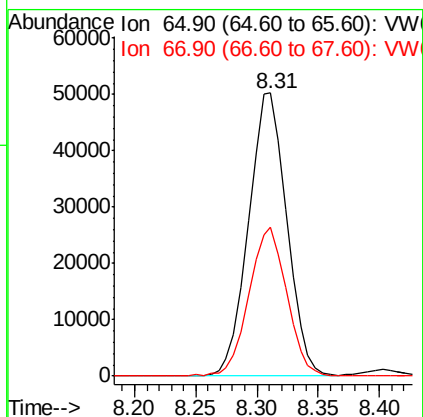
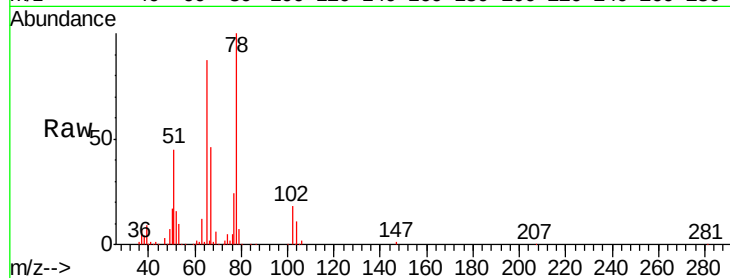
67 52.1 0.0 101.0

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#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW006172.D

Acq: 18 Oct 2018 13:44

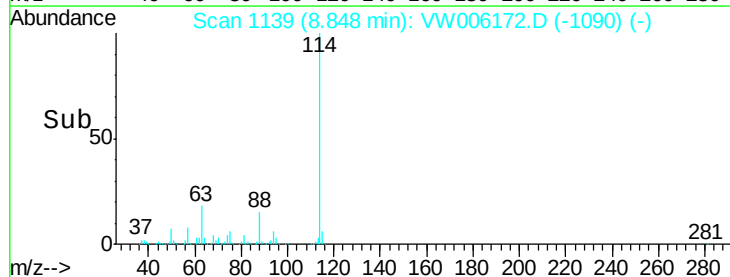
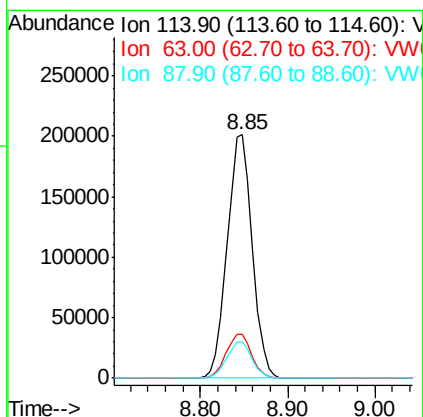
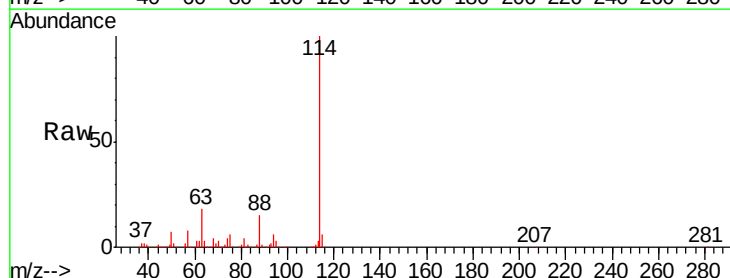
Tgt Ion: 114 Resp: 399098

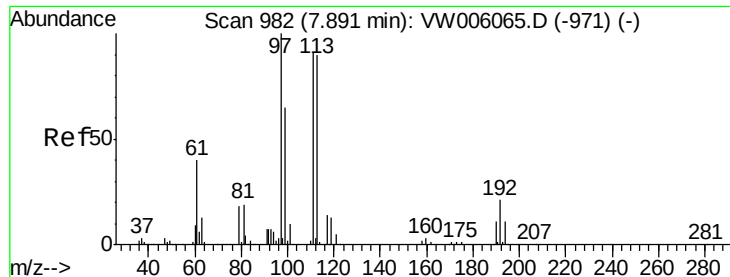
Ion Ratio Lower Upper

114 100

63 18.0 0.0 36.8

88 14.7 0.0 29.0





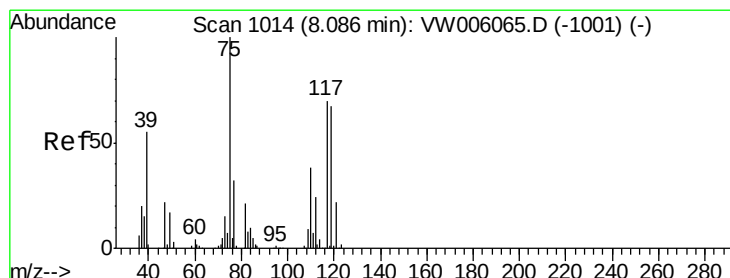
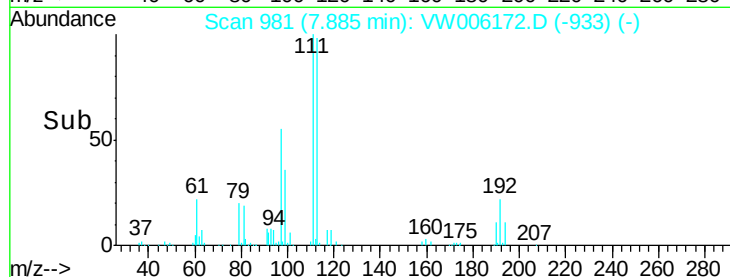
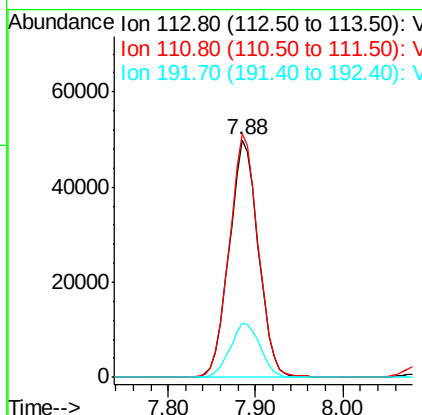
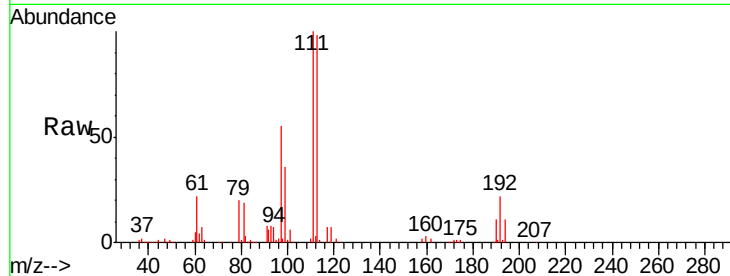
#35
Dibromofluoromethane
Concen: 48.86 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.01 min
Lab File: VW006172.D
Acq: 18 Oct 2018 13:44

Instrument :
MSVOA_W
ClientSampleId :
VW1018SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	115228		
111	102.0	81.4	122.0	
192	23.4	18.7	28.1	

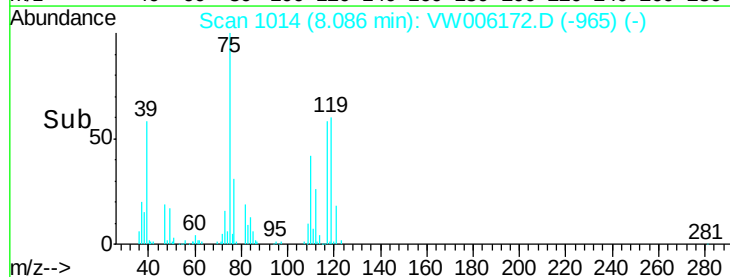
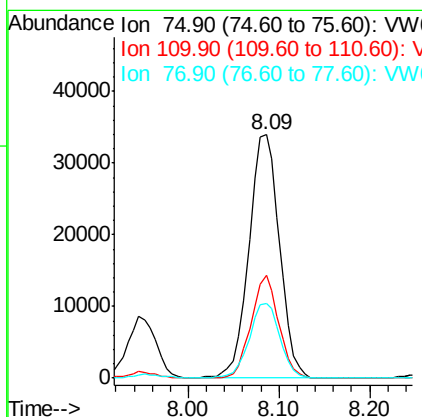
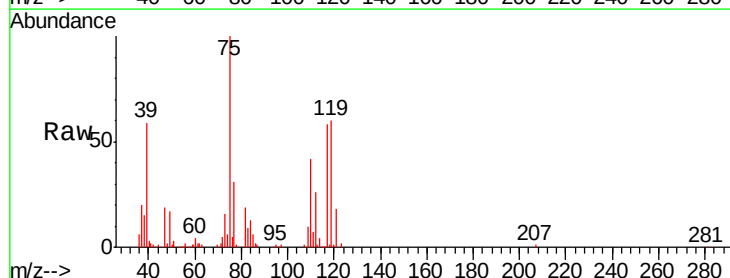
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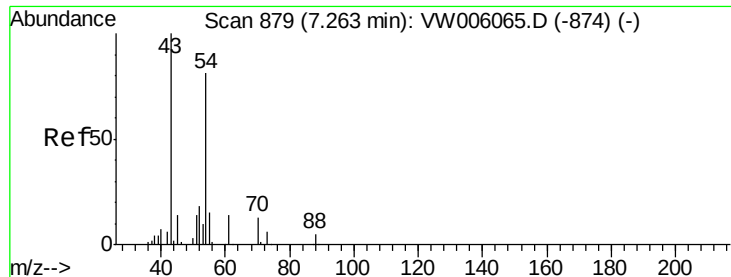
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#36
1,1-Dichloropropene
Concen: 21.57 ug/l
RT: 8.09 min Scan# 1014
Delta R.T. 0.00 min
Lab File: VW006172.D
Acq: 18 Oct 2018 13:44

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	79334		
110	37.8	19.1	57.1	
77	30.8	25.0	37.4	





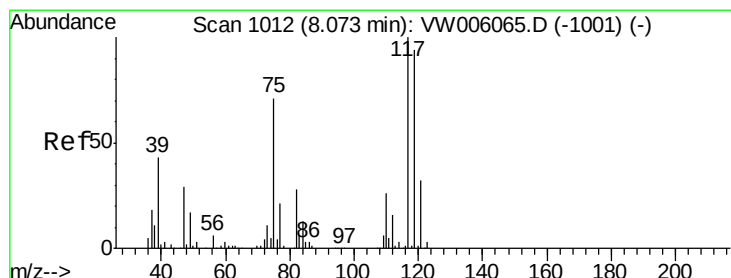
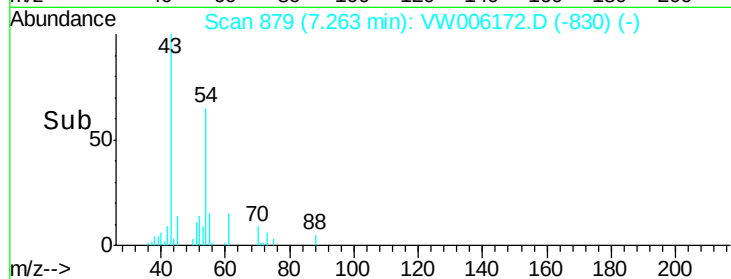
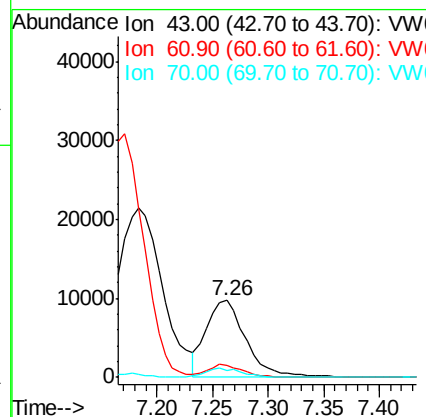
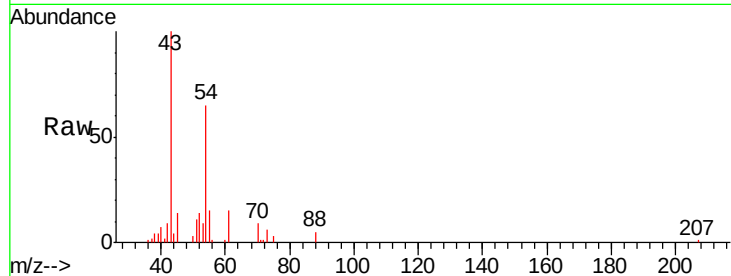
#37
Ethyl Acetate
Concen: 17.44 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: VW006172.D
Acq: 18 Oct 2018 13:44

Instrument :
MSVOA_W
ClientSampleId :
VW1018SBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	15.7	11.5	17.3
70	11.3	9.2	13.8

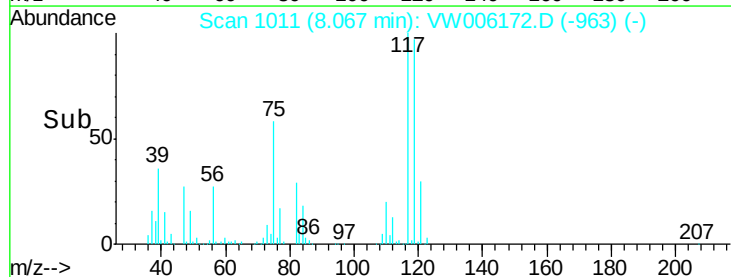
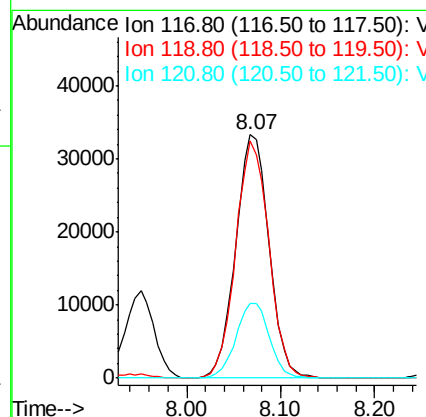
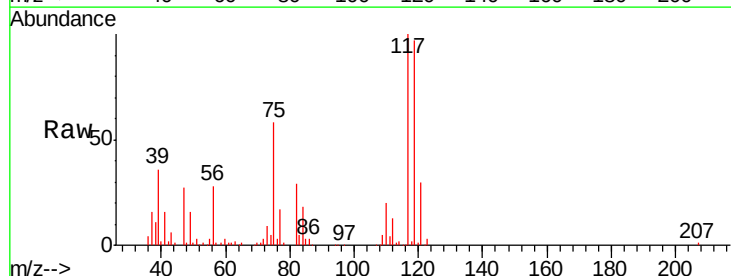
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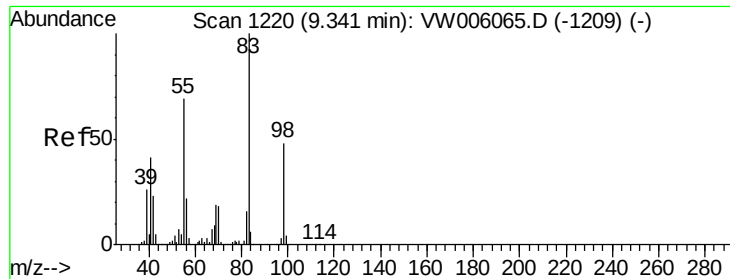
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#38
Carbon Tetrachloride
Concen: 20.36 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW006172.D
Acq: 18 Oct 2018 13:44

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.2	75.2	112.8
121	30.4	25.3	37.9





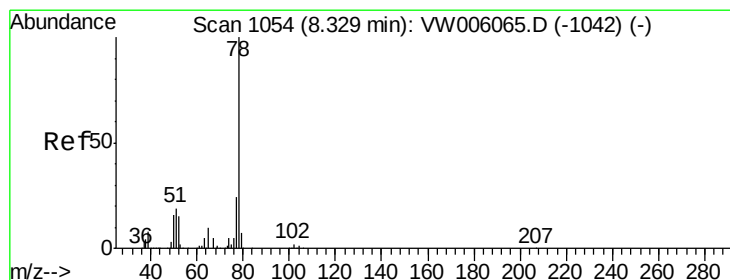
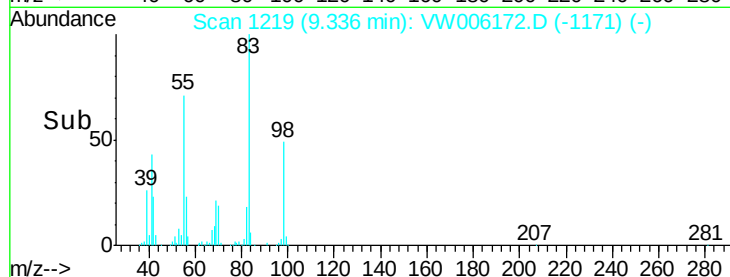
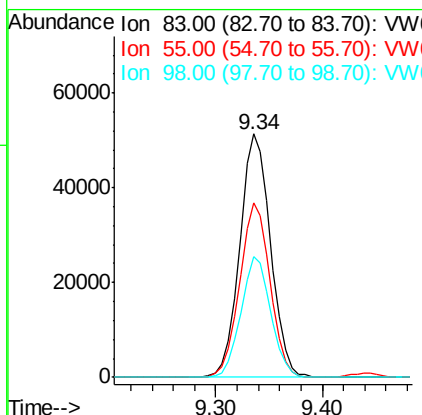
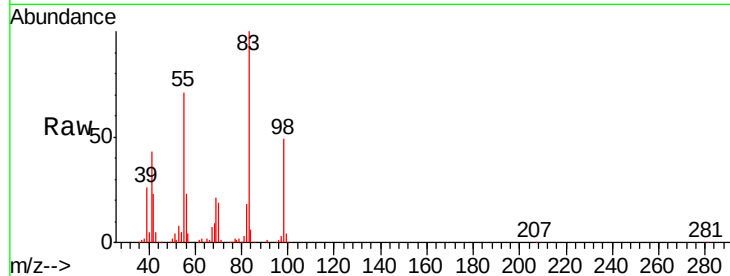
#39
Methylcyclohexane
Concen: 21.27 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006172.D
Acq: 18 Oct 2018 13:44

Instrument :
MSVOA_W
ClientSampleId :
VW1018SBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	71.4	55.0	82.6
98	49.4	38.6	57.8

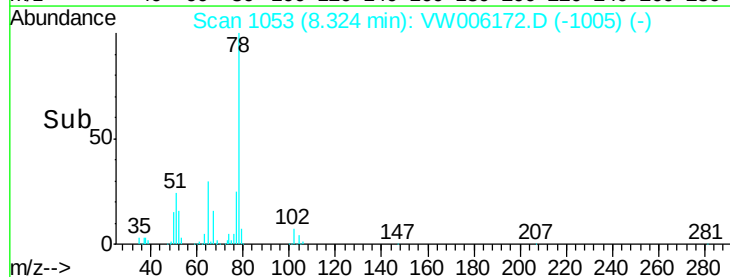
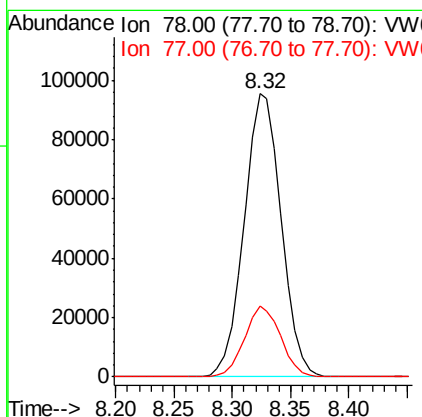
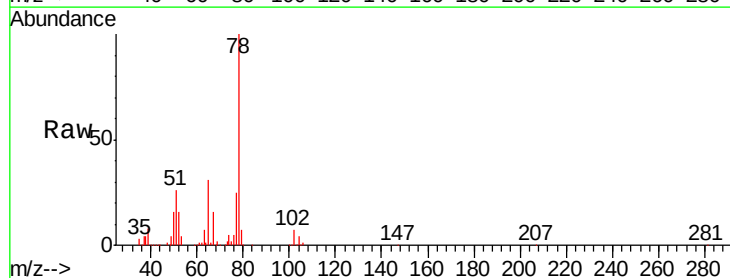
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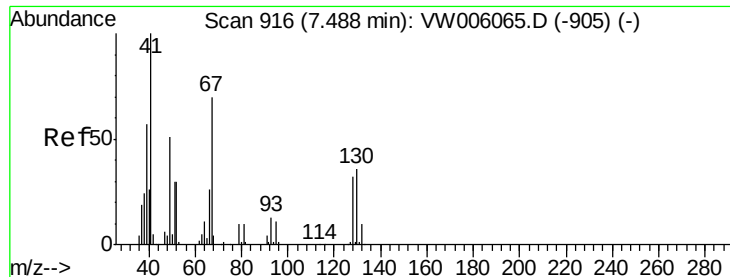
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#40
Benzene
Concen: 20.98 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW006172.D
Acq: 18 Oct 2018 13:44

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.8	19.4	29.0





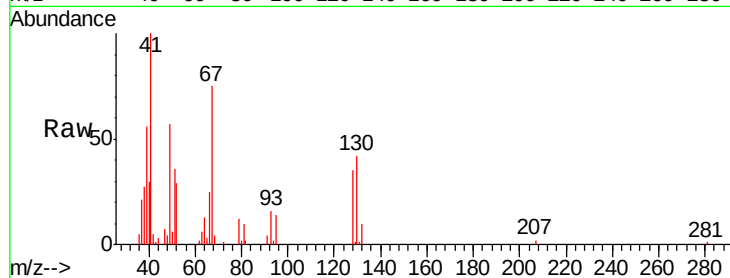
#41
Methacrylonitrile
Concen: 16.85 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW006172.D
Acq: 18 Oct 2018 13:44

Instrument :
MSVOA_W
ClientSampleId :
VW1018SBS01

Tgt Ion	Ratio	Lower	Upper
41	100		
39	71.1	46.2	69.4#
67	83.5	57.7	86.5
52	36.0	24.7	37.1

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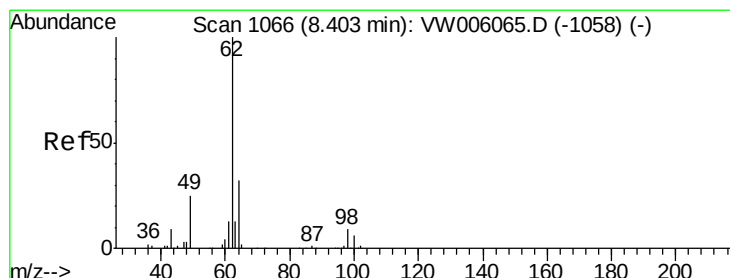
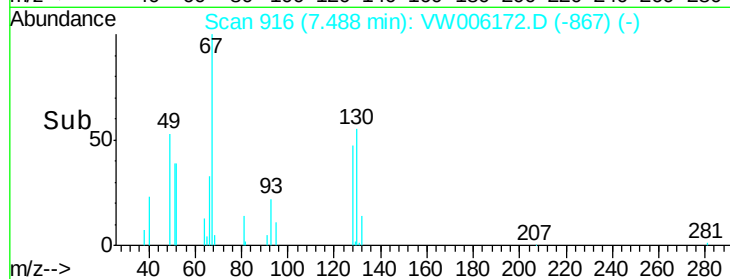
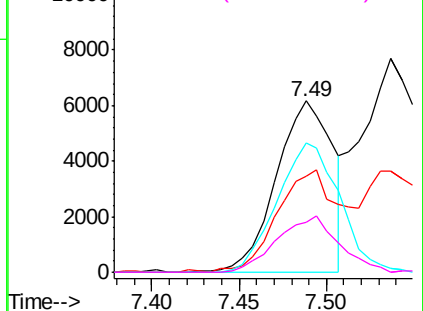
Abundance

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

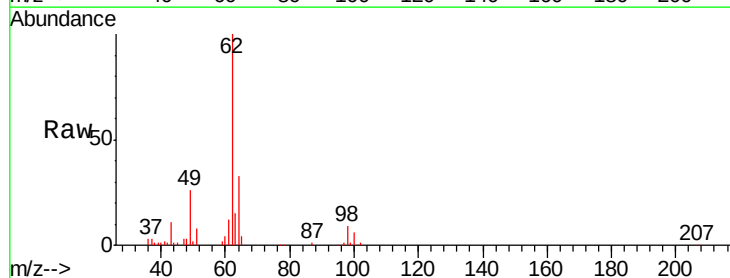
Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42
1,2-Dichloroethane
Concen: 20.74 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW006172.D
Acq: 18 Oct 2018 13:44

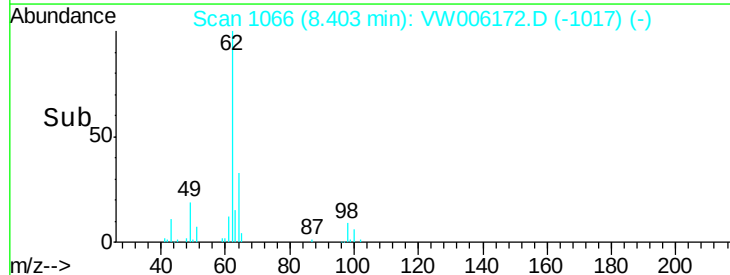
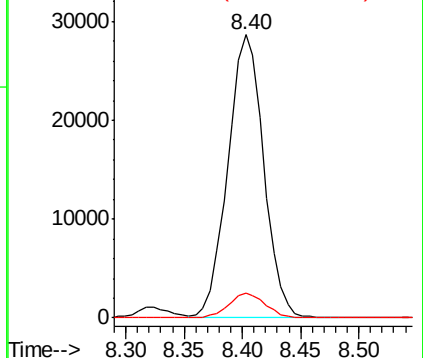
Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	18.4

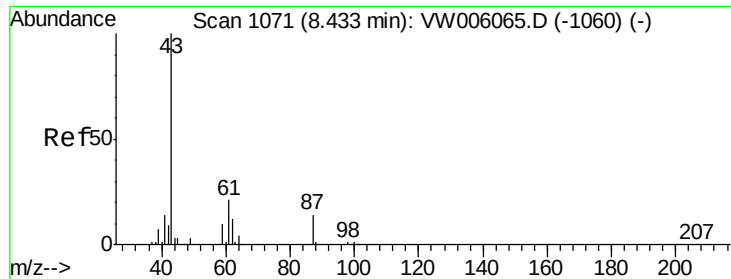


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 17.79 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.01 min

Lab File: VW006172.D

Acq: 18 Oct 2018 13:44

Instrument :

MSVOA_W

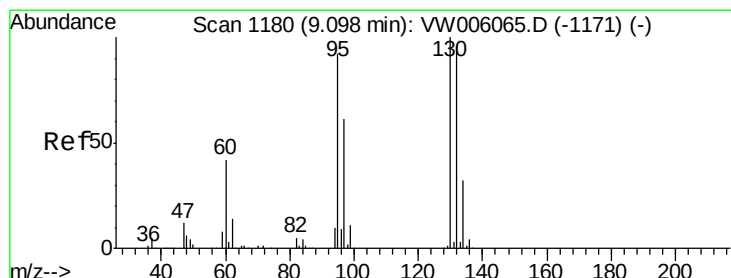
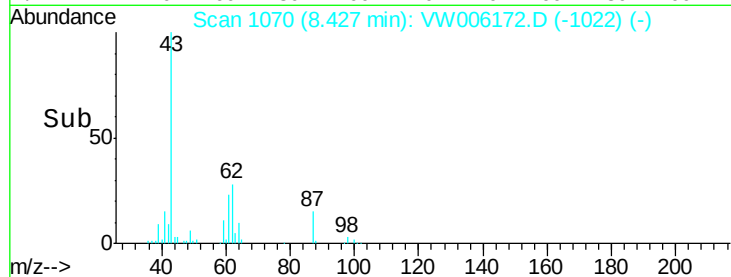
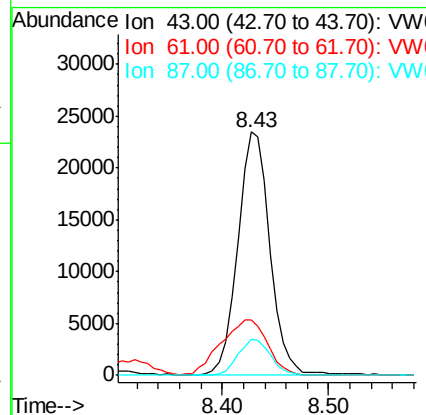
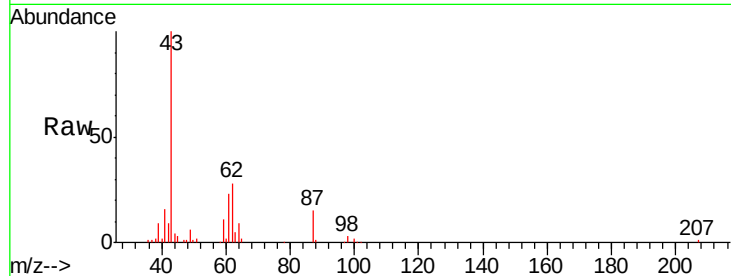
ClientSampleId :

VW1018SBS01

Tgt Ion:	43	Resp:	49720
Ion	Ratio	Lower	Upper
43	100		
61	32.7	25.5	38.3
87	14.9	11.7	17.5

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#44

Trichloroethene

Concen: 21.44 ug/l

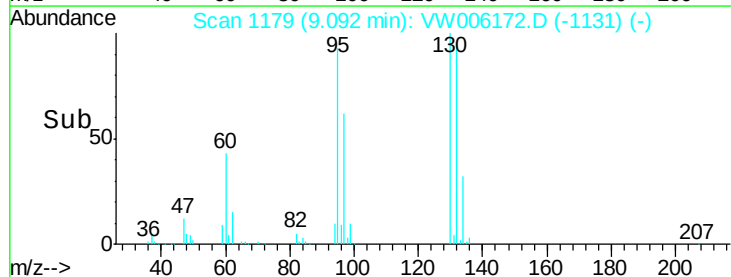
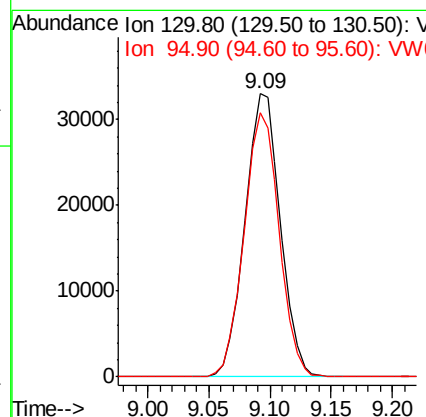
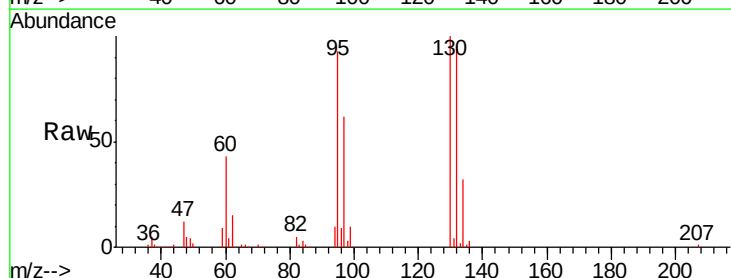
RT: 9.09 min Scan# 1179

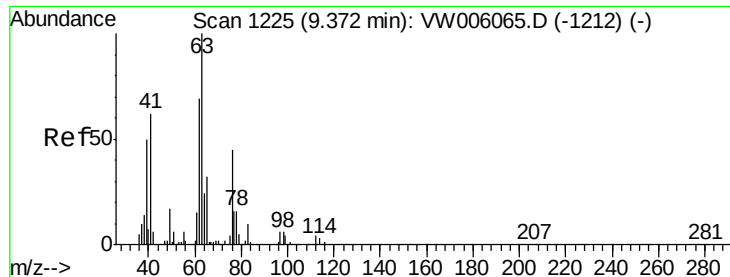
Delta R.T. -0.01 min

Lab File: VW006172.D

Acq: 18 Oct 2018 13:44

Tgt Ion:	130	Resp:	66388
Ion	Ratio	Lower	Upper
130	100		
95	93.4	0.0	183.2





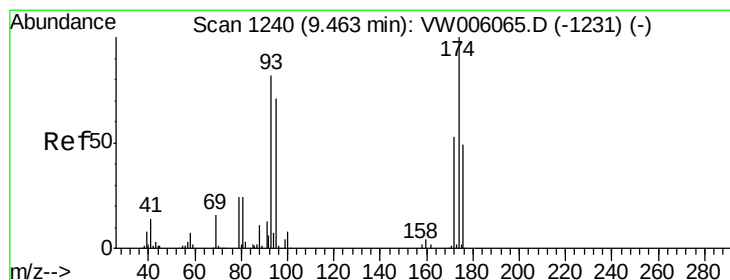
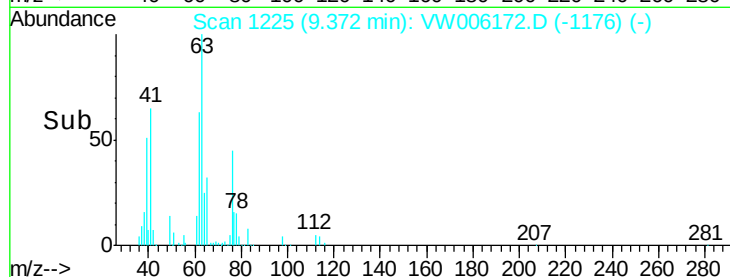
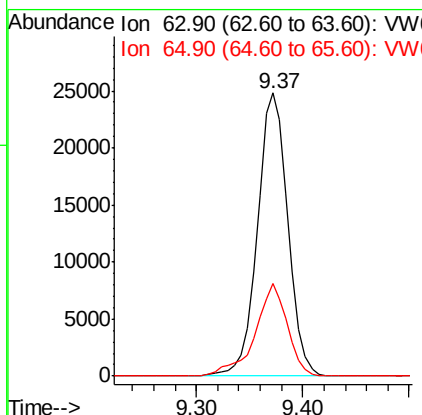
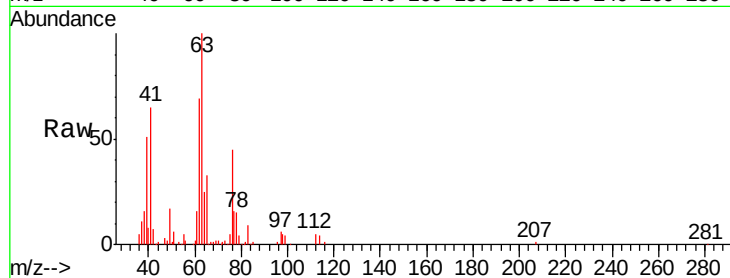
#45
1,2-Dichloropropane
Concen: 20.51 ug/l
RT: 9.37 min Scan# 1225
Delta R.T. 0.00 min
Lab File: VW006172.D
Acq: 18 Oct 2018 13:44

Instrument :
MSVOA_W
ClientSampleId :
VW1018SBS01

Tgt Ion	Ratio	Lower	Upper
63	100		
65	32.8	25.4	38.0

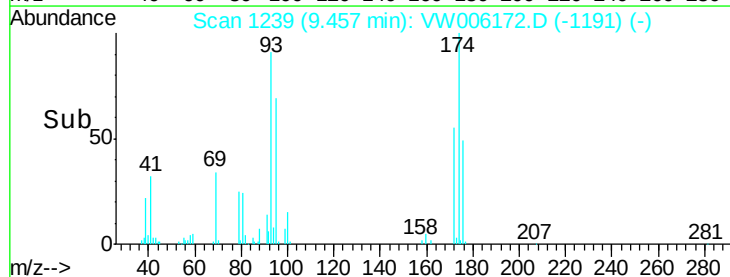
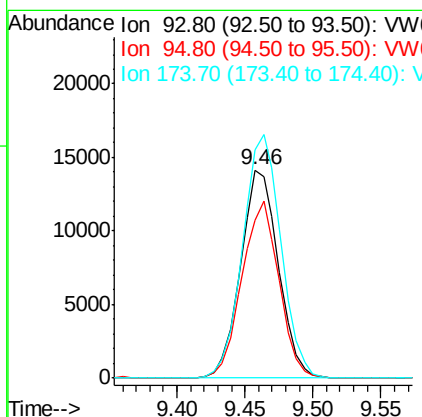
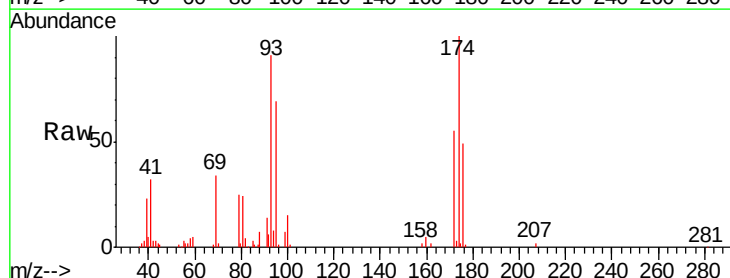
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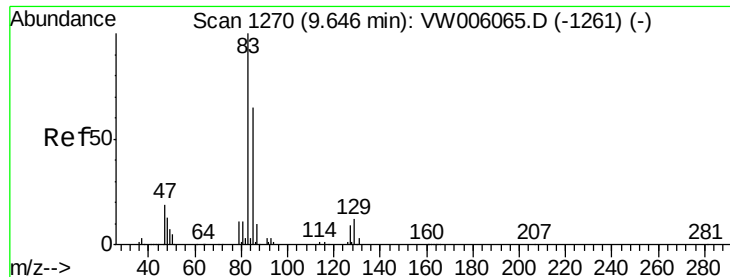
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#46
Dibromomethane
Concen: 19.93 ug/l
RT: 9.46 min Scan# 1239
Delta R.T. -0.01 min
Lab File: VW006172.D
Acq: 18 Oct 2018 13:44

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.6	67.7	101.5
174	118.9	93.7	140.5





#47

Bromodichloromethane

Concen: 19.65 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW006172.D

Acq: 18 Oct 2018 13:44

Instrument :

MSVOA_W

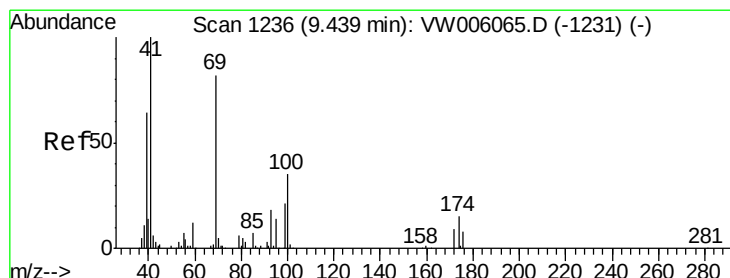
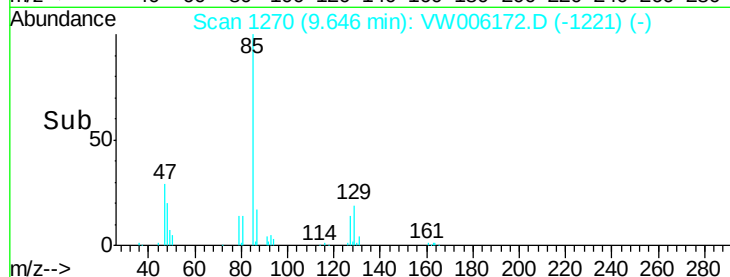
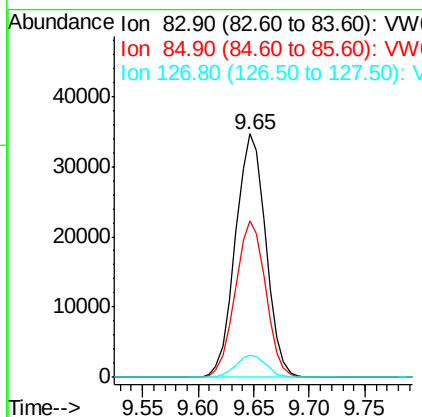
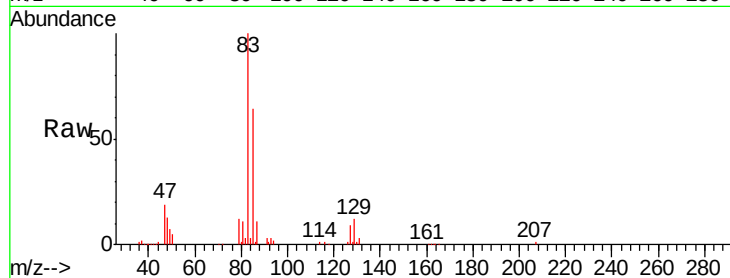
ClientSampleId :

VW1018SBS01

Tgt Ion:	83	Resp:	65567
Ion	Ratio	Lower	Upper
83	100		
85	64.4	51.8	77.8
127	8.9	6.9	10.3

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#48

Methyl methacrylate

Concen: 17.89 ug/l

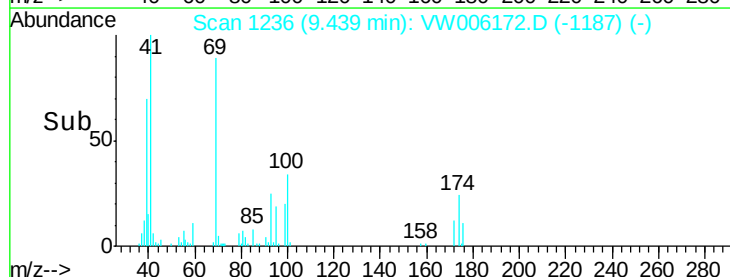
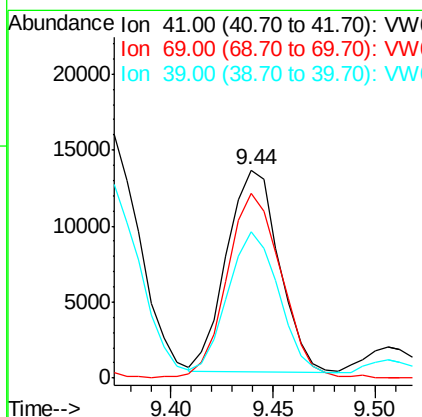
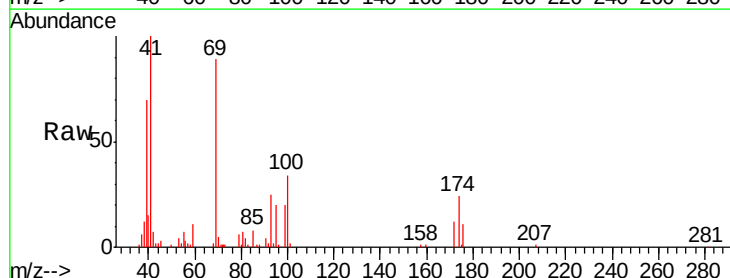
RT: 9.44 min Scan# 1236

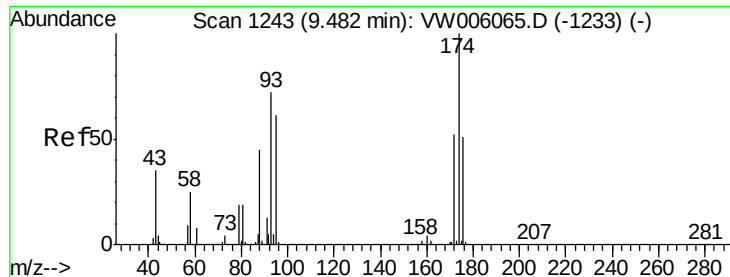
Delta R.T. 0.00 min

Lab File: VW006172.D

Acq: 18 Oct 2018 13:44

Tgt Ion:	41	Resp:	23702
Ion	Ratio	Lower	Upper
41	100		
69	95.3	71.8	107.8
39	67.9	52.5	78.7





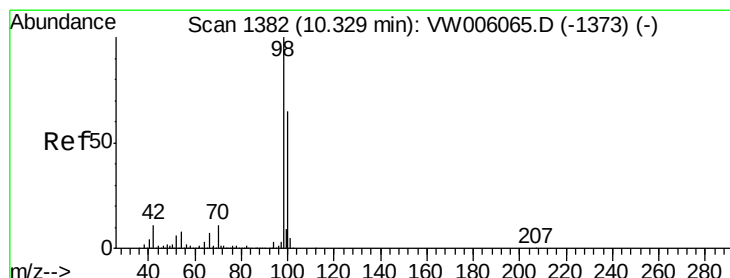
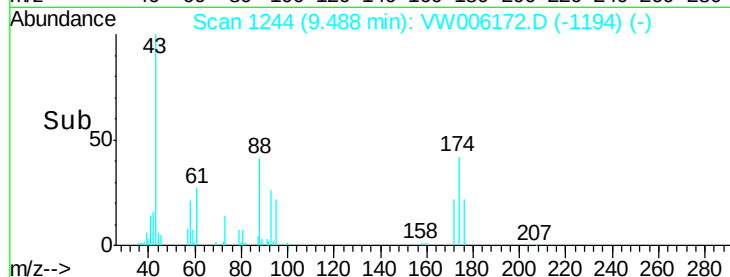
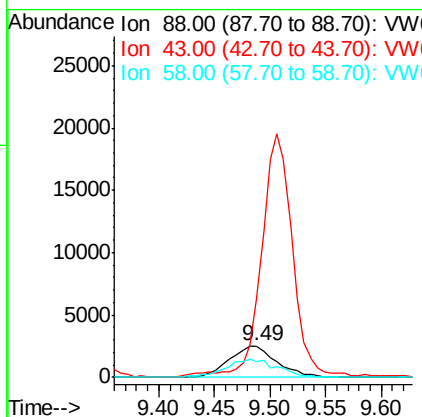
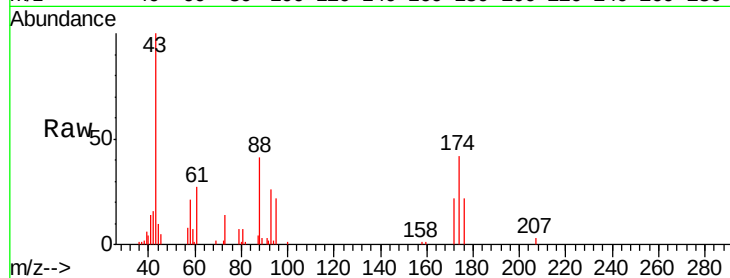
#49
1,4-Dioxane
Concen: 345.74 ug/l
RT: 9.49 min Scan# 1244
Delta R.T. 0.01 min
Lab File: VW006172.D
Acq: 18 Oct 2018 13:44

Instrument :
MSVOA_W
ClientSampleId :
VW1018SBS01

Tgt Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	63.2	51.2	76.8

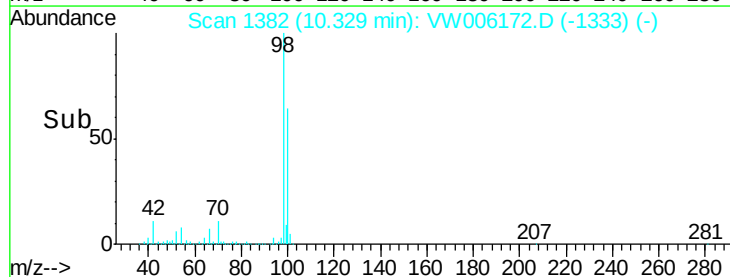
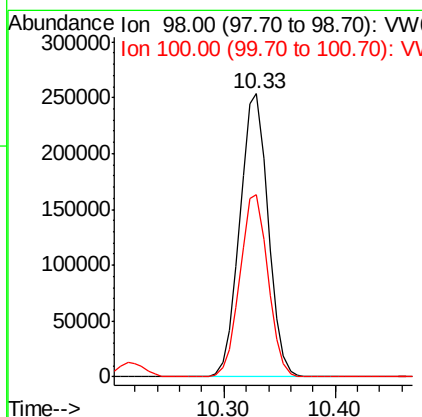
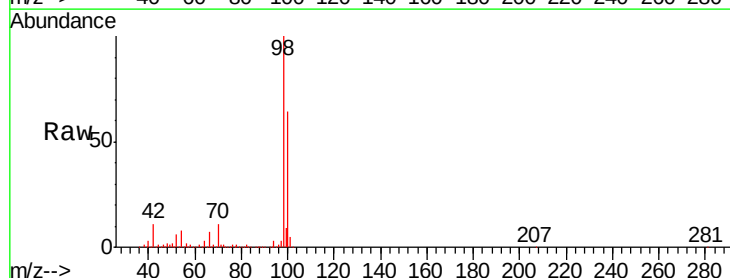
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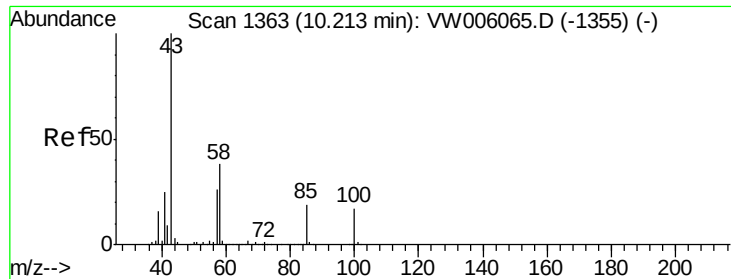
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#50
Toluene-d8
Concen: 49.81 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006172.D
Acq: 18 Oct 2018 13:44

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.6	77.4





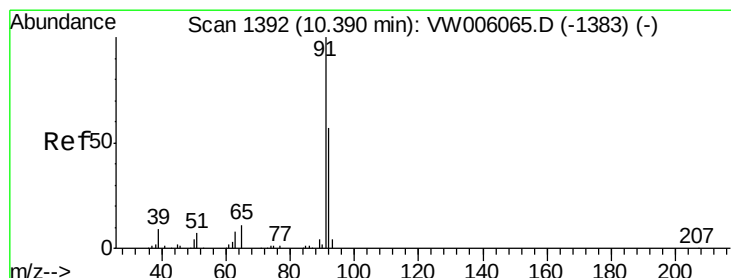
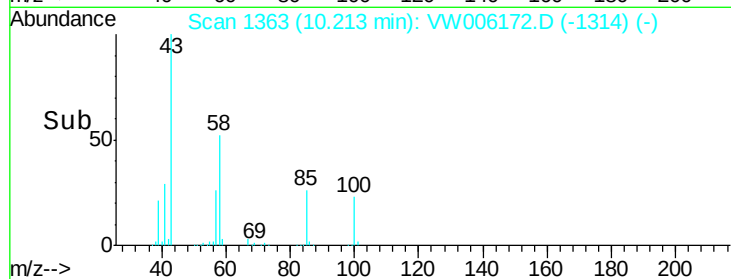
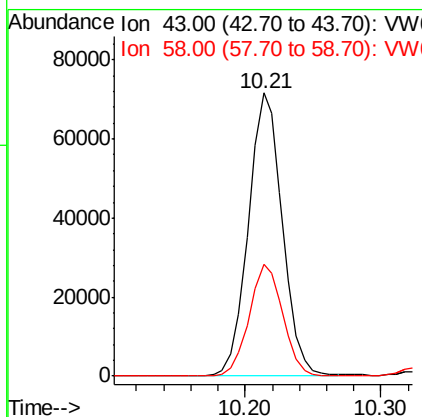
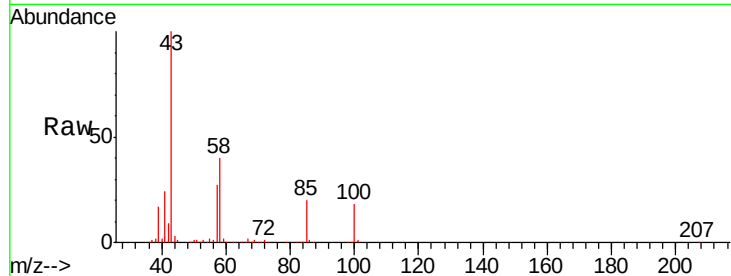
#51
 4-Methyl-2-Pentanone
 Concen: 89.62 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VW006172.D
 Acq: 18 Oct 2018 13:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1018SBS01

Tgt Ion: 43 Resp: 125482
 Ion Ratio Lower Upper
 43 100
 58 39.2 31.5 47.3

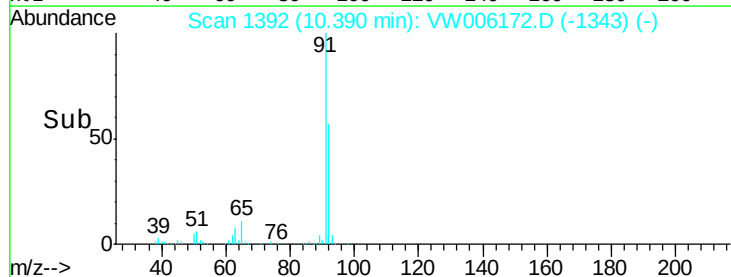
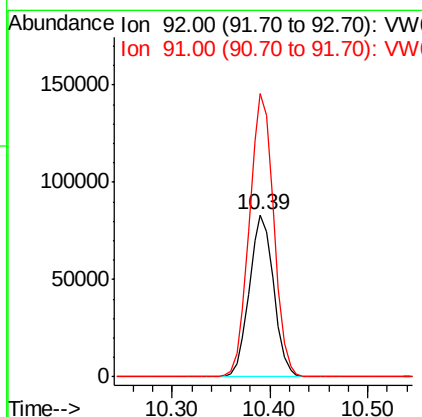
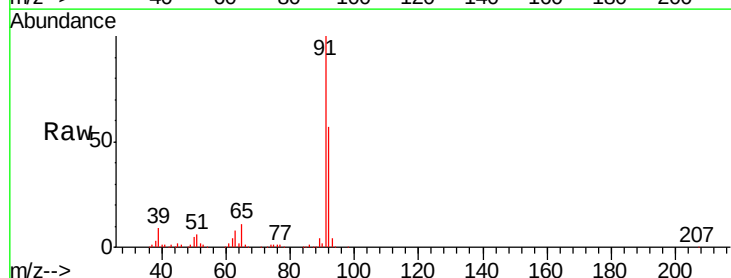
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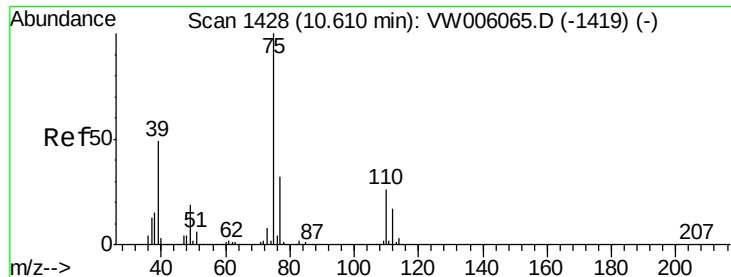
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#52
 Toluene
 Concen: 21.12 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW006172.D
 Acq: 18 Oct 2018 13:44

Tgt Ion: 92 Resp: 142849
 Ion Ratio Lower Upper
 92 100
 91 175.6 140.0 210.0





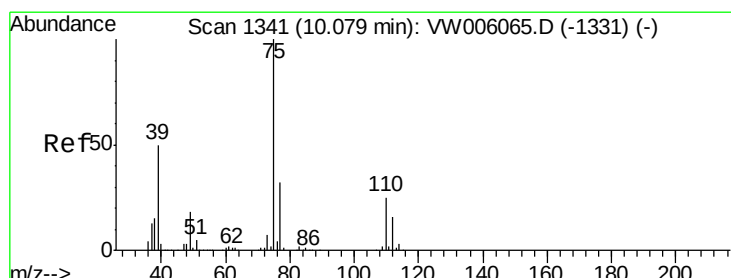
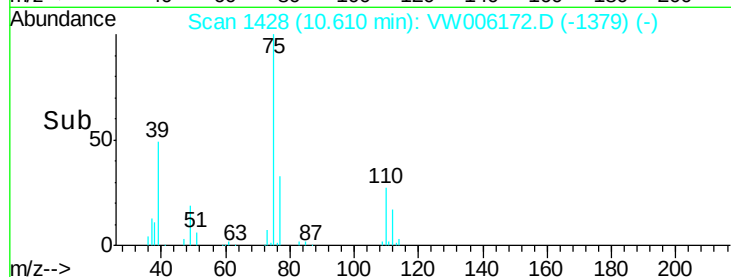
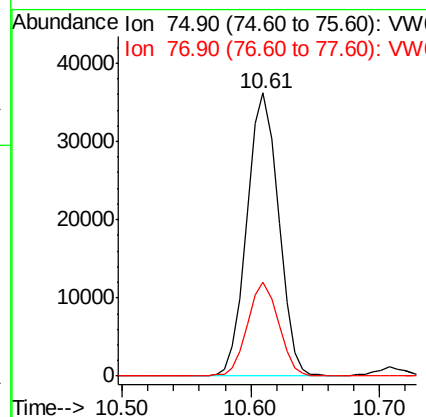
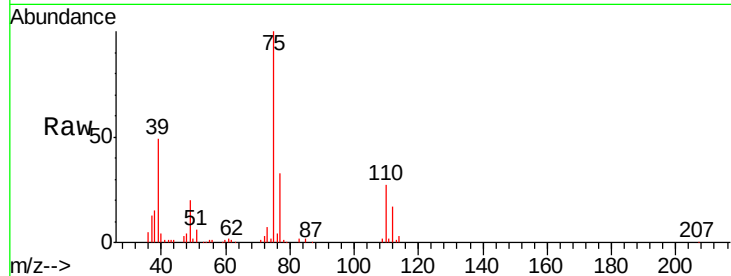
#53
 t-1,3-Dichloropropene
 Concen: 18.51 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: VW006172.D
 Acq: 18 Oct 2018 13:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1018SBS01

Tgt Ion: 75 Resp: 61520
 Ion Ratio Lower Upper
 75 100
 77 33.1 25.4 38.2

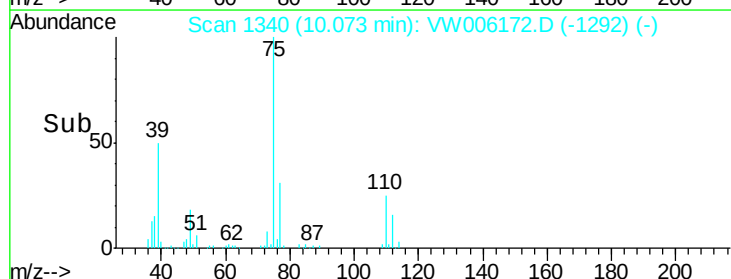
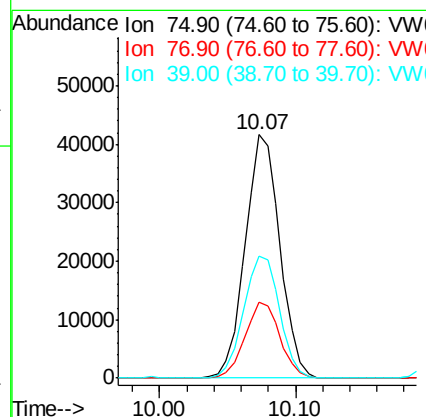
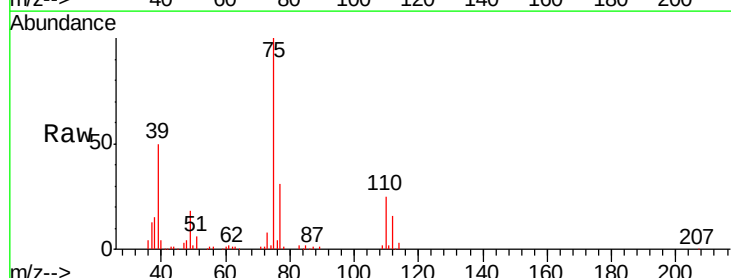
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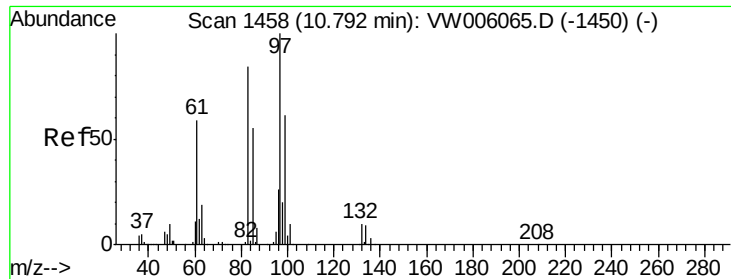
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#54
 cis-1,3-Dichloropropene
 Concen: 19.44 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.01 min
 Lab File: VW006172.D
 Acq: 18 Oct 2018 13:44

Tgt Ion: 75 Resp: 74151
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.2 37.8
 39 49.9 39.9 59.9





#55

1,1,2-Trichloroethane

Concen: 20.44 ug/l

RT: 10.79 min Scan# 1458

Delta R.T. 0.00 min

Lab File: VW006172.D

Acq: 18 Oct 2018 13:44

Instrument :

MSVOA_W

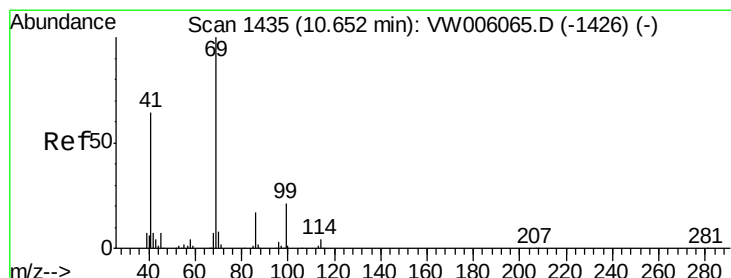
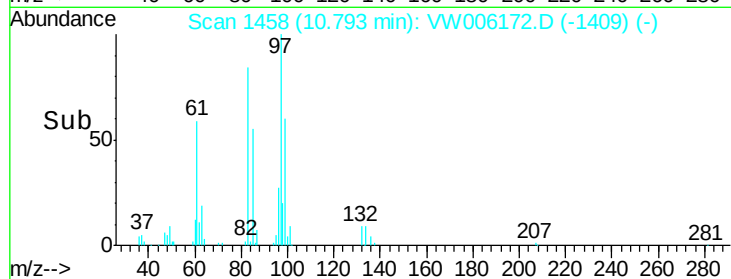
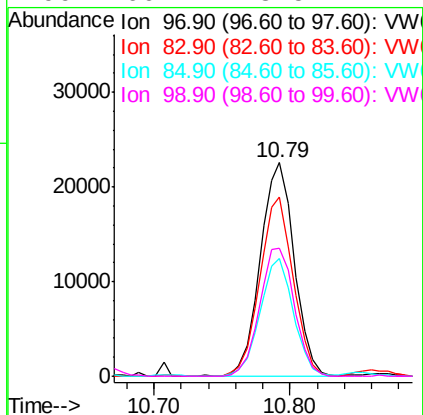
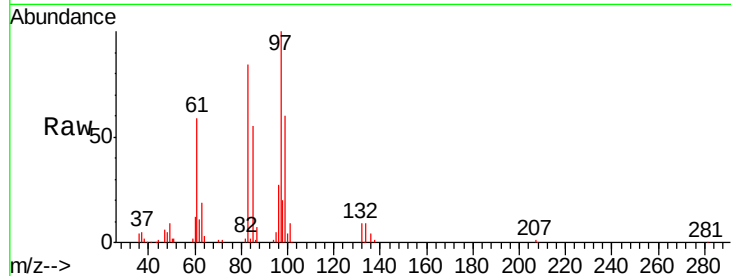
ClientSampleId :

VW1018SBS01

Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.6	67.2	100.8
85	54.9	43.7	65.5
99	60.1	48.5	72.7

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#56

Ethyl methacrylate

Concen: 18.50 ug/l

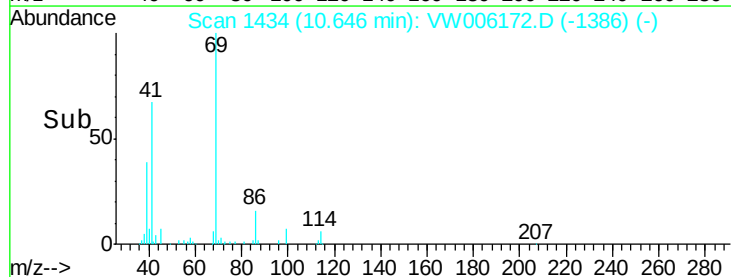
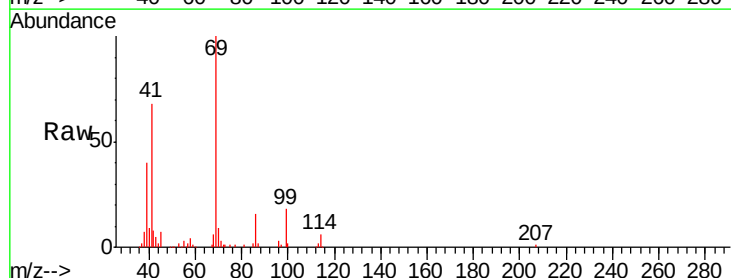
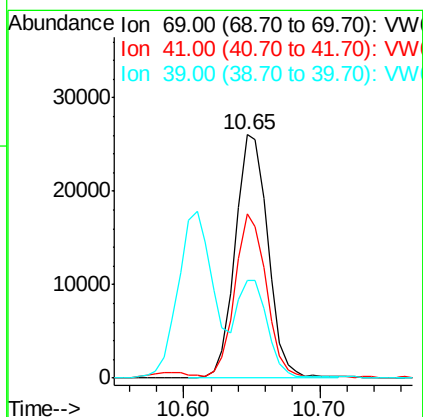
RT: 10.65 min Scan# 1434

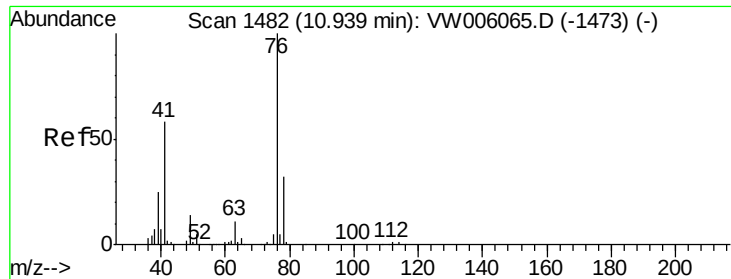
Delta R.T. -0.01 min

Lab File: VW006172.D

Acq: 18 Oct 2018 13:44

Tgt Ion	Ratio	Lower	Upper
69	100		
41	63.7	52.8	79.2
39	35.6	30.6	45.8





#57

1,3-Dichloropropane

Concen: 20.13 ug/l

RT: 10.94 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VW006172.D

Acq: 18 Oct 2018 13:44

Instrument :

MSVOA_W

ClientSampleId :

VW1018SBS01

Tgt Ion: 76 Resp: 64168

Ion Ratio Lower Upper

76 100

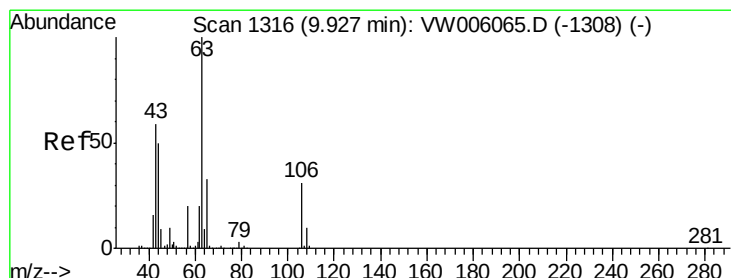
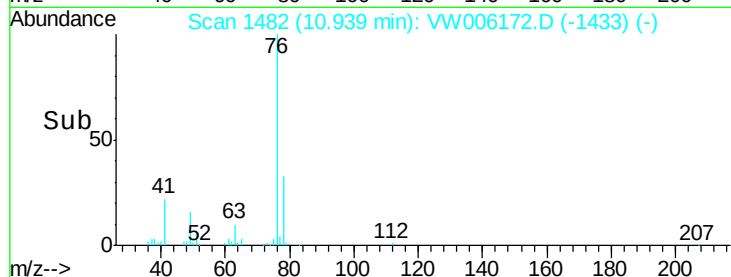
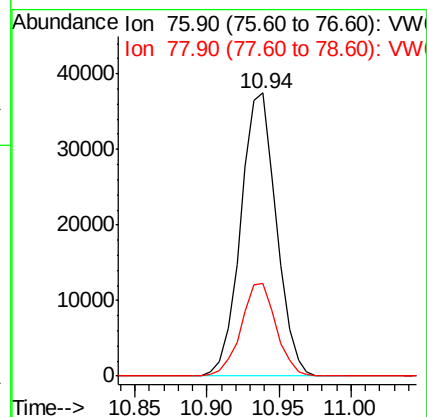
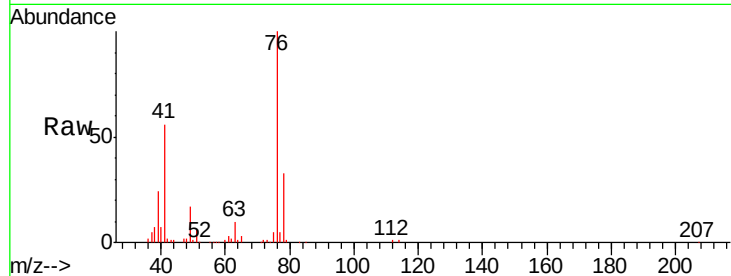
78 32.3 25.9 38.9

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#58

2-Chloroethyl Vinyl ether

Concen: 94.44 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VW006172.D

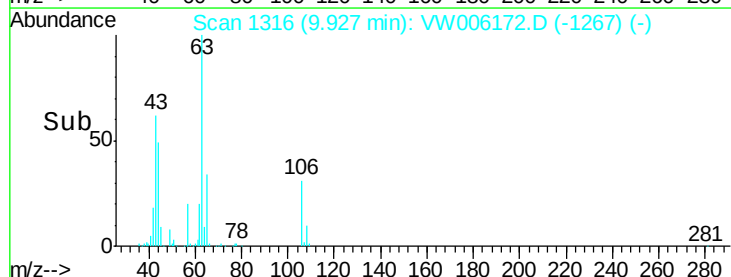
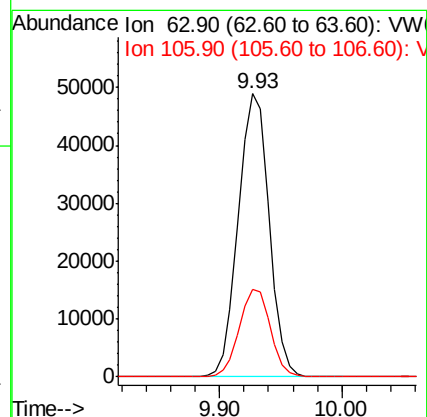
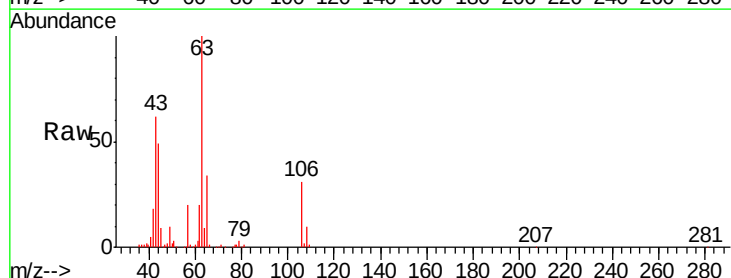
Acq: 18 Oct 2018 13:44

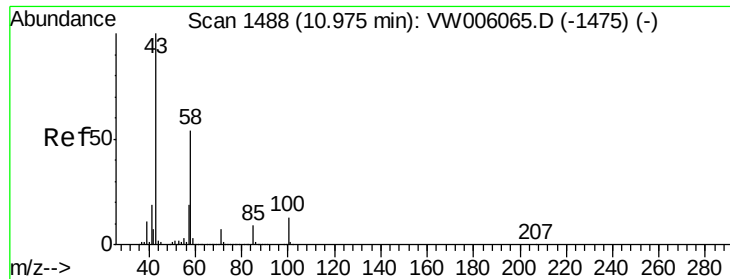
Tgt Ion: 63 Resp: 85200

Ion Ratio Lower Upper

63 100

106 31.1 24.5 36.7





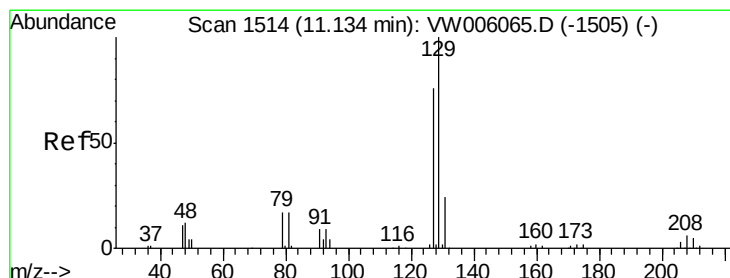
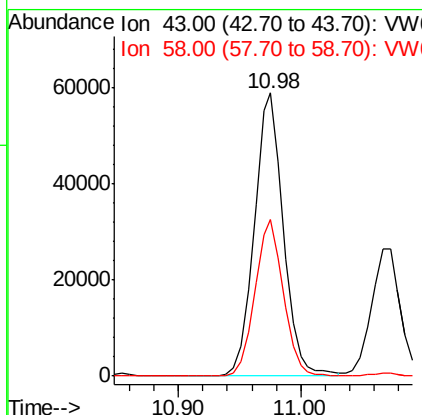
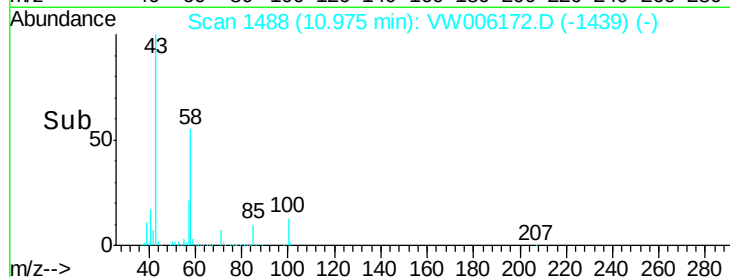
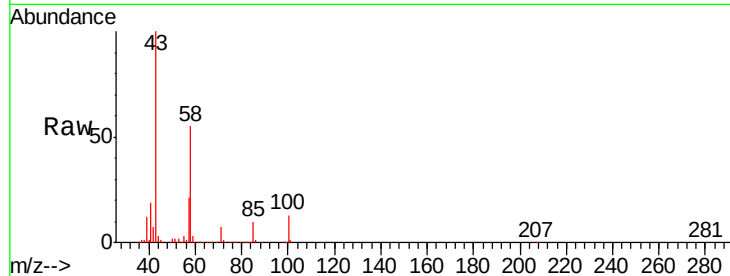
#59
2-Hexanone
Concen: 97.16 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW006172.D
Acq: 18 Oct 2018 13:44

Instrument :
MSVOA_W
ClientSampleId :
VW1018SBS01

Tgt Ion: 43 Resp: 97106
Ion Ratio Lower Upper
43 100
58 54.1 26.9 80.6

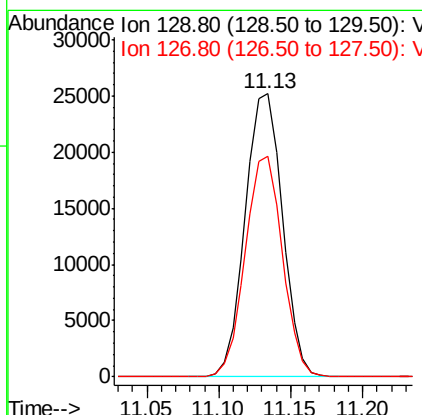
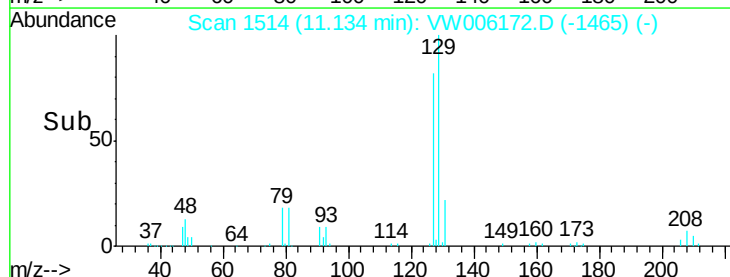
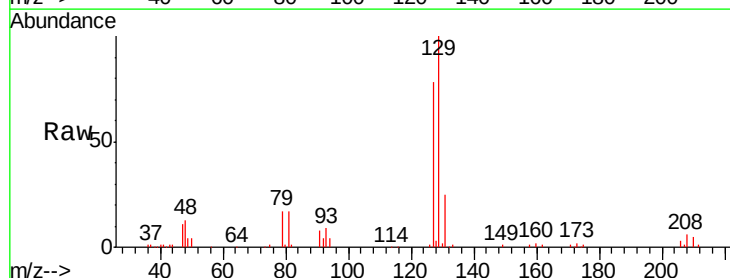
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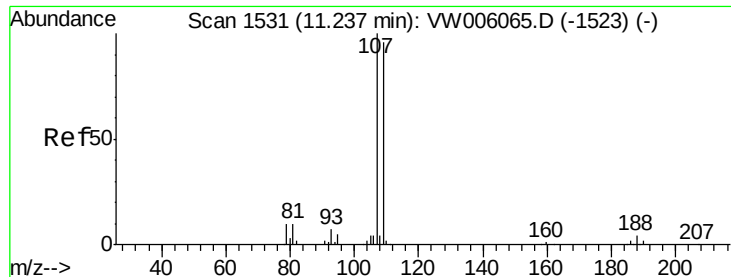
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#60
Dibromochloromethane
Concen: 18.85 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW006172.D
Acq: 18 Oct 2018 13:44

Tgt Ion: 129 Resp: 45230
Ion Ratio Lower Upper
129 100
127 77.5 38.6 115.7





#61

1,2-Dibromoethane

Concen: 19.75 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW006172.D

Acq: 18 Oct 2018 13:44

Instrument :

MSVOA_W

ClientSampleId :

VW1018SBS01

Tgt Ion: 107 Resp: 38012

Ion Ratio Lower Upper

107 100

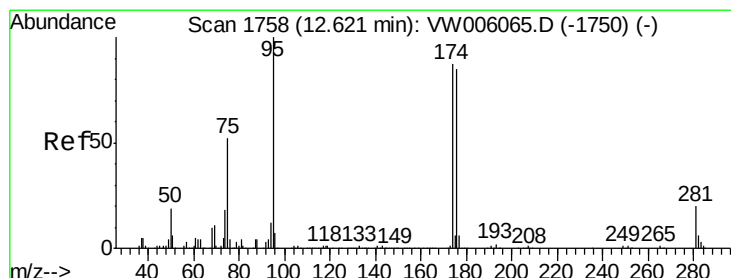
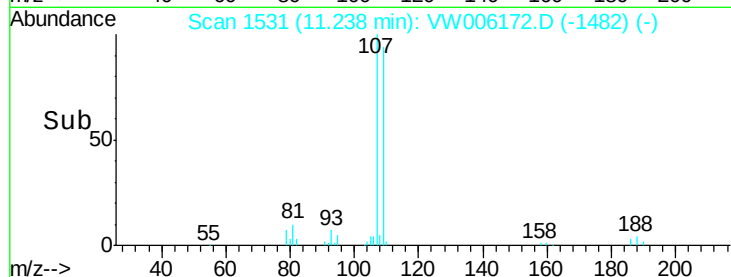
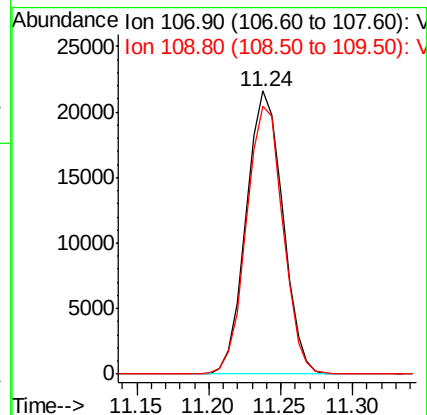
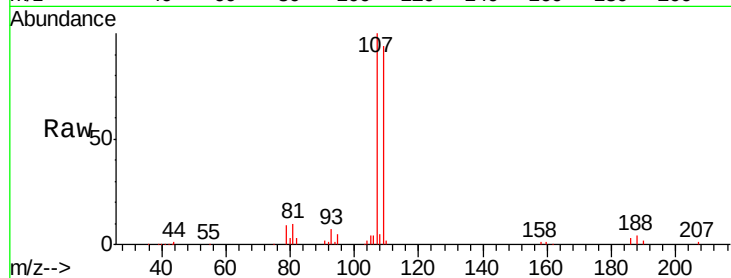
109 94.4 76.3 114.5

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 49.13 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006172.D

Acq: 18 Oct 2018 13:44

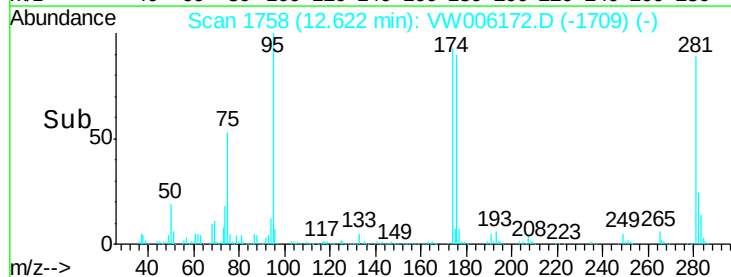
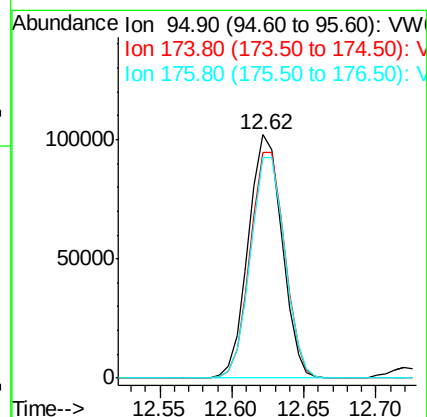
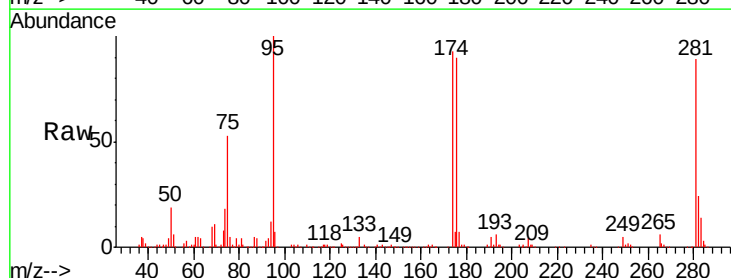
Tgt Ion: 95 Resp: 165560

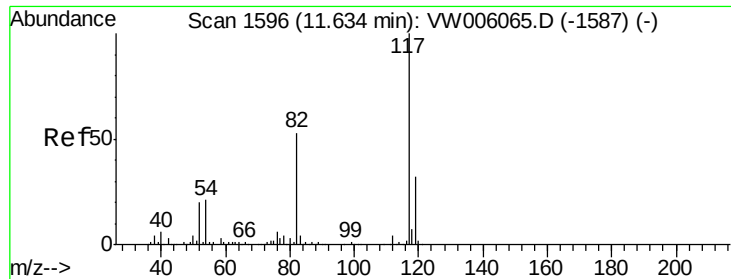
Ion Ratio Lower Upper

95 100

174 94.7 0.0 186.0

176 92.1 0.0 181.6





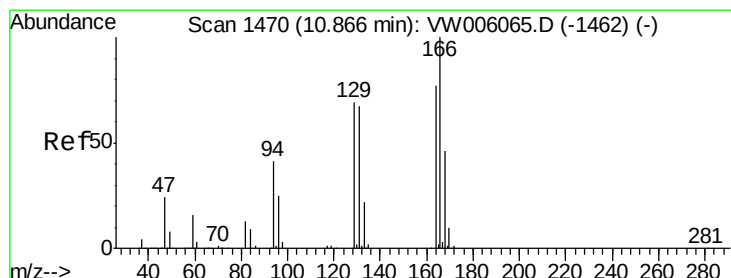
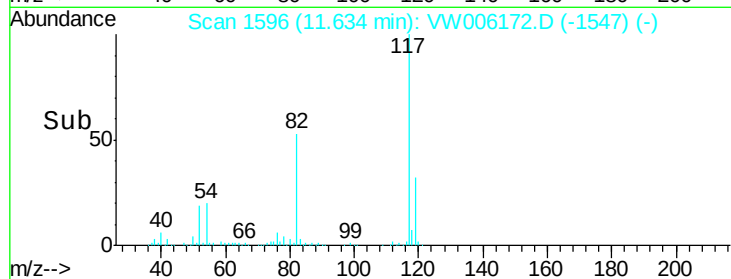
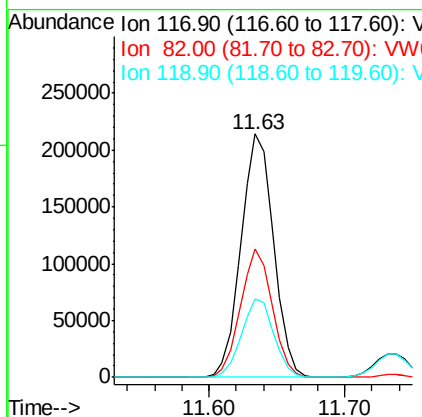
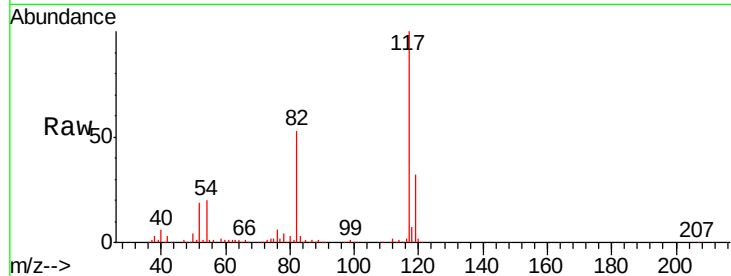
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006172.D
Acq: 18 Oct 2018 13:44

Instrument :
MSVOA_W
ClientSampleId :
VW1018SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	358602		
82	52.9	42.1	63.1	
119	32.3	25.8	38.6	

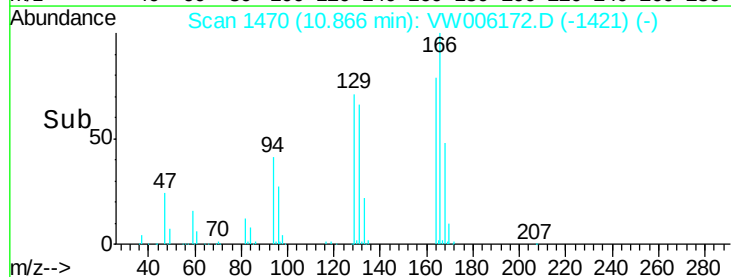
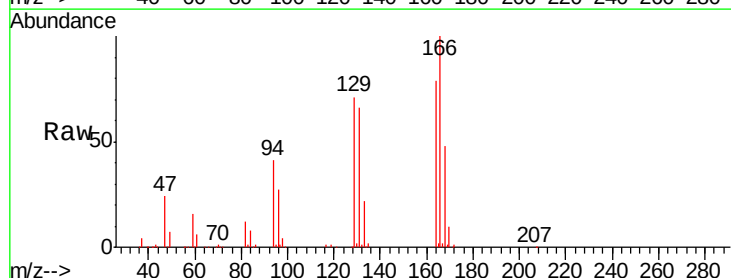
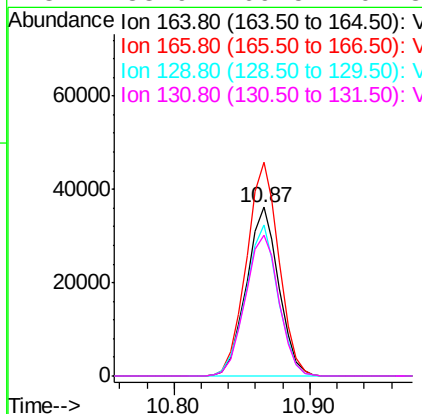
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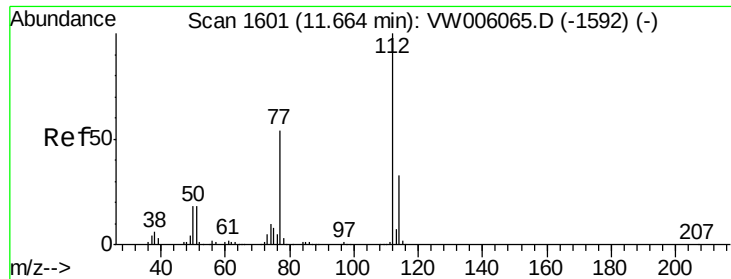
apatel
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#64
Tetrachloroethene
Concen: 21.62 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006172.D
Acq: 18 Oct 2018 13:44

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	60185		
166	126.7	103.4	155.0	
129	89.5	71.8	107.8	
131	83.9	69.5	104.3	





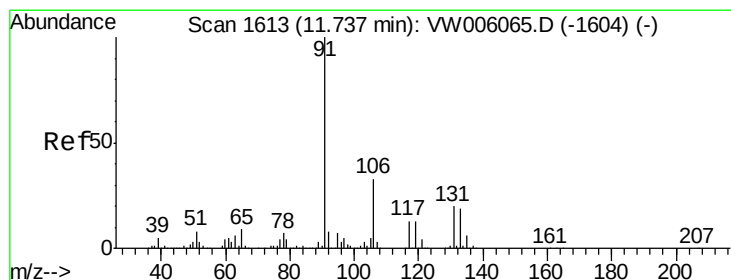
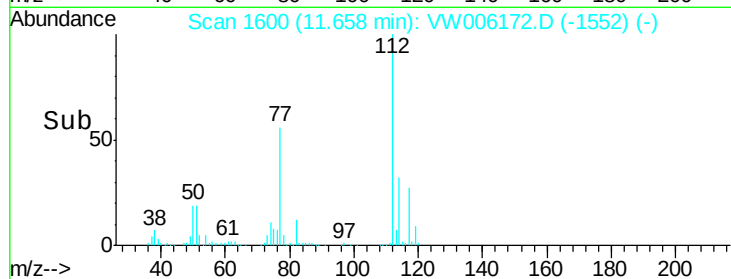
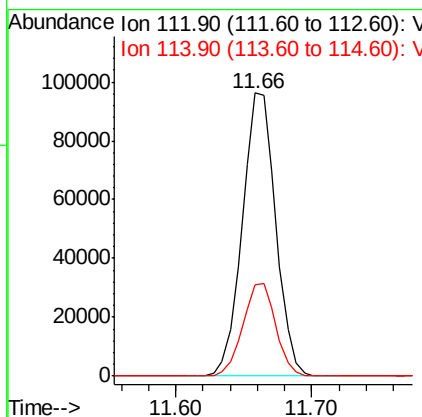
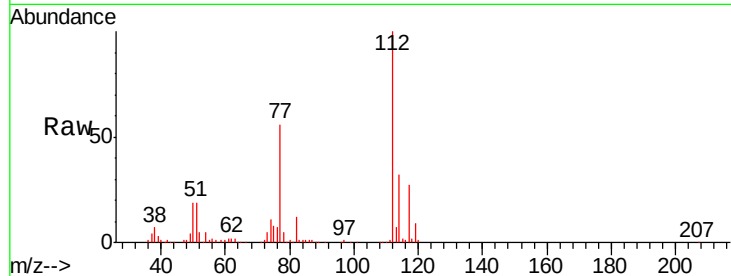
#65
Chlorobenzene
Concen: 21.49 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VW006172.D
Acq: 18 Oct 2018 13:44

Instrument :
MSVOA_W
ClientSampleId :
VW1018SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	165001		
114	32.3	26.2	39.2	

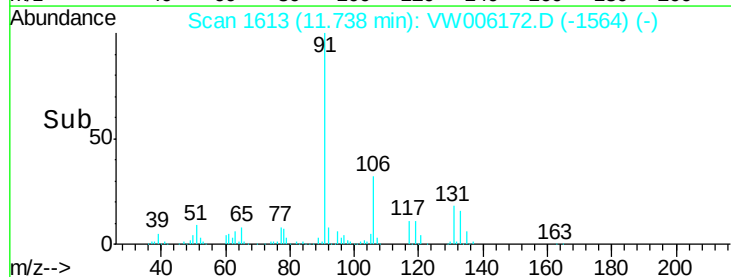
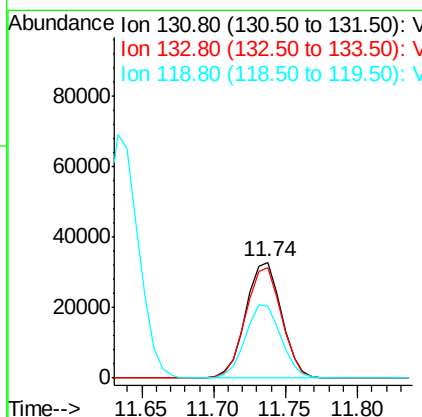
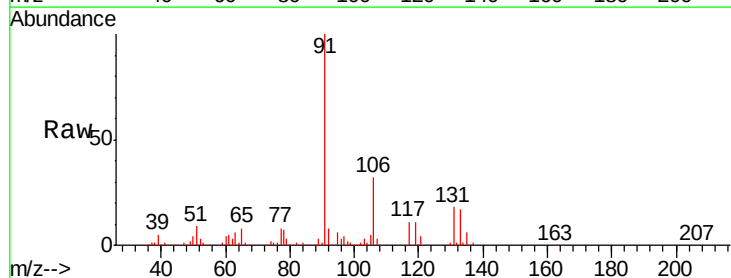
Manual Integrations
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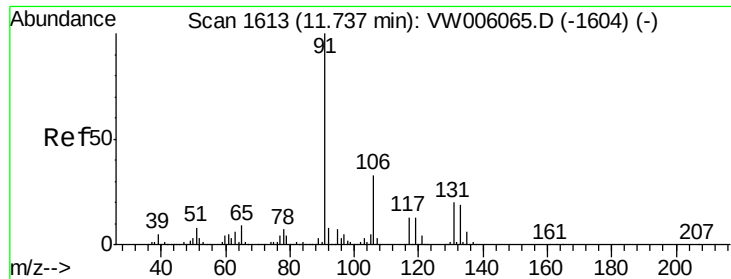
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.66 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW006172.D
Acq: 18 Oct 2018 13:44

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	56367		
133	95.9	48.1	144.3	
119	63.2	31.6	94.7	





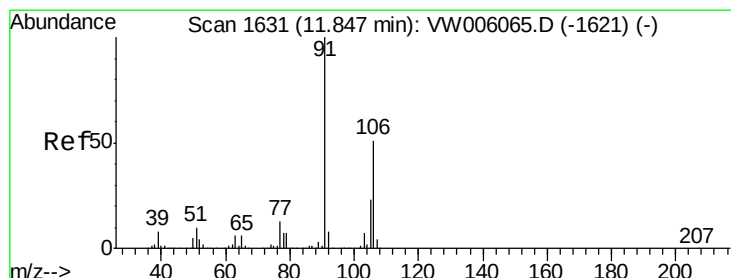
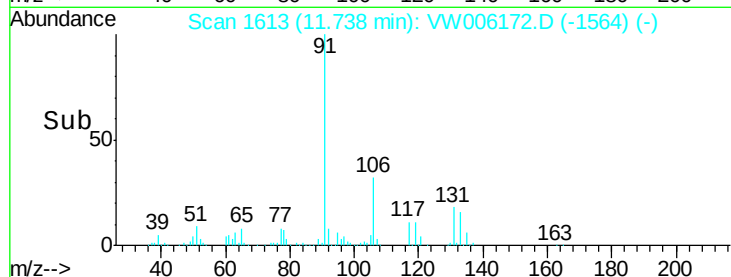
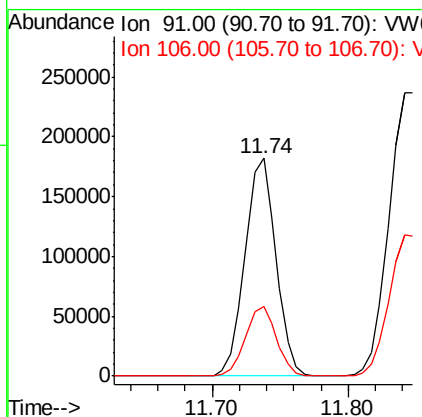
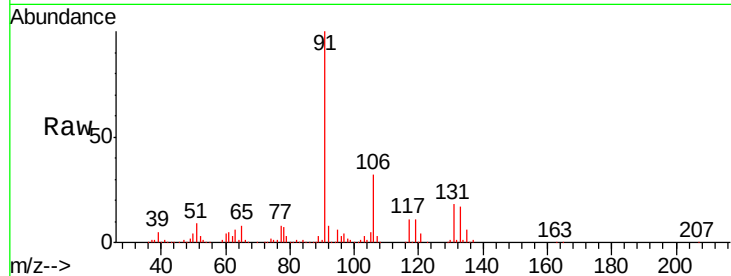
#67
Ethyl Benzene
Concen: 21.84 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW006172.D
Acq: 18 Oct 2018 13:44

Instrument :
MSVOA_W
ClientSampleId :
VW1018SBS01

Tgt Ion: 91 Resp: 290496
Ion Ratio Lower Upper
91 100
106 31.8 26.1 39.1

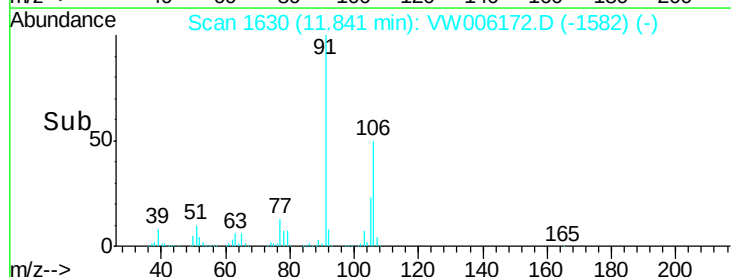
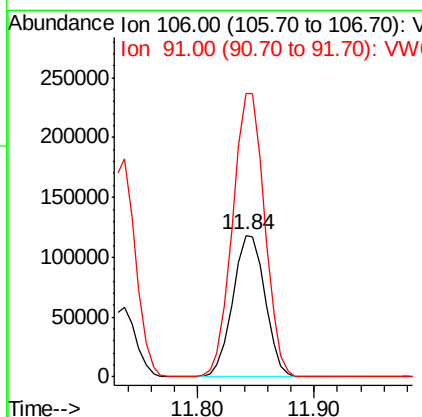
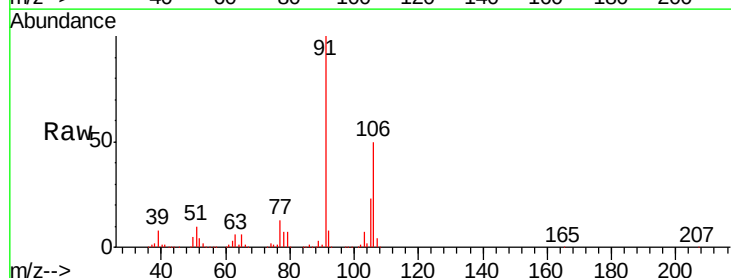
Manual Integrations
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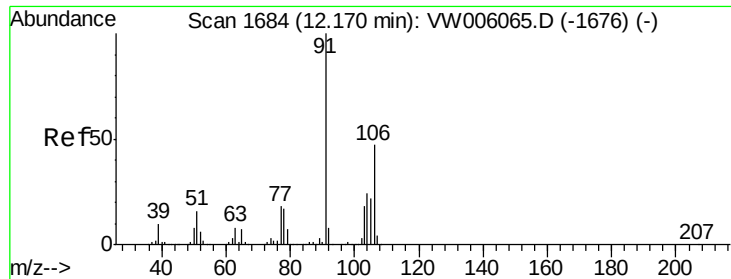
apatel
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#68
m/p-Xylenes
Concen: 43.51 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW006172.D
Acq: 18 Oct 2018 13:44

Tgt Ion: 106 Resp: 228783
Ion Ratio Lower Upper
106 100
91 199.1 159.1 238.7





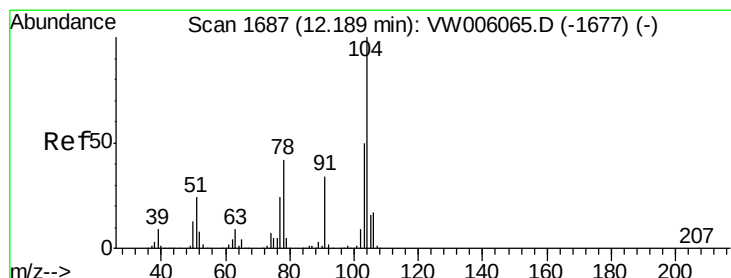
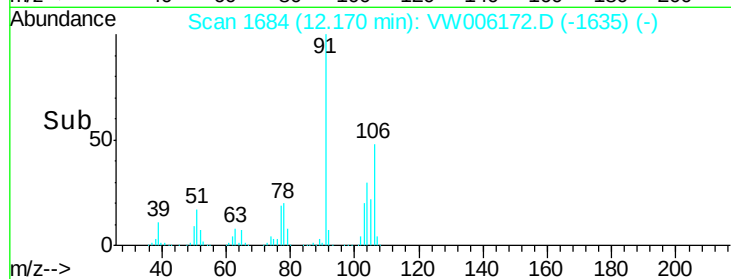
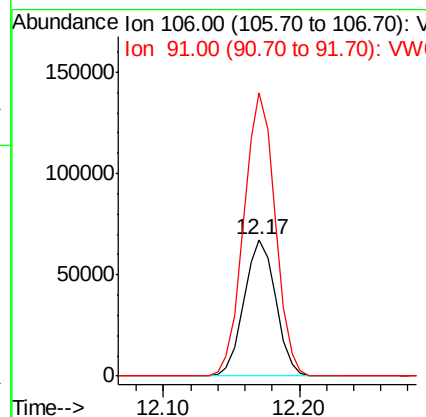
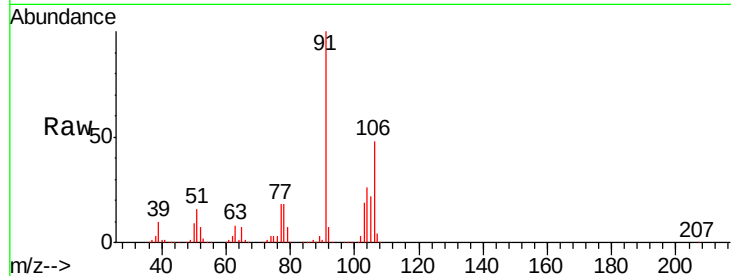
#69
o-Xylene
Concen: 21.76 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006172.D
Acq: 18 Oct 2018 13:44

Instrument :
MSVOA_W
ClientSampleId :
VW1018SBS01

Tgt Ion:106 Resp: 109056
Ion Ratio Lower Upper
106 100
91 206.6 105.4 316.1

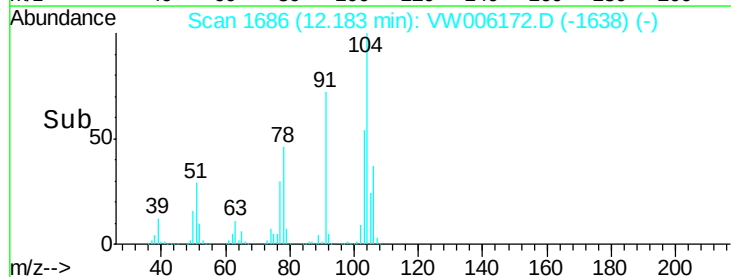
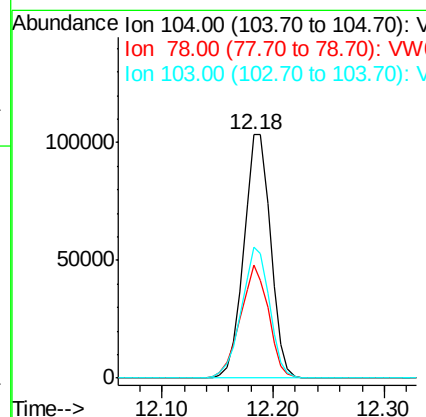
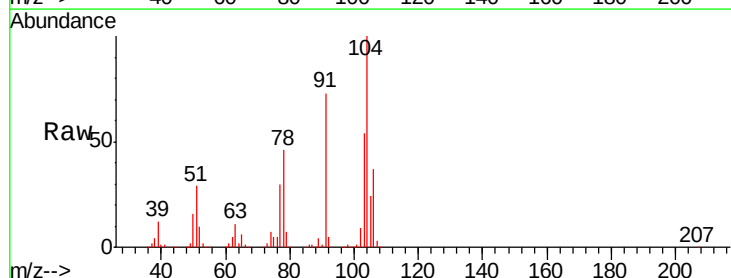
Manual Integrations
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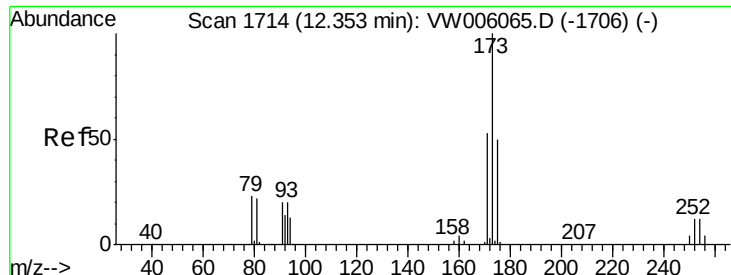
apatel
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#70
Styrene
Concen: 21.18 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.01 min
Lab File: VW006172.D
Acq: 18 Oct 2018 13:44

Tgt Ion:104 Resp: 172572
Ion Ratio Lower Upper
104 100
78 48.4 39.1 58.7
103 56.0 44.3 66.5





#71

Bromoform

Concen: 16.94 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW006172.D

Acq: 18 Oct 2018 13:44

Instrument :

MSVOA_W

ClientSampleId :

VW1018SBS01

Tgt Ion:173 Resp: 25776

Ion Ratio Lower Upper

173 100

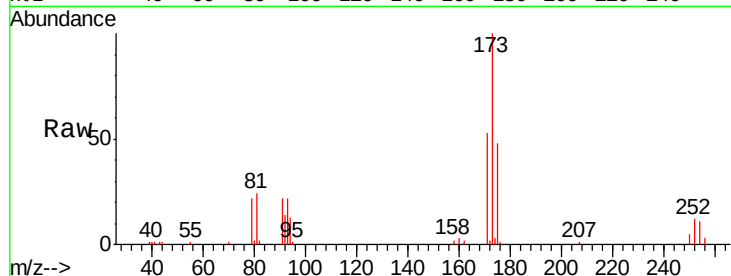
175 49.5 24.2 72.6

254 0.0 0.1 0.1#

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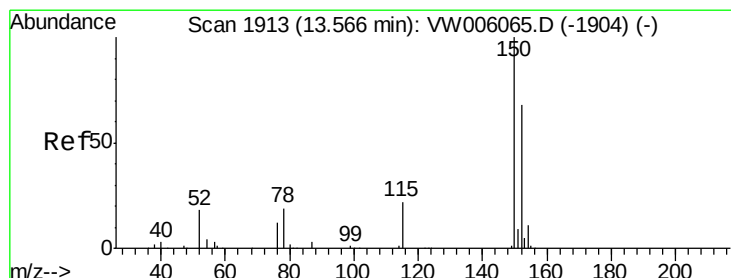
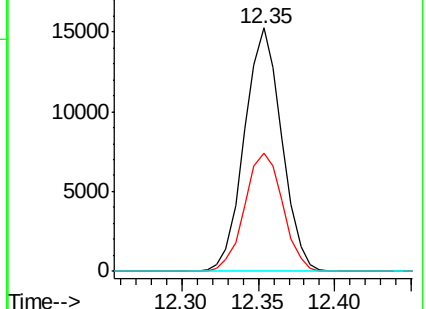
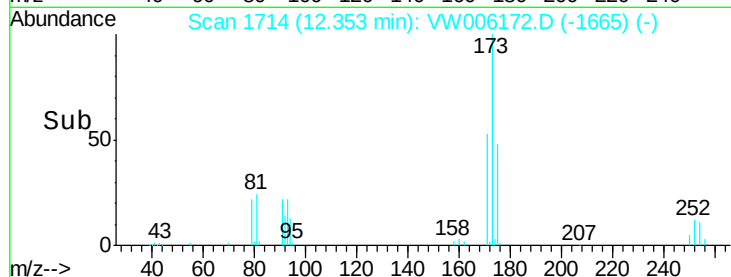
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Abundance Ion 172.70 (172.40 to 173.40): V

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# 1913

Delta R.T. 0.00 min

Lab File: VW006172.D

Acq: 18 Oct 2018 13:44

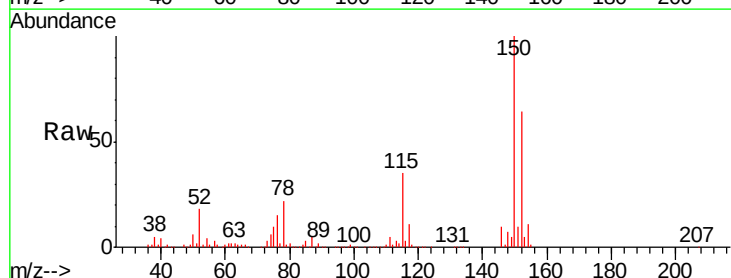
Tgt Ion:152 Resp: 199132

Ion Ratio Lower Upper

152 100

115 54.7 27.8 83.3

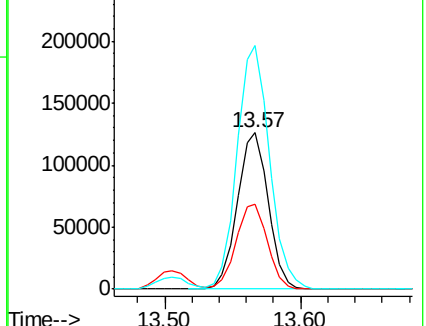
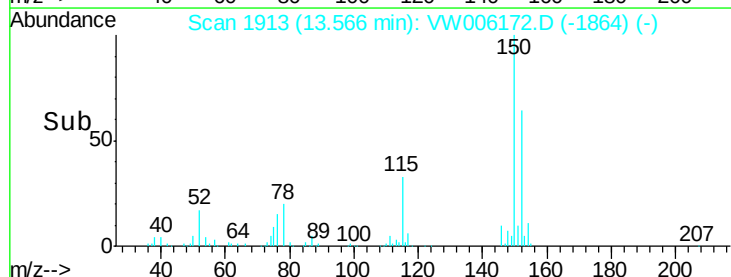
150 164.2 0.0 349.2

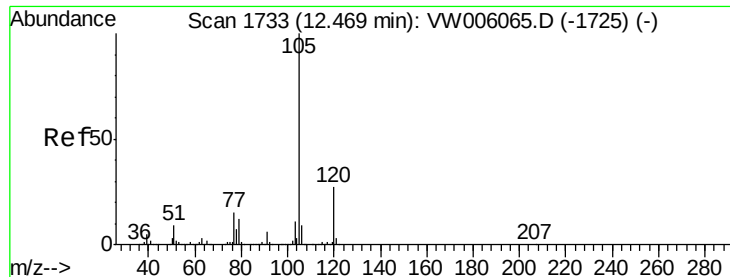


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.98 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW006172.D

Acq: 18 Oct 2018 13:44

Instrument :

MSVOA_W

ClientSampleId :

VW1018SBS01

Tgt Ion: 105 Resp: 309221

Ion Ratio Lower Upper

105 100

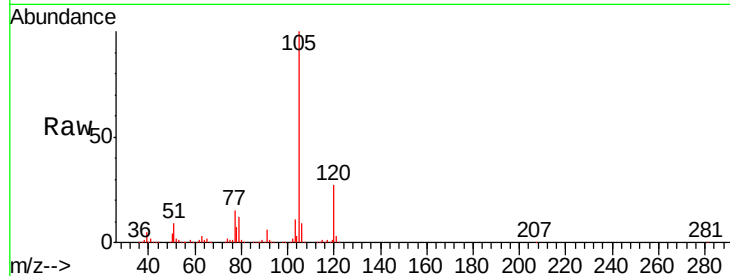
120 26.9 13.6 40.7

Manual Integrations

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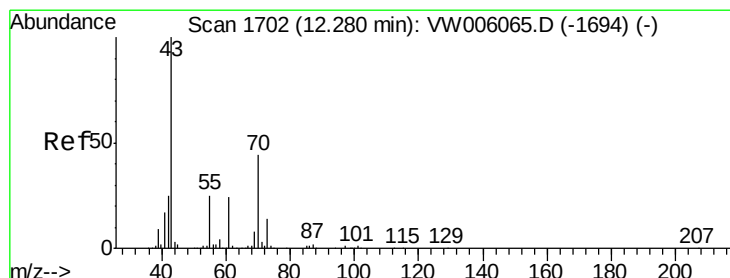
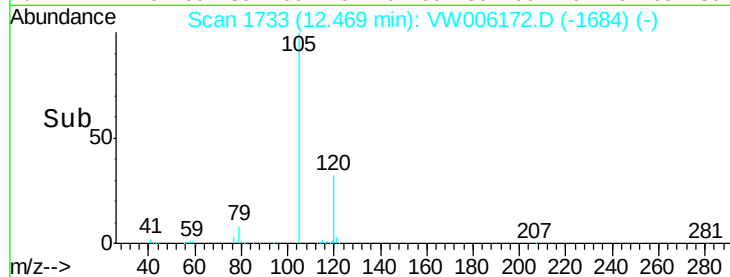
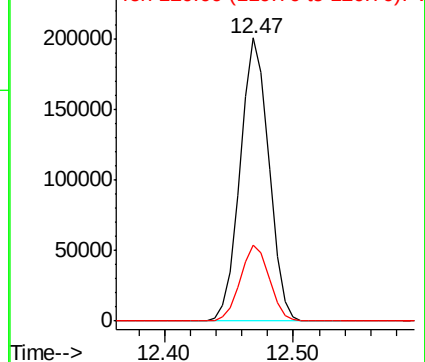
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.00 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VW006172.D

Acq: 18 Oct 2018 13:44

Tgt Ion: 43 Resp: 49194

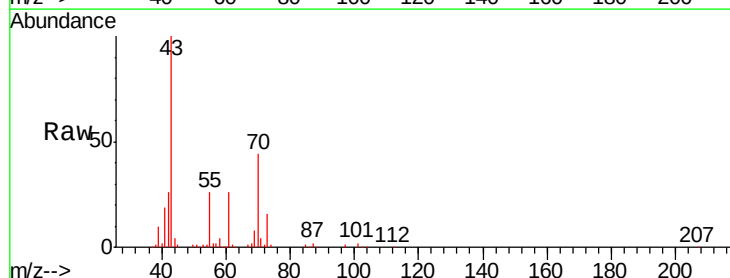
Ion Ratio Lower Upper

43 100

70 44.5 34.2 51.4

55 24.7 19.2 28.8

61 24.8 19.0 28.6

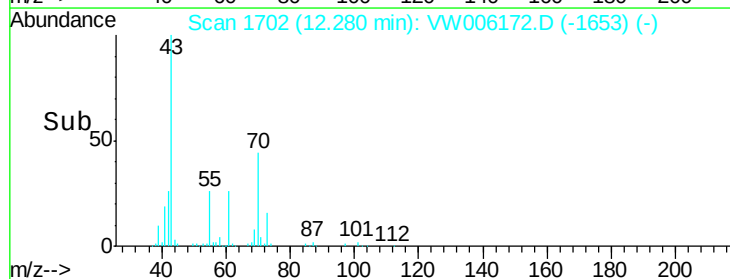
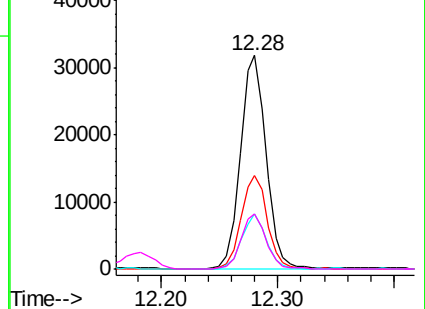


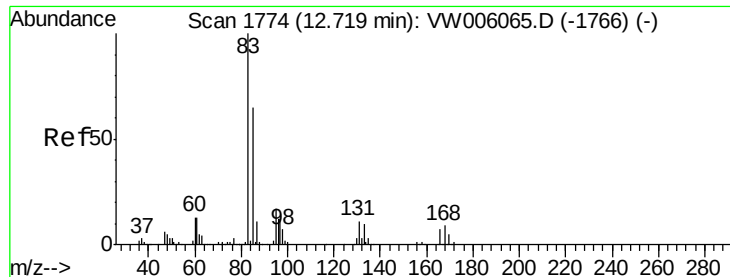
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV





#75

1,1,2,2-Tetrachloroethane

Concen: 19.63 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006172.D

Acq: 18 Oct 2018 13:44

Instrument :

MSVOA_W

ClientSampleId :

VW1018SBS01

Tgt Ion: 83 Resp: 42007
Ion Ratio Lower Upper

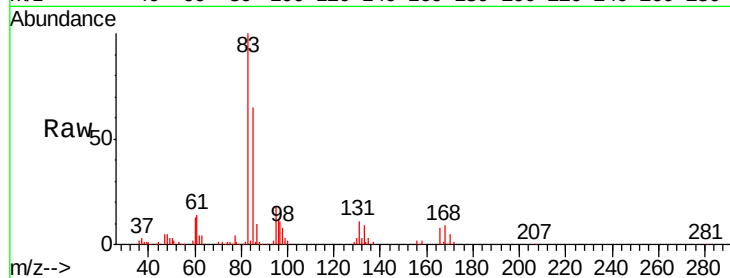
83 100

131 12.2 5.9 17.7

85 65.2 31.9 95.9

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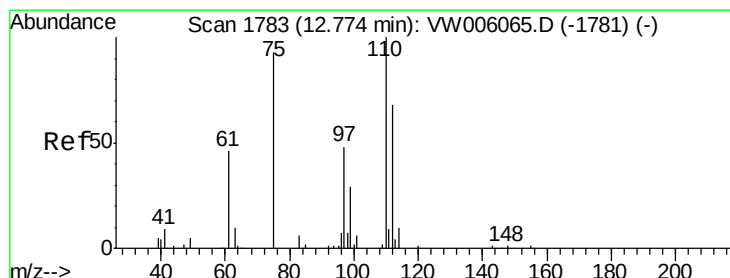
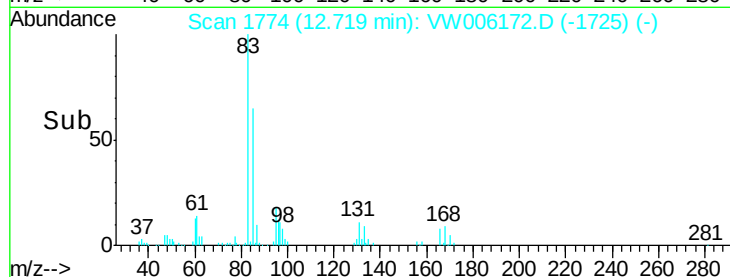
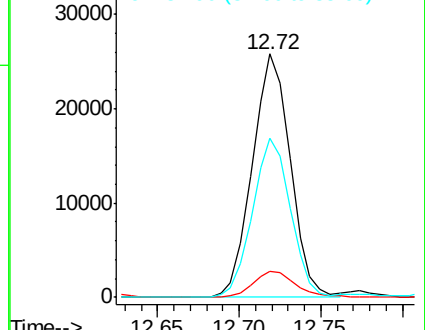
apatel
10/19/2018 12:42:13 PM



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 18.00 ug/l m

RT: 12.77 min Scan# 1783

Delta R.T. 0.00 min

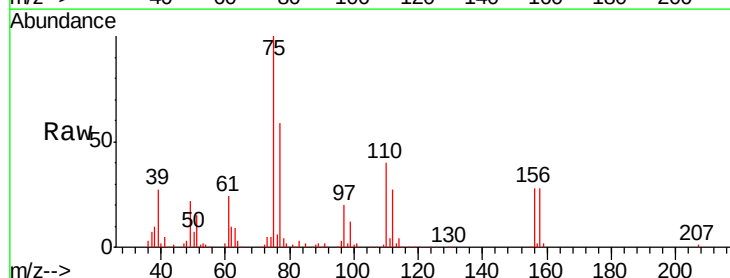
Lab File: VW006172.D

Acq: 18 Oct 2018 13:44

Tgt Ion: 75 Resp: 27384
Ion Ratio Lower Upper

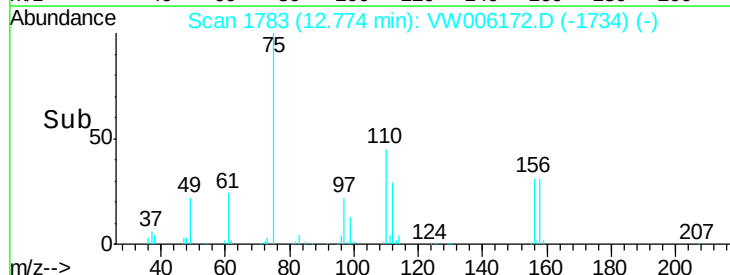
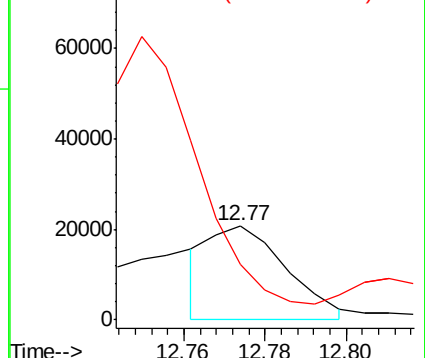
75 100

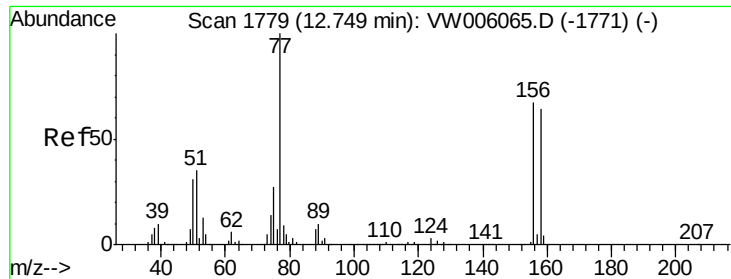
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 21.46 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW006172.D

Acq: 18 Oct 2018 13:44

Instrument :

MSVOA_W

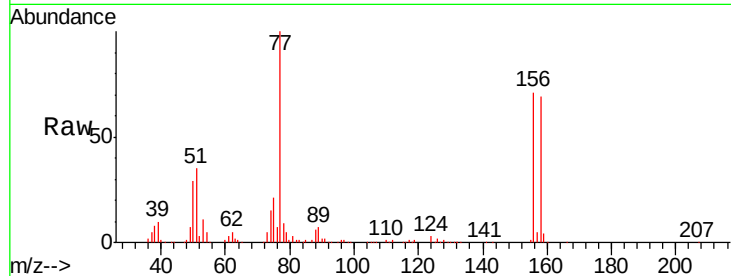
ClientSampleId :

VW1018SBS01

Tgt Ion	Ratio	Lower	Upper
156	100		
77	153.6	79.1	237.4
158	96.0	48.5	145.6

Manual Integrations
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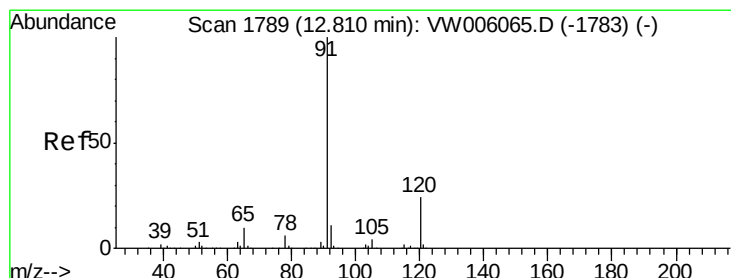
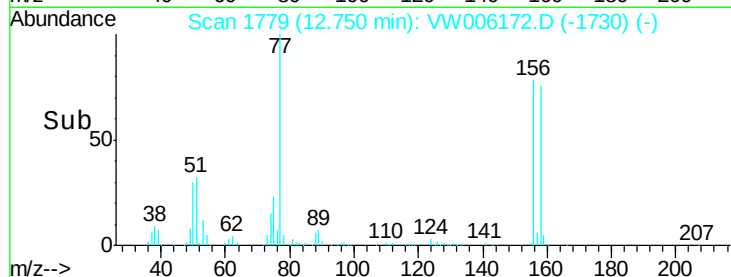
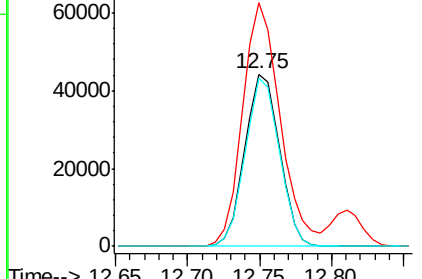
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.99 ug/l

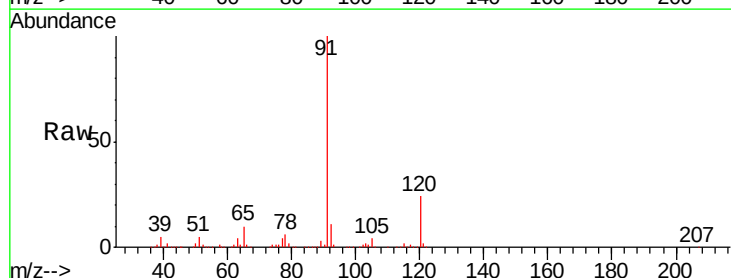
RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW006172.D

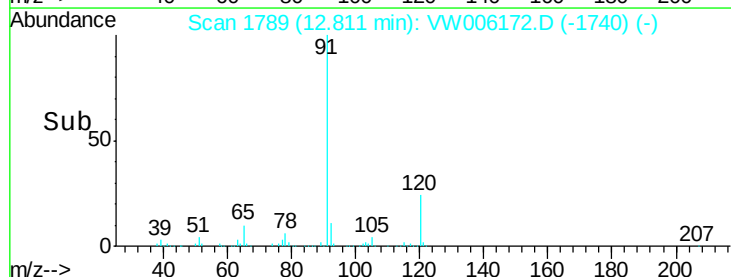
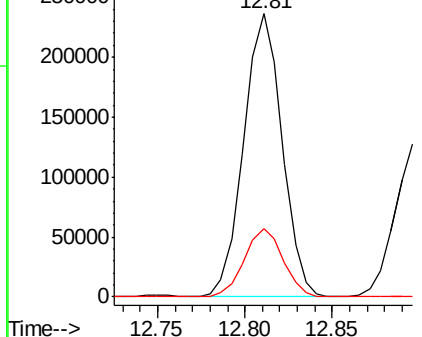
Acq: 18 Oct 2018 13:44

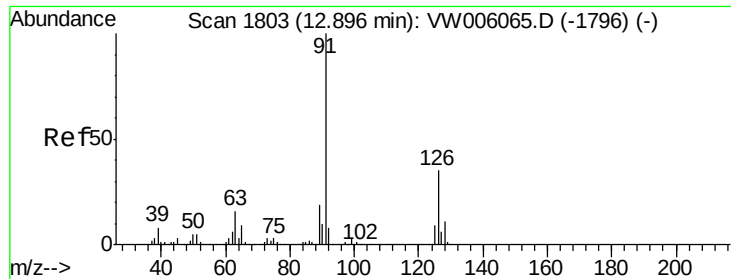
Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.3	12.2	36.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





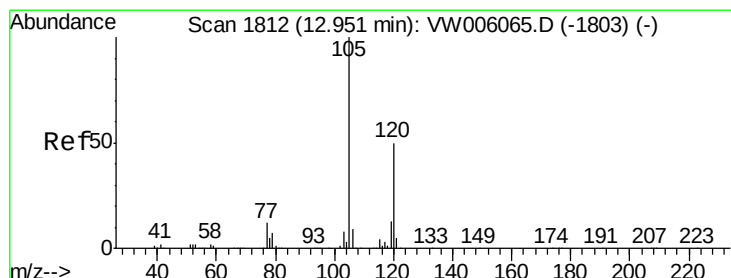
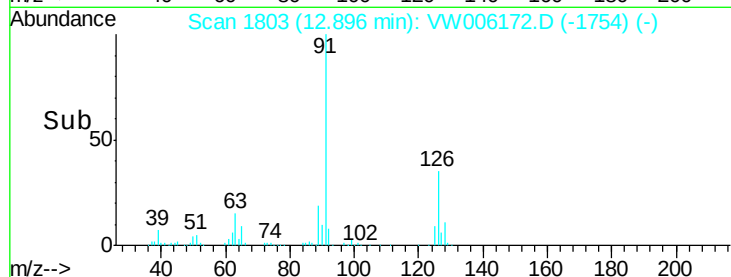
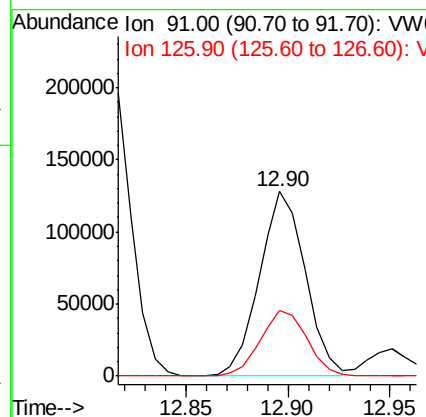
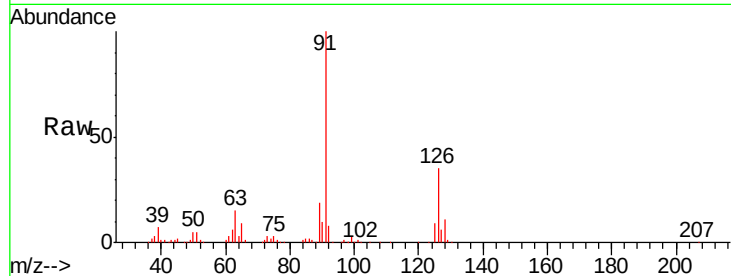
#79
2-Chlorotoluene
Concen: 21.76 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VW006172.D
Acq: 18 Oct 2018 13:44

Instrument :
MSVOA_W
ClientSampleId :
VW1018SBS01

Tgt Ion: 91 Resp: 200122
Ion Ratio Lower Upper
91 100
126 36.4 17.9 53.8

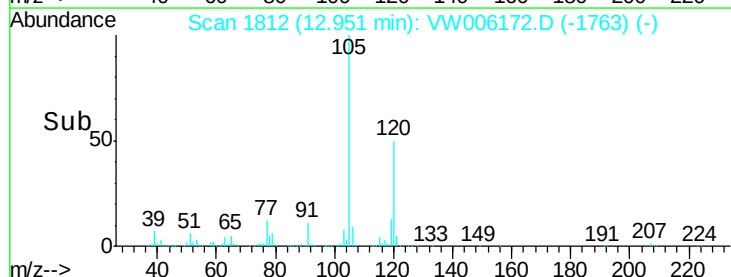
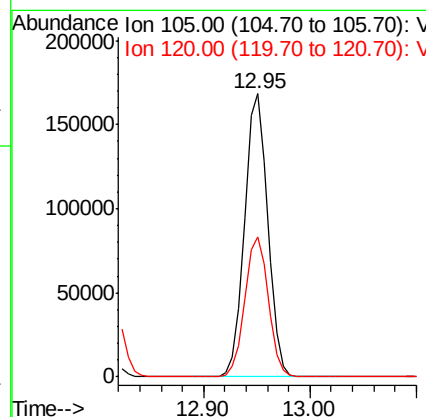
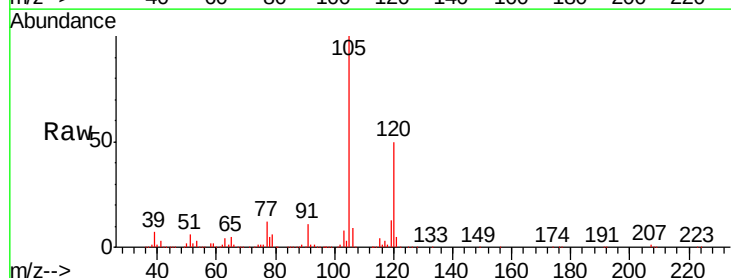
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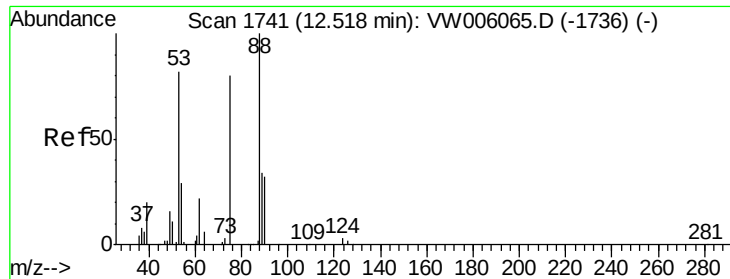
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#80
1,3,5-Trimethylbenzene
Concen: 21.81 ug/l
RT: 12.95 min Scan# 1812
Delta R.T. 0.00 min
Lab File: VW006172.D
Acq: 18 Oct 2018 13:44

Tgt Ion: 105 Resp: 258624
Ion Ratio Lower Upper
105 100
120 50.1 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 15.93 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VW006172.D

Acq: 18 Oct 2018 13:44

Instrument :

MSVOA_W

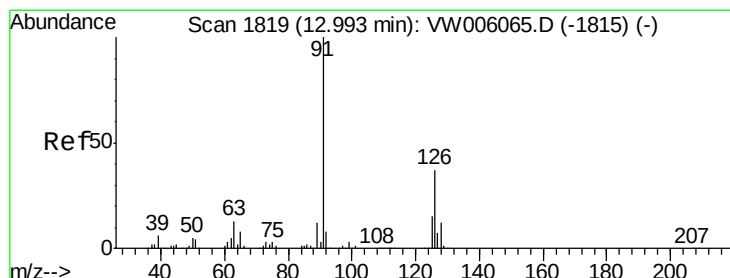
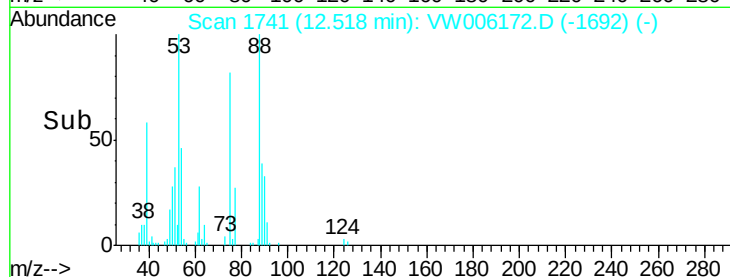
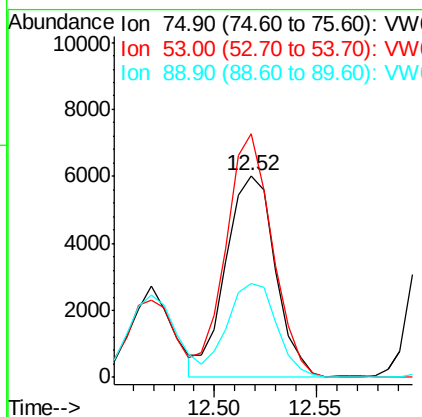
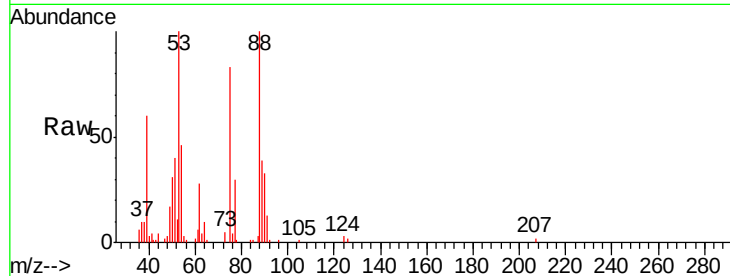
ClientSampleId :

VW1018SBS01

Tgt Ion:	75	Resp:	10136
Ion	Ratio	Lower	Upper
75	100		
53	113.2	79.8	119.6
89	46.2	37.5	56.3

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#82

4-Chlorotoluene

Concen: 21.88 ug/l

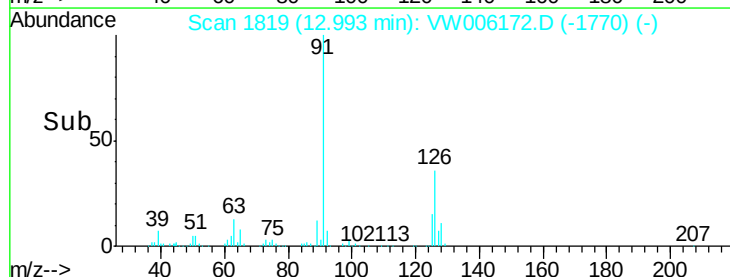
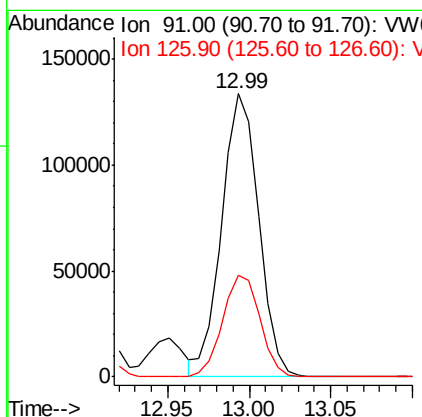
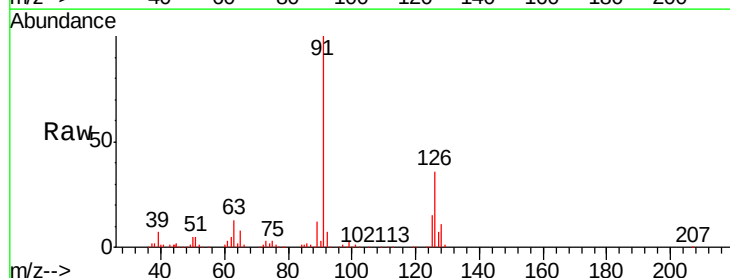
RT: 12.99 min Scan# 1819

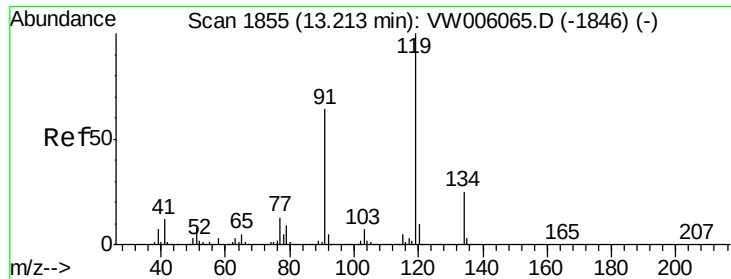
Delta R.T. 0.00 min

Lab File: VW006172.D

Acq: 18 Oct 2018 13:44

Tgt Ion:	91	Resp:	210805
Ion	Ratio	Lower	Upper
91	100		
126	36.3	18.1	54.3





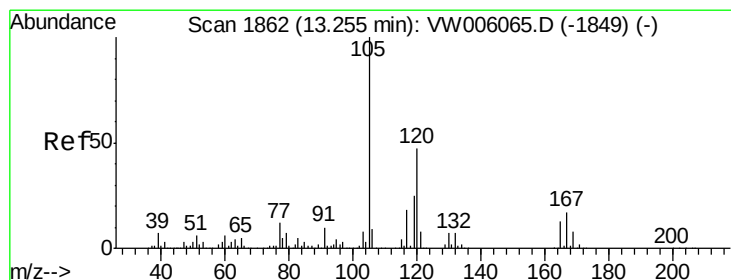
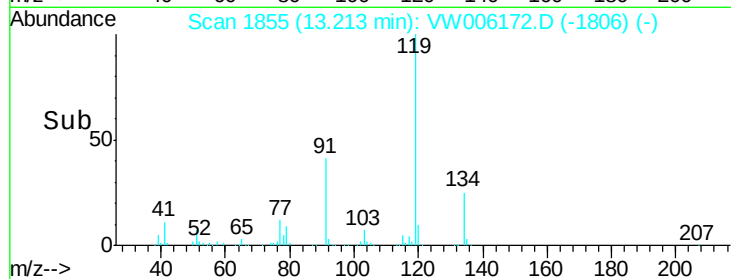
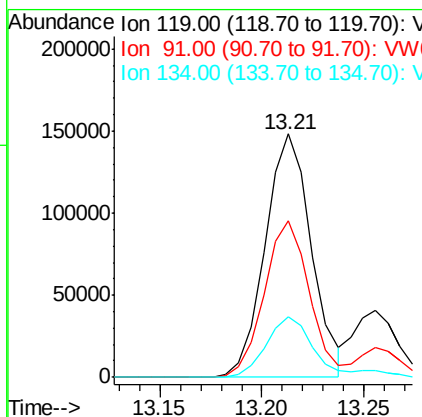
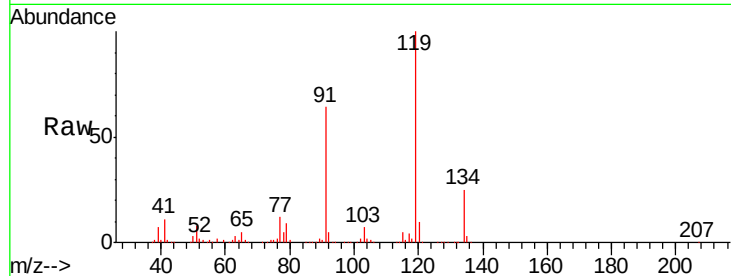
#83
 tert-Butylbenzene
 Concen: 22.03 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW006172.D
 Acq: 18 Oct 2018 13:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1018SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	233766		
91	62.6		32.3	96.9
134	24.9		13.6	40.8

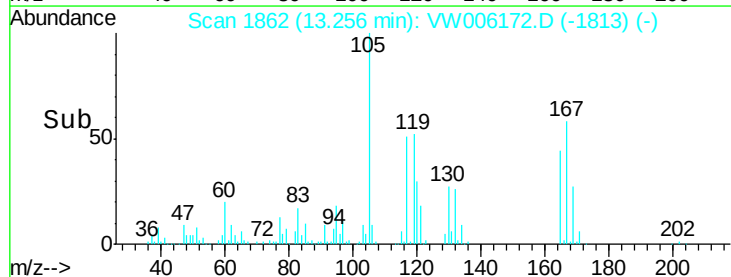
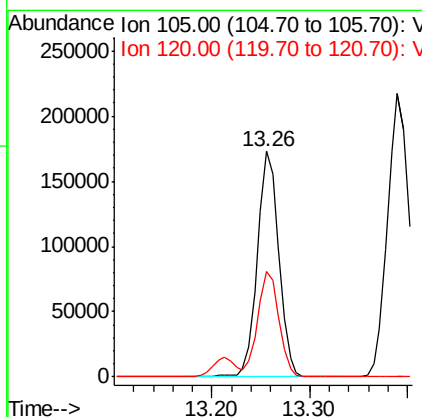
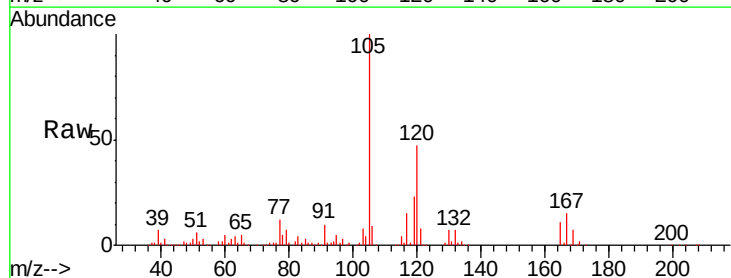
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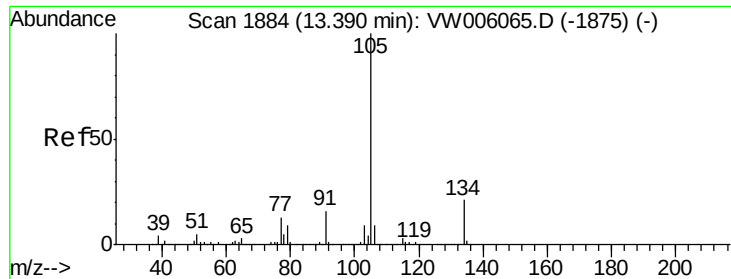
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#84
 1,2,4-Trimethylbenzene
 Concen: 21.95 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW006172.D
 Acq: 18 Oct 2018 13:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	263429		
120	46.1		23.1	69.3





#85

sec-Butylbenzene

Concen: 22.13 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW006172.D

Acq: 18 Oct 2018 13:44

Instrument :

MSVOA_W

ClientSampleId :

VW1018SBS01

Tgt Ion:105 Resp: 331744

Ion Ratio Lower Upper

105 100

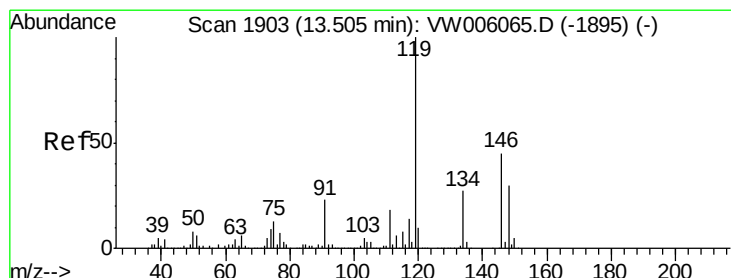
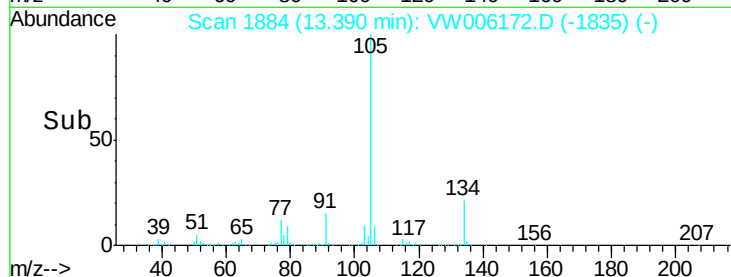
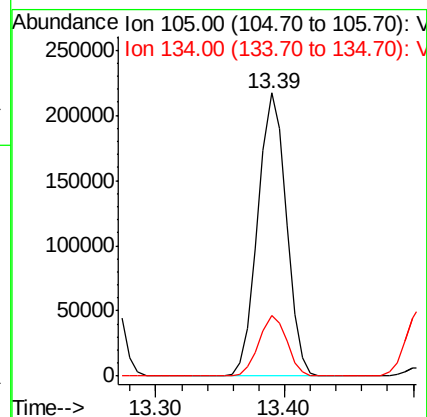
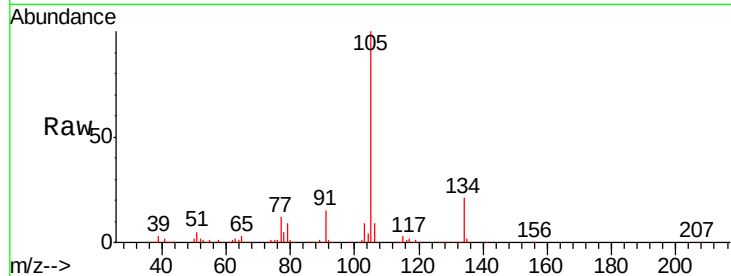
134 21.1 10.5 31.6

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#86

p-Isopropyltoluene

Concen: 22.16 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006172.D

Acq: 18 Oct 2018 13:44

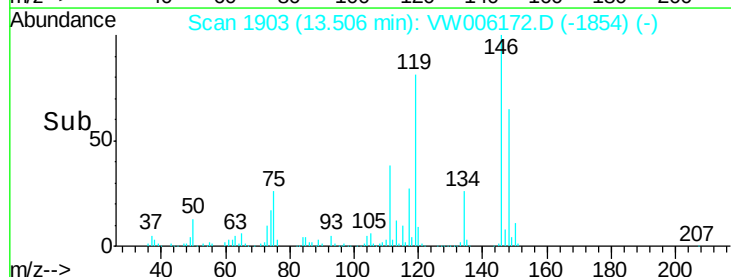
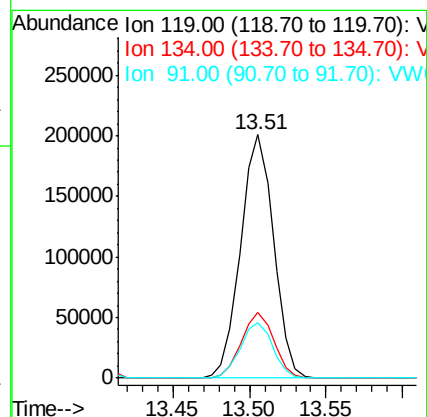
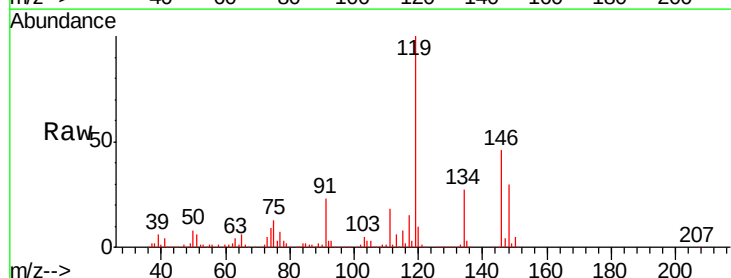
Tgt Ion:119 Resp: 300421

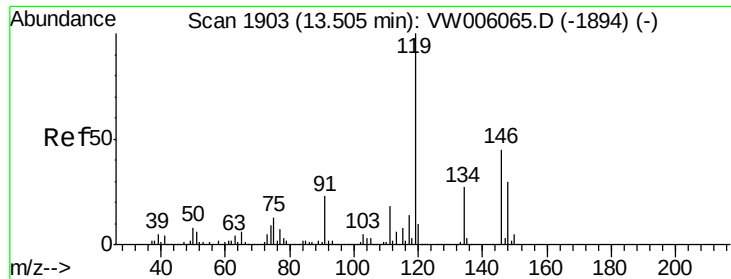
Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.2

91 22.7 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 21.73 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006172.D

Acq: 18 Oct 2018 13:44

Instrument :

MSVOA_W

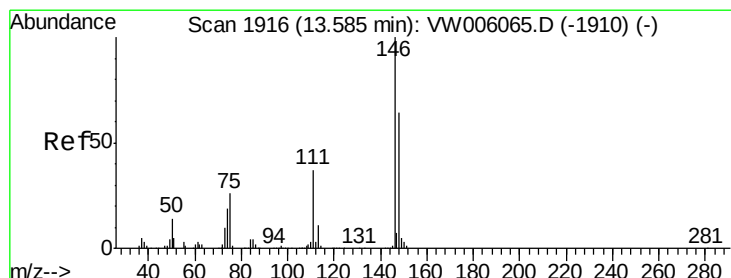
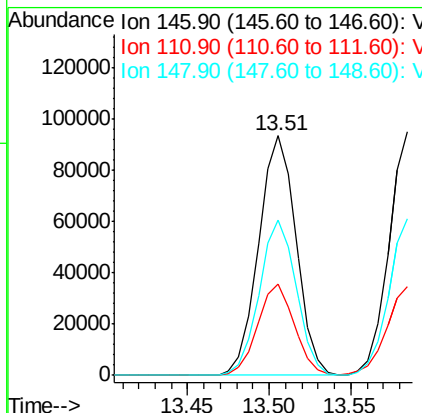
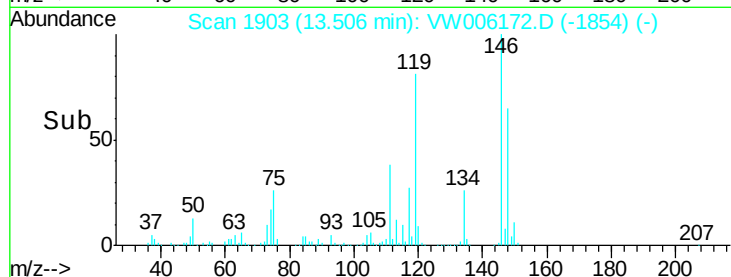
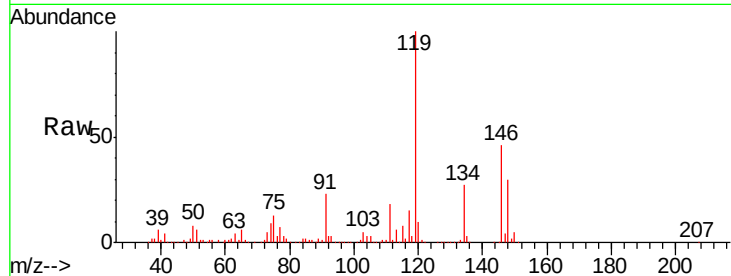
ClientSampleId :

VW1018SBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	19.1	57.5
148	64.2	32.0	96.2

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#88

1,4-Dichlorobenzene

Concen: 21.63 ug/l

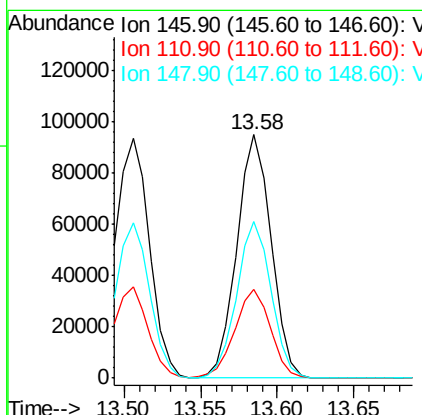
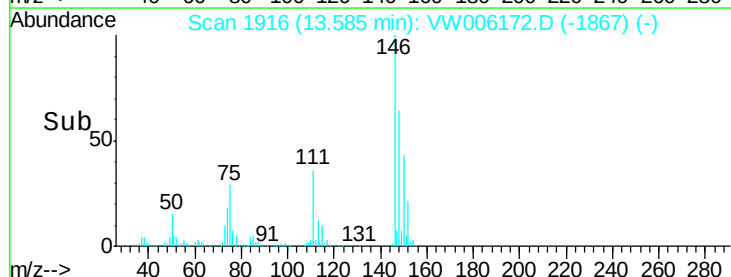
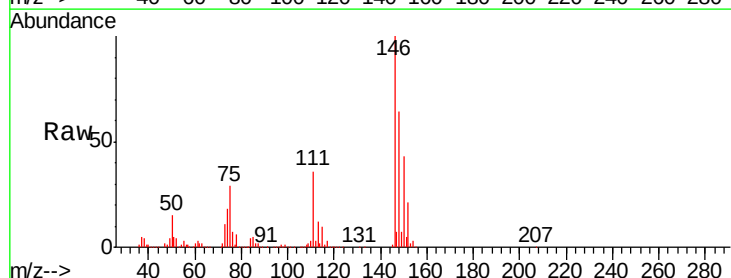
RT: 13.58 min Scan# 1916

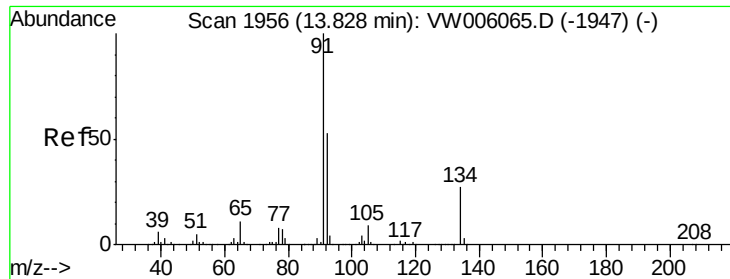
Delta R.T. 0.00 min

Lab File: VW006172.D

Acq: 18 Oct 2018 13:44

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.6	56.0
148	64.7	32.1	96.5





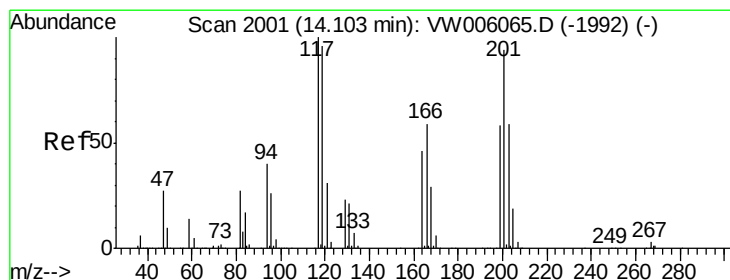
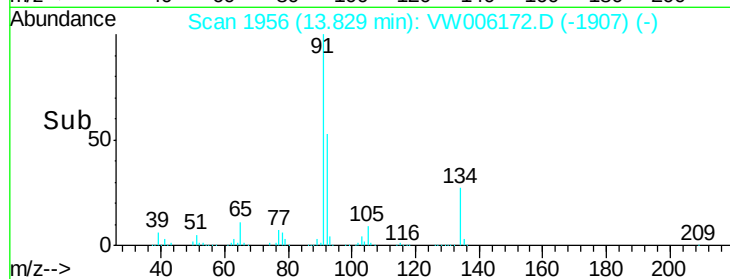
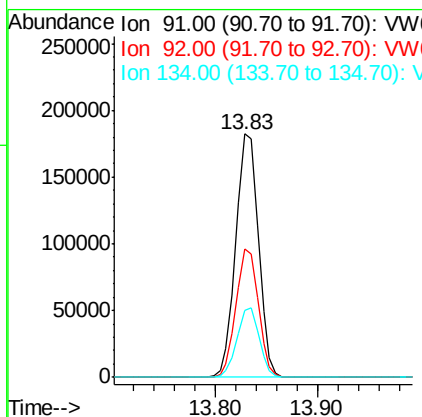
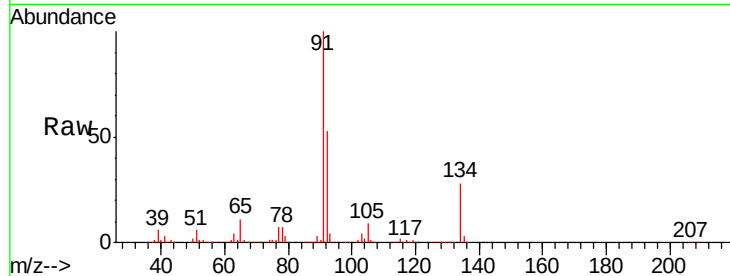
#89
n-Butylbenzene
Concen: 22.49 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW006172.D
Acq: 18 Oct 2018 13:44

Instrument :
MSVOA_W
ClientSampleId :
VW1018SBS01

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.1	26.6	79.7
134	28.0	14.0	41.9

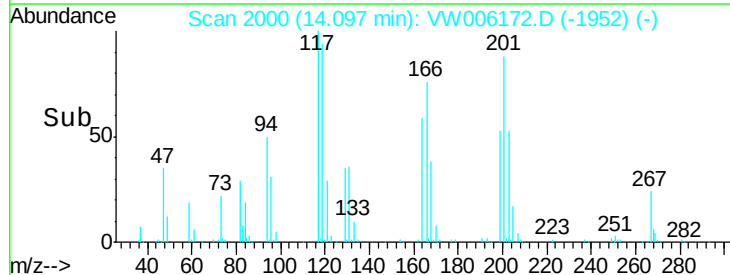
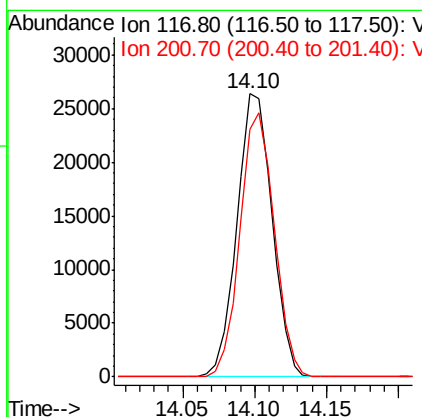
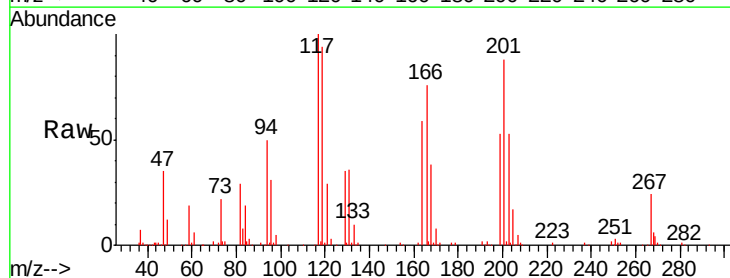
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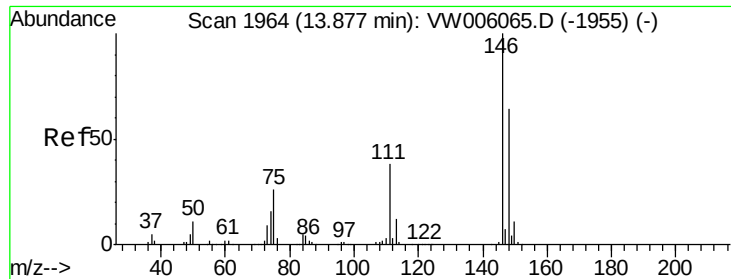
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#90
Hexachloroethane
Concen: 19.46 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.01 min
Lab File: VW006172.D
Acq: 18 Oct 2018 13:44

Tgt Ion	Ratio	Lower	Upper
117	100		
201	90.7	45.3	135.9





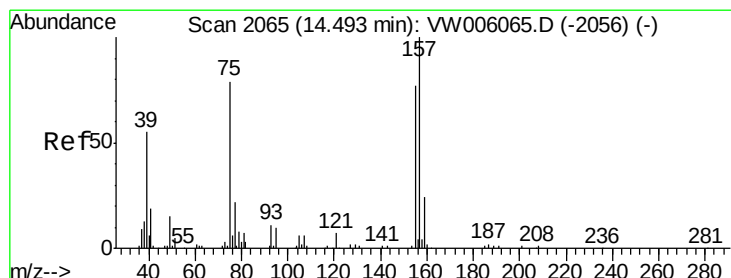
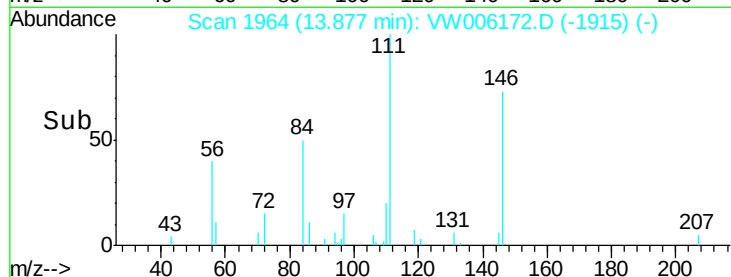
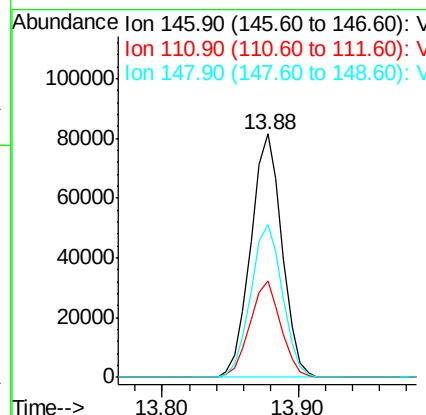
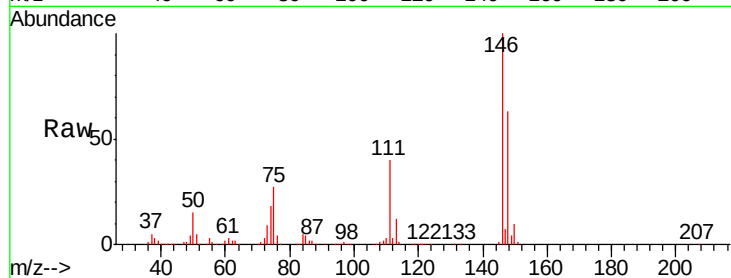
#91
 1,2-Dichlorobenzene
 Concen: 21.51 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW006172.D
 Acq: 18 Oct 2018 13:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1018SBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.6	58.7
148	63.7	32.2	96.6

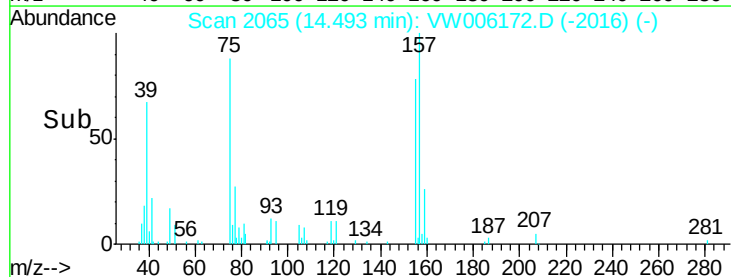
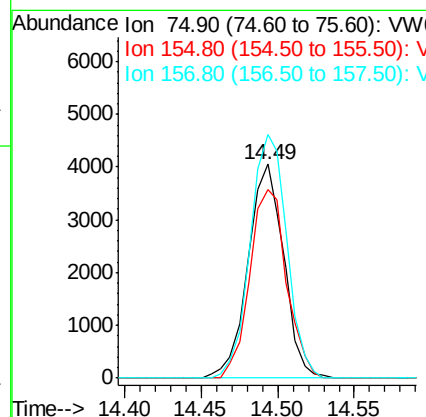
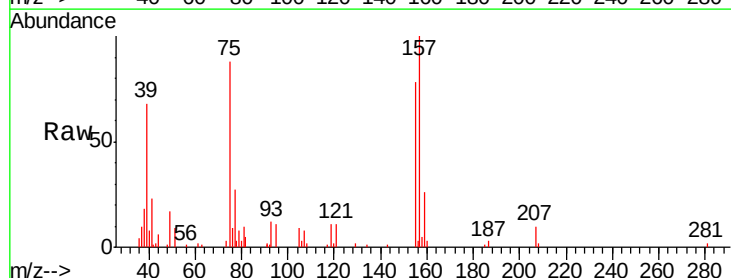
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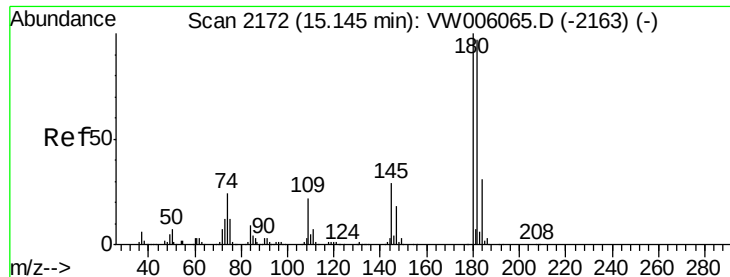
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.17 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW006172.D
 Acq: 18 Oct 2018 13:44

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.8	46.5	139.5
157	116.8	59.8	179.4





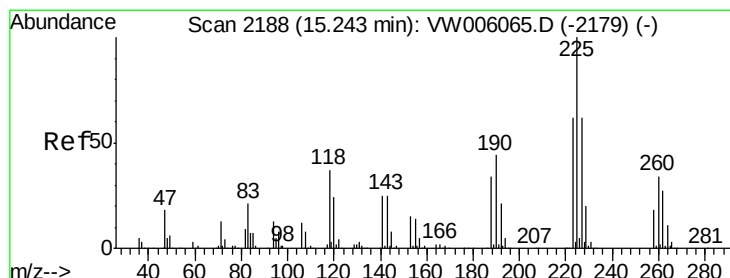
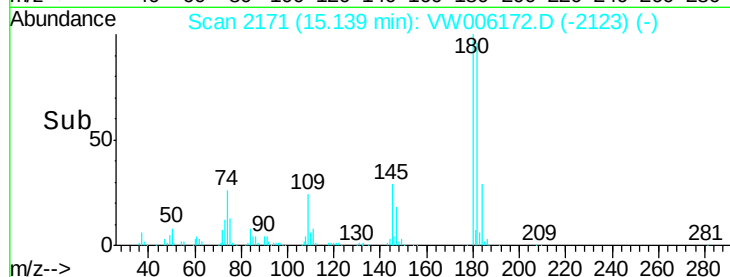
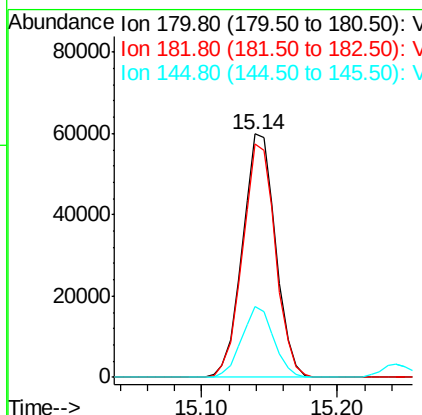
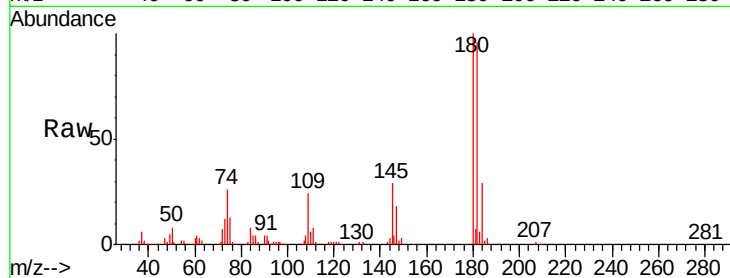
#93
 1,2,4-Trichlorobenzene
 Concen: 21.66 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: VW006172.D
 Acq: 18 Oct 2018 13:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1018SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	101940		
182	94.7	47.9	143.6	
145	28.1	14.2	42.8	

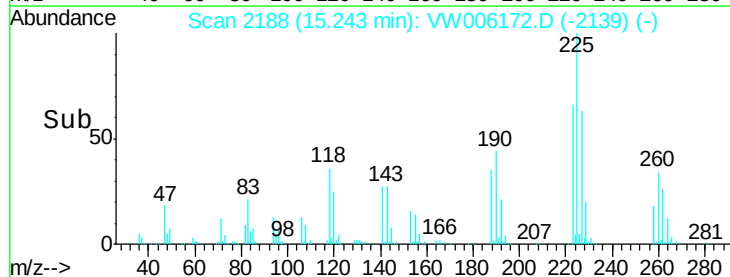
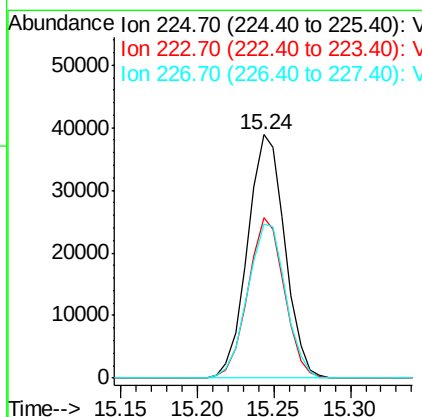
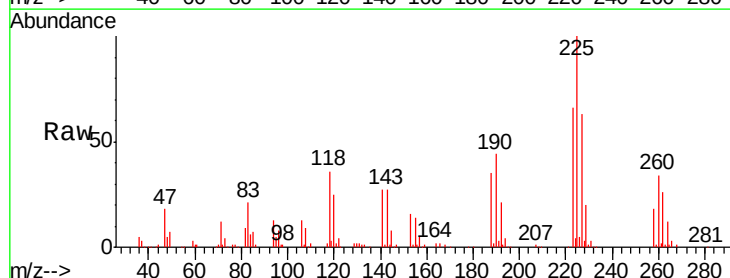
Manual Integrations
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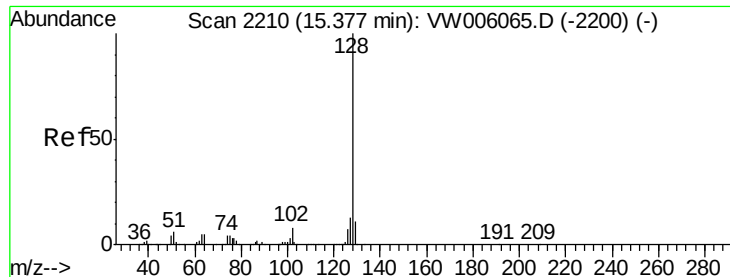
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#94
 Hexachlorobutadiene
 Concen: 22.24 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW006172.D
 Acq: 18 Oct 2018 13:44

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	65750		
223	64.1	31.1	93.5	
227	64.7	32.4	97.0	





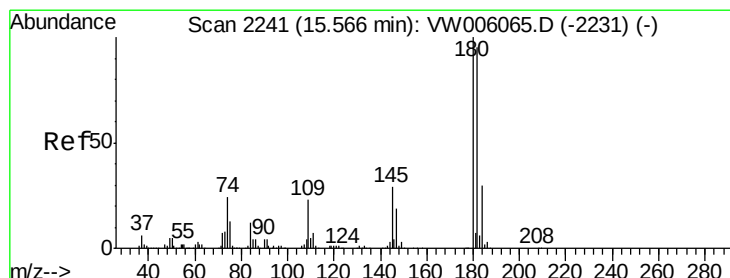
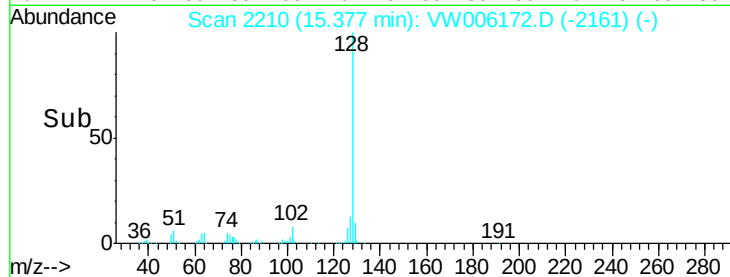
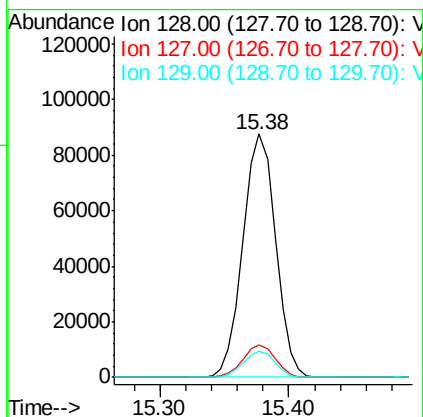
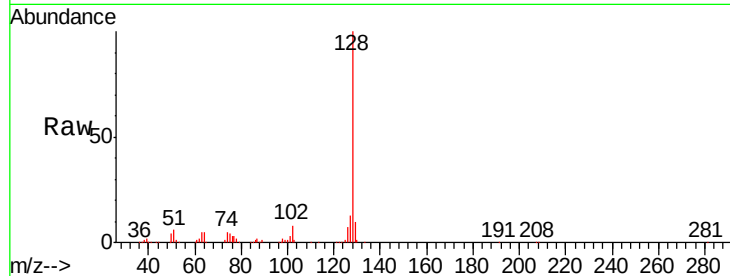
#95
Naphthalene
Concen: 19.67 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006172.D
Acq: 18 Oct 2018 13:44

Instrument :
MSVOA_W
ClientSampleId :
VW1018SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	154034		
127	13.3	10.3	15.5	
129	10.5	8.7	13.1	

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 21.15 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006172.D
Acq: 18 Oct 2018 13:44

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	86120		
182	96.3	47.8	143.3	
145	30.6	15.0	45.1	

