

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101718\
 Data File : VW006123.D
 Acq On : 17 Oct 2018 13:53
 Operator : VA/AP
 Sample : VW1017SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1017SBS01

Manual Integrations
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 10/18/2018 11:04:29 AM

Quant Time: Oct 17 15:17:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 16 05:36:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	294045	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	412384	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	372060	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	209365	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	119857	49.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.34%	
35) Dibromofluoromethane	7.89	113	122716	50.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.72%	
50) Toluene-d8	10.33	98	470302	50.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.46%	
62) 4-Bromofluorobenzene	12.62	95	179767	51.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	26957	18.526	ug/l	99
3) Chloromethane	2.22	50	32515	17.359	ug/l	97
4) Vinyl Chloride	2.37	62	51466	19.240	ug/l	99
5) Bromomethane	2.78	94	44719	18.381	ug/l	99
6) Chloroethane	2.93	64	34973	18.244	ug/l	92
7) Trichlorofluoromethane	3.26	101	51641	20.724	ug/l	100
8) Diethyl Ether	3.68	74	25464	19.228	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	54167	20.742	ug/l	99
10) Methyl Iodide	4.27	142	89807	20.662	ug/l	99
11) Tert butyl alcohol	5.17	59	18782	114.558	ug/l	99
12) 1,1-Dichloroethene	4.03	96	50236	20.447	ug/l	93
13) Acrolein	3.89	56	17977	113.315	ug/l	95
14) Allyl chloride	4.67	41	70563	20.087	ug/l	99
15) Acrylonitrile	5.37	53	50173	105.627	ug/l	99
16) Acetone	4.12	43	61715	127.699	ug/l	100
17) Carbon Disulfide	4.38	76	140367	18.930	ug/l	98
18) Methyl Acetate	4.67	43	24739	20.165	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	78393	20.949	ug/l	95
20) Methylene Chloride	4.92	84	56412	20.923	ug/l	94
21) trans-1,2-Dichloroethene	5.43	96	55446	20.219	ug/l	95
22) Diisopropyl ether	6.32	45	142665	20.551	ug/l	99
23) Vinyl Acetate	6.26	43	412331	100.646	ug/l	100
24) 1,1-Dichloroethane	6.22	63	91206	20.361	ug/l	97
25) 2-Butanone	7.18	43	75780	115.068	ug/l	97
26) 2,2-Dichloropropane	7.17	77	67878	21.485	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	61867	20.444	ug/l	97
28) Bromochloromethane	7.52	49	30464	17.616	ug/l	98
29) Tetrahydrofuran	7.54	42	42188	104.218	ug/l	100
30) Chloroform	7.68	83	98300	20.142	ug/l	99
31) Cyclohexane	7.96	56	90328	20.249	ug/l	96
32) 1,1,1-Trichloroethane	7.88	97	91190	20.714	ug/l	99
36) 1,1-Dichloropropene	8.09	75	80884	21.279	ug/l	100
37) Ethyl Acetate	7.26	43	29576	20.943	ug/l	99
38) Carbon Tetrachloride	8.07	117	86165	20.679	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	106763	21.130	ug/l	98
40) Benzene	8.33	78	218538	20.960	ug/l	100
41) Methacrylonitrile	7.49	41	17310	20.333	ug/l	95
42) 1,2-Dichloroethane	8.40	62	65126	21.260	ug/l	100
43) Isopropyl Acetate	8.43	43	59071	20.457	ug/l	99
44) Trichloroethene	9.10	130	68410	21.386	ug/l	99
45) 1,2-Dichloropropane	9.37	63	51710	20.726	ug/l	99
46) Dibromomethane	9.46	93	29153	20.501	ug/l	98
47) Bromodichloromethane	9.65	83	68746	19.940	ug/l	99
48) Methyl methacrylate	9.44	41	28344	20.708	ug/l	97
49) 1,4-Dioxane	9.45	88	9249	422.491	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	150632	104.118	ug/l	99
52) Toluene	10.39	92	146402	20.944	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	67765	19.728	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	79946	20.279	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	41365	20.787	ug/l	99
56) Ethyl methacrylate	10.65	69	50400	20.660	ug/l	99
57) 1,3-Dichloropropane	10.94	76	68497	20.793	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	88280	94.703	ug/l	98
59) 2-Hexanone	10.98	43	114438	110.810	ug/l	99
60) Dibromochloromethane	11.13	129	48935	19.742	ug/l	100
61) 1,2-Dibromoethane	11.24	107	41389	20.816	ug/l	100
64) Tetrachloroethene	10.87	164	61337	21.236	ug/l	98
65) Chlorobenzene	11.66	112	169173	21.240	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	58080	20.519	ug/l	99
67) Ethyl Benzene	11.74	91	296708	21.496	ug/l	98
68) m/p-Xylenes	11.85	106	232482	42.613	ug/l	99
69) o-Xylene	12.17	106	110609	21.273	ug/l	100
70) Styrene	12.19	104	176721	20.901	ug/l	99
71) Bromoform	12.35	173	30102	19.067	ug/l #	99
73) Isopropylbenzene	12.47	105	317077	21.437	ug/l	100
74) N-amyl acetate	12.28	43	58951	20.520	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	46706	20.762	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	32440m	20.286	ug/l	
77) Bromobenzene	12.76	156	76008	20.980	ug/l	99
78) n-propylbenzene	12.81	91	368576	21.419	ug/l	100
79) 2-Chlorotoluene	12.90	91	204689	21.171	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	265974	21.331	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	11826	17.678	ug/l	92
82) 4-Chlorotoluene	12.99	91	215633	21.291	ug/l	99
83) tert-Butylbenzene	13.21	119	238858	21.410	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	268795	21.303	ug/l	99
85) sec-Butylbenzene	13.39	105	339152	21.519	ug/l	100
86) p-Isopropyltoluene	13.51	119	308058	21.610	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	153178	21.245	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	151361	21.085	ug/l	99
89) n-Butylbenzene	13.83	91	284374	21.812	ug/l	99
90) Hexachloroethane	14.10	117	47908	19.840	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	135590	21.083	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8108	20.130	ug/l	98

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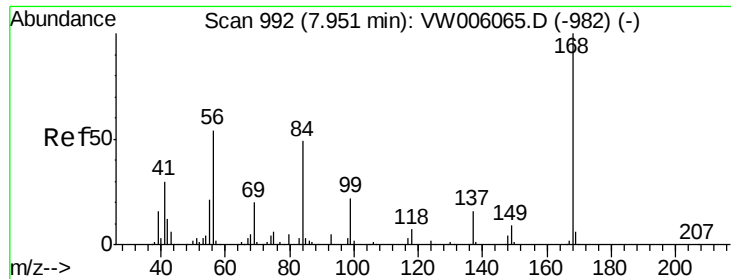
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	106052	21.431	ug/l	99
94) Hexachlorobutadiene	15.25	225	68550	22.052	ug/l	99
95) Naphthalene	15.38	128	173314	21.054	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	92430	21.595	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006123.D

Acq: 17 Oct 2018 13:53

Instrument :

MSVOA_W

ClientSampleId :

VW1017SBSD01

Tot Ion:168 Resp: 294045

Ion Ratio Lower Upper

168 100

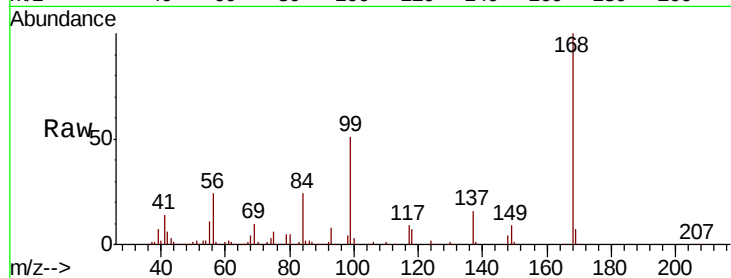
99 50.8 39.9 59.9

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Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

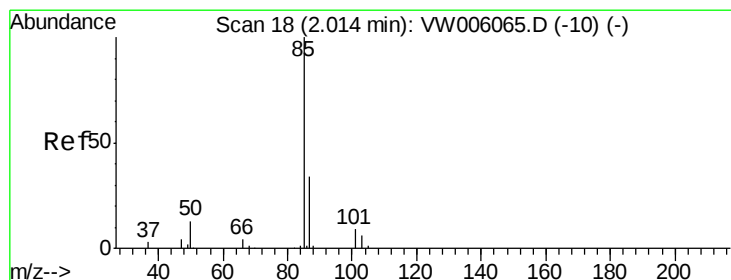
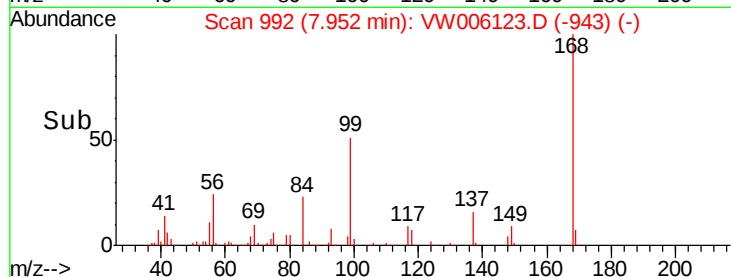
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50000

0

7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 18.526 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW006123.D

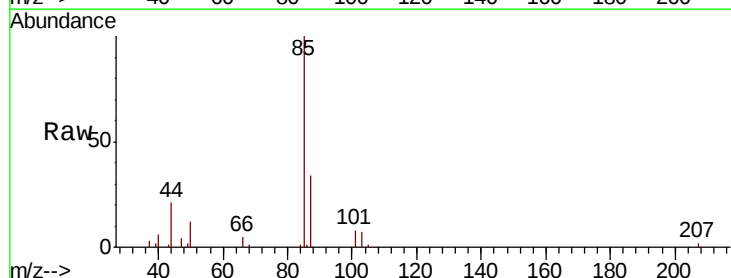
Acq: 17 Oct 2018 13:53

Tgt Ion: 85 Resp: 26957

Ion Ratio Lower Upper

85 100

87 34.4 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

8000

6000

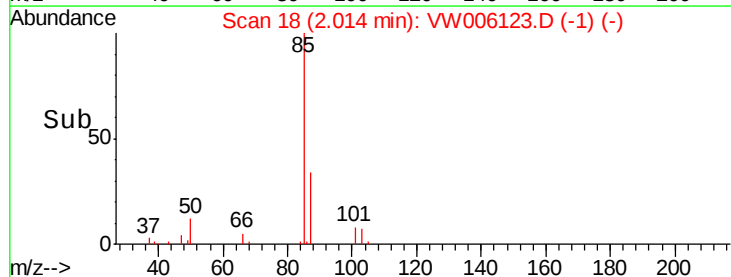
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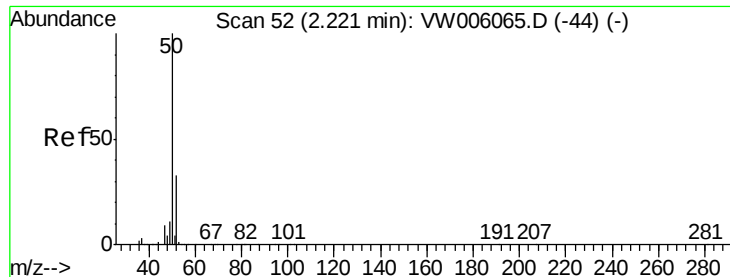
2000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 17.359 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.00 min

Lab File: VW006123.D

Acq: 17 Oct 2018 13:53

Instrument :

MSVOA_W

ClientSampleId :

VW1017SBS01

Tot Ion: 50 Resp: 32515

Ion Ratio Lower Upper

50 100

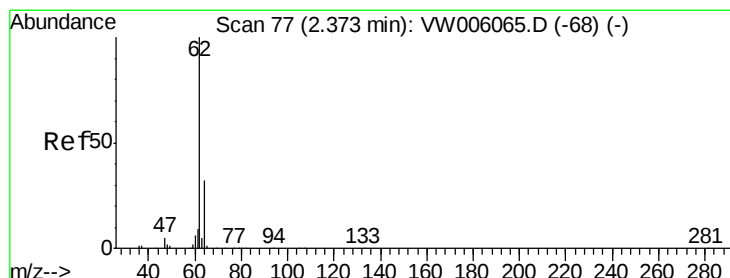
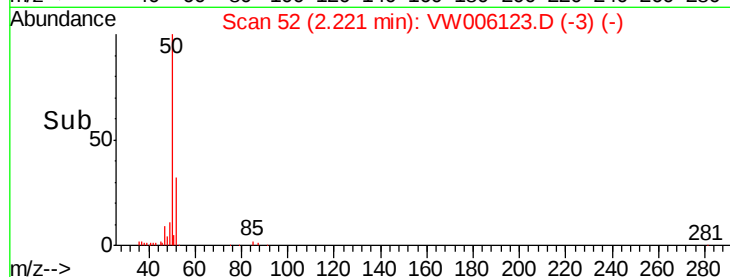
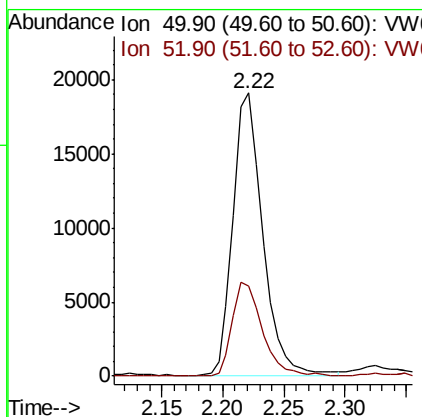
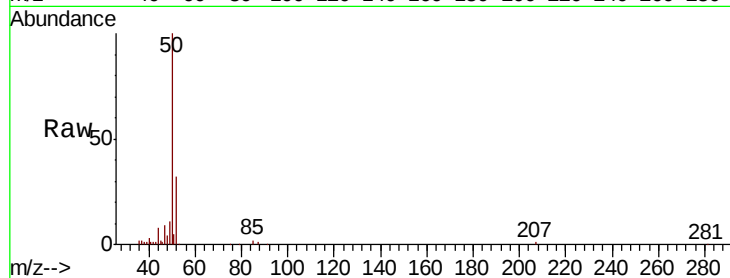
52 31.9 26.8 40.2

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#4

Vinyl Chloride

Concen: 19.240 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW006123.D

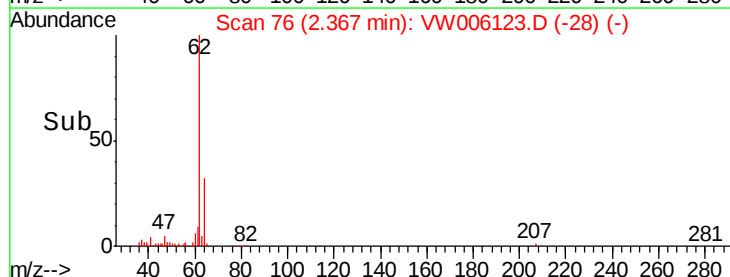
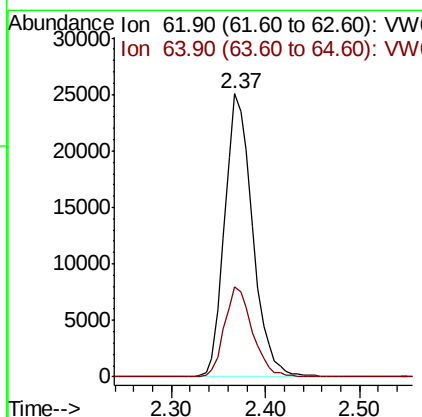
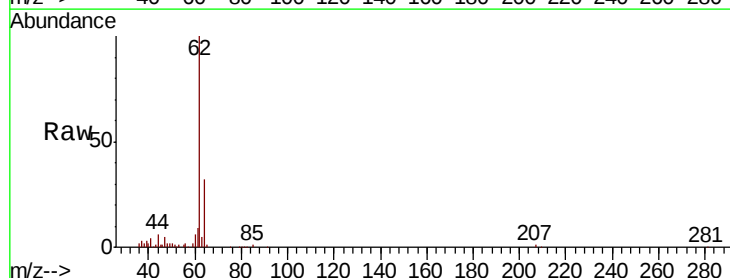
Acq: 17 Oct 2018 13:53

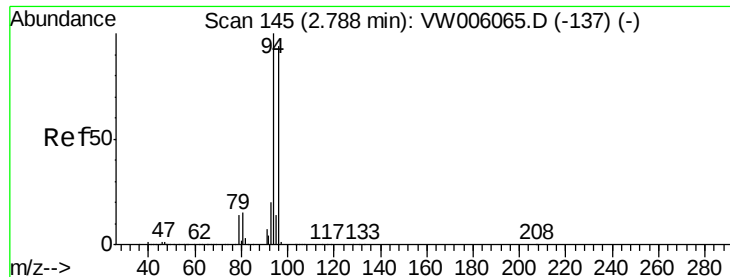
Tgt Ion: 62 Resp: 51466

Ion Ratio Lower Upper

62 100

64 31.8 25.9 38.9





#5

Bromomethane

Concen: 18.381 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW006123.D

Acq: 17 Oct 2018 13:53

Instrument :

MSVOA_W

ClientSampleId :

VW1017SBS01

Tot Ion: 94 Resp: 44719

Ion Ratio Lower Upper

94 100

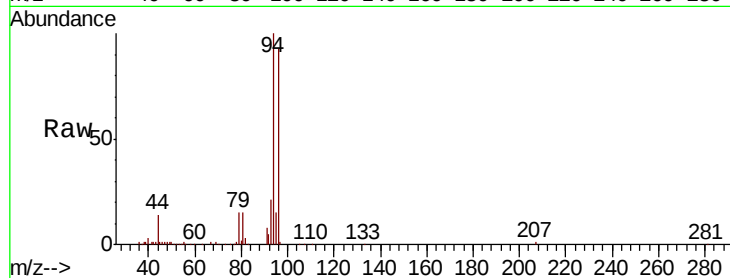
96 93.0 74.9 112.3

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Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.78

20000

15000

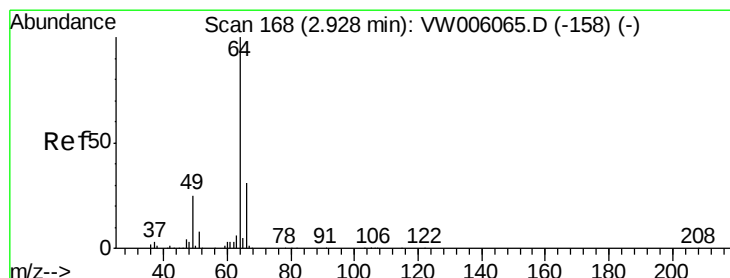
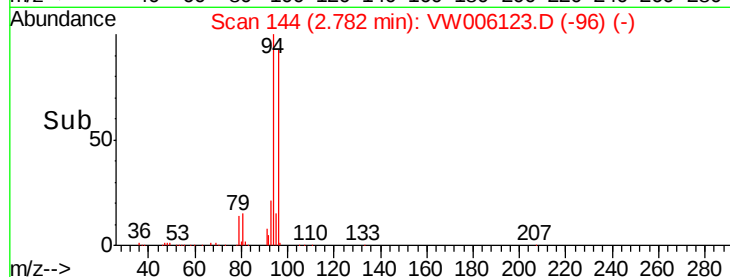
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5000

0

2.70 2.80 2.90

Time-->



#6

Chloroethane

Concen: 18.244 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW006123.D

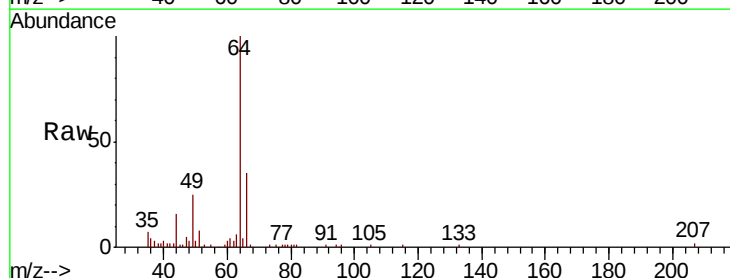
Acq: 17 Oct 2018 13:53

Tgt Ion: 64 Resp: 34973

Ion Ratio Lower Upper

64 100

66 35.3 24.9 37.3



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW

2.93

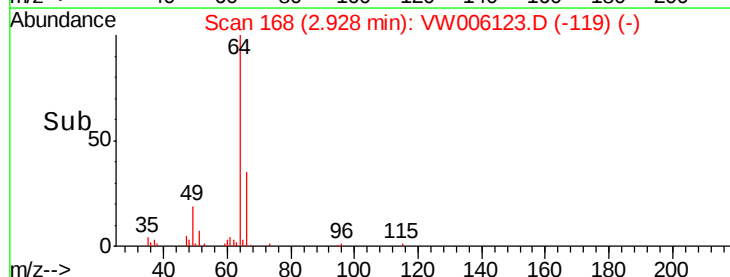
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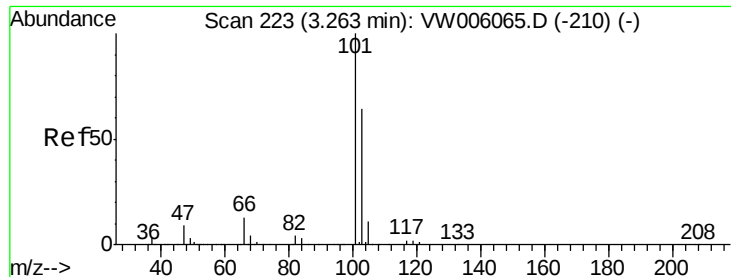
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0

2.80 2.90 3.00 3.10

Time-->





#7

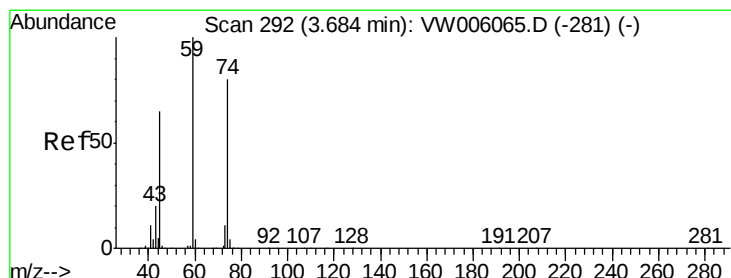
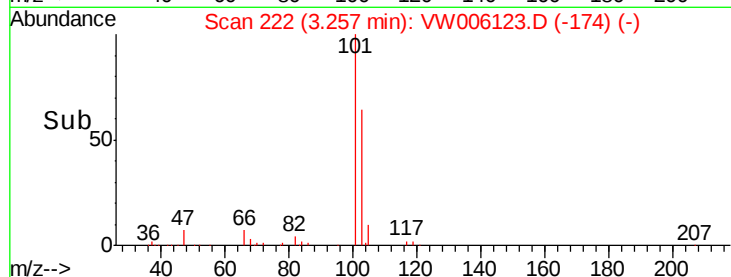
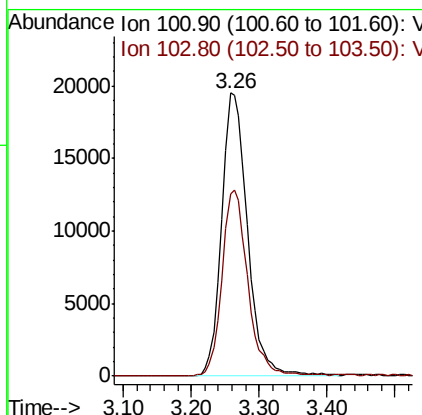
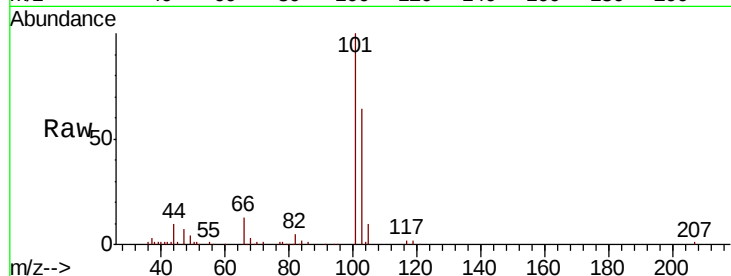
Trichlorofluoromethane
Concen: 20.724 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.01 min
Lab File: VW006123.D
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VW1017SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.4	51.2	76.8

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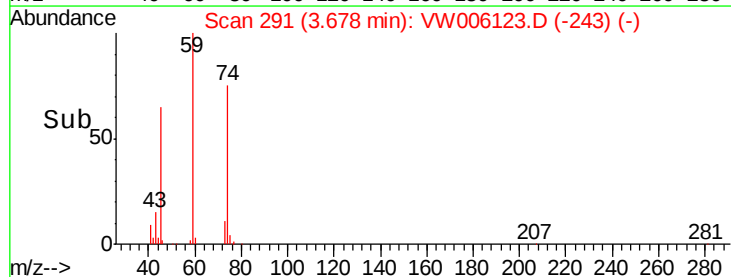
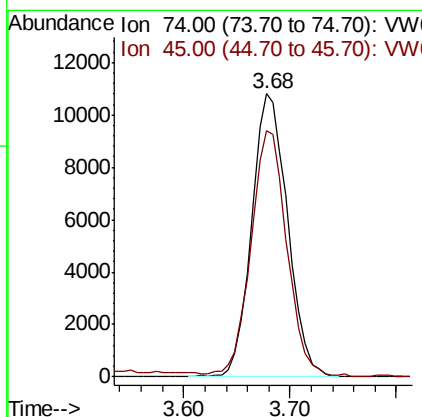
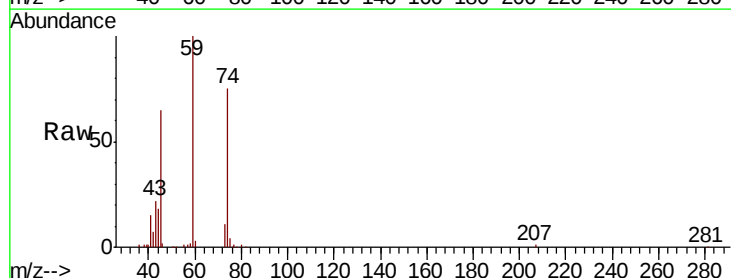
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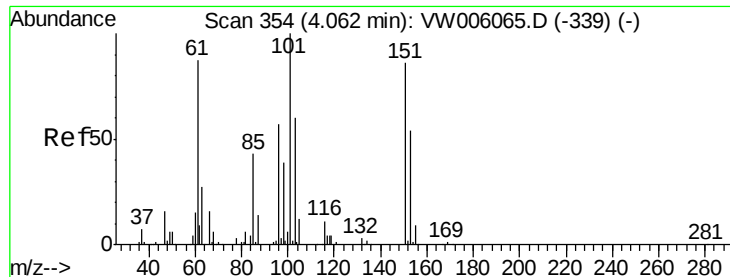


#8

Diethyl Ether
Concen: 19.228 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.01 min
Lab File: VW006123.D
Acq: 17 Oct 2018 13:53

Tgt Ion	Ratio	Lower	Upper
74	100		
45	88.1	42.8	128.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.742 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW006123.D

Acq: 17 Oct 2018 13:53

Instrument :

MSVOA_W

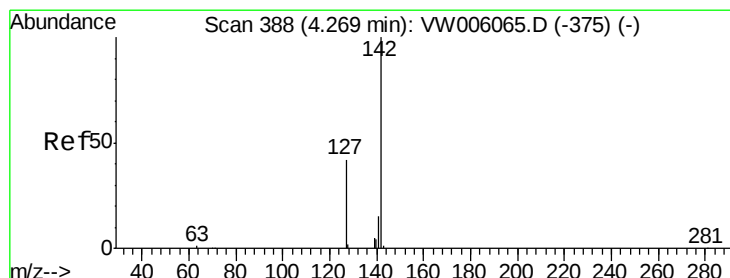
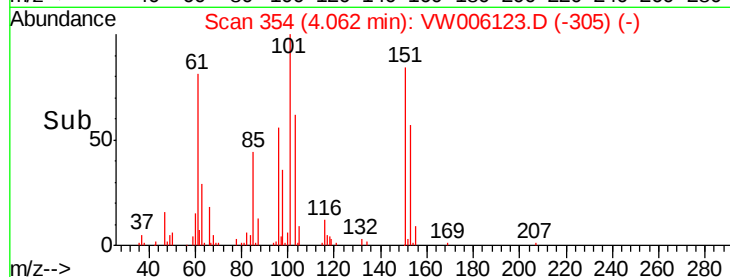
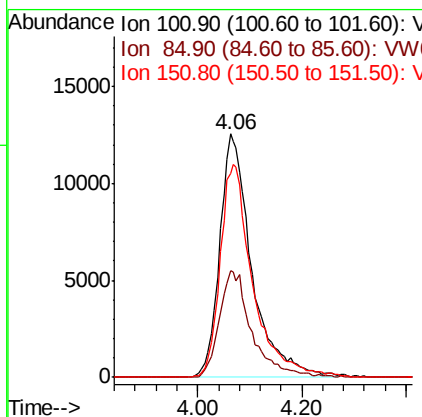
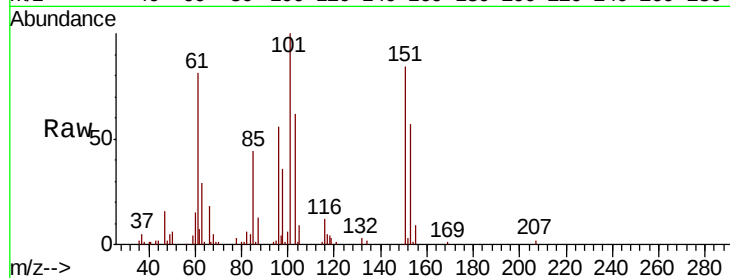
ClientSampleId :

VW1017SBS01

Tot Ion:	101	Resp:	54167
Ion Ratio	Lower	Upper	
101	100		
85	43.8	34.9	52.3
151	89.0	70.4	105.6

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#10

Methyl Iodide

Concen: 20.662 ug/l

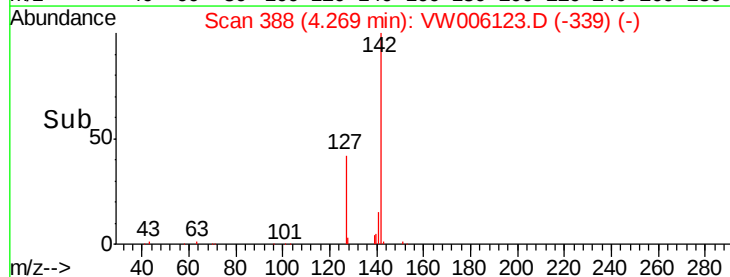
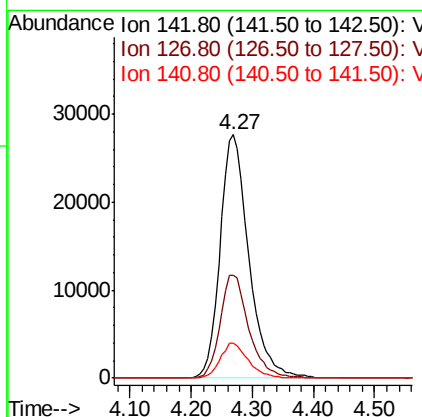
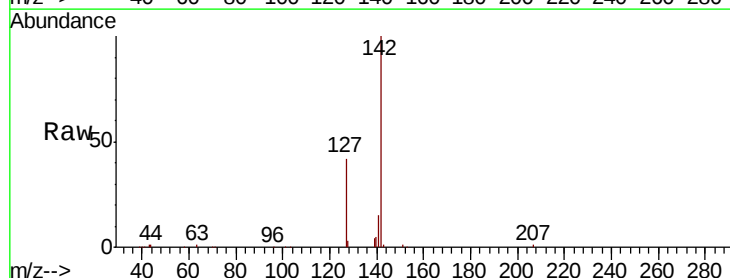
RT: 4.27 min Scan# 388

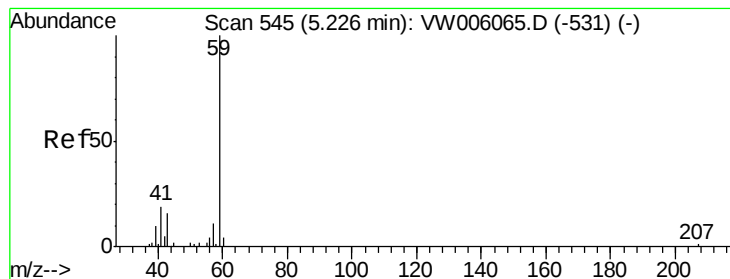
Delta R.T. 0.00 min

Lab File: VW006123.D

Acq: 17 Oct 2018 13:53

Tgt Ion:	142	Resp:	89807
Ion Ratio	Lower	Upper	
142	100		
127	42.4	33.6	50.4
141	14.2	11.6	17.4





#11

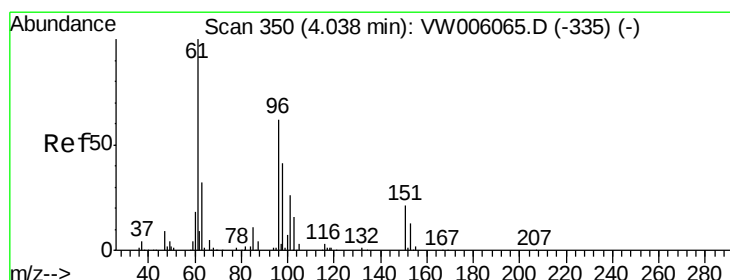
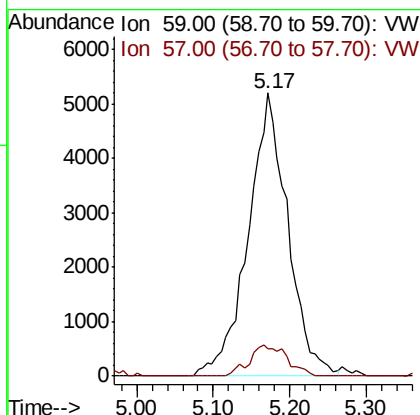
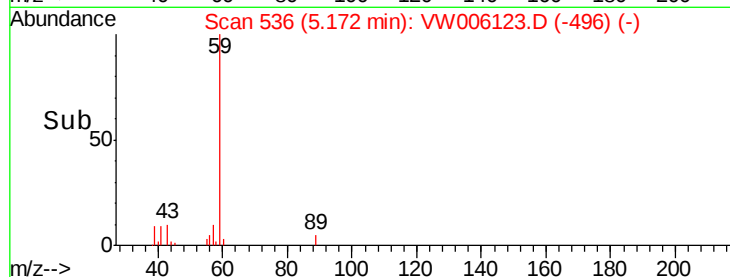
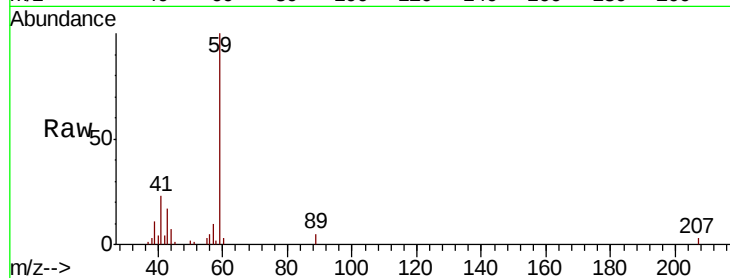
Tert butyl alcohol
Concen: 114.558 ug/l
RT: 5.17 min Scan# 536
Delta R.T. -0.05 min
Lab File: VW006123.D
Acq: 17 Oct 2018 13:53

Instrument :
MSVOA_W
ClientSampleId :
VW1017SBS01

Tot Ion	59	57	Ratio	100	10.4	Resp	18782	Lower	8.7	Upper	13.1
Ion	59	57	Ratio	100	10.4	Resp	18782	Lower	8.7	Upper	13.1

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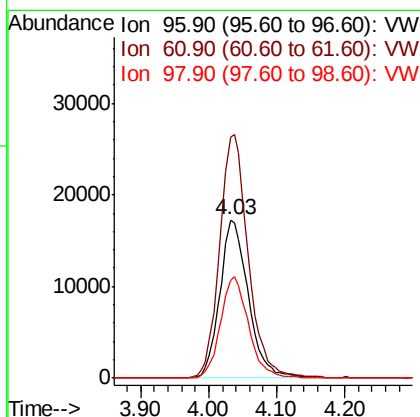
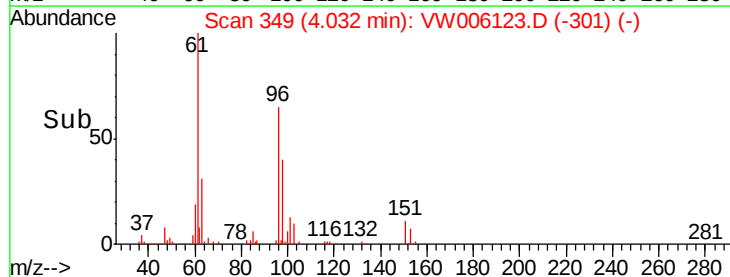
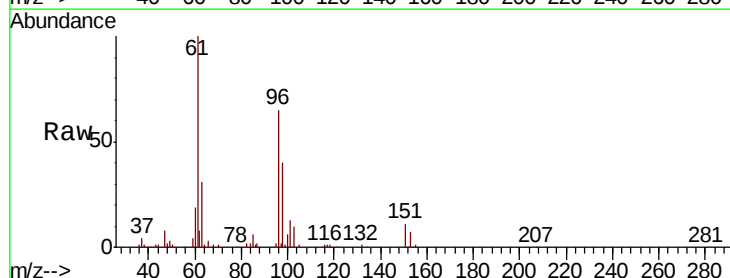
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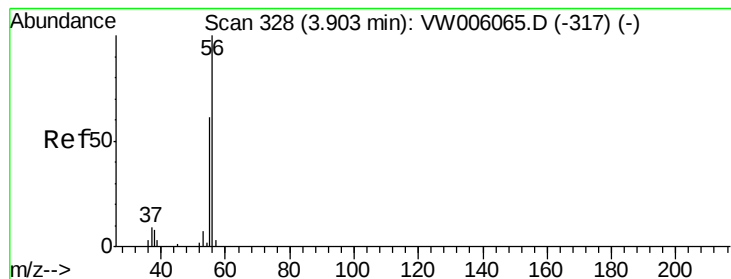


#12

1,1-Dichloroethene
Concen: 20.447 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW006123.D
Acq: 17 Oct 2018 13:53

Tgt Ion	96	61	98	Ratio	100	152.6	61.8	Resp	50236	Lower	129.3	Upper	193.9	79.7
Ion	96	61	98	Ratio	100	152.6	61.8	Resp	50236	Lower	129.3	Upper	193.9	79.7





#13

Acrolein

Concen: 113.315 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW006123.D

Acq: 17 Oct 2018 13:53

Instrument :

MSVOA_W

ClientSampleId :

VW1017SBS01

Tot Ion: 56 Resp: 17977

Ion Ratio Lower Upper

56 100

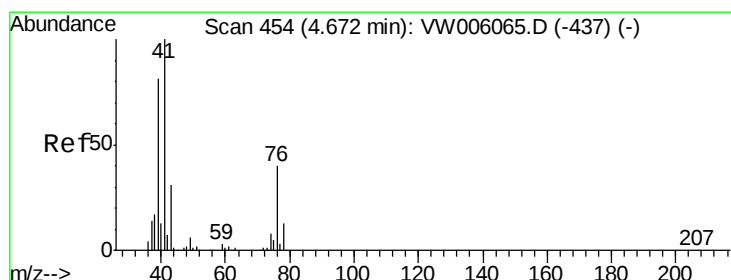
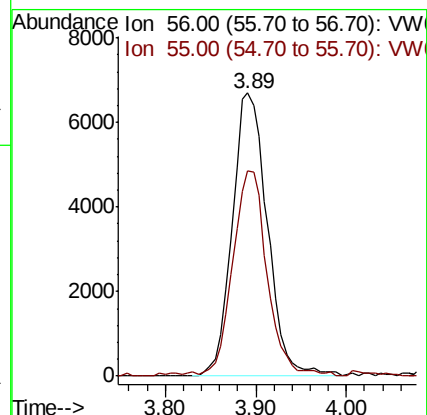
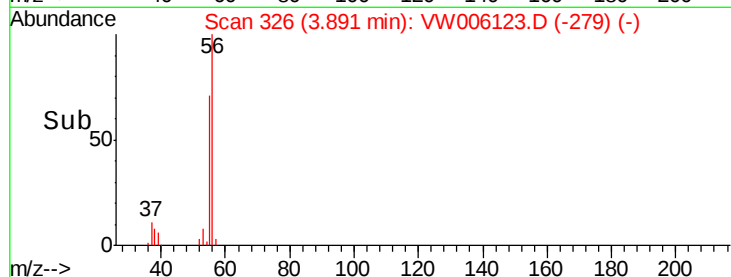
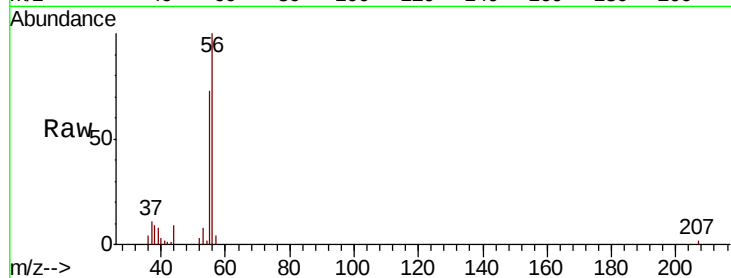
55 72.4 54.5 81.7

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#14

Allyl chloride

Concen: 20.087 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.00 min

Lab File: VW006123.D

Acq: 17 Oct 2018 13:53

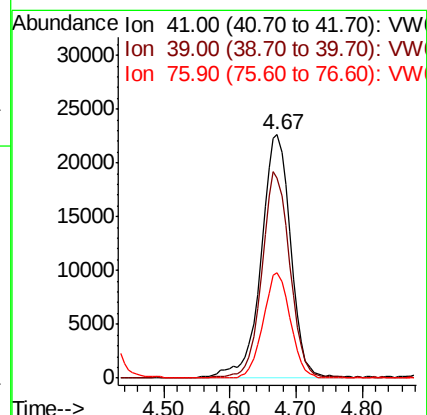
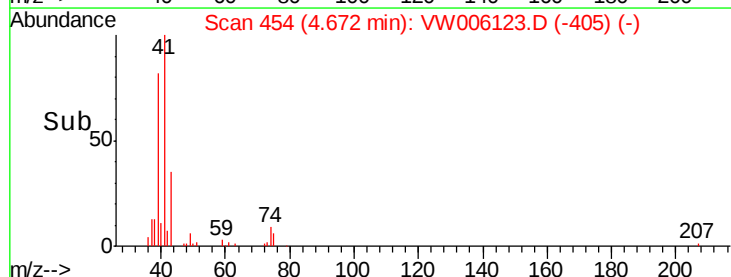
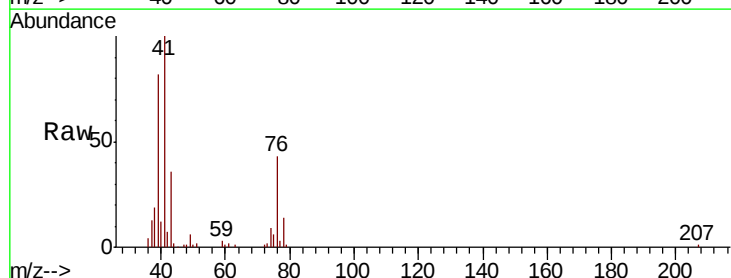
Tgt Ion: 41 Resp: 70563

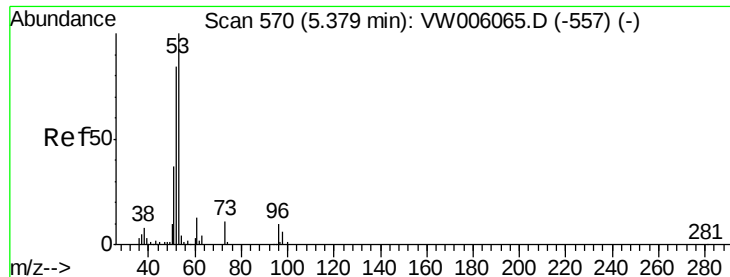
Ion Ratio Lower Upper

41 100

39 79.7 64.1 96.1

76 39.6 32.2 48.4





#15

Acrylonitrile

Concen: 105.627 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.01 min

Lab File: VW006123.D

Acq: 17 Oct 2018 13:53

Instrument :

MSVOA_W

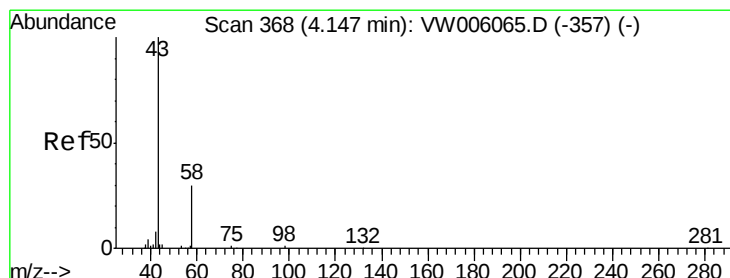
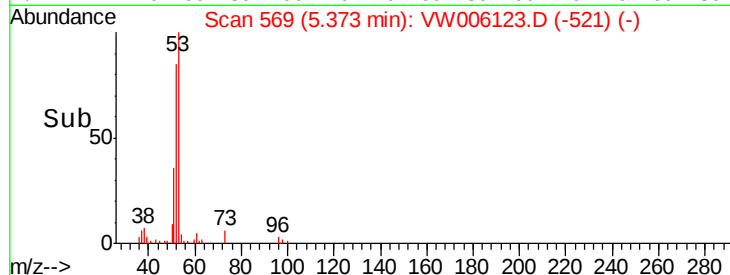
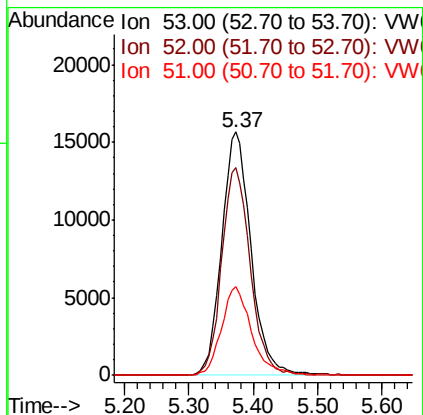
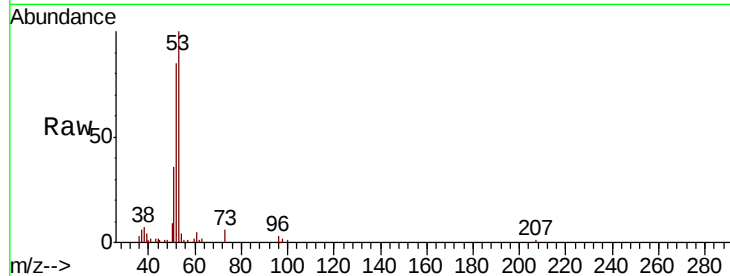
ClientSampleId :

VW1017SBS01

Tot Ion:	53	Resp:	50173
Ion Ratio	Lower	Upper	
53	100		
52	83.1	66.9	100.3
51	37.3	30.1	45.1

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#16

Acetone

Concen: 127.699 ug/l

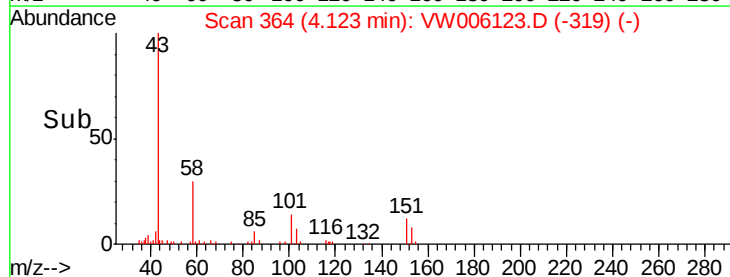
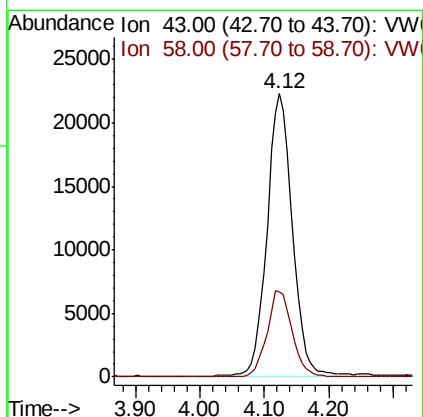
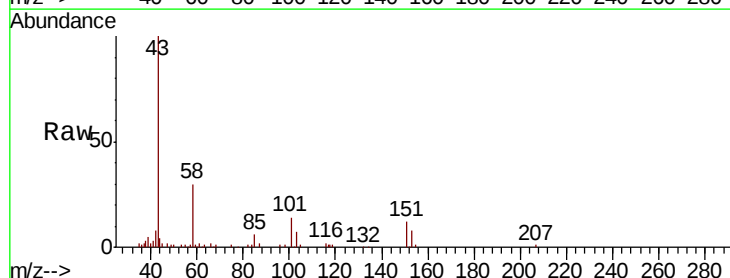
RT: 4.12 min Scan# 364

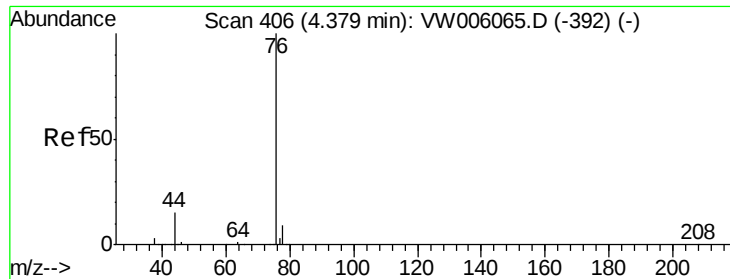
Delta R.T. -0.02 min

Lab File: VW006123.D

Acq: 17 Oct 2018 13:53

Tgt Ion:	43	Resp:	61715
Ion Ratio	Lower	Upper	
43	100		
58	29.8	24.0	36.0





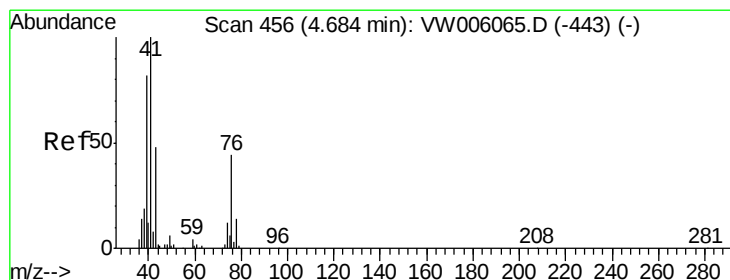
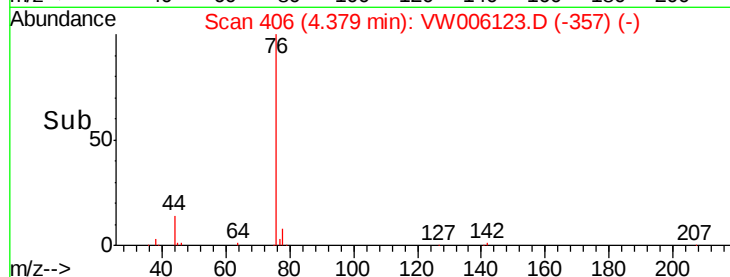
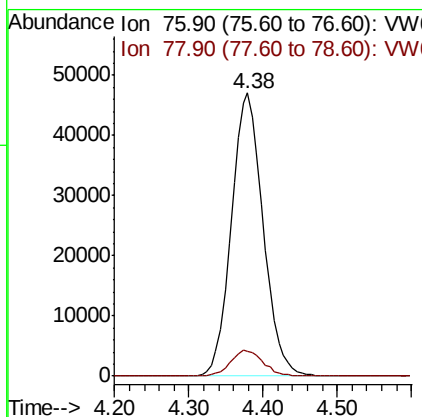
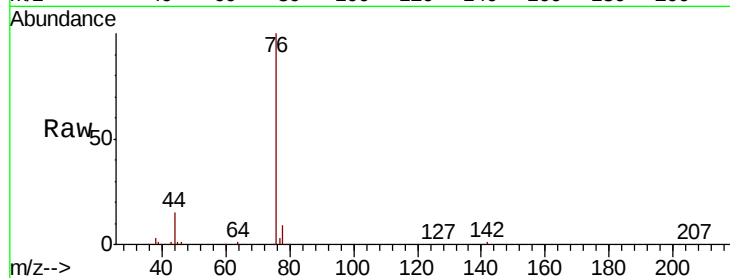
#17
Carbon Disulfide
Concen: 18.930 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.00 min
Lab File: VW006123.D
Acq: 17 Oct 2018 13:53

Instrument :
MSVOA_W
ClientSampleId :
VW1017SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.6	7.5	11.3

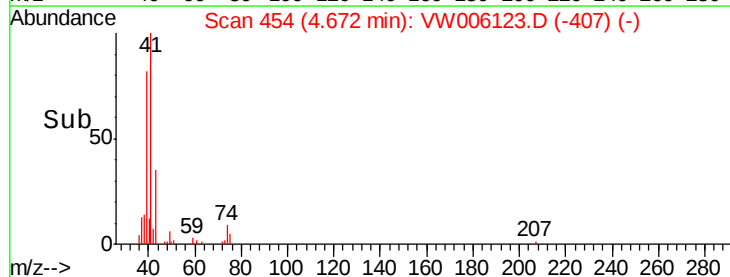
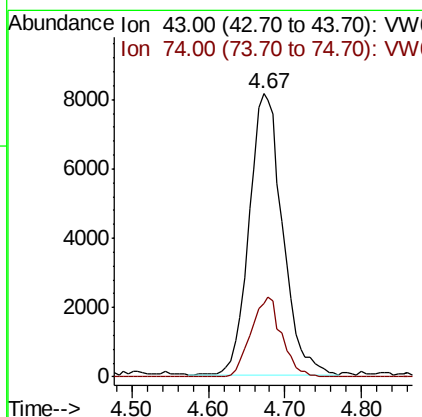
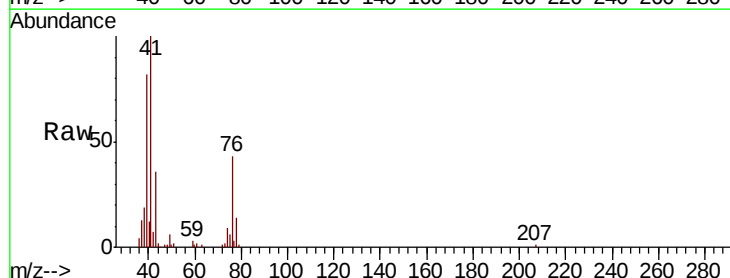
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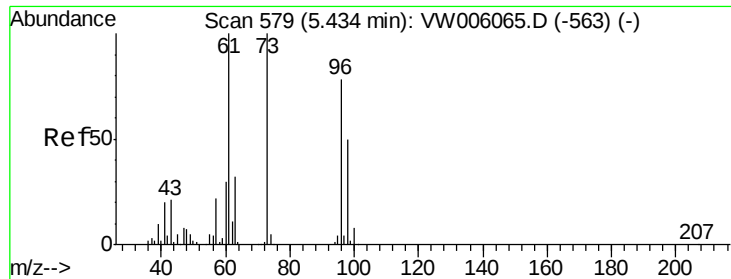
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#18
Methyl Acetate
Concen: 20.165 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.01 min
Lab File: VW006123.D
Acq: 17 Oct 2018 13:53

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.9	20.5	30.7





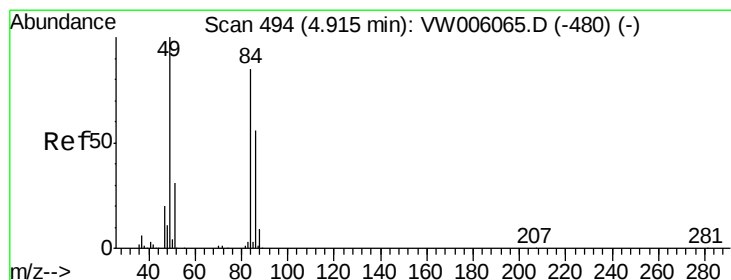
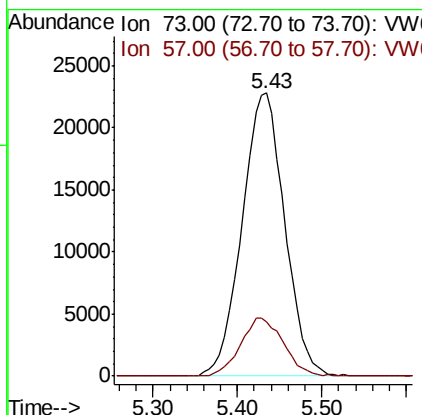
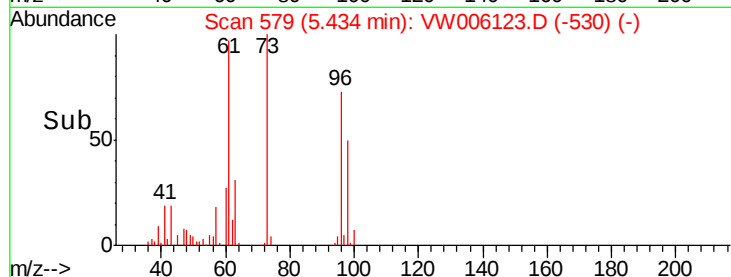
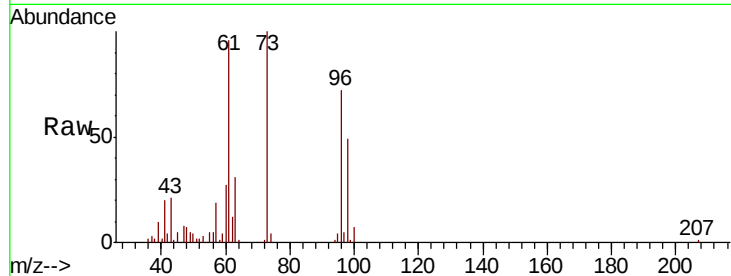
#19
Methyl tert-butyl Ether
Concen: 20.949 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.00 min
Lab File: VW006123.D
Acq: 17 Oct 2018 13:53

Instrument :
MSVOA_W
ClientSampleId :
VW1017SBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	19.2	17.4	26.2

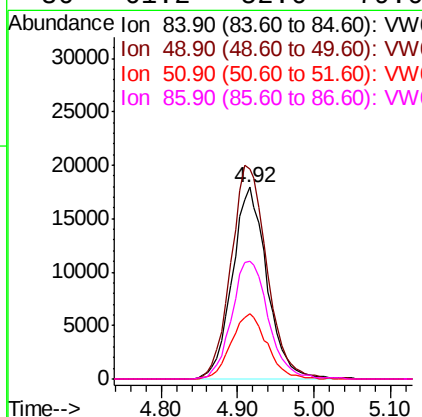
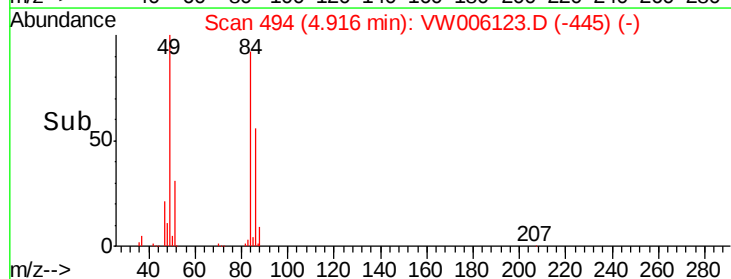
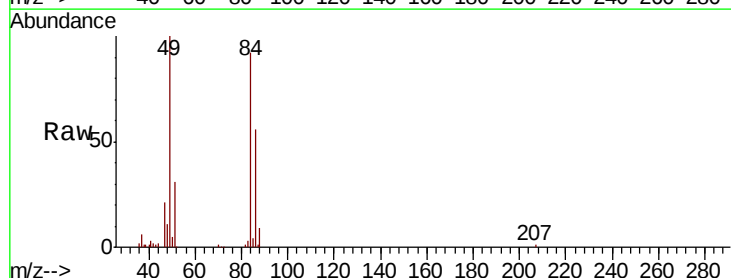
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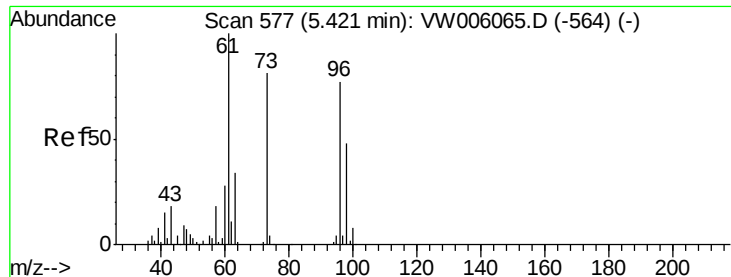
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#20
Methylene Chloride
Concen: 20.923 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW006123.D
Acq: 17 Oct 2018 13:53

Tgt Ion	Ratio	Lower	Upper
84	100		
49	109.2	93.6	140.4
51	34.2	29.0	43.4
86	61.2	52.6	79.0





#21

trans-1,2-Dichloroethene

Concen: 20.219 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.01 min

Lab File: VW006123.D

Acq: 17 Oct 2018 13:53

Instrument :

MSVOA_W

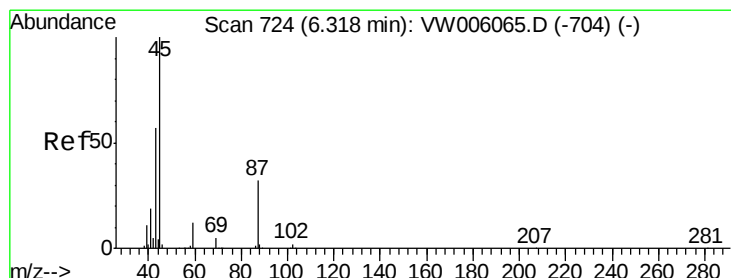
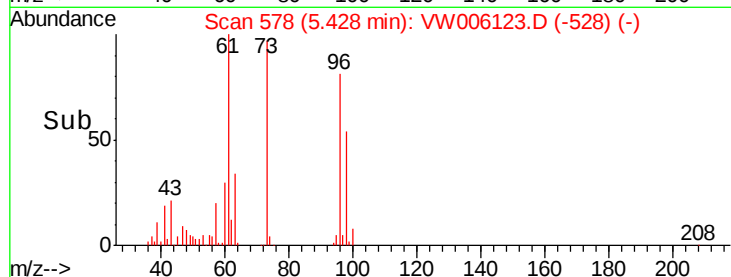
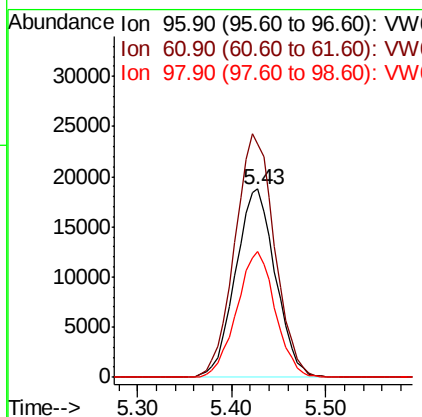
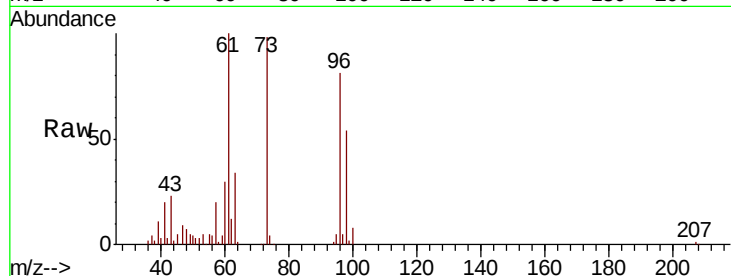
ClientSampleId :

VW1017SBS01

Tot Ion:	96	Resp:	55446
Ion	Ratio	Lower	Upper
96	100		
61	123.8	104.5	156.7
98	66.5	50.6	75.8

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#22

Diisopropyl ether

Concen: 20.551 ug/l

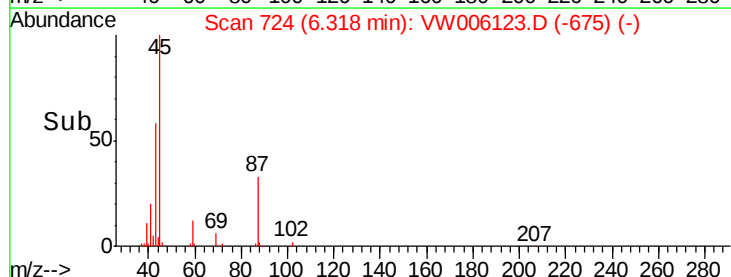
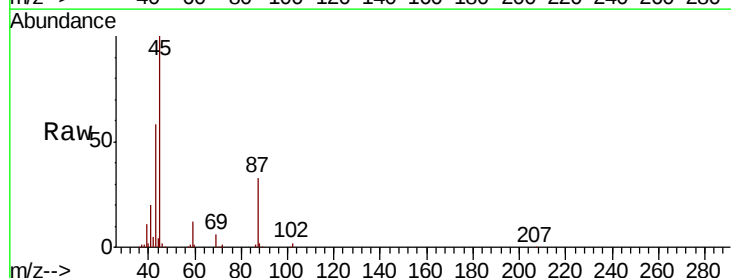
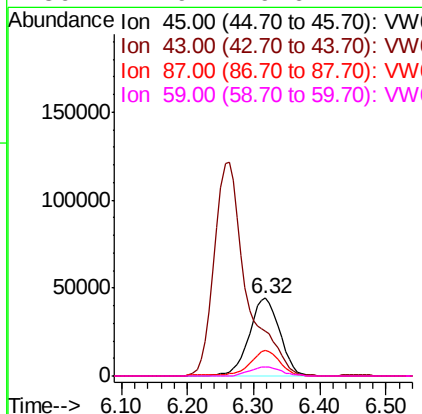
RT: 6.32 min Scan# 724

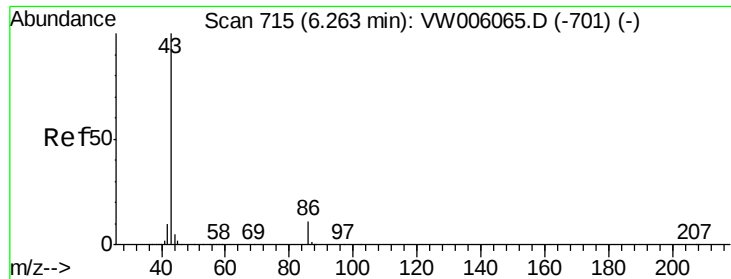
Delta R.T. 0.00 min

Lab File: VW006123.D

Acq: 17 Oct 2018 13:53

Tgt Ion:	45	Resp:	142665
Ion	Ratio	Lower	Upper
45	100		
43	56.9	45.7	68.5
87	33.1	25.9	38.9
59	11.9	9.6	14.4





#23

Vinyl Acetate

Concen: 100.646 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.00 min

Lab File: VW006123.D

Acq: 17 Oct 2018 13:53

Instrument :

MSVOA_W

ClientSampleId :

VW1017SBS01

Tot Ion: 43 Resp: 412331

Ion Ratio Lower Upper

43 100

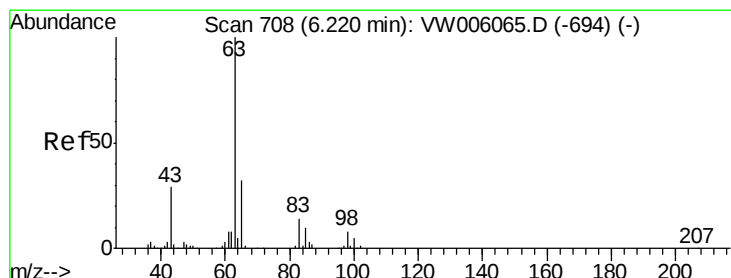
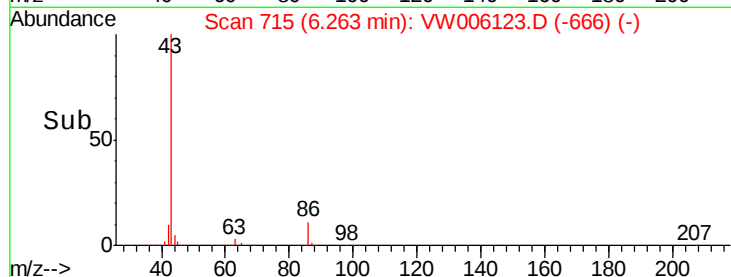
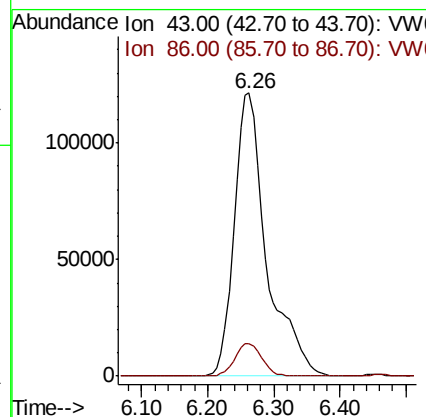
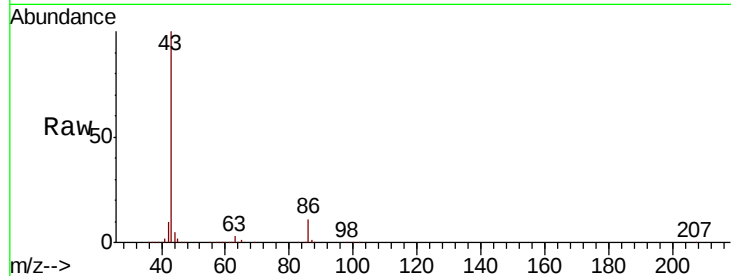
86 11.3 9.0 13.6

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#24

1,1-Dichloroethane

Concen: 20.361 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW006123.D

Acq: 17 Oct 2018 13:53

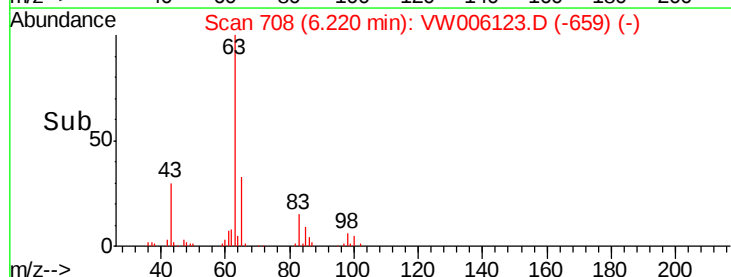
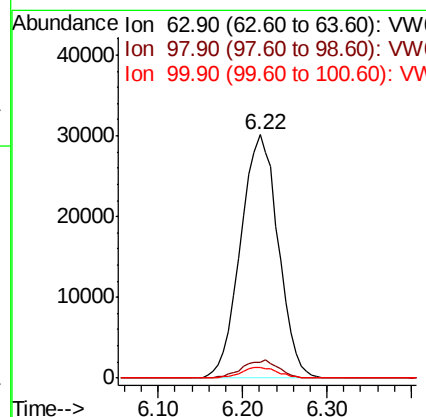
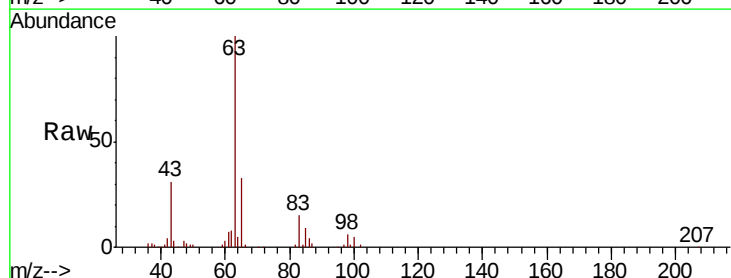
Tgt Ion: 63 Resp: 91206

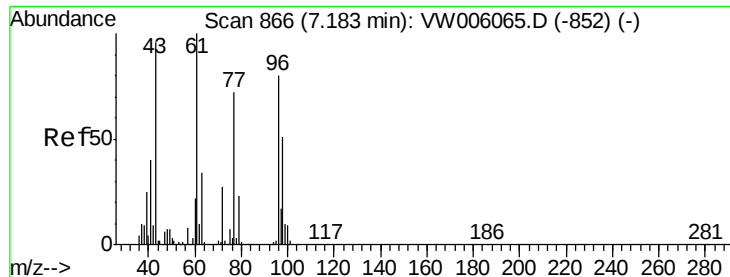
Ion Ratio Lower Upper

63 100

98 6.4 3.8 11.2

100 4.5 2.5 7.5





#25

2-Butanone

Concen: 115.068 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.01 min

Lab File: VW006123.D

Acq: 17 Oct 2018 13:53

Instrument :

MSVOA_W

ClientSampleId :

VW1017SBS01

Tot Ion: 43 Resp: 75780

Ion Ratio Lower Upper

43 100

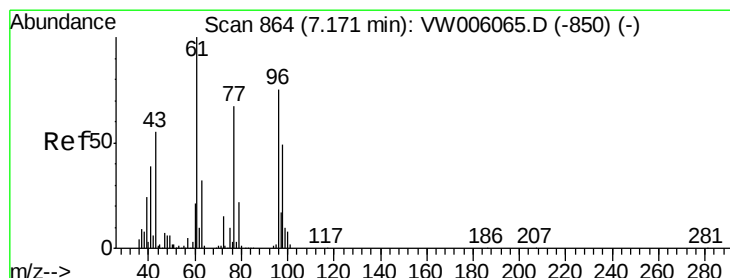
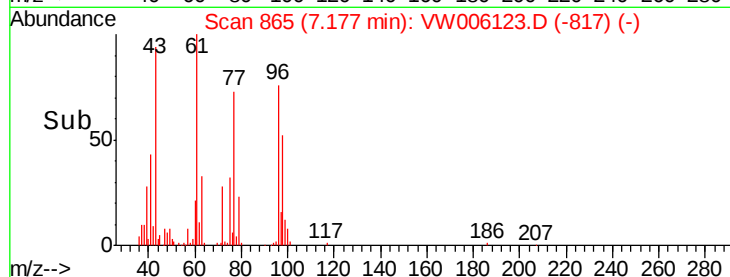
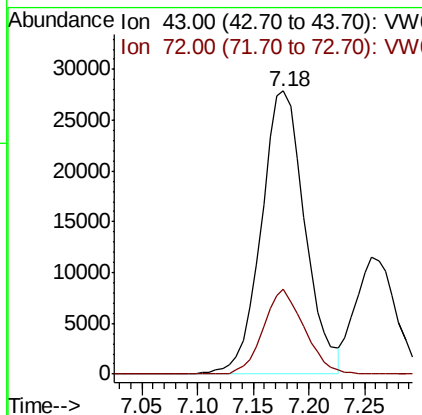
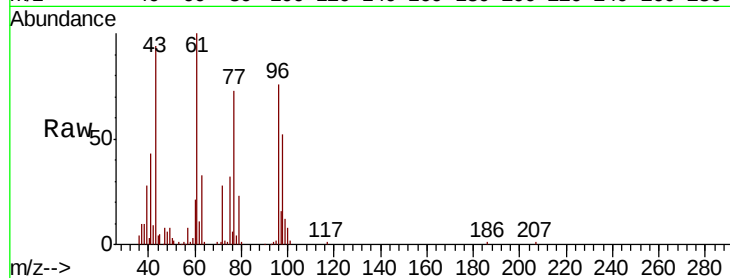
72 30.1 22.8 34.2

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#26

2,2-Dichloropropane

Concen: 21.485 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW006123.D

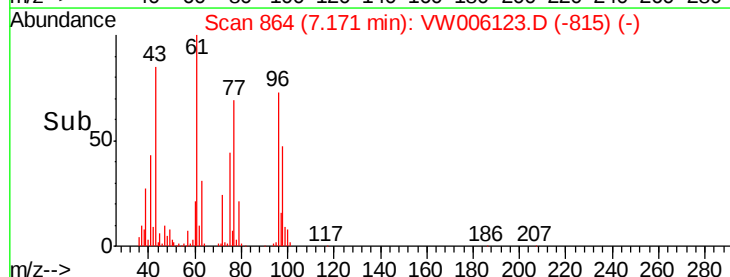
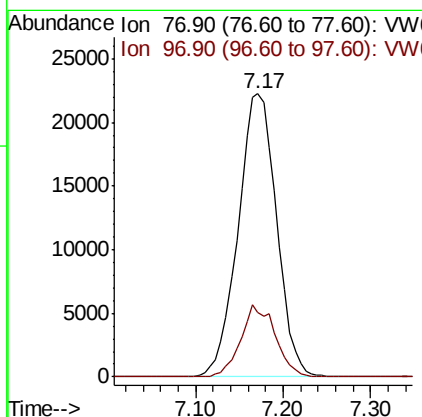
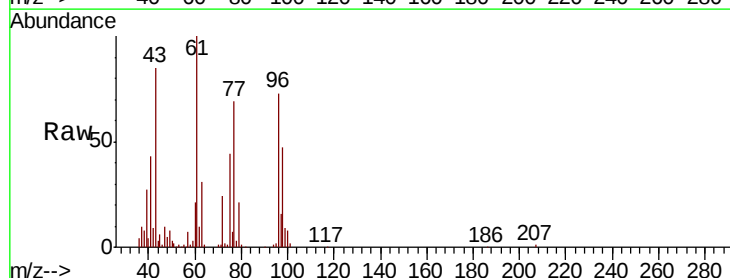
Acq: 17 Oct 2018 13:53

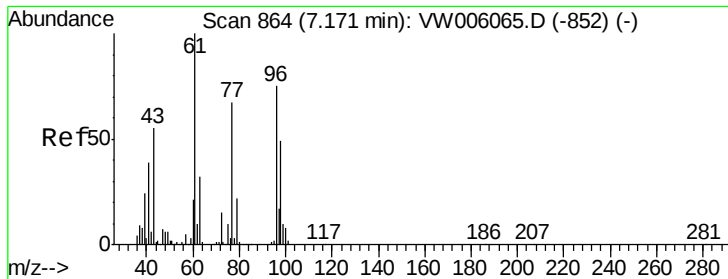
Tgt Ion: 77 Resp: 67878

Ion Ratio Lower Upper

77 100

97 22.9 12.2 36.4





#27

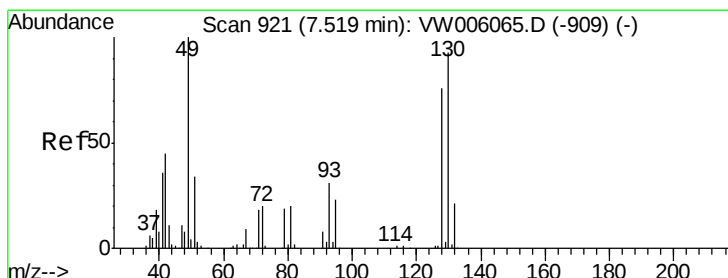
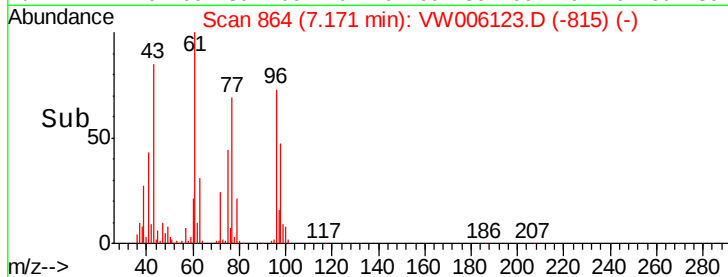
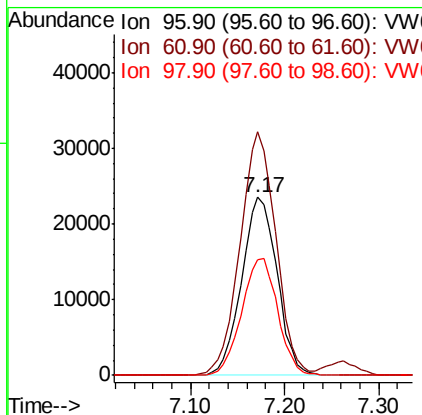
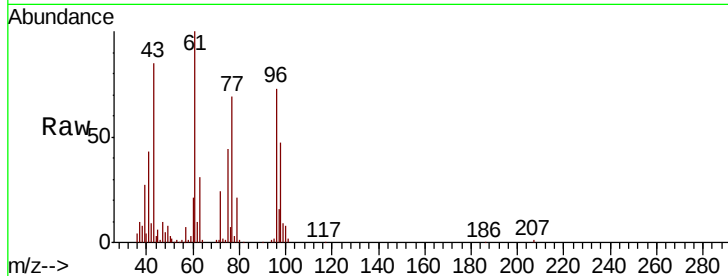
cis-1,2-Dichloroethene
Concen: 20.444 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW006123.D
Acq: 17 Oct 2018 13:53

Instrument :
MSVOA_W
ClientSampleId :
VW1017SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	137.6	0.0	267.2
98	66.4	0.0	128.6

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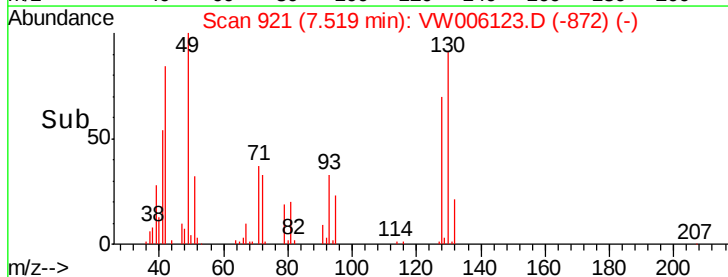
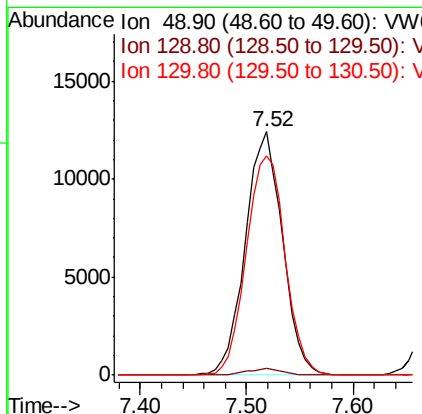
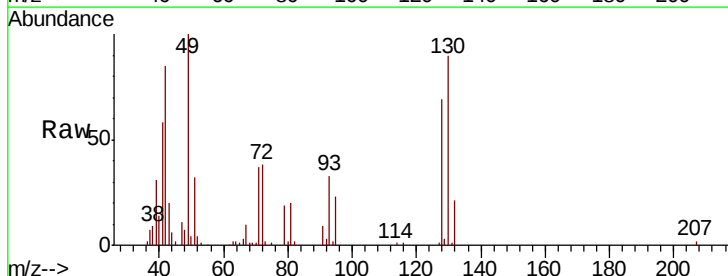
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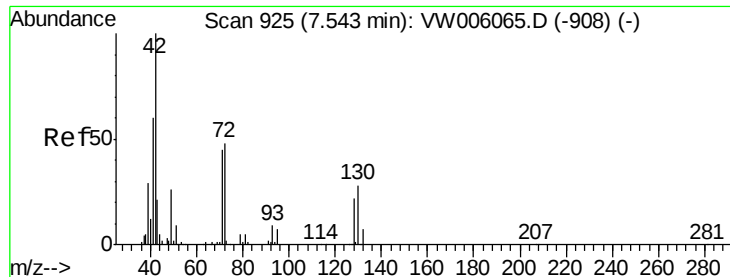


#28

Bromochloromethane
Concen: 17.616 ug/l
RT: 7.52 min Scan# 921
Delta R.T. 0.00 min
Lab File: VW006123.D
Acq: 17 Oct 2018 13:53

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	5.0
130	94.0	73.8	110.8





#29

Tetrahydrofuran

Concen: 104.218 ug/l

RT: 7.54 min Scan# 924

Delta R.T. -0.01 min

Lab File: VW006123.D

Acq: 17 Oct 2018 13:53

Instrument :

MSVOA_W

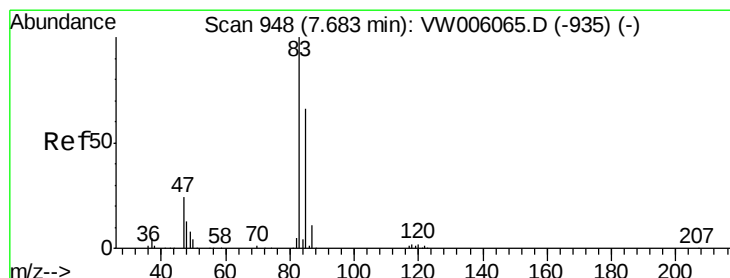
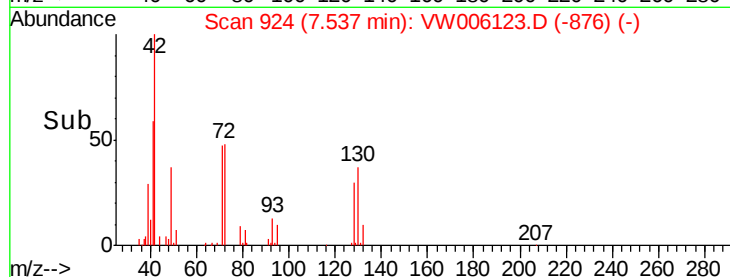
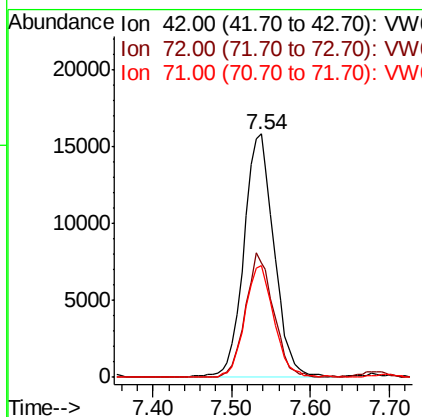
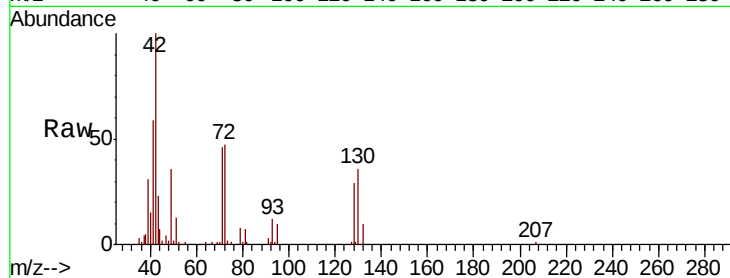
ClientSampleId :

VW1017SBS01

Tot Ion:	42	Resp:	42188
Ion	Ratio	Lower	Upper
42	100		
72	47.2	38.0	57.0
71	43.9	35.3	52.9

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#30

Chloroform

Concen: 20.142 ug/l

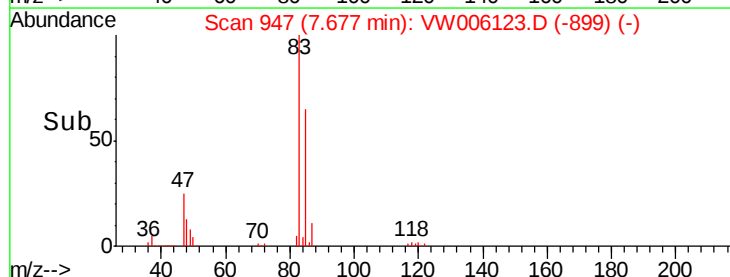
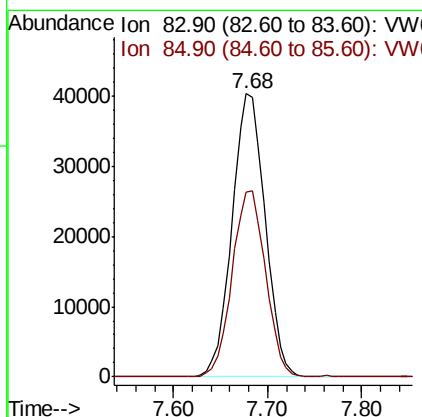
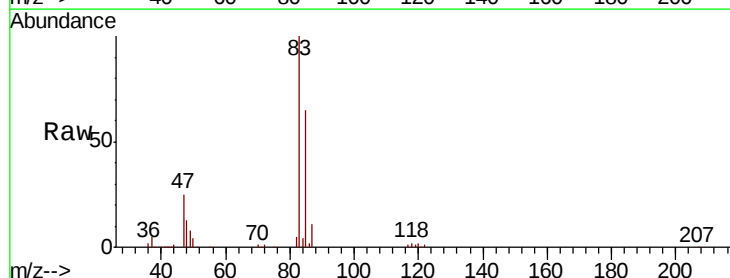
RT: 7.68 min Scan# 947

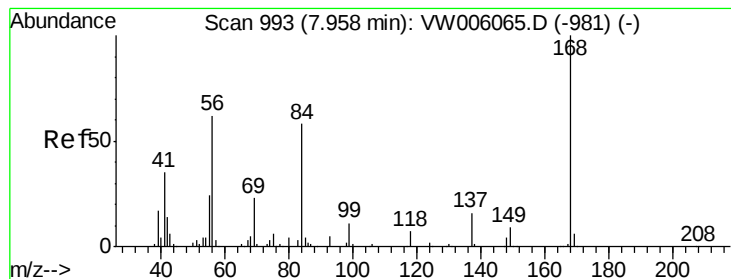
Delta R.T. -0.01 min

Lab File: VW006123.D

Acq: 17 Oct 2018 13:53

Tgt Ion:	83	Resp:	98300
Ion	Ratio	Lower	Upper
83	100		
85	65.2	52.6	79.0





#31

Cyclohexane

Concen: 20.249 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW006123.D

Acq: 17 Oct 2018 13:53

Instrument :

MSVOA_W

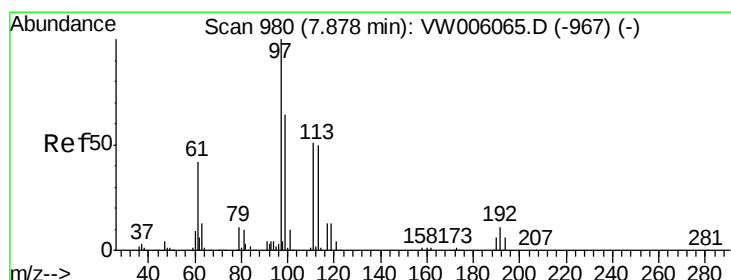
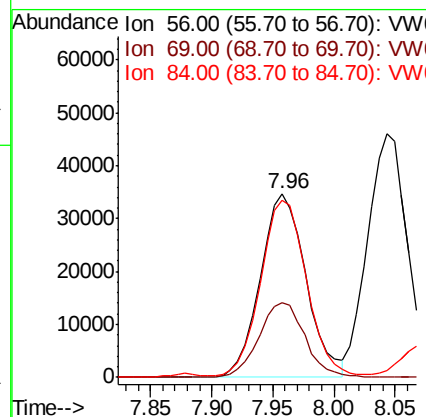
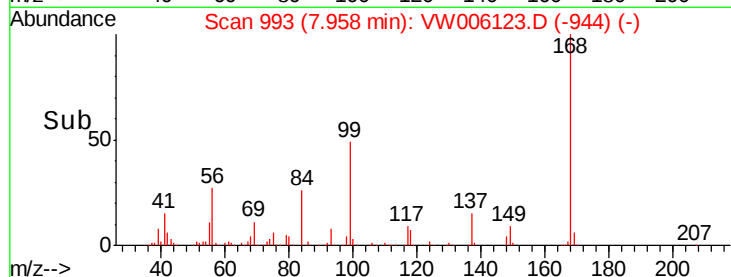
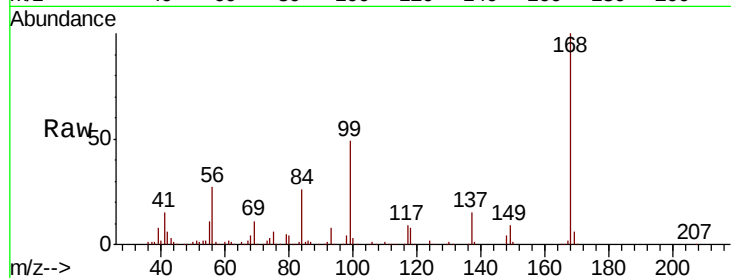
ClientSampleId :

VW1017SBS01

Tot Ion:	56	Resp:	90328
Ion	Ratio	Lower	Upper
56	100		
69	40.7	29.4	44.0
84	95.0	74.0	111.0

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#32

1,1,1-Trichloroethane

Concen: 20.714 ug/l

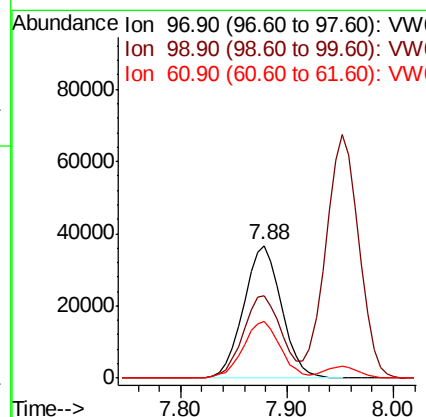
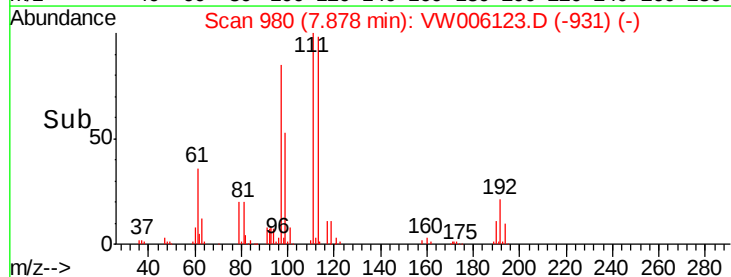
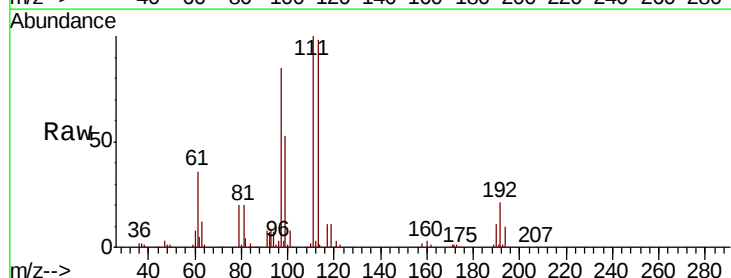
RT: 7.88 min Scan# 980

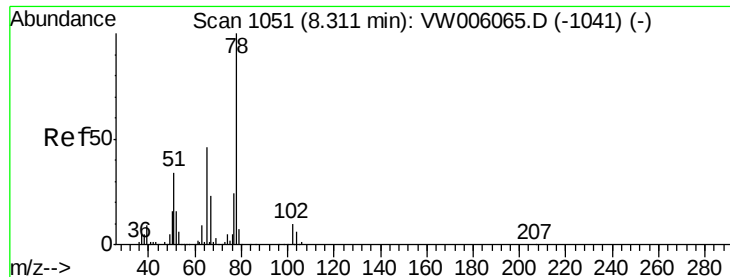
Delta R.T. 0.00 min

Lab File: VW006123.D

Acq: 17 Oct 2018 13:53

Tgt Ion:	97	Resp:	91190
Ion	Ratio	Lower	Upper
97	100		
99	62.6	50.9	76.3
61	42.4	33.7	50.5





#33

1,2-Dichloroethane-d4

Concen: 49.166 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006123.D

Acq: 17 Oct 2018 13:53

Instrument :

MSVOA_W

ClientSampleId :

VW1017SBS01

Tot Ion: 65 Resp: 119857

Ion Ratio Lower Upper

65 100

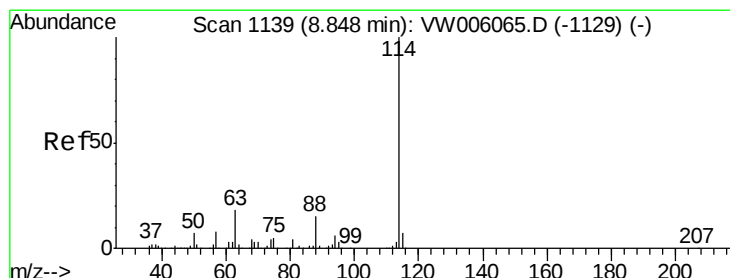
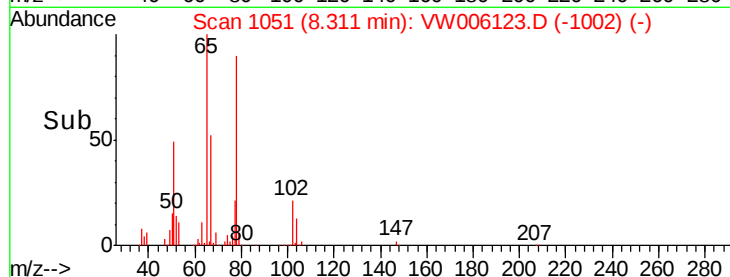
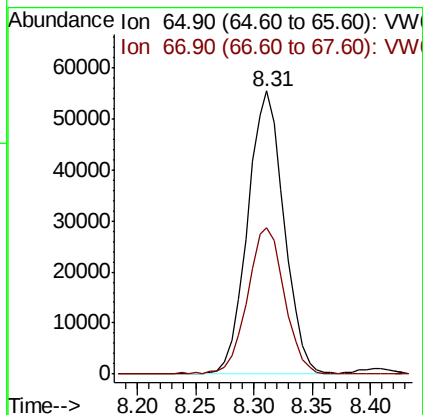
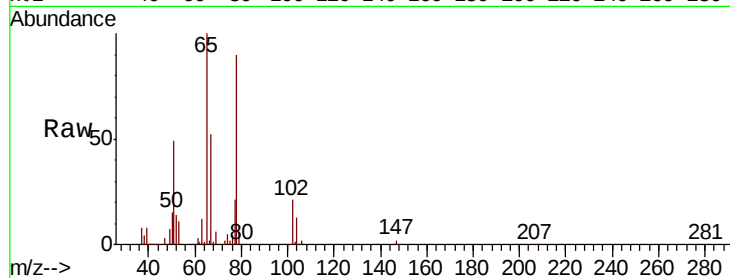
67 52.7 0.0 101.0

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW006123.D

Acq: 17 Oct 2018 13:53

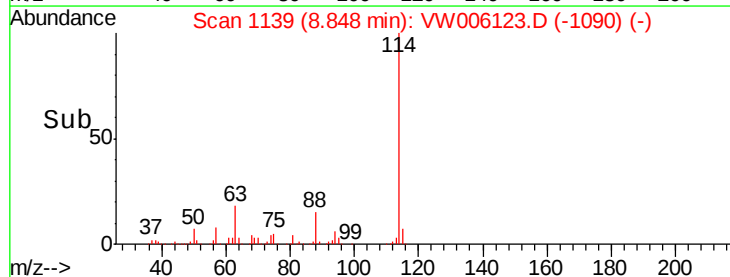
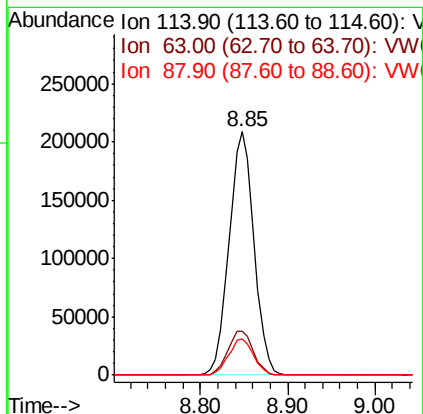
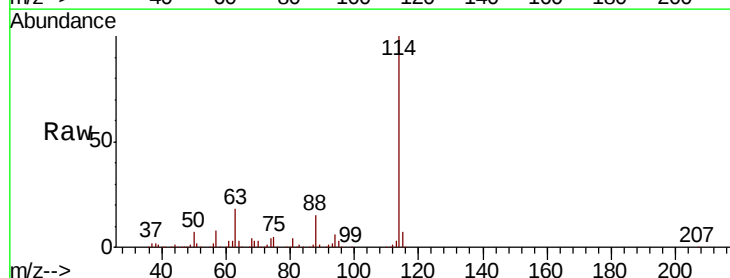
Tgt Ion: 114 Resp: 412384

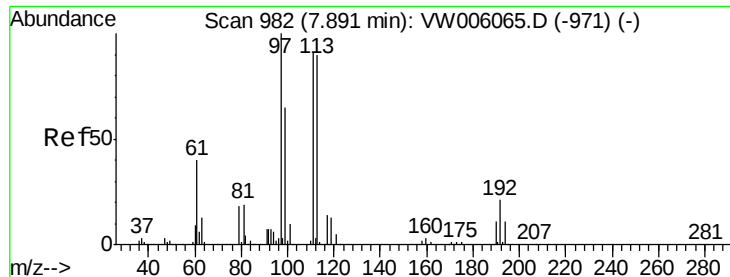
Ion Ratio Lower Upper

114 100

63 18.2 0.0 36.8

88 14.8 0.0 29.0





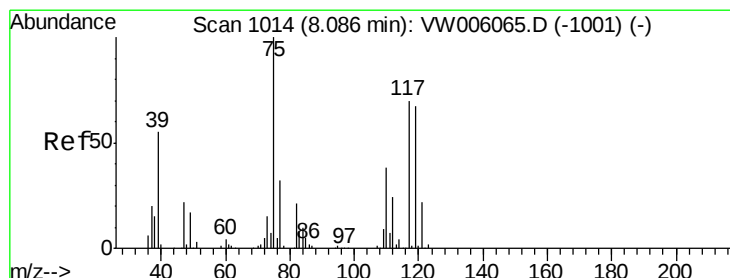
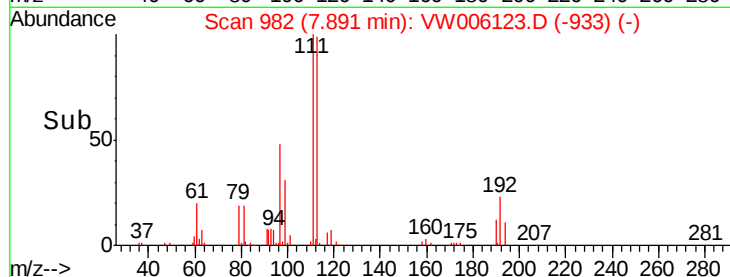
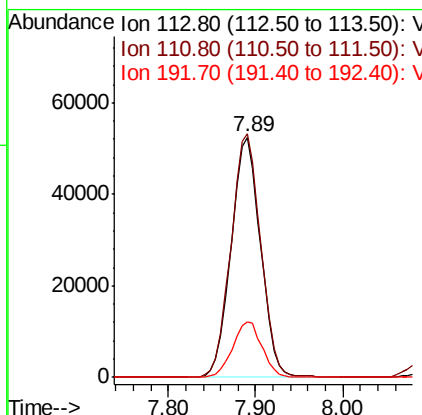
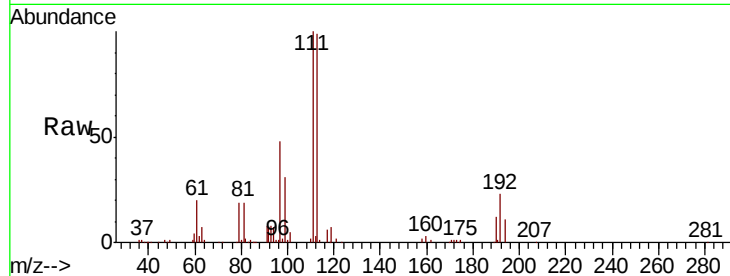
#35
 Dibromofluoromethane
 Concen: 50.360 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW006123.D
 Acq: 17 Oct 2018 13:53

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1017SBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.4	122.0
192	22.9	18.7	28.1

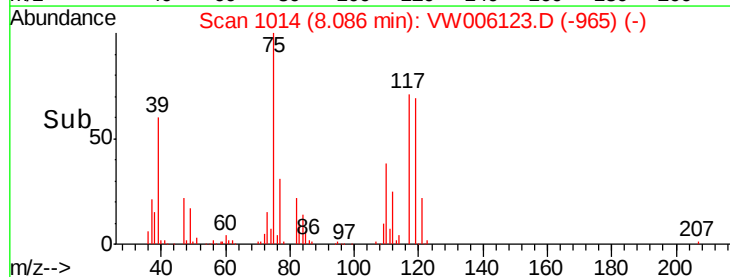
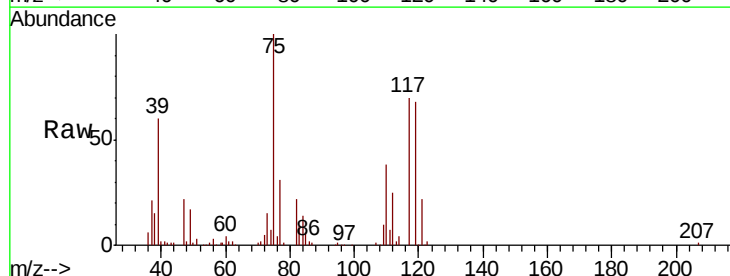
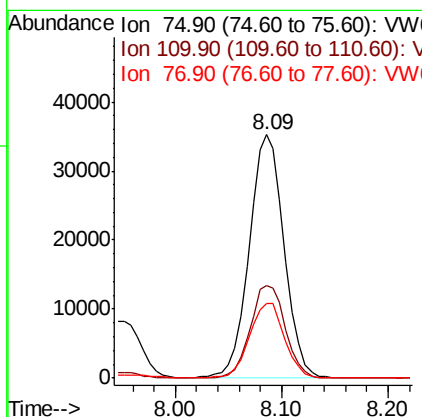
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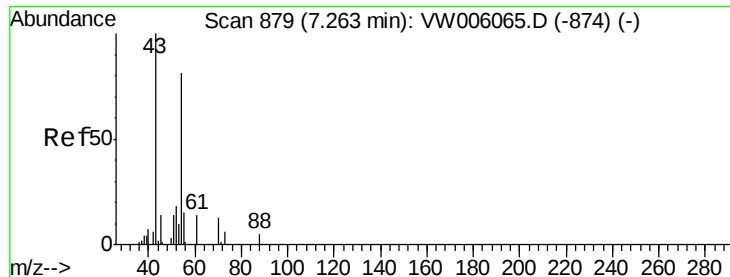
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#36
 1,1-Dichloropropene
 Concen: 21.279 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW006123.D
 Acq: 17 Oct 2018 13:53

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.3	19.1	57.1
77	31.2	25.0	37.4





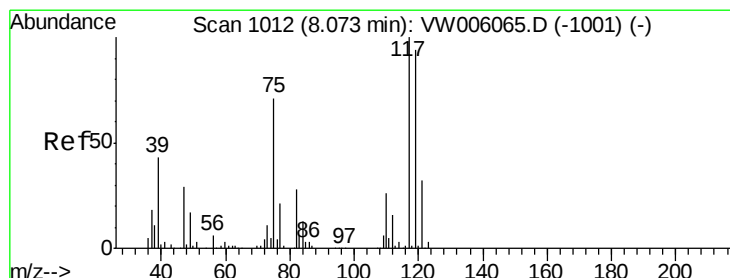
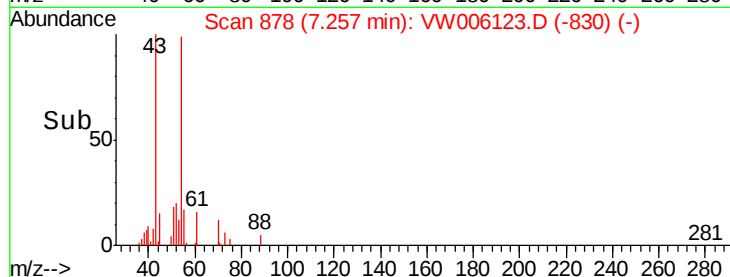
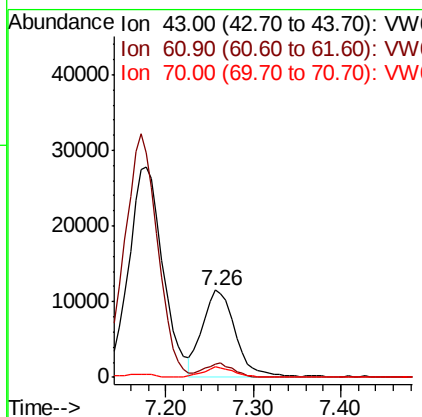
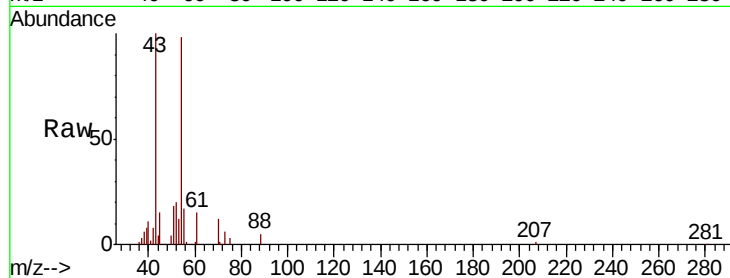
#37
Ethyl Acetate
Concen: 20.943 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.01 min
Lab File: VW006123.D
Acq: 17 Oct 2018 13:53

Instrument :
MSVOA_W
ClientSampled :
VW1017SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.2	11.5	17.3
70	11.5	9.2	13.8

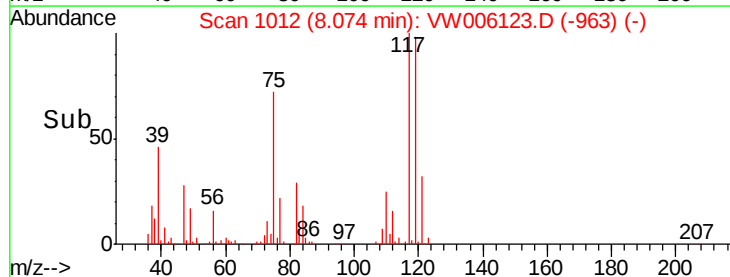
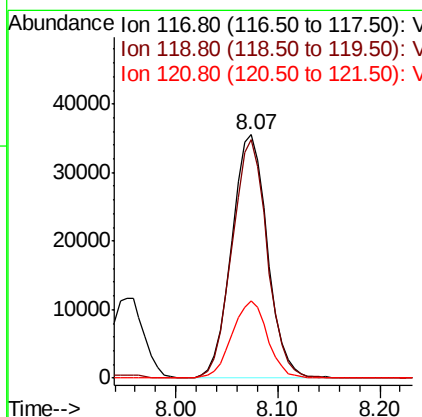
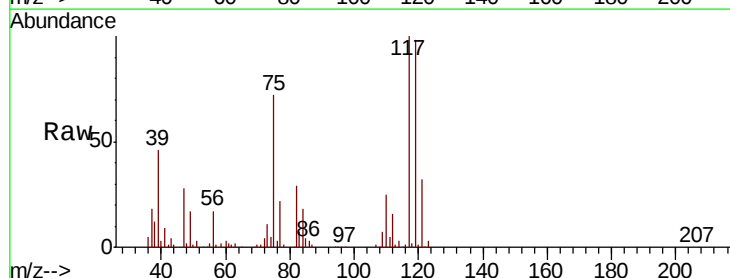
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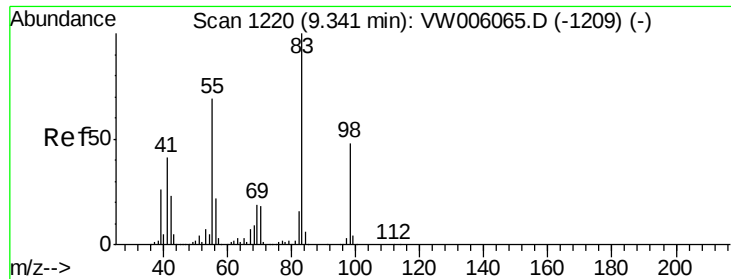
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#38
Carbon Tetrachloride
Concen: 20.679 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VW006123.D
Acq: 17 Oct 2018 13:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.0	75.2	112.8
121	31.6	25.3	37.9





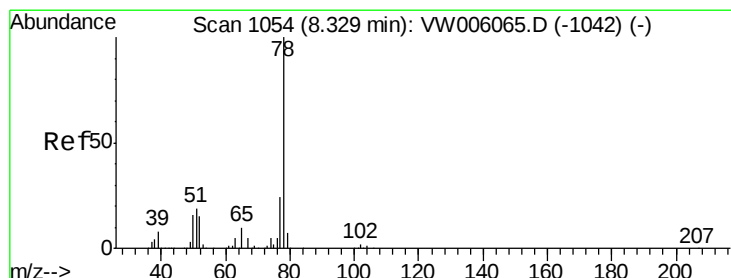
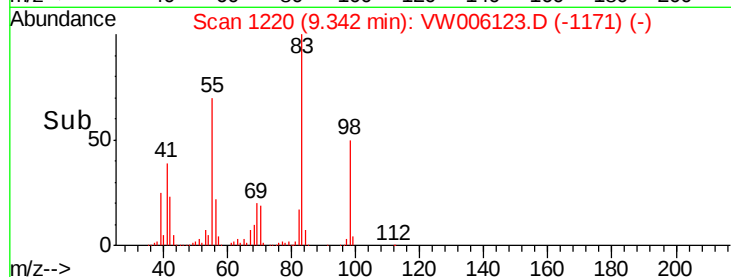
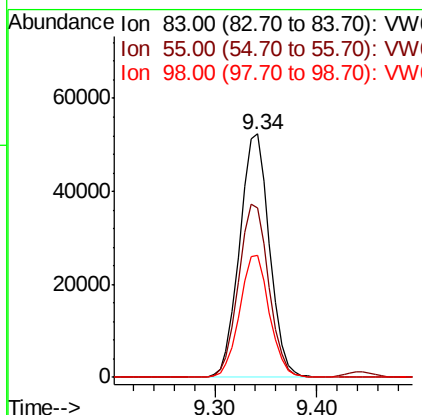
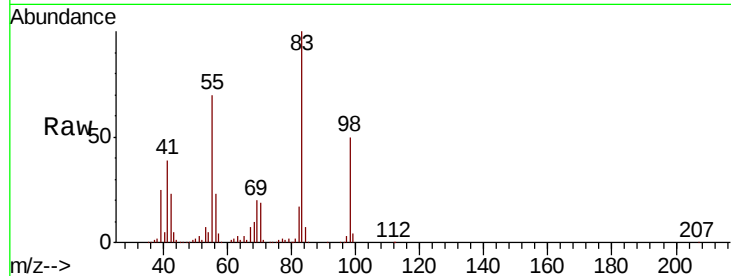
#39
Methvlcvclohexane
Concen: 21.130 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.00 min
Lab File: VW006123.D
Acq: 17 Oct 2018 13:53

Instrument :
MSVOA_W
ClientSampleId :
VW1017SBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	69.5	55.0	82.6
98	50.2	38.6	57.8

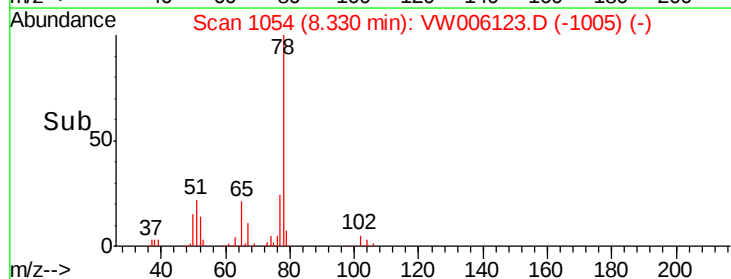
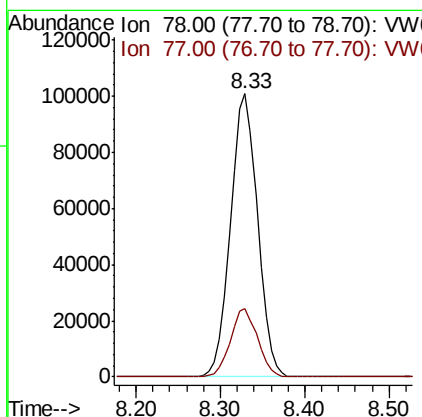
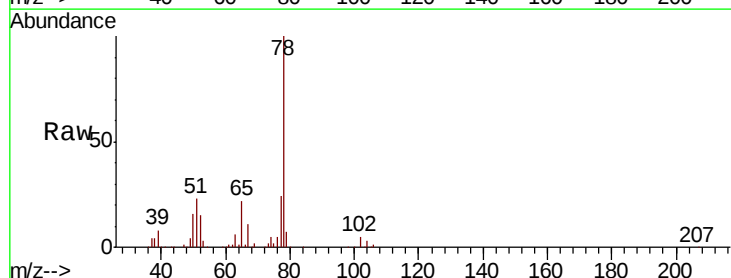
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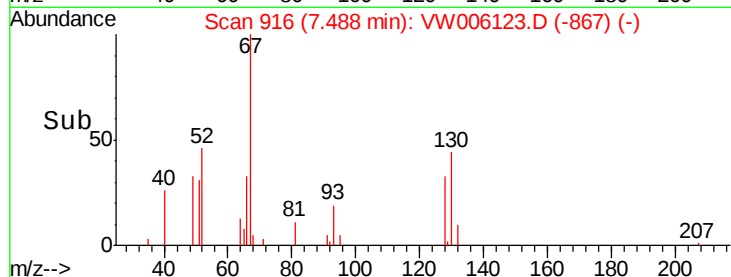
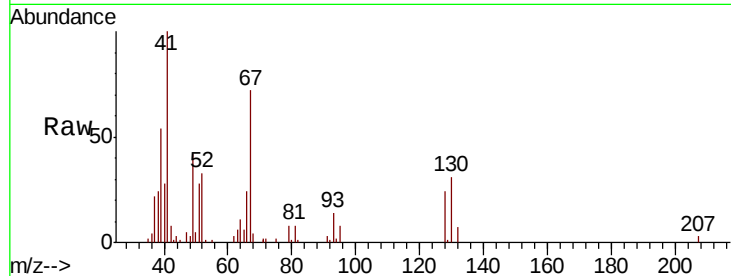
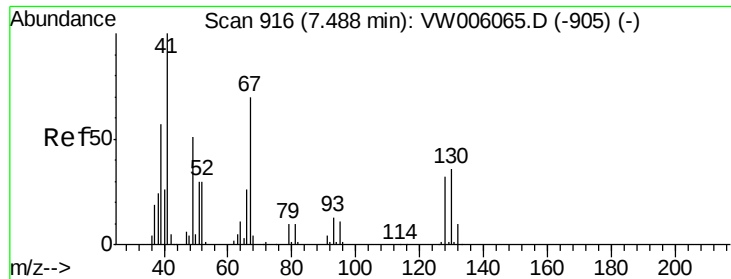
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#40
Benzene
Concen: 20.960 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW006123.D
Acq: 17 Oct 2018 13:53

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.4	29.0





#41
Methacrylonitrile
Concen: 20.333 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW006123.D
Acq: 17 Oct 2018 13:53

Tot Ion	Ratio	Lower	Upper
41	100		
39	56.7	46.2	69.4
67	79.1	57.7	86.5
52	33.5	24.7	37.1

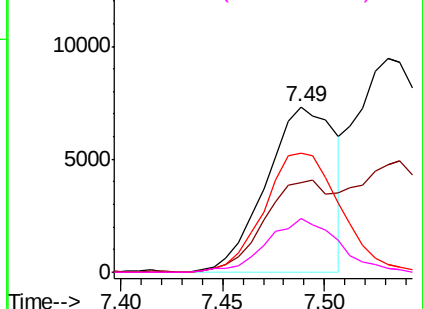
Abundance

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

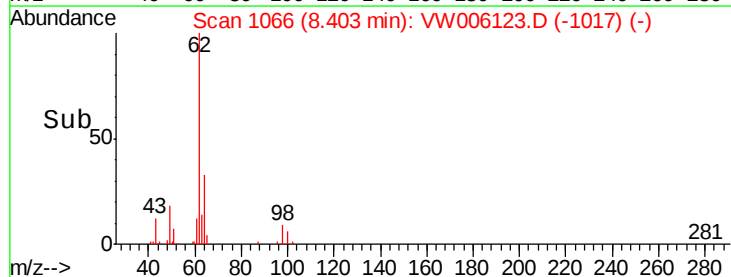
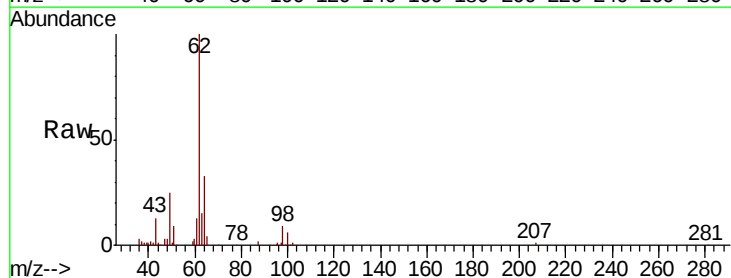
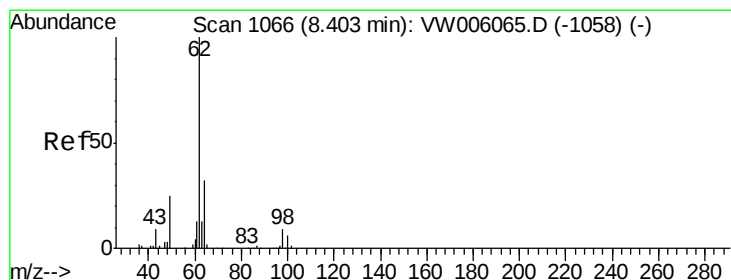
Ion 52.00 (51.70 to 52.70): VW



Instrument :
MSVOA_W
ClientSampleId :
VW1017SBS01

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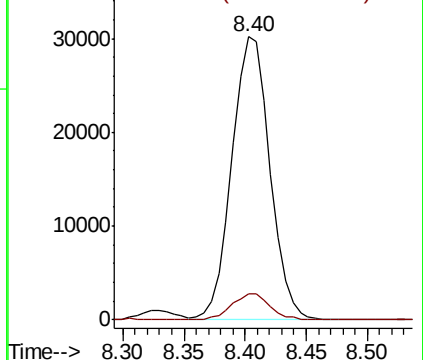
#42
1,2-Dichloroethane
Concen: 21.260 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW006123.D
Acq: 17 Oct 2018 13:53

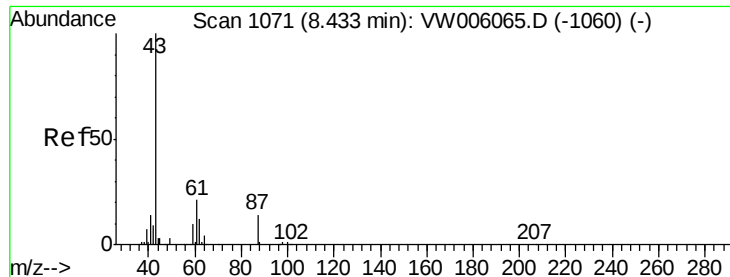
Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.4

Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

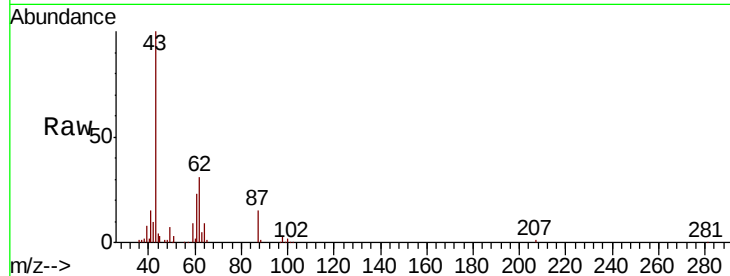
Isopropyl Acetate
 Concen: 20.457 ug/l
 RT: 8.43 min Scan# 1070
 Delta R.T. -0.01 min
 Lab File: VW006123.D
 Acq: 17 Oct 2018 13:53

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1017SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	31.1	25.5	38.3
87	14.7	11.7	17.5

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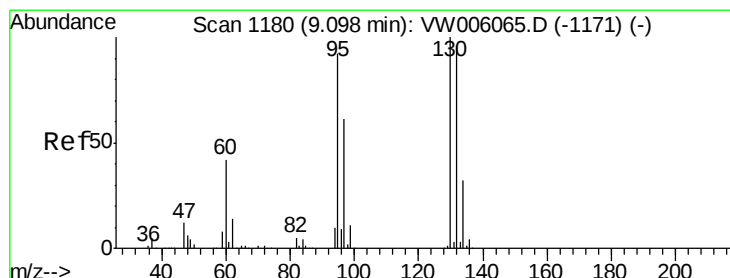
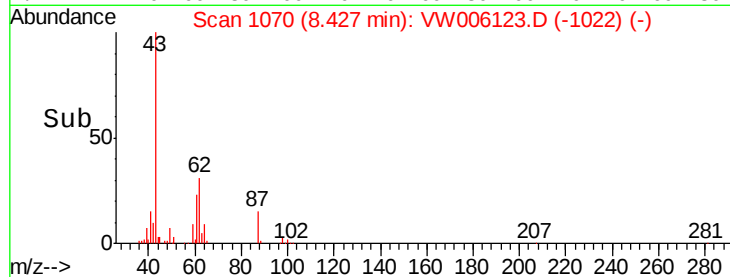
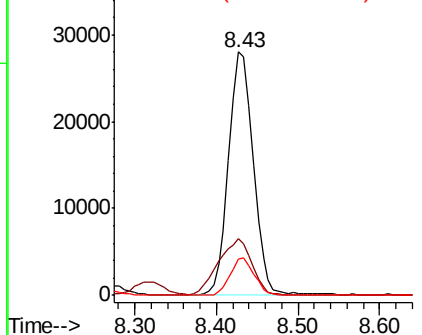


Abundance

Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

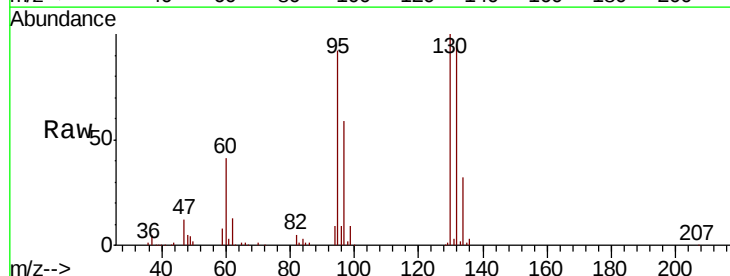
Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene
 Concen: 21.386 ug/l
 RT: 9.10 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VW006123.D
 Acq: 17 Oct 2018 13:53

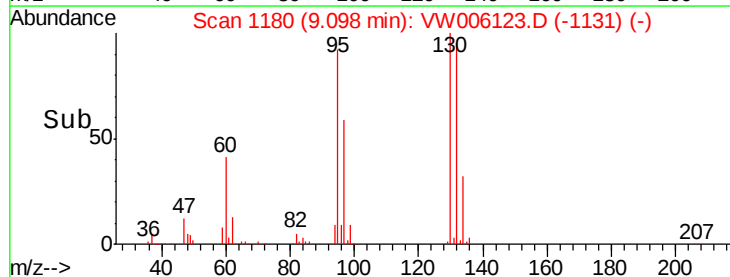
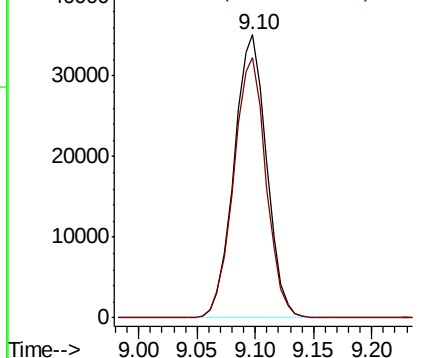
Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.1	0.0	183.2

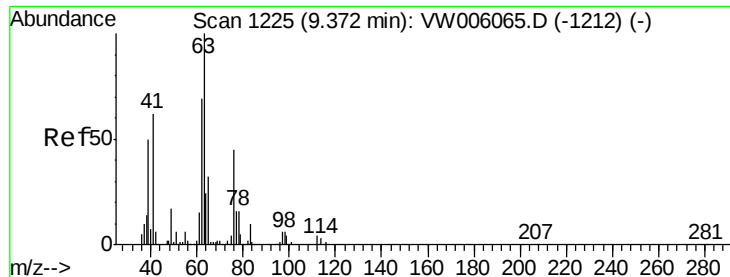


Abundance

Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW





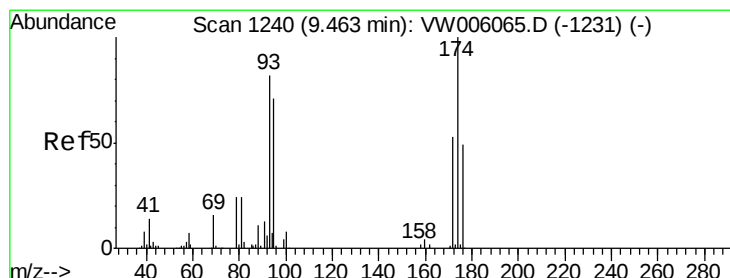
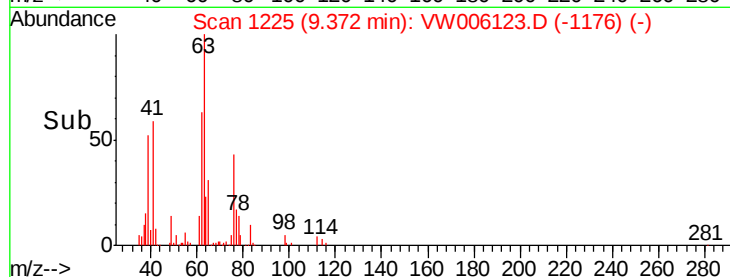
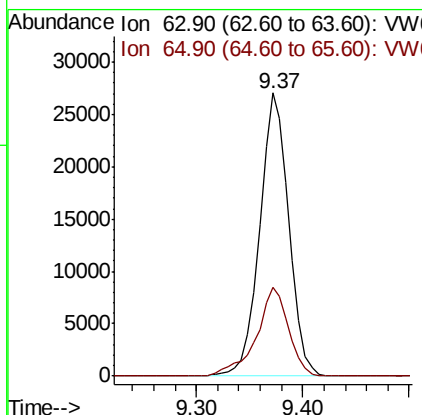
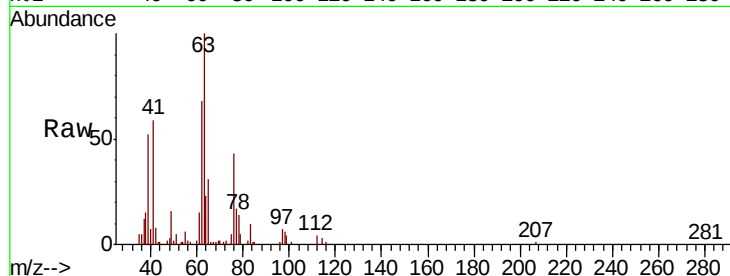
#45
 1,2-Dichloropropane
 Concen: 20.726 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW006123.D
 Acq: 17 Oct 2018 13:53

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1017SBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.2	25.4	38.0

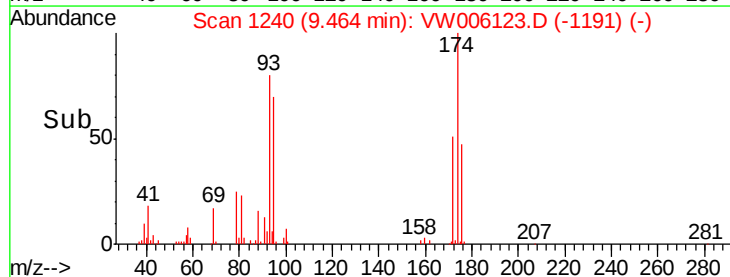
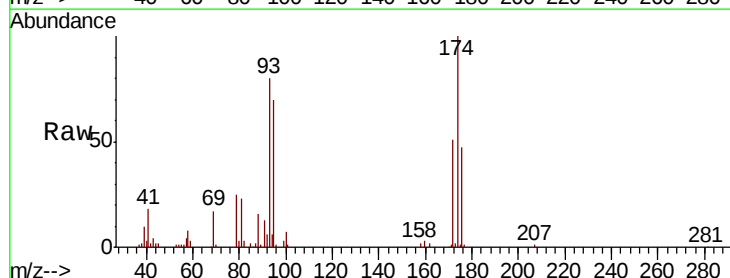
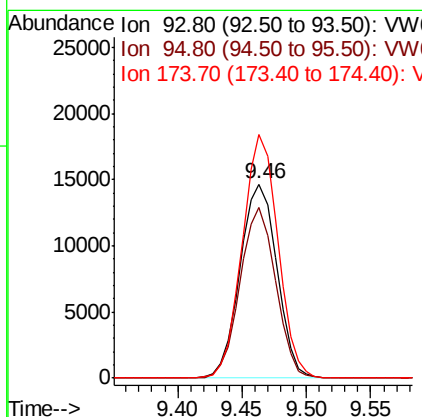
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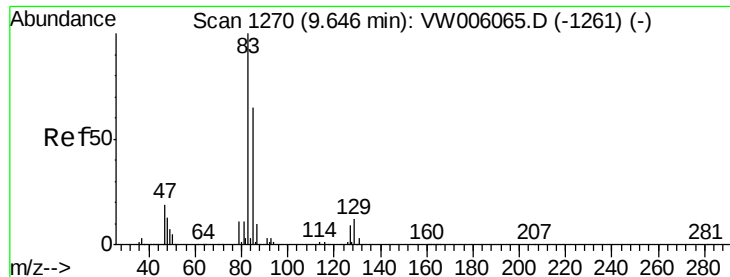
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#46
 Dibromomethane
 Concen: 20.501 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW006123.D
 Acq: 17 Oct 2018 13:53

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.8	67.7	101.5
174	120.7	93.7	140.5





#47

Bromodichloromethane

Concen: 19.940 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW006123.D

Acq: 17 Oct 2018 13:53

Instrument :

MSVOA_W

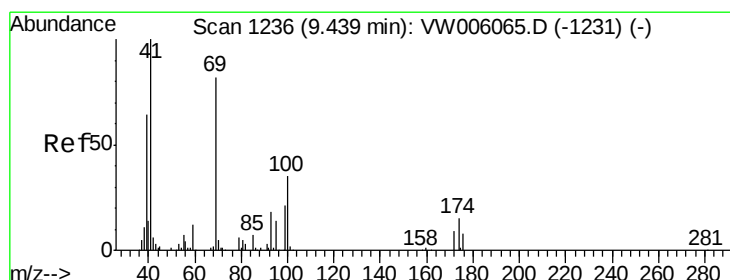
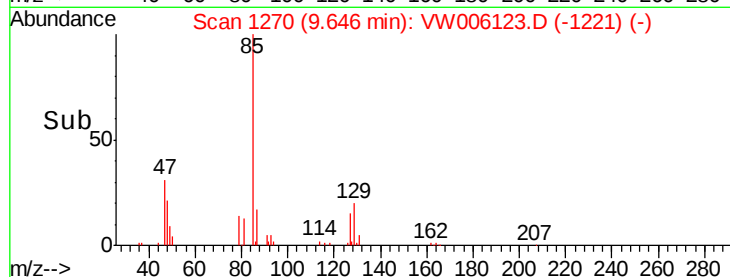
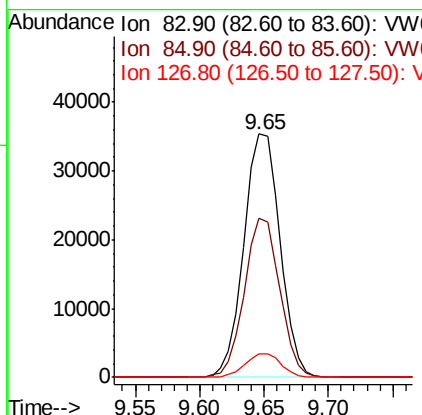
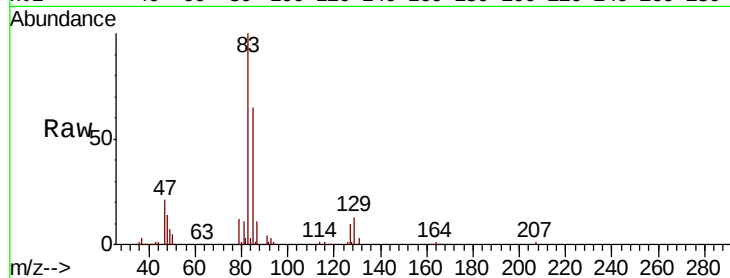
ClientSampleId :

VW1017SBSD01

Tot Ion:	83	Resp:	68746
Ion	Ratio	Lower	Upper
83	100		
85	65.1	51.8	77.8
127	9.5	6.9	10.3

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#48

Methyl methacrylate

Concen: 20.708 ug/l

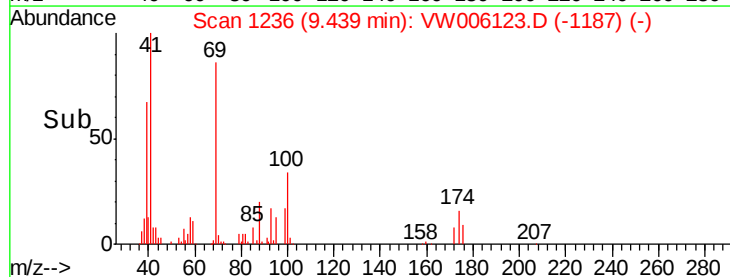
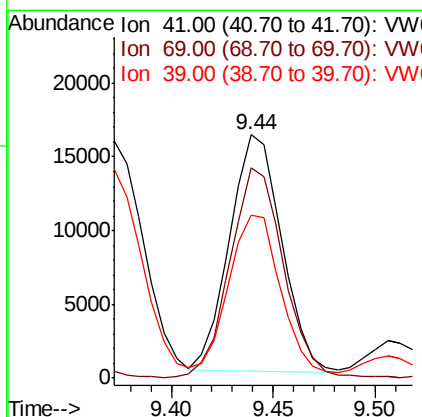
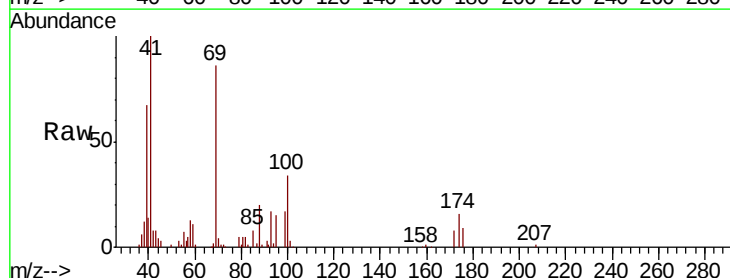
RT: 9.44 min Scan# 1236

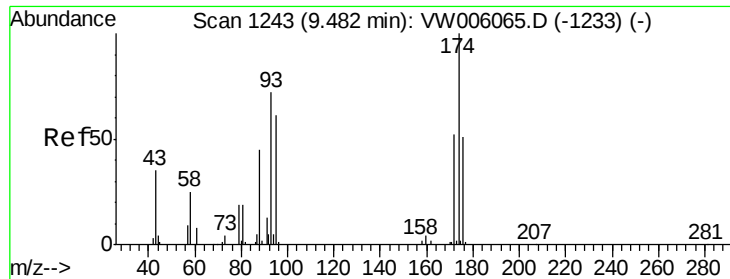
Delta R.T. 0.00 min

Lab File: VW006123.D

Acq: 17 Oct 2018 13:53

Tgt Ion:	41	Resp:	28344
Ion	Ratio	Lower	Upper
41	100		
69	90.8	71.8	107.8
39	70.6	52.5	78.7





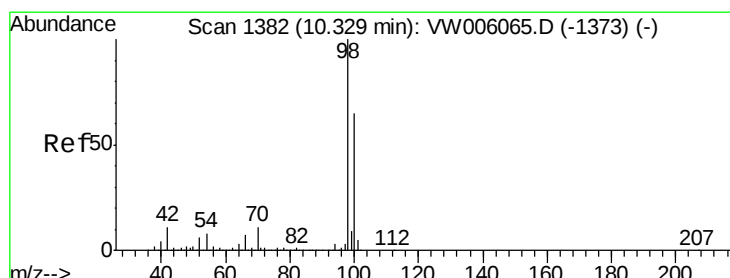
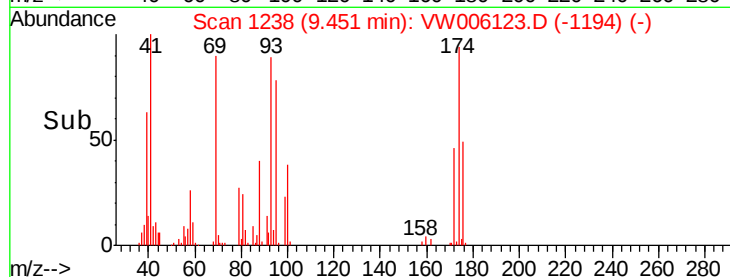
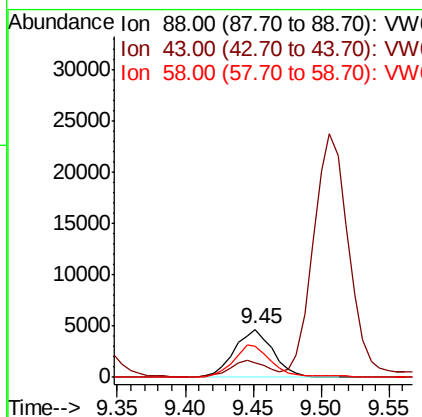
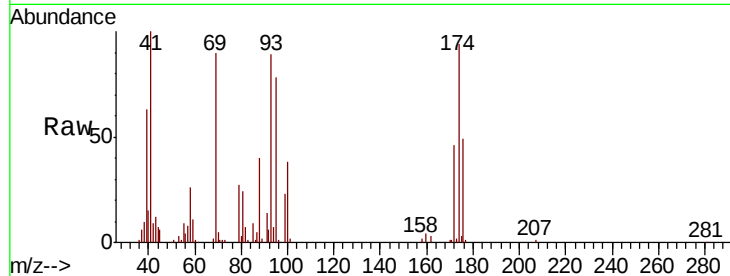
#49
1,4-Dioxane
Concen: 422.491 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. -0.03 min
Lab File: VW006123.D
Acq: 17 Oct 2018 13:53

Instrument :
MSVOA_W
ClientSampleId :
VW1017SBSD01

Tot Ion	88	Resp	9249
Ion Ratio	Lower	Upper	
88	100		
43	34.5	0.0	0.0#
58	65.5	51.2	76.8

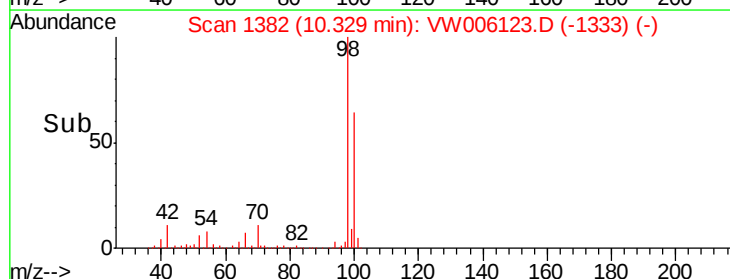
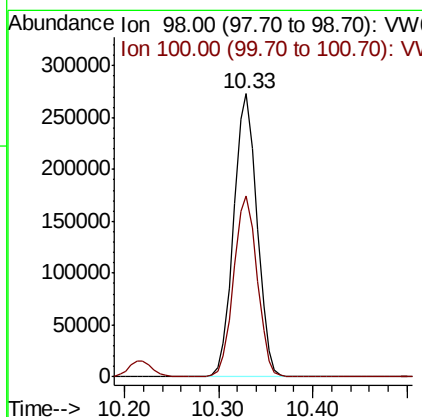
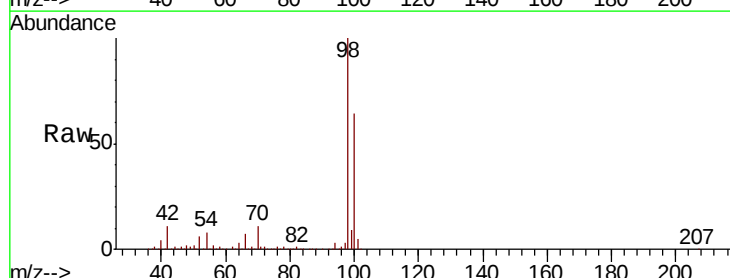
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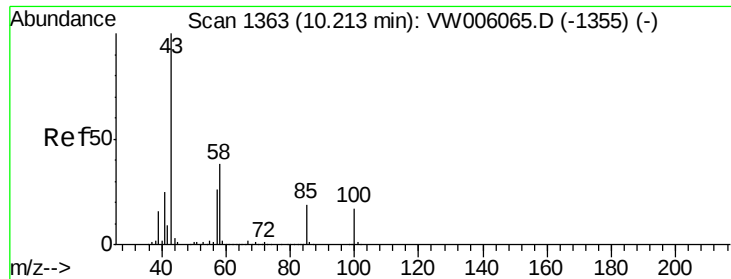
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#50
Toluene-d8
Concen: 50.730 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006123.D
Acq: 17 Oct 2018 13:53

Tgt Ion	98	Resp	470302
Ion Ratio	Lower	Upper	
98	100		
100	64.5	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 104.118 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW006123.D

Acq: 17 Oct 2018 13:53

Instrument :

MSVOA_W

ClientSampleId :

VW1017SBS01

Tot Ion: 43 Resp: 150632

Ion Ratio Lower Upper

43 100

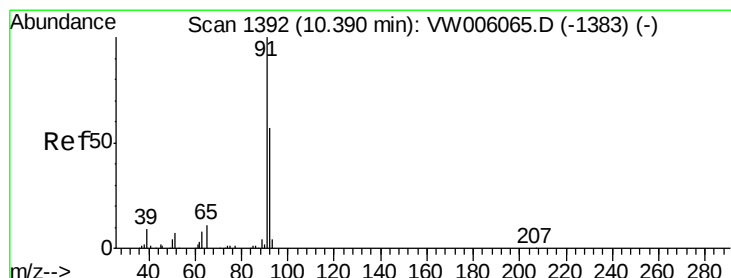
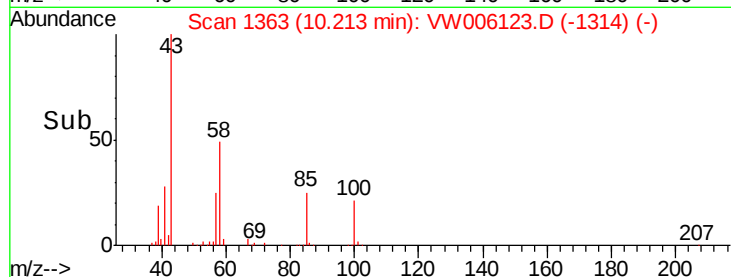
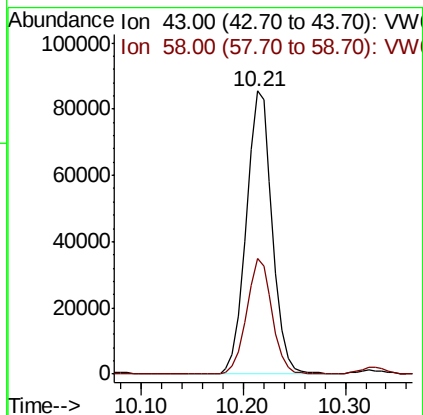
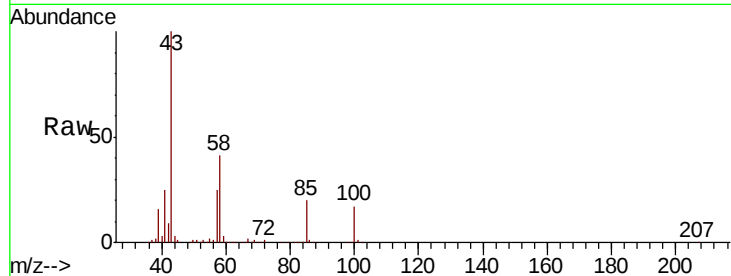
58 39.9 31.5 47.3

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#52

Toluene

Concen: 20.944 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006123.D

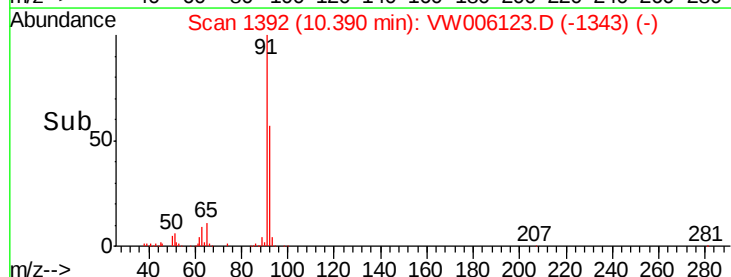
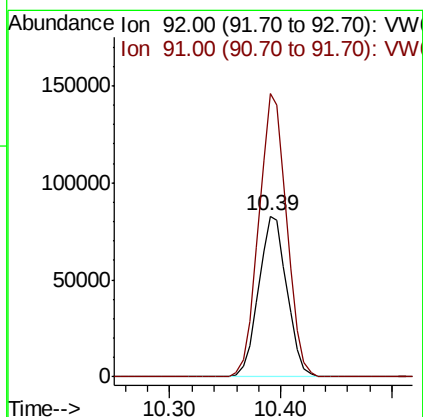
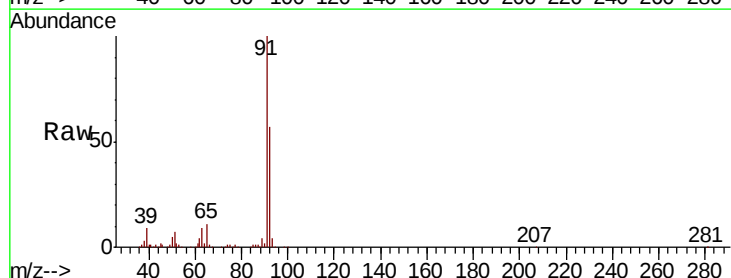
Acq: 17 Oct 2018 13:53

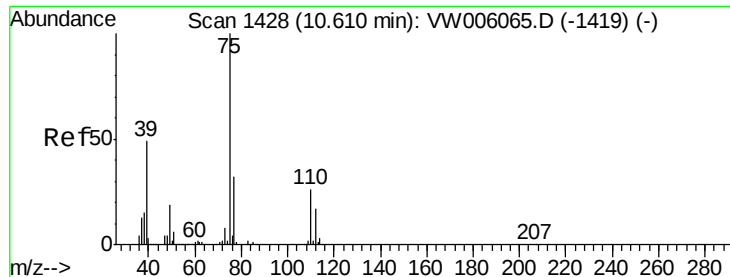
Tgt Ion: 92 Resp: 146402

Ion Ratio Lower Upper

92 100

91 174.4 140.0 210.0





#53

t-1,3-Dichloropropene

Concen: 19.728 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW006123.D

Acq: 17 Oct 2018 13:53

Instrument :

MSVOA_W

ClientSampleId :

VW1017SBSD01

Tot Ion: 75 Resp: 67765

Ion Ratio Lower Upper

75 100

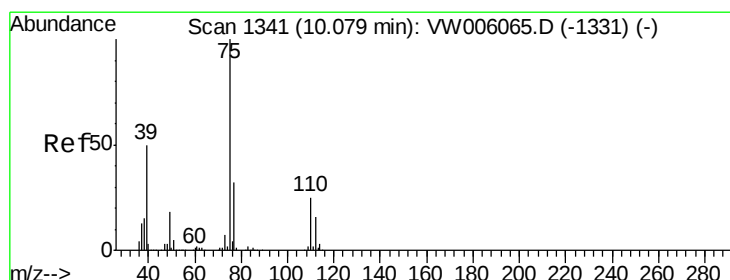
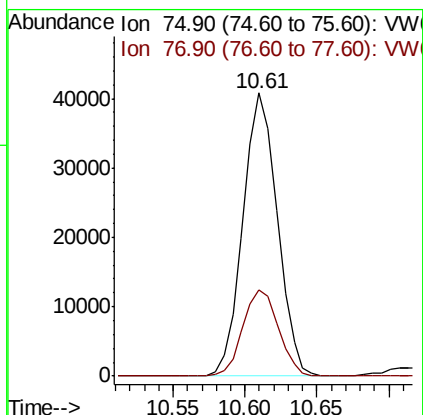
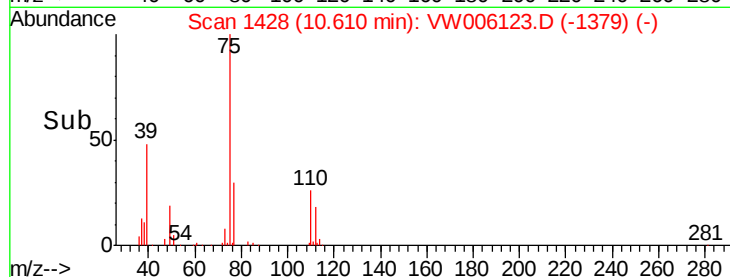
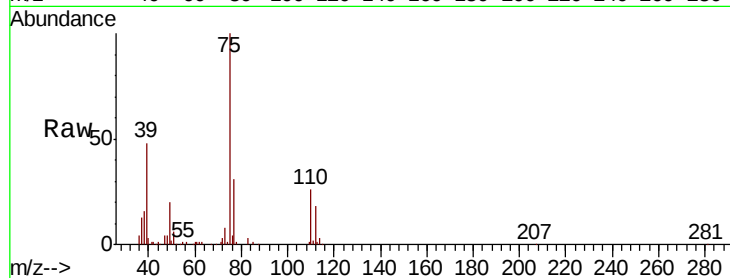
77 30.7 25.4 38.2

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#54

cis-1,3-Dichloropropene

Concen: 20.279 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. 0.00 min

Lab File: VW006123.D

Acq: 17 Oct 2018 13:53

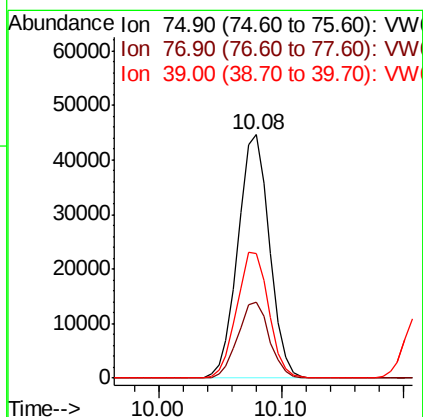
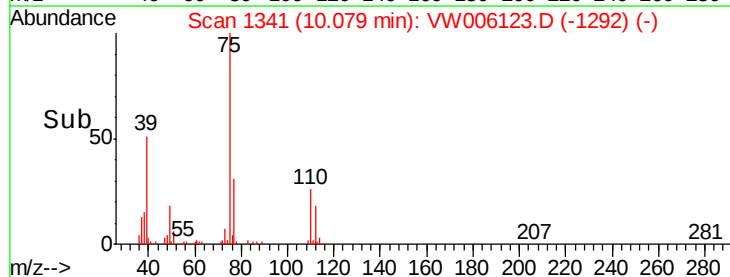
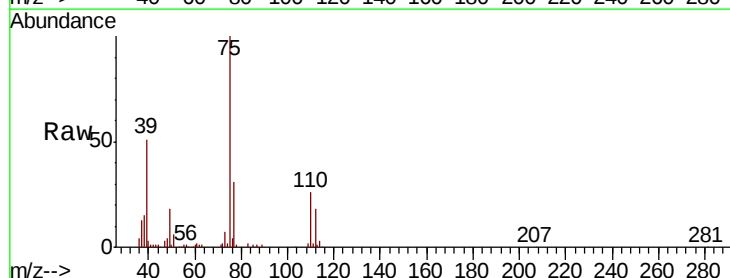
Tgt Ion: 75 Resp: 79946

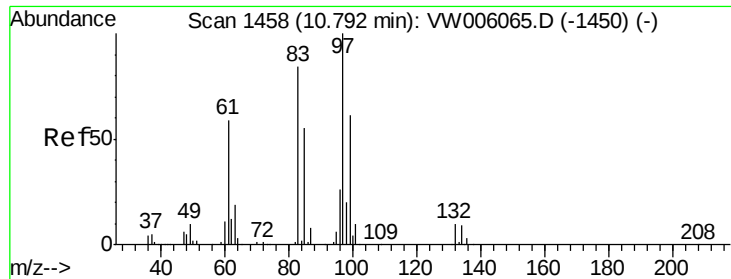
Ion Ratio Lower Upper

75 100

77 31.2 25.2 37.8

39 51.2 39.9 59.9





#55

1,1,2-Trichloroethane

Concen: 20.787 ug/l

RT: 10.79 min Scan# 1458

Delta R.T. 0.00 min

Lab File: VW006123.D

Acq: 17 Oct 2018 13:53

Instrument :

MSVOA_W

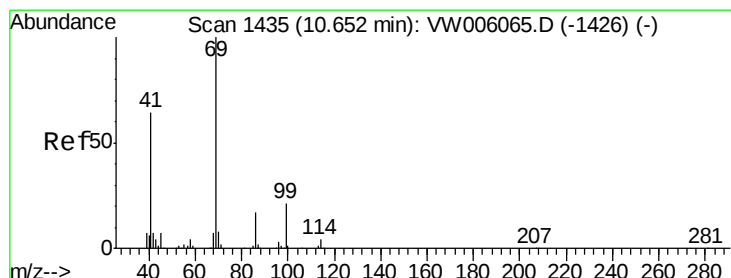
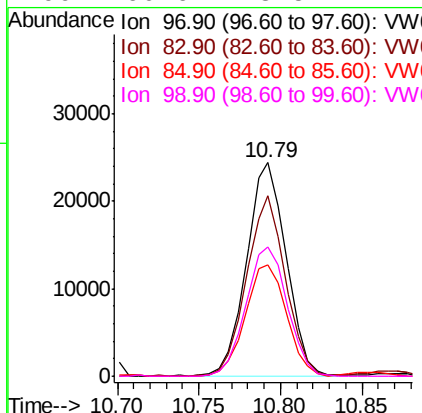
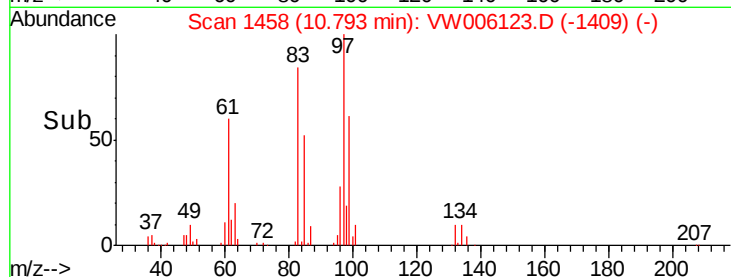
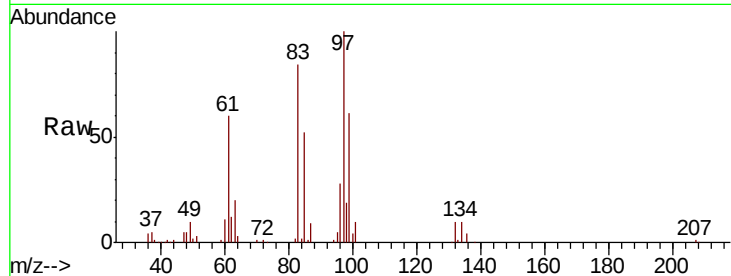
ClientSampleId :

VW1017SBSD01

Tot Ion:	97	Resp:	41365
Ion	Ratio	Lower	Upper
97	100		
83	84.2	67.2	100.8
85	52.1	43.7	65.5
99	60.6	48.5	72.7

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#56

Ethyl methacrylate

Concen: 20.660 ug/l

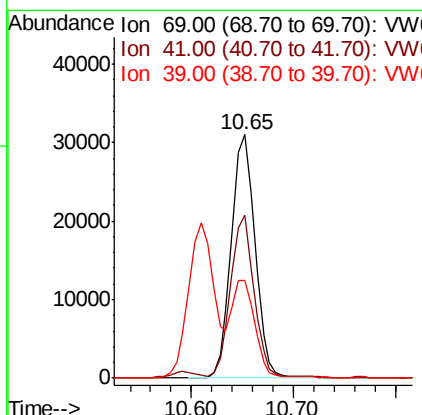
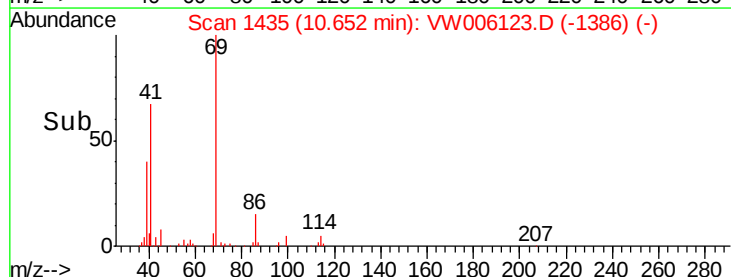
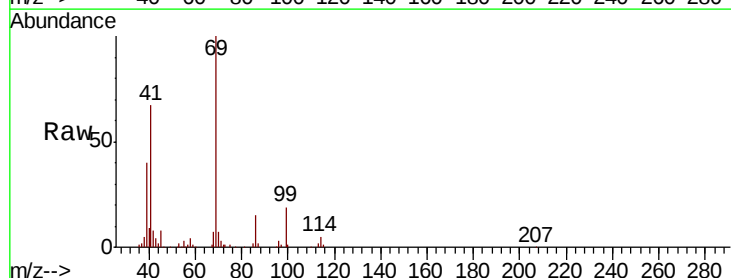
RT: 10.65 min Scan# 1435

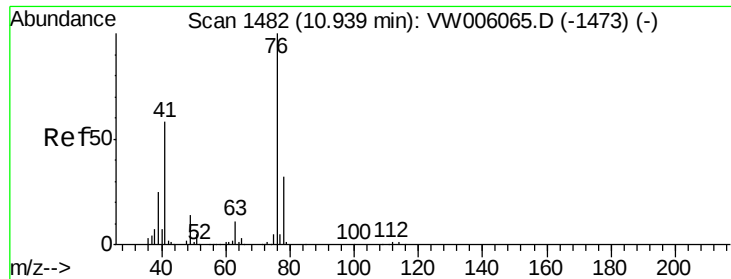
Delta R.T. 0.00 min

Lab File: VW006123.D

Acq: 17 Oct 2018 13:53

Tgt Ion:	69	Resp:	50400
Ion	Ratio	Lower	Upper
69	100		
41	65.1	52.8	79.2
39	37.4	30.6	45.8





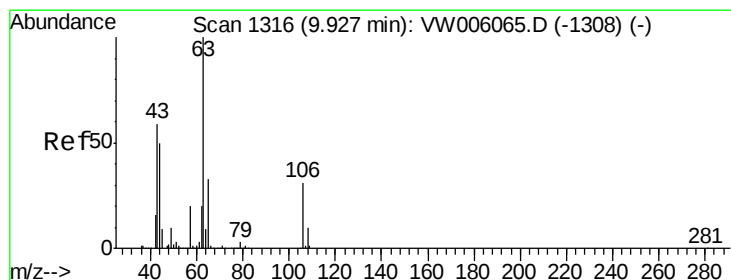
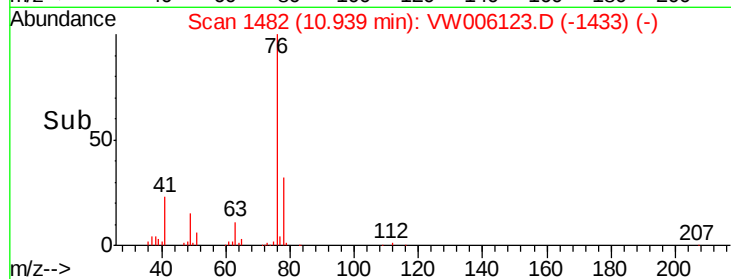
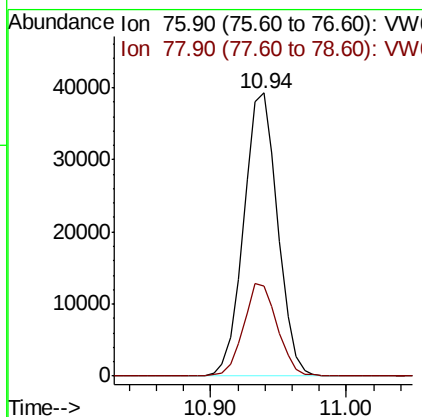
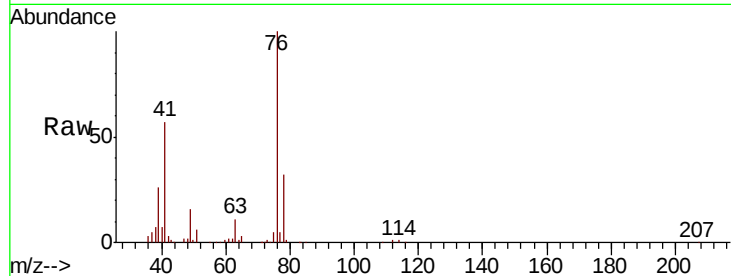
#57
 1,3-Dichloropropane
 Concen: 20.793 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. 0.00 min
 Lab File: VW006123.D
 Acq: 17 Oct 2018 13:53

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1017SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.6	25.9	38.9

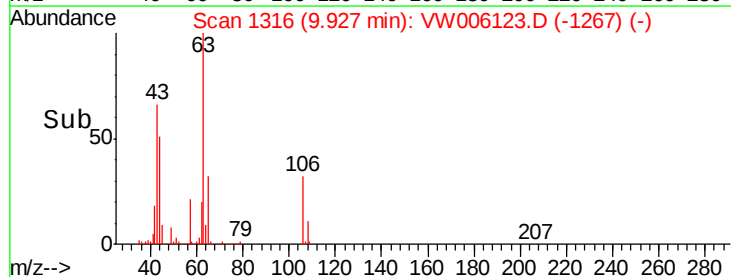
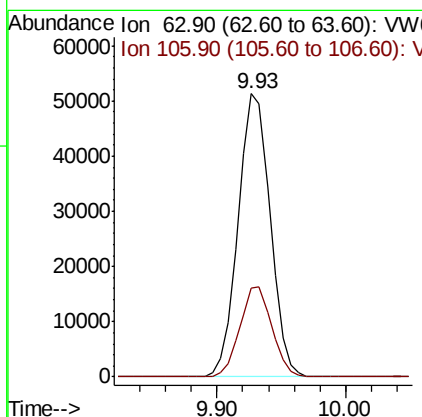
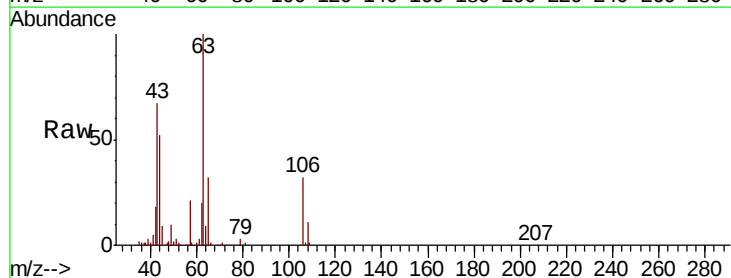
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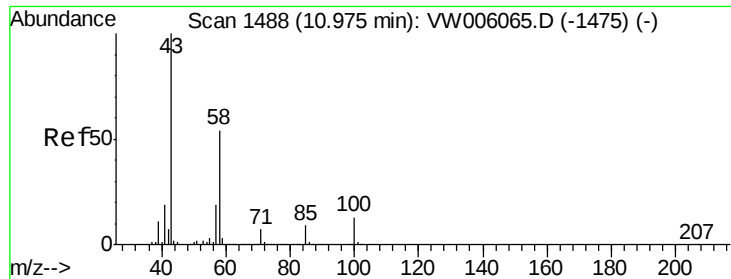
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#58
 2-Chloroethyl Vinyl ether
 Concen: 94.703 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW006123.D
 Acq: 17 Oct 2018 13:53

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.7	24.5	36.7





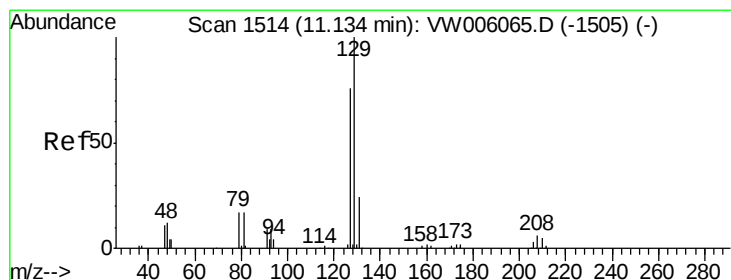
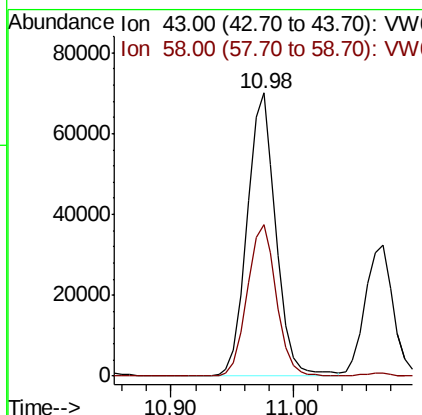
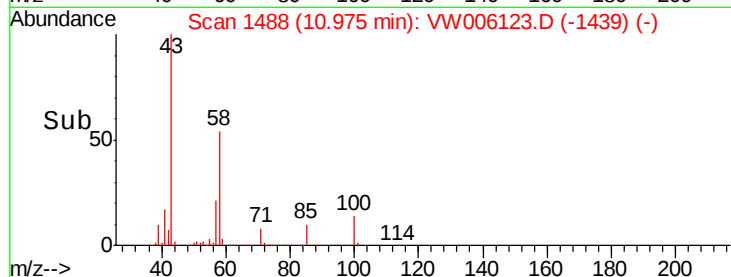
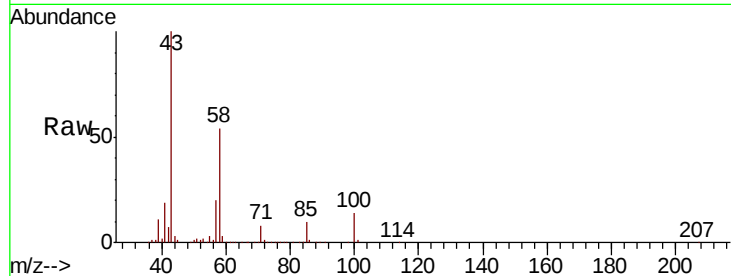
#59
2-Hexanone
Concen: 110.810 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW006123.D
Acq: 17 Oct 2018 13:53

Instrument :
MSVOA_W
ClientSampleId :
VW1017SBS01

Tot Ion: 43 Resp: 114438
Ion Ratio Lower Upper
43 100
58 54.1 26.9 80.6

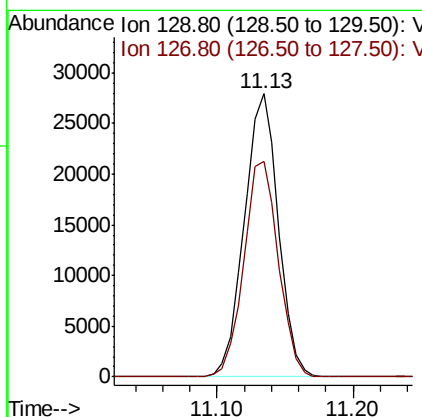
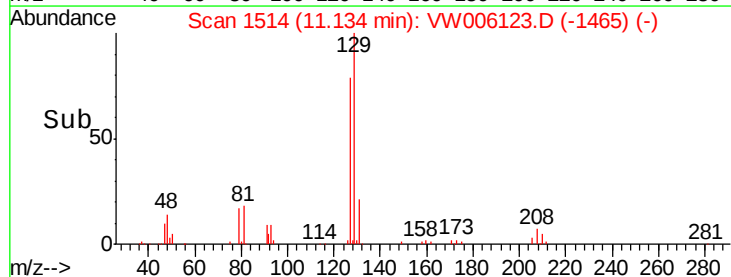
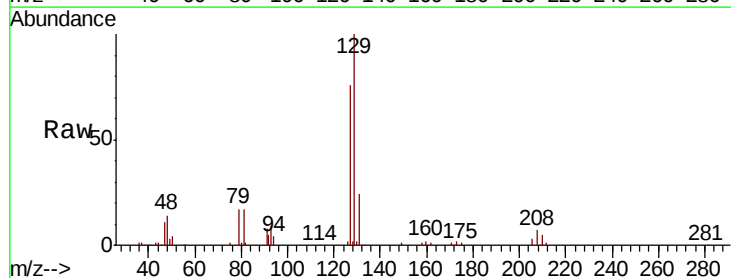
Manual Integrations
APPROVED

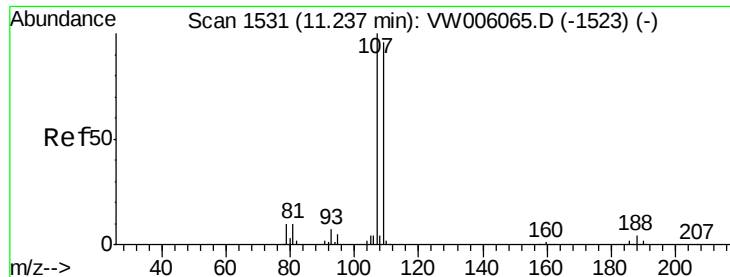
apatel
10/18/2018 11:04:29 AM



#60
Dibromochloromethane
Concen: 19.742 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW006123.D
Acq: 17 Oct 2018 13:53

Tgt Ion: 129 Resp: 48935
Ion Ratio Lower Upper
129 100
127 77.4 38.6 115.7





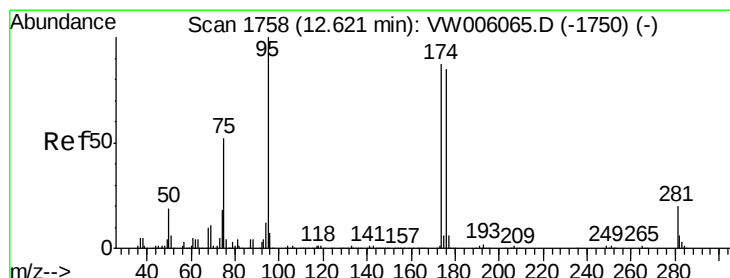
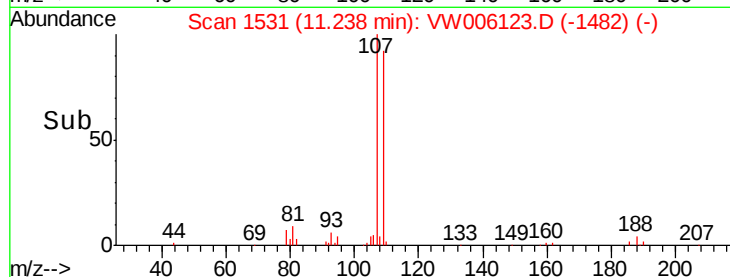
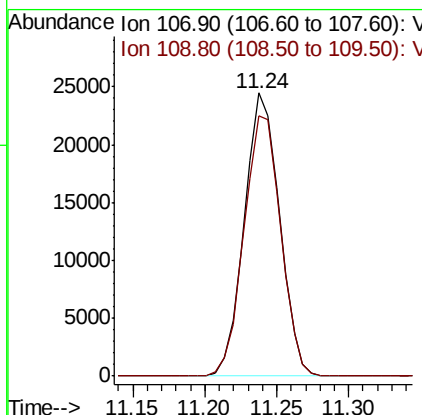
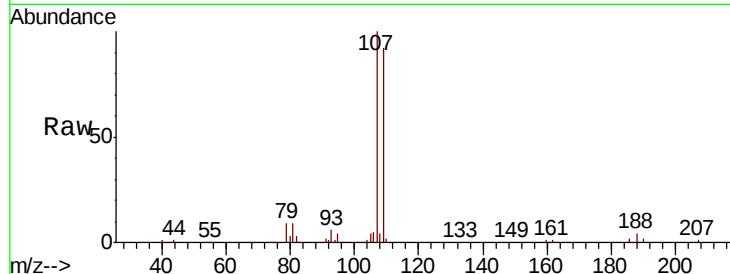
#61
 1,2-Dibromoethane
 Concen: 20.816 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW006123.D
 Acq: 17 Oct 2018 13:53

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1017SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.9	76.3	114.5

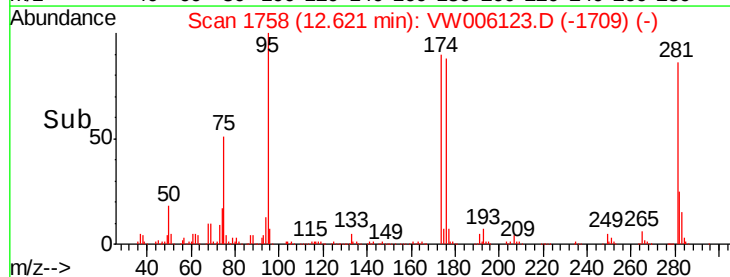
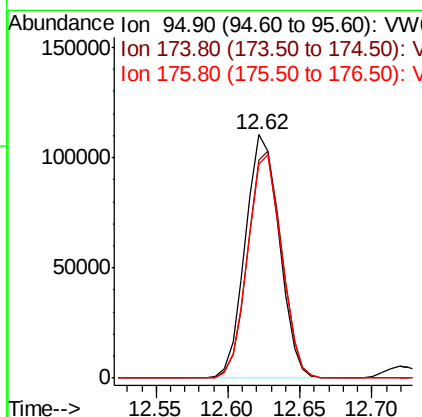
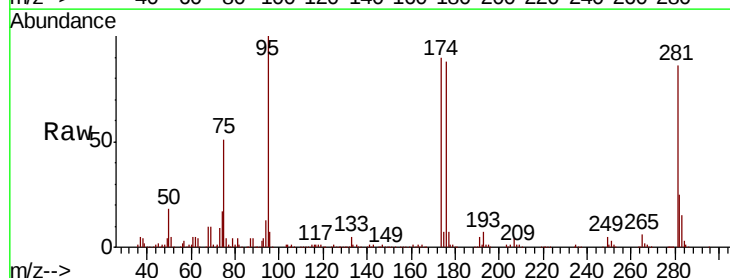
Manual Integrations
 APPROVED

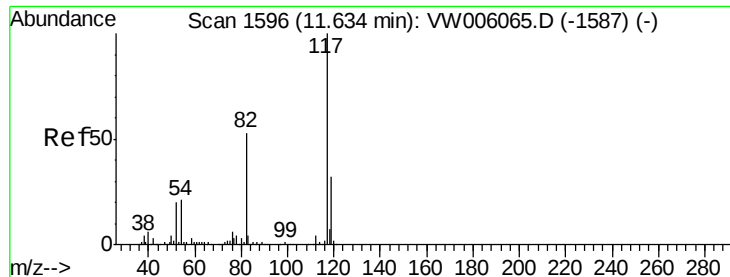
apatel
 10/18/2018 11:04:29 AM



#62
 4-Bromofluorobenzene
 Concen: 51.628 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW006123.D
 Acq: 17 Oct 2018 13:53

Tgt Ion	Ratio	Lower	Upper
95	100		
174	92.6	0.0	186.0
176	91.5	0.0	181.6





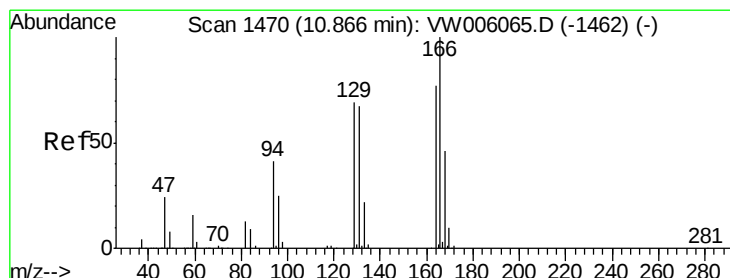
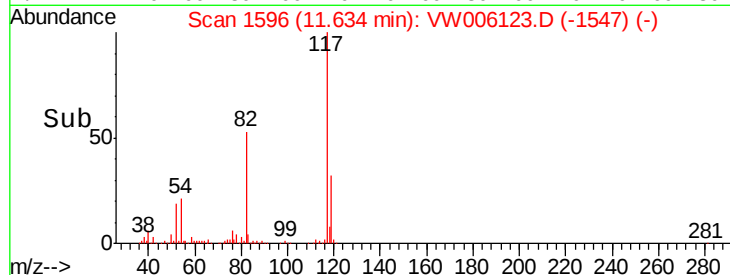
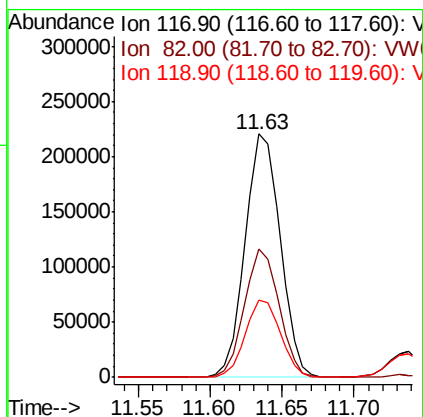
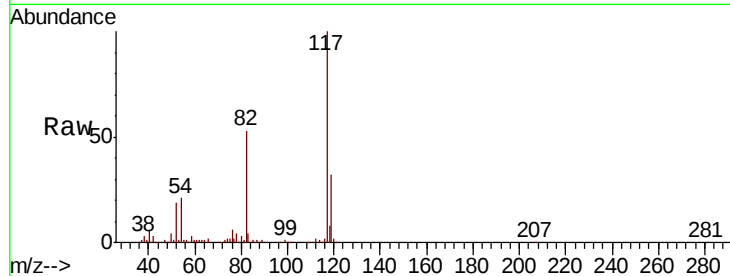
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006123.D
Acq: 17 Oct 2018 13:53

Instrument :
MSVOA_W
ClientSampleId :
VW1017SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.8	42.1	63.1
119	32.0	25.8	38.6

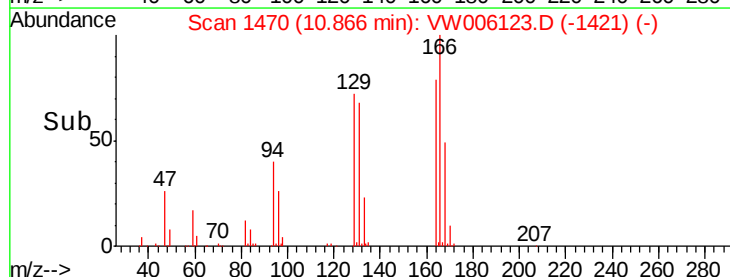
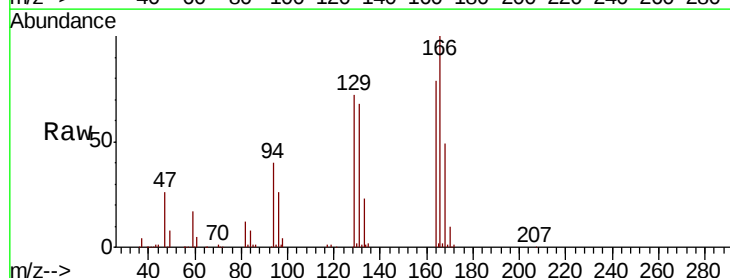
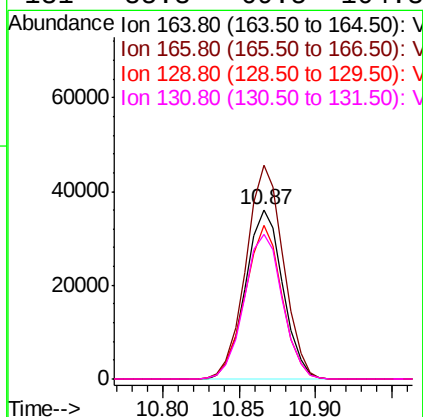
Manual Integrations
APPROVED

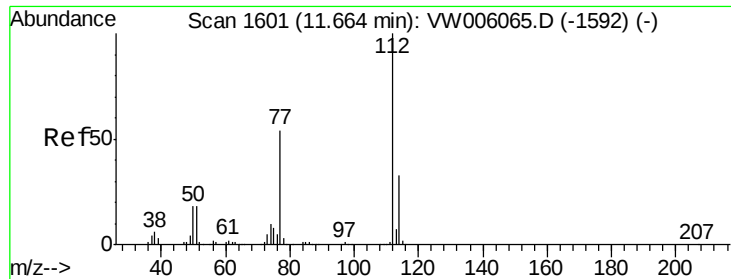
apatel
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#64
Tetrachloroethene
Concen: 21.236 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006123.D
Acq: 17 Oct 2018 13:53

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.3	103.4	155.0
129	90.6	71.8	107.8
131	85.3	69.5	104.3





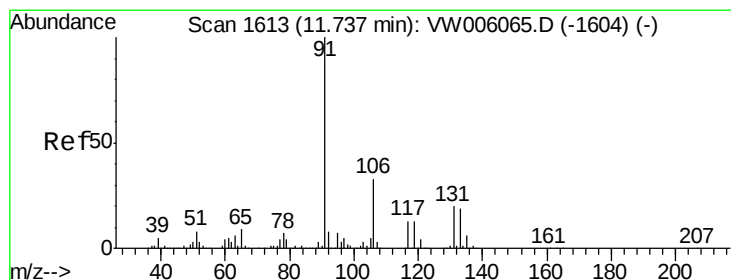
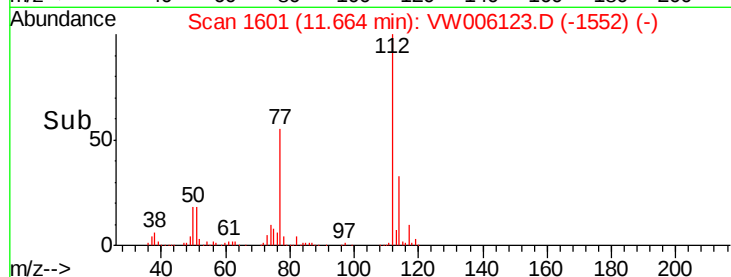
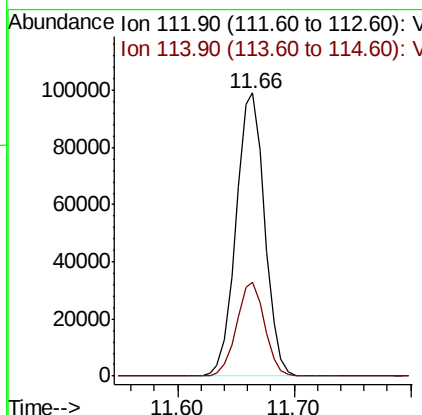
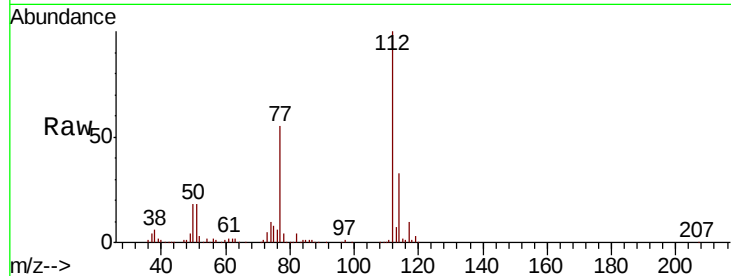
#65
Chlorobenzene
Concen: 21.240 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VW006123.D
Acq: 17 Oct 2018 13:53

Instrument :
MSVOA_W
ClientSampleId :
VW1017SBSD01

Tot Ion:112 Resp: 169173
Ion Ratio Lower Upper
112 100
114 33.1 26.2 39.2

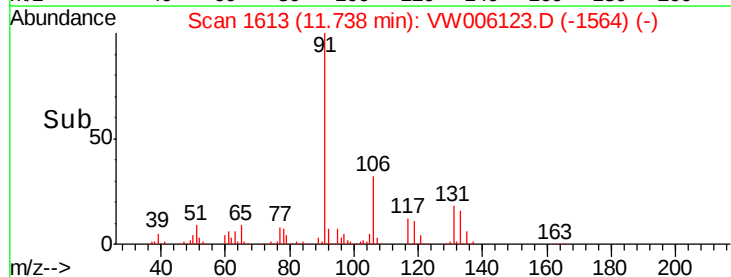
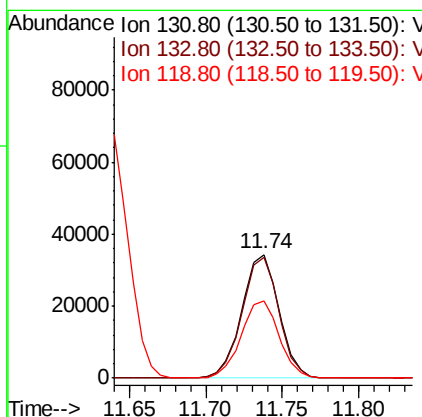
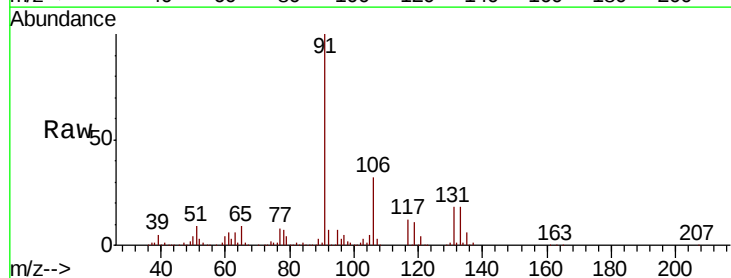
Manual Integrations
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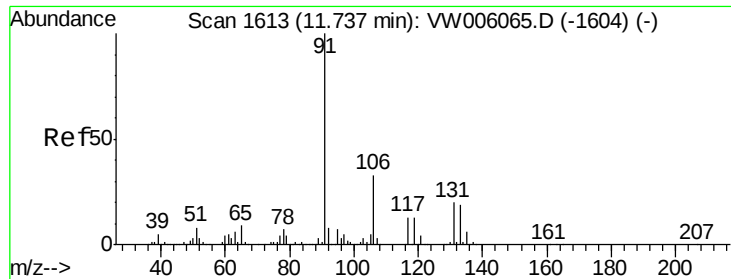
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.519 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW006123.D
Acq: 17 Oct 2018 13:53

Tgt Ion:131 Resp: 58080
Ion Ratio Lower Upper
131 100
133 96.9 48.1 144.3
119 63.9 31.6 94.7





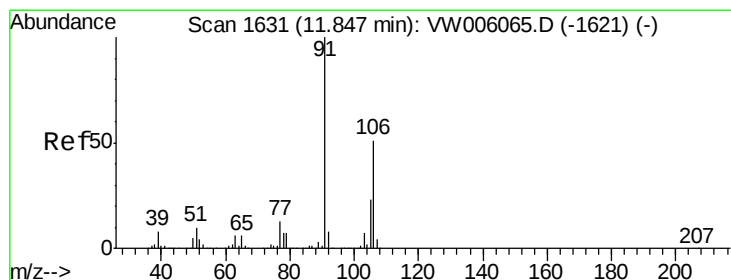
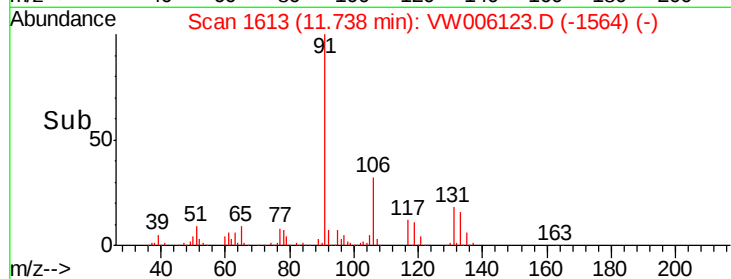
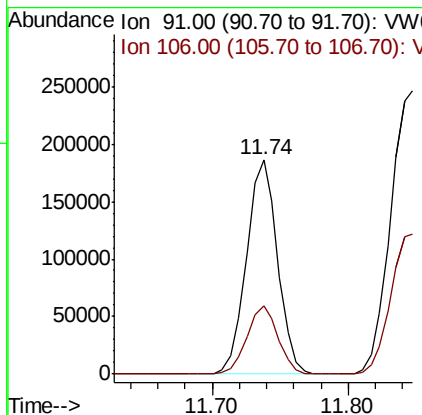
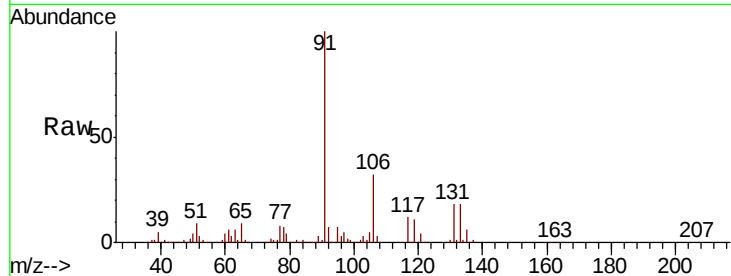
#67
Ethyl Benzene
Concen: 21.496 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW006123.D
Acq: 17 Oct 2018 13:53

Instrument :
MSVOA_W
ClientSampleId :
VW1017SBS01

Tot Ion: 91 Resp: 296708
Ion Ratio Lower Upper
91 100
106 31.6 26.1 39.1

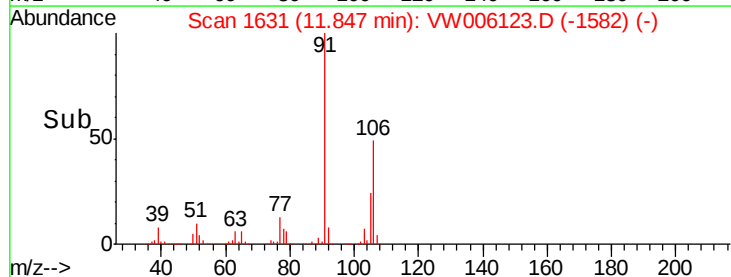
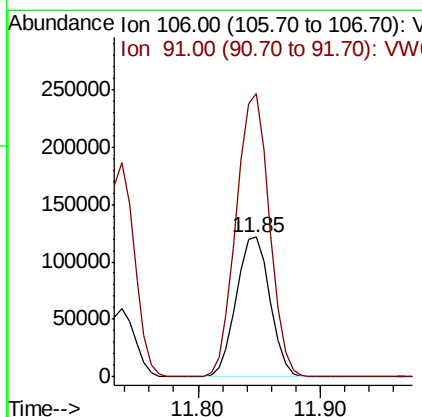
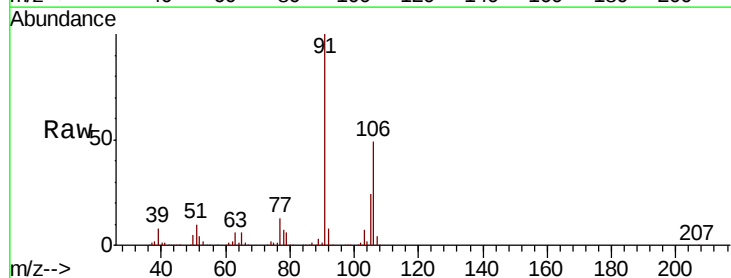
Manual Integrations
APPROVED

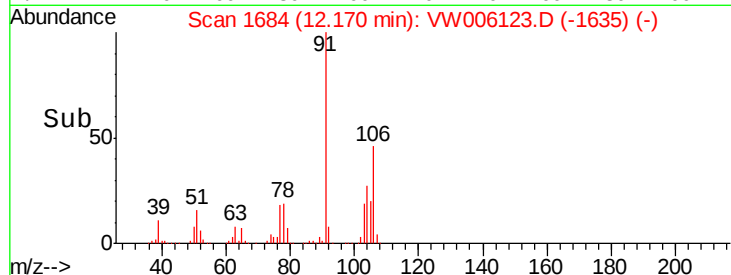
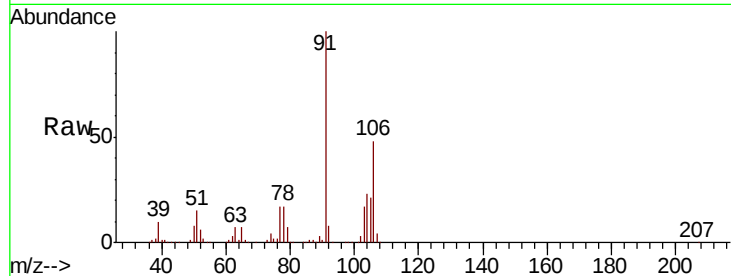
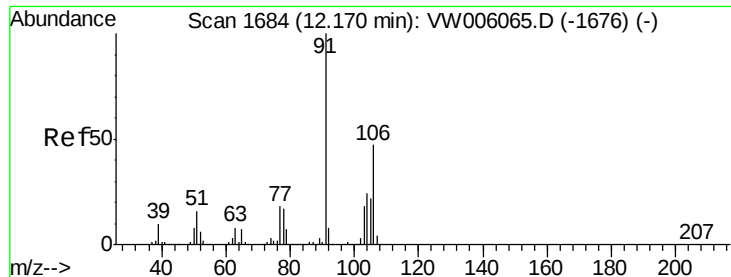
apatel
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#68
m/p-Xylenes
Concen: 42.613 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VW006123.D
Acq: 17 Oct 2018 13:53

Tgt Ion: 106 Resp: 232482
Ion Ratio Lower Upper
106 100
91 199.7 159.1 238.7





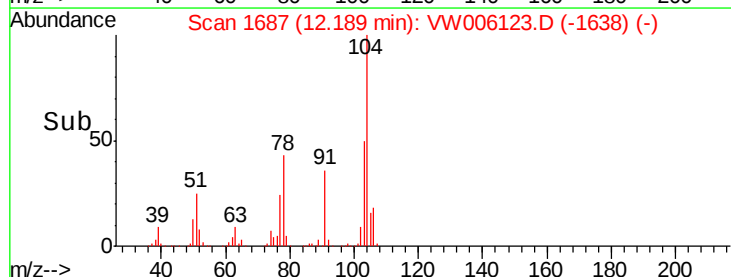
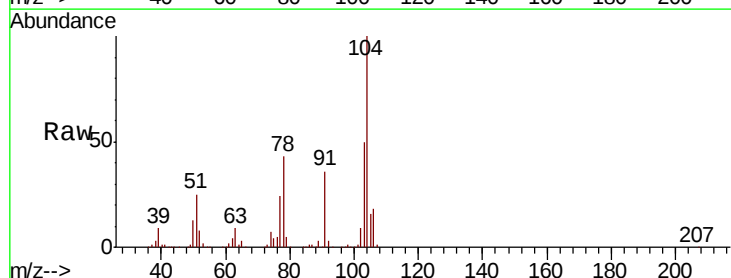
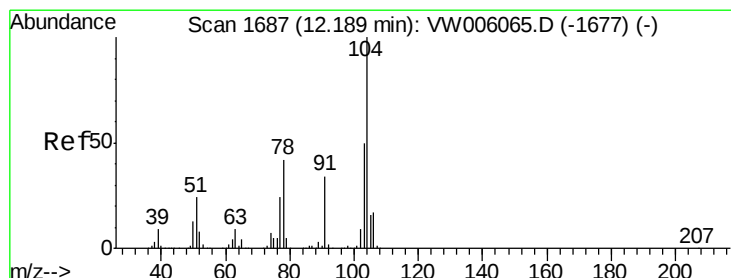
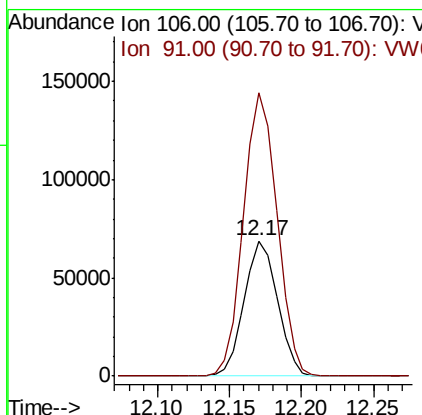
#69
o-Xylene
Concen: 21.273 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006123.D
Acq: 17 Oct 2018 13:53

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		110609		
91	210.8	105.4	316.1		

Instrument :
MSVOA_W
ClientSampleId :
VW1017SBS01

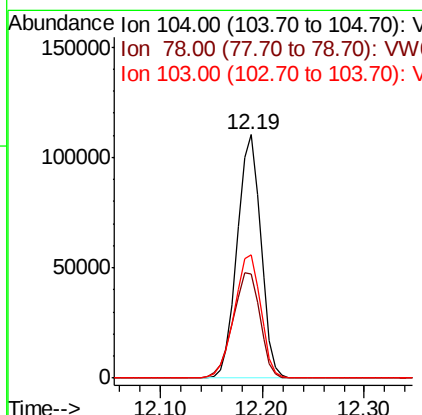
Manual Integrations
APPROVED

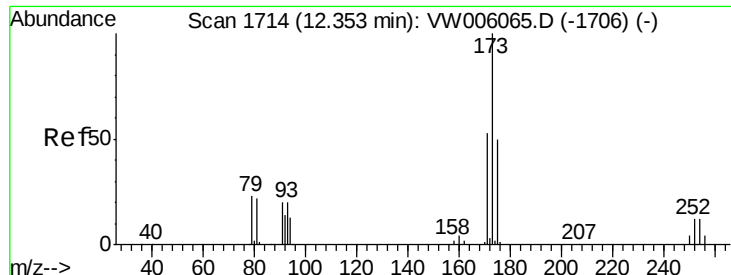
apatel
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#70
Styrene
Concen: 20.901 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VW006123.D
Acq: 17 Oct 2018 13:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		176721		
78	49.4	39.1	58.7		
103	56.4	44.3	66.5		





#71

Bromoform

Concen: 19.067 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW006123.D

Acq: 17 Oct 2018 13:53

Instrument :

MSVOA_W

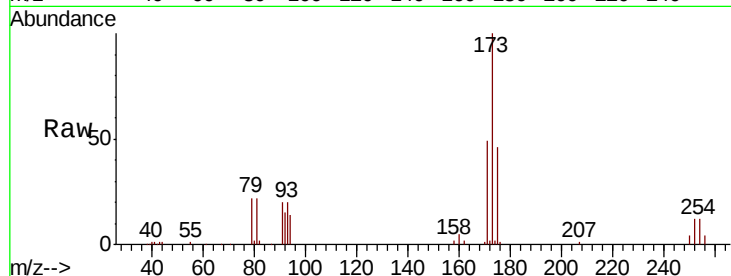
ClientSampleId :

VW1017SBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.9	24.2	72.6
254	0.1	0.1	0.1

Manual Integrations
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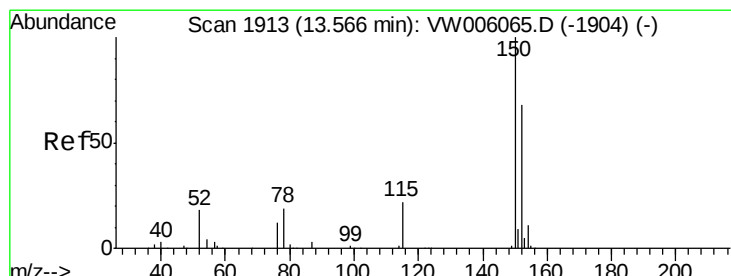
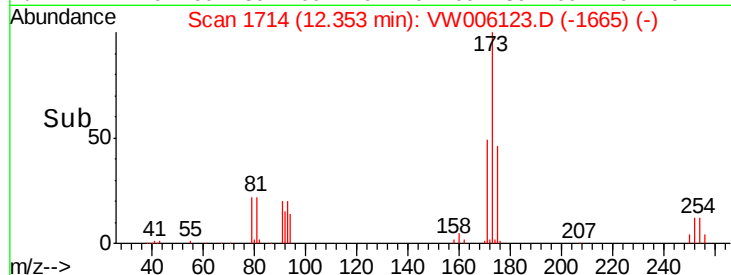
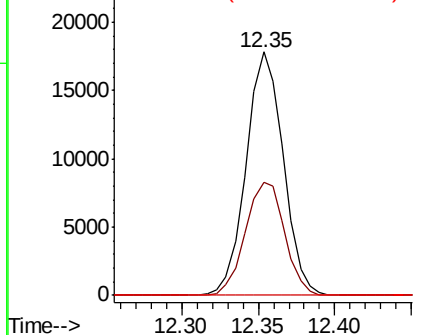


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

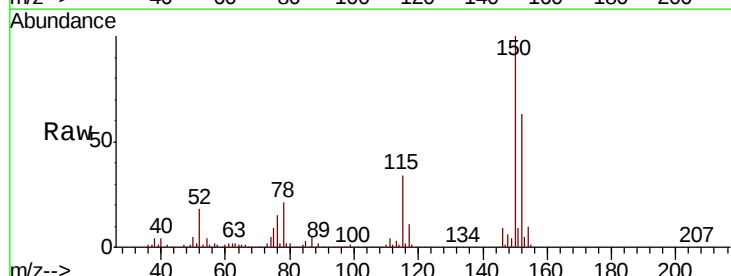
RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006123.D

Acq: 17 Oct 2018 13:53

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.9	27.8	83.3
150	163.1	0.0	349.2

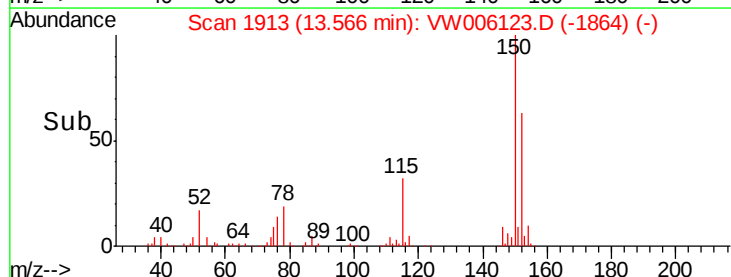
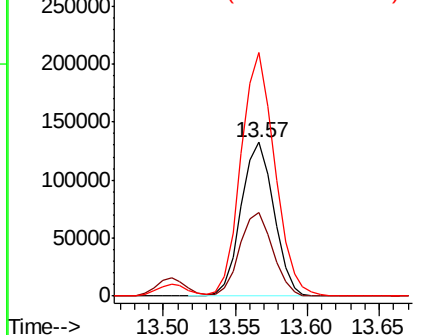


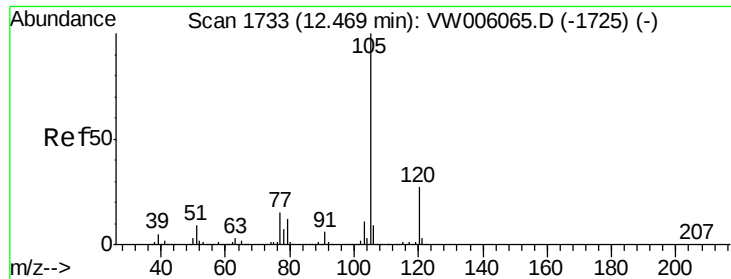
Abundance

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





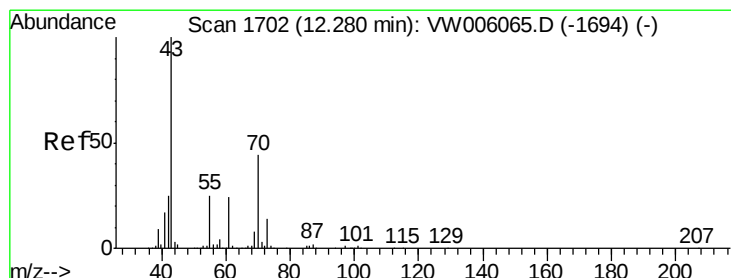
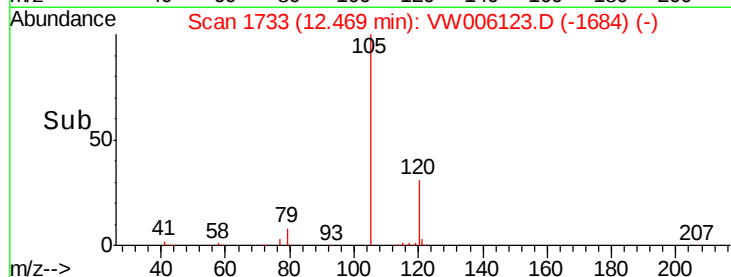
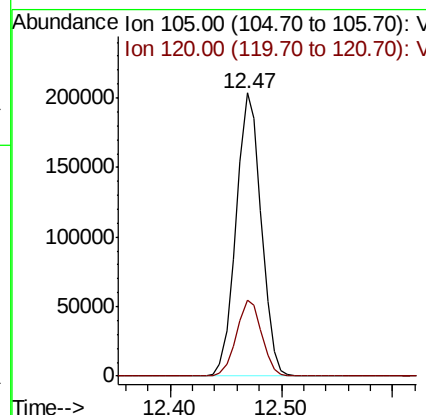
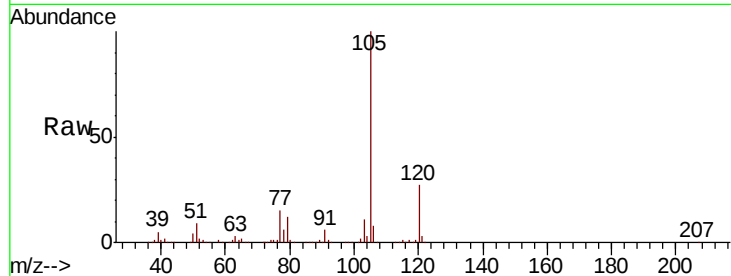
#73
Isopropylbenzene
Concen: 21.437 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VW006123.D
Acq: 17 Oct 2018 13:53

Instrument :
MSVOA_W
ClientSampleId :
VW1017SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.1	13.6	40.7

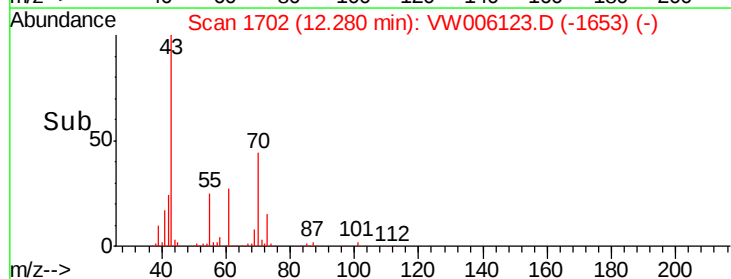
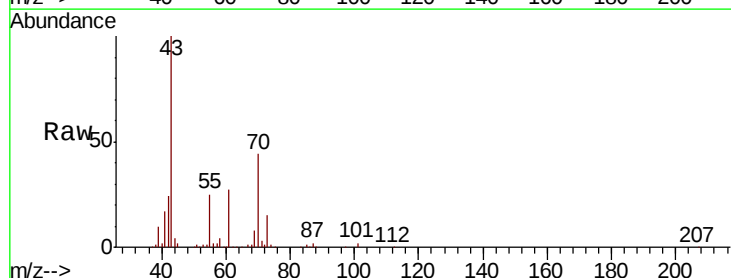
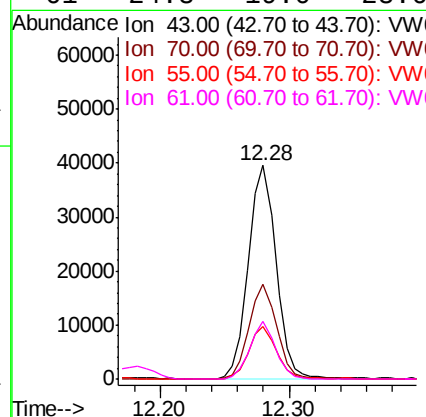
Manual Integrations
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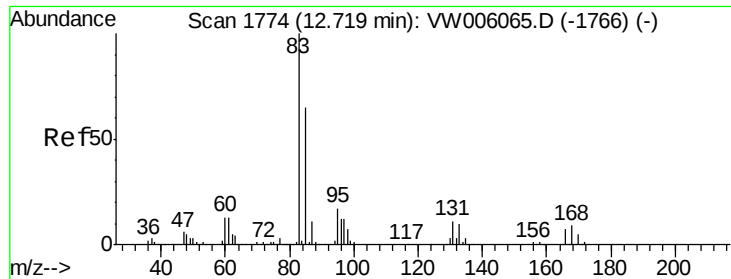
apatel
10/18/2018 11:04:29 AM



#74
N-ethyl acetate
Concen: 20.520 ug/l
RT: 12.28 min Scan# 1702
Delta R.T. 0.00 min
Lab File: VW006123.D
Acq: 17 Oct 2018 13:53

Tgt Ion	Ratio	Lower	Upper
43	100		
70	44.1	34.2	51.4
55	24.2	19.2	28.8
61	24.8	19.0	28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 20.762 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006123.D

Acq: 17 Oct 2018 13:53

Instrument :

MSVOA_W

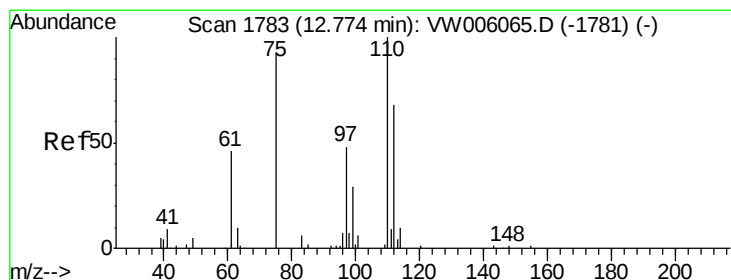
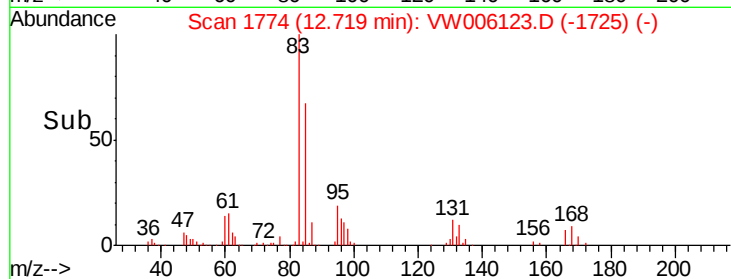
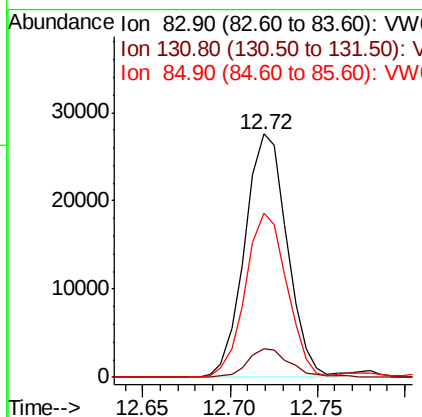
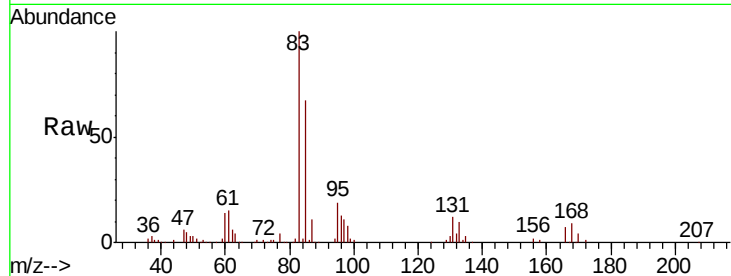
ClientSampleId :

VW1017SBSD01

Tot Ion:	83	Resp:	46706
Ion Ratio	Lower	Upper	
83	100		
131	11.9	5.9	17.7
85	65.9	31.9	95.9

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#76

1,2,3-Trichloropropane

Concen: 20.286 ug/l m

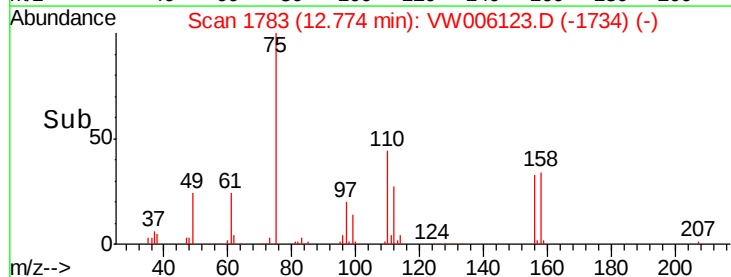
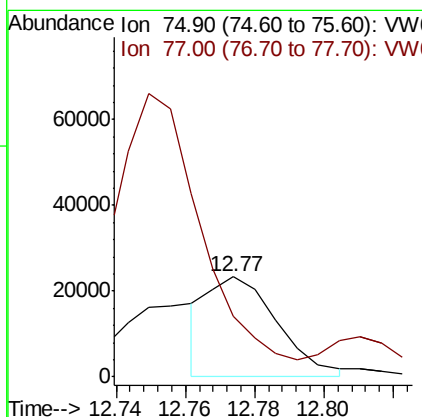
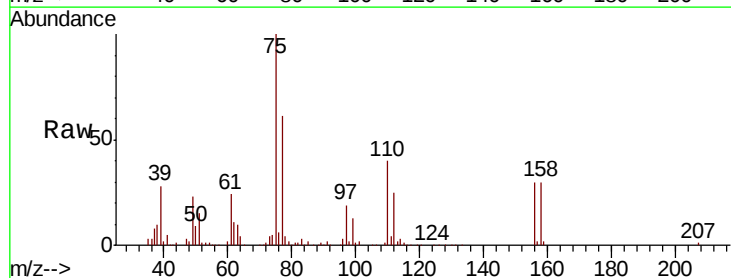
RT: 12.77 min Scan# 1783

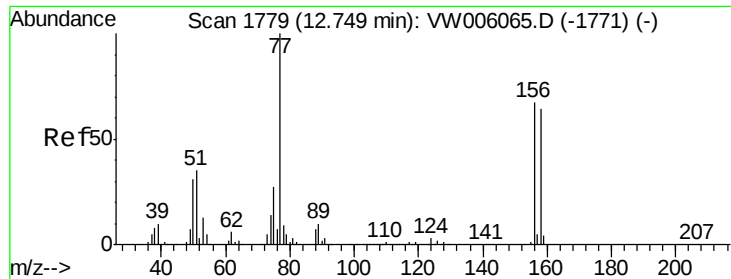
Delta R.T. 0.00 min

Lab File: VW006123.D

Acq: 17 Oct 2018 13:53

Tgt Ion:	75	Resp:	32440
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.980 ug/l

RT: 12.76 min Scan# 1780

Delta R.T. 0.01 min

Lab File: VW006123.D

Acq: 17 Oct 2018 13:53

Instrument :

MSVOA_W

ClientSampleId :

VW1017SBS01

Tot Ion:156 Resp: 76008

Ion Ratio Lower Upper

156 100

77 159.0 79.1 237.4

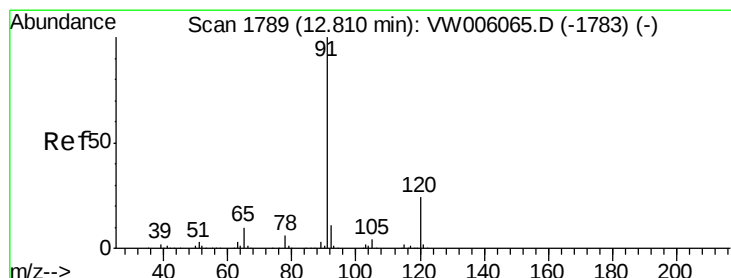
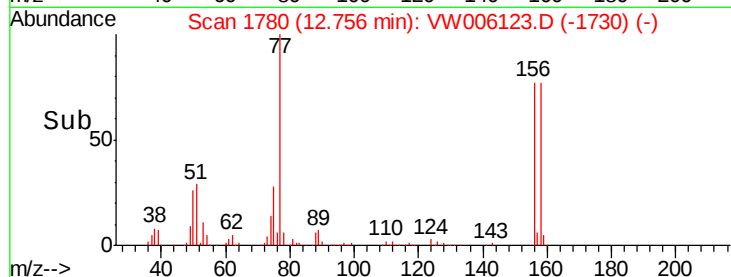
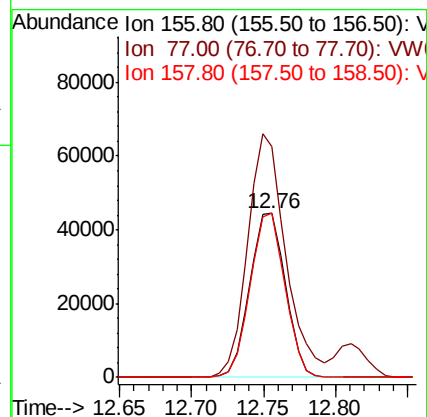
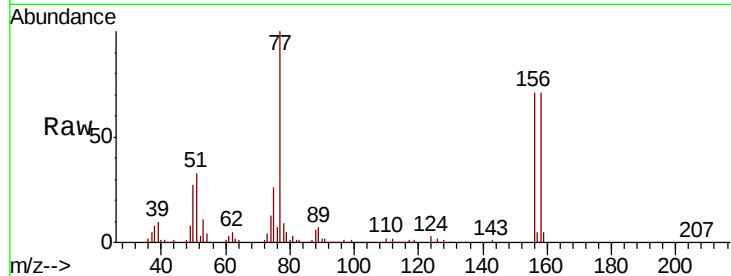
158 97.6 48.5 145.6

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#78

n-propylbenzene

Concen: 21.419 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW006123.D

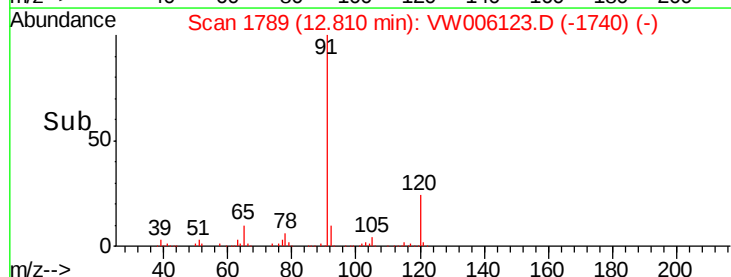
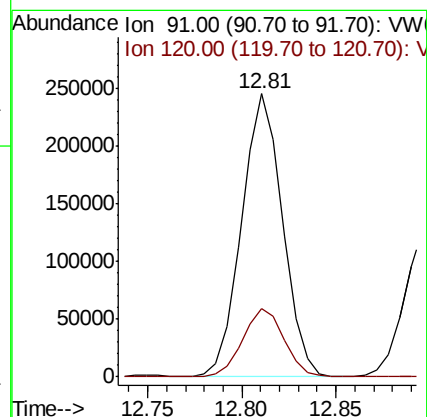
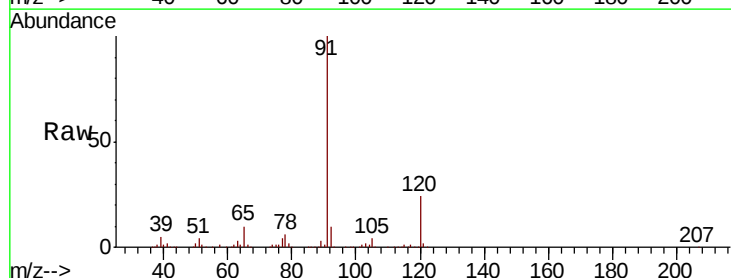
Acq: 17 Oct 2018 13:53

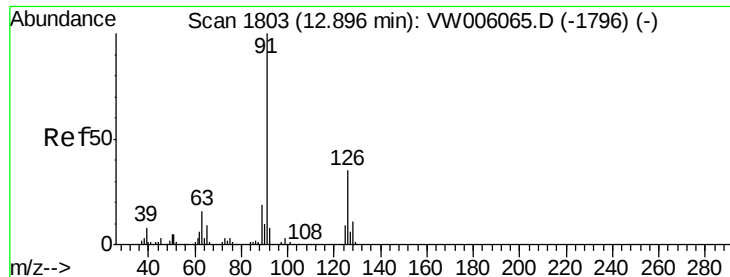
Tgt Ion: 91 Resp: 368576

Ion Ratio Lower Upper

91 100

120 24.4 12.2 36.6





#79

2-Chlorotoluene

Concen: 21.171 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW006123.D

Acq: 17 Oct 2018 13:53

Instrument :

MSVOA_W

ClientSampleId :

VW1017SBS01

Tot Ion: 91 Resp: 204689

Ion Ratio Lower Upper

91 100

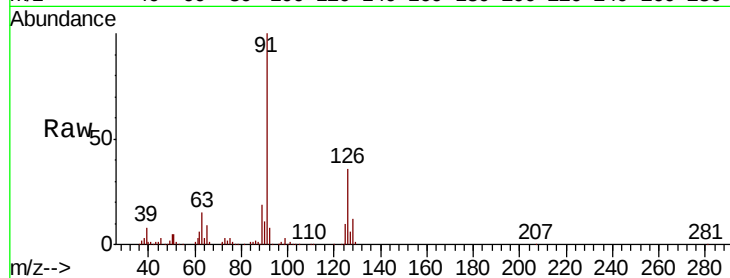
126 36.5 17.9 53.8

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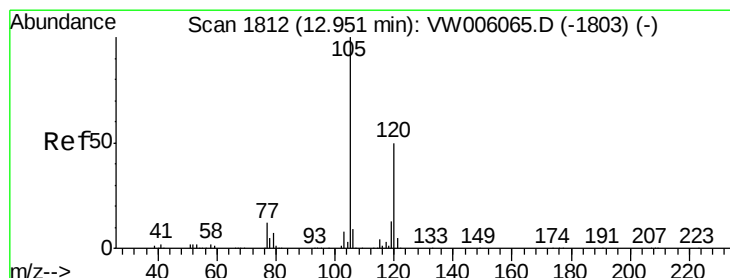
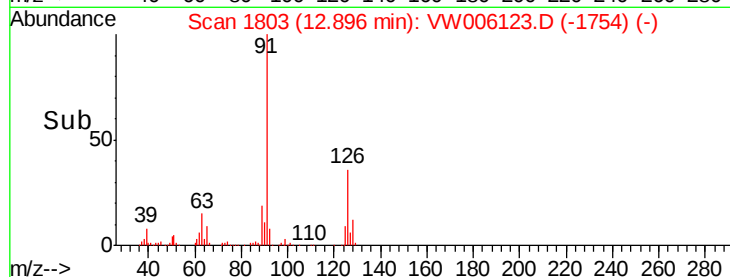
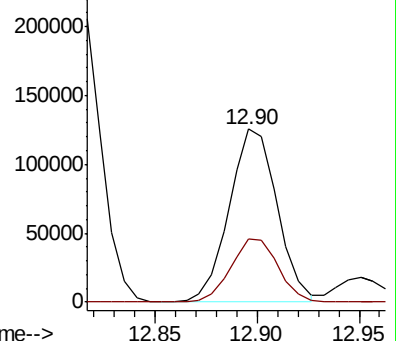
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 21.331 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW006123.D

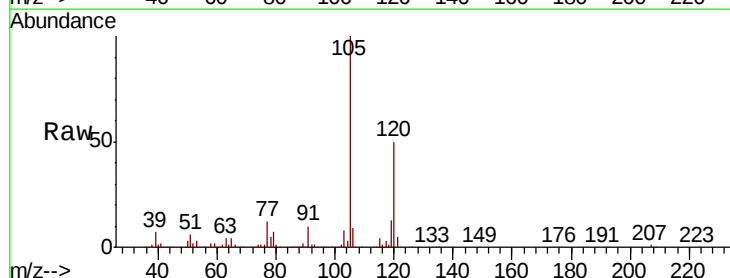
Acq: 17 Oct 2018 13:53

Tgt Ion:105 Resp: 265974

Ion Ratio Lower Upper

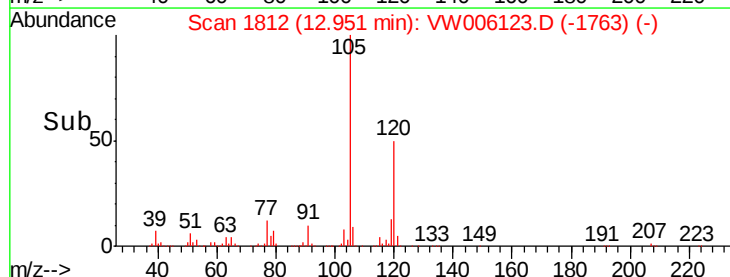
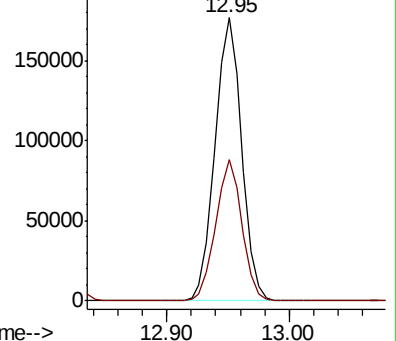
105 100

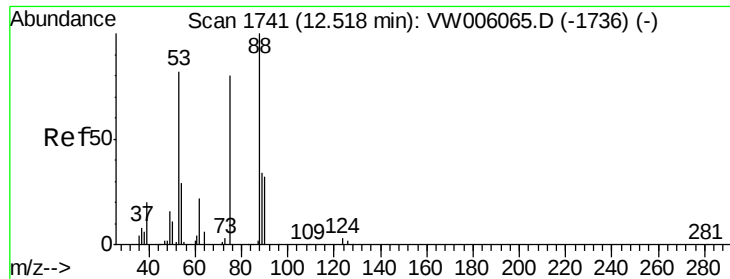
120 49.0 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 17.678 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VW006123.D

Acq: 17 Oct 2018 13:53

Instrument :

MSVOA_W

ClientSampleId :

VW1017SBSD01

Tot Ion: 75 Resp: 11826

Ion Ratio Lower Upper

75 100

53 110.2 79.8 119.6

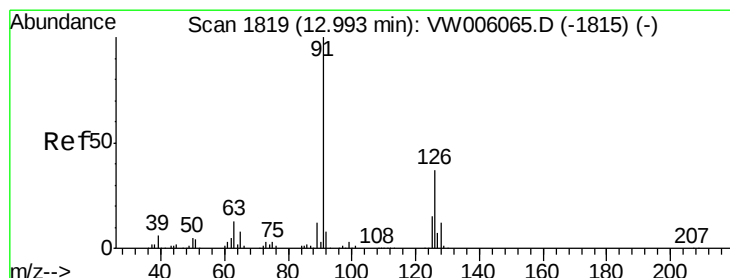
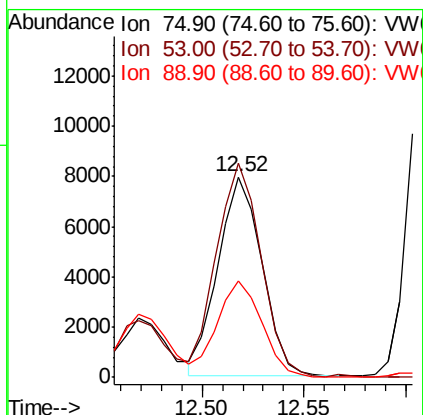
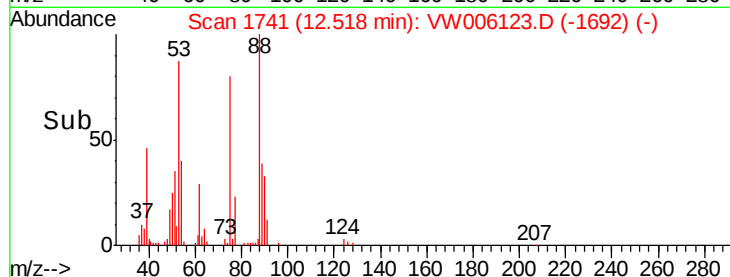
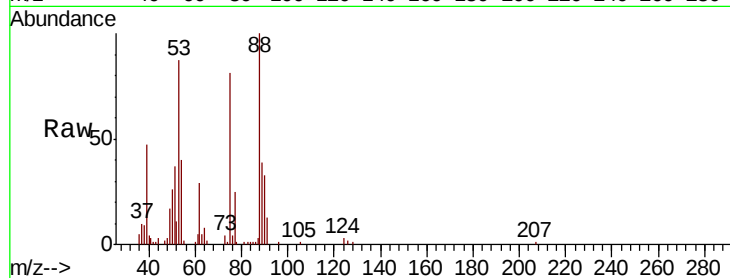
89 49.5 37.5 56.3

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#82

4-Chlorotoluene

Concen: 21.291 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VW006123.D

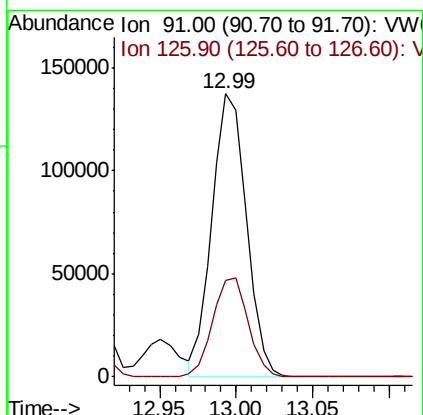
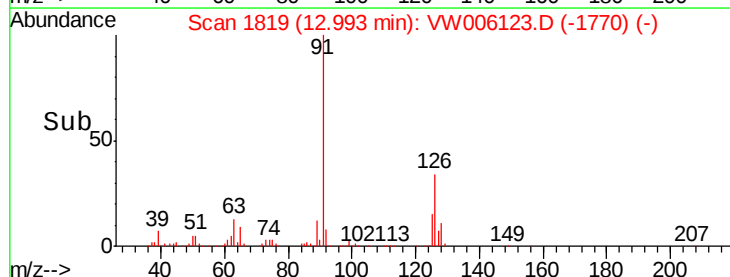
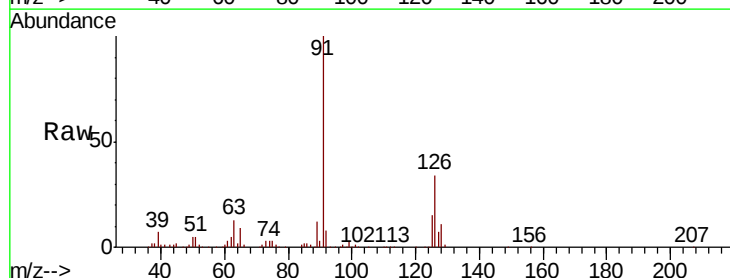
Acq: 17 Oct 2018 13:53

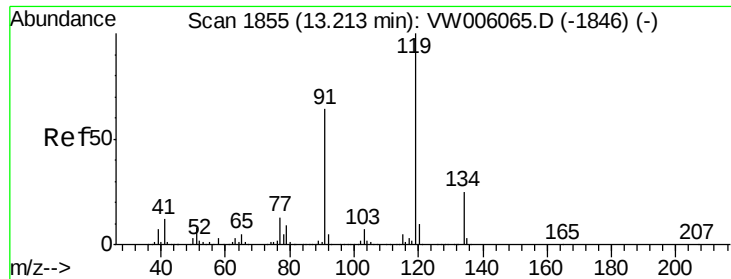
Tgt Ion: 91 Resp: 215633

Ion Ratio Lower Upper

91 100

126 35.9 18.1 54.3





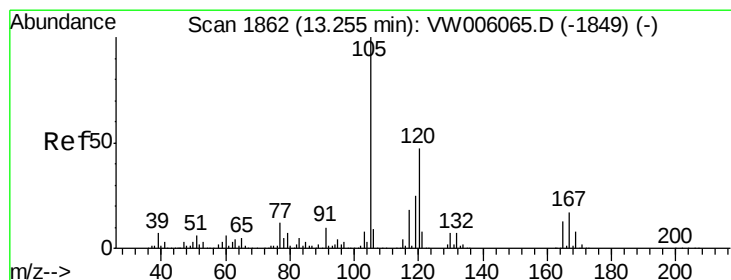
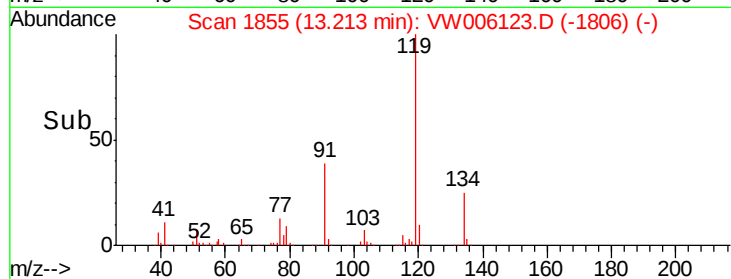
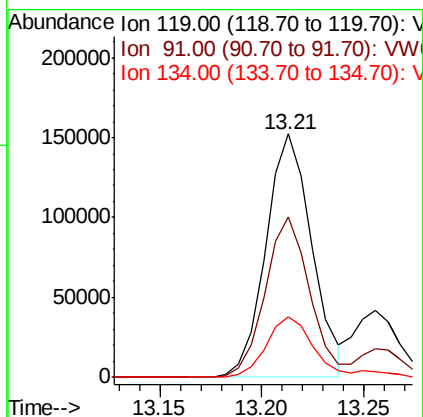
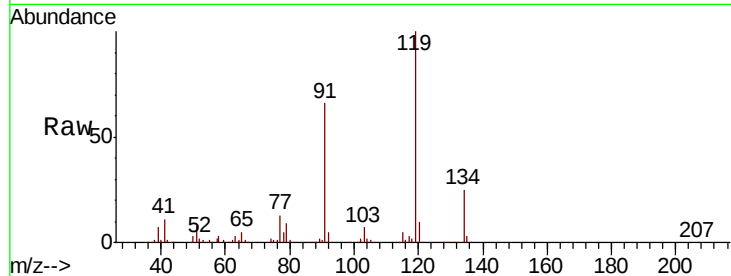
#83
tert-Butylbenzene
Concen: 21.410 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW006123.D
Acq: 17 Oct 2018 13:53

Instrument :
MSVOA_W
ClientSampleId :
VW1017SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	238858		
91	64.7	32.3	96.9	
134	25.0	13.6	40.8	

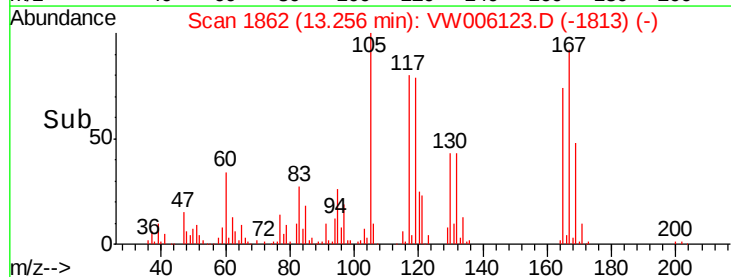
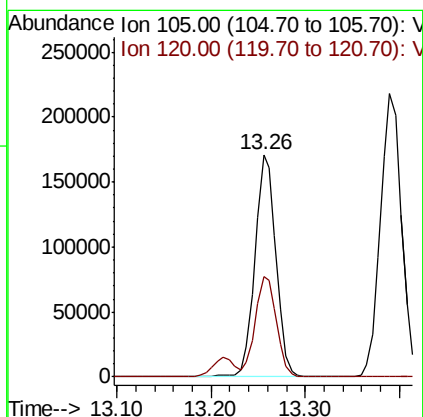
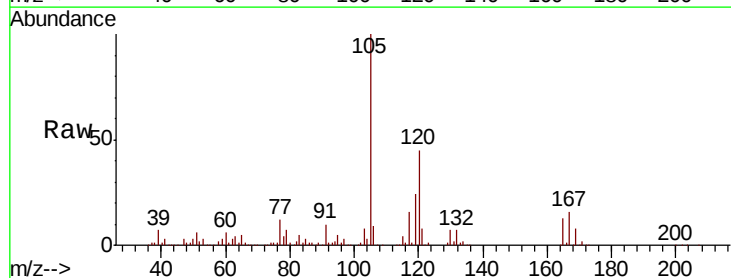
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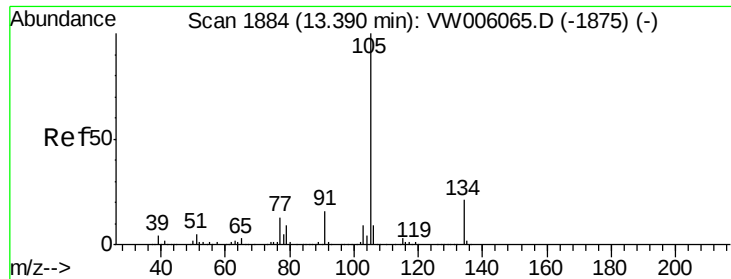
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#84
1,2,4-Trimethylbenzene
Concen: 21.303 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW006123.D
Acq: 17 Oct 2018 13:53

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	268795		
120	45.7	23.1	69.3	





#85

sec-Butylbenzene

Concen: 21.519 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW006123.D

Acq: 17 Oct 2018 13:53

Instrument :

MSVOA_W

ClientSampleId :

VW1017SBS01

Tot Ion:105 Resp: 339152

Ion Ratio Lower Upper

105 100

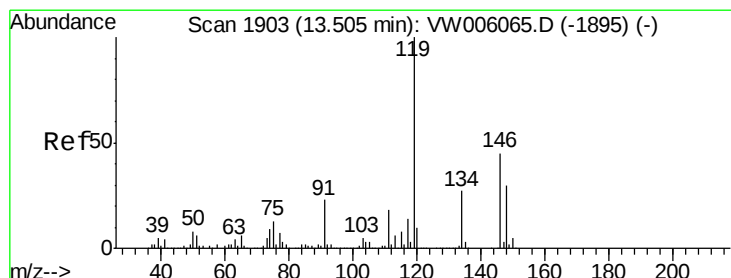
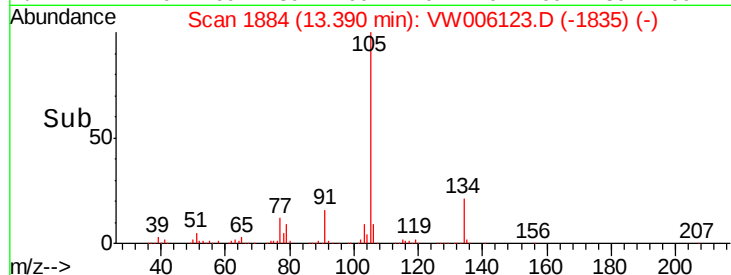
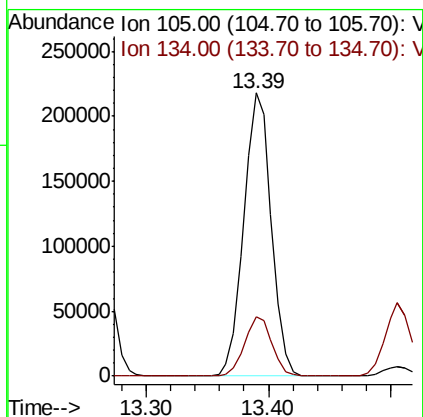
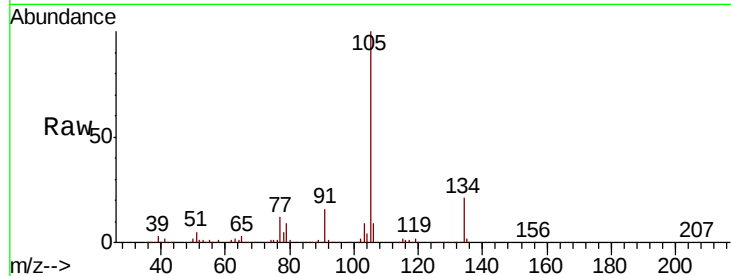
134 20.9 10.5 31.6

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#86

p-Isopropyltoluene

Concen: 21.610 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006123.D

Acq: 17 Oct 2018 13:53

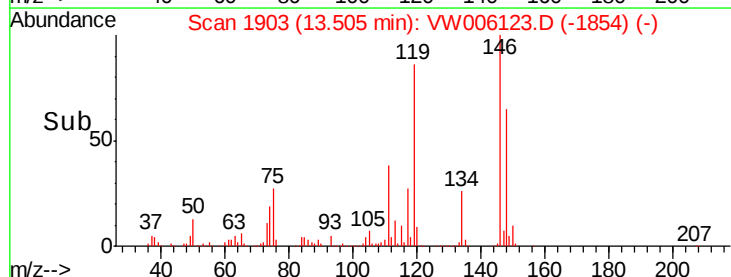
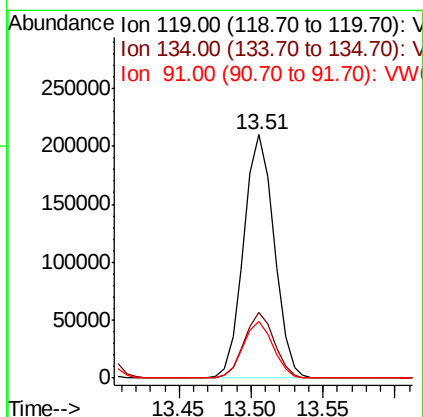
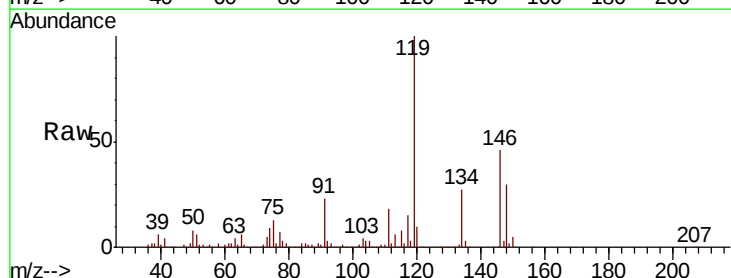
Tgt Ion:119 Resp: 308058

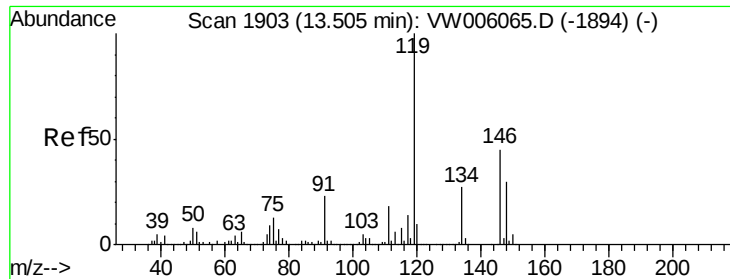
Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.2

91 22.8 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 21.245 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006123.D

Acq: 17 Oct 2018 13:53

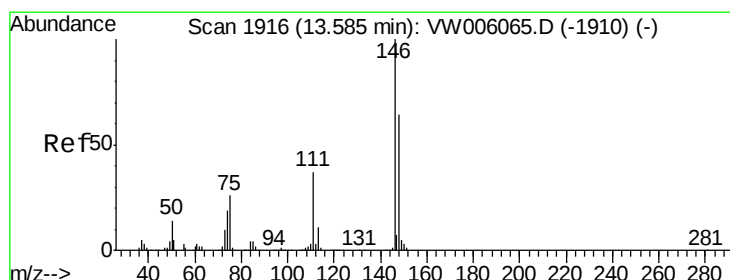
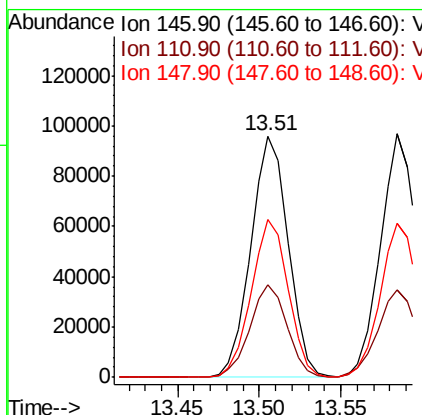
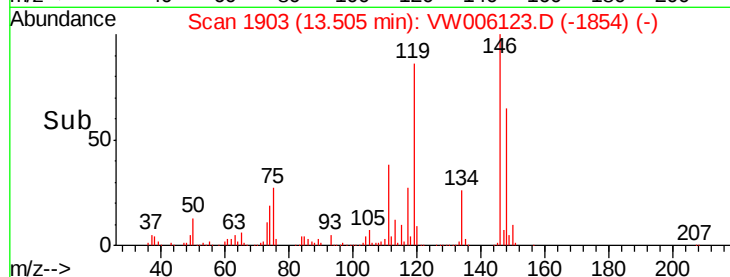
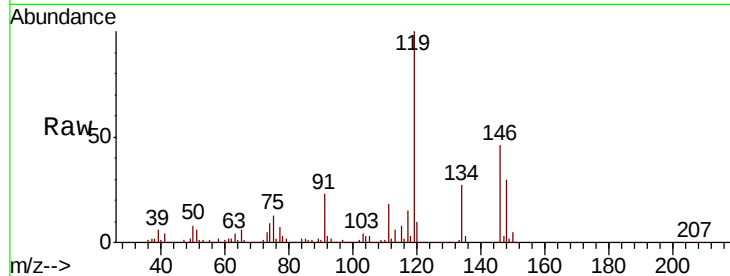
Instrument :
MSVOA_W

ClientSampleId :
VW1017SBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.1	57.5
148	64.6	32.0	96.2

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#88

1,4-Dichlorobenzene

Concen: 21.085 ug/l

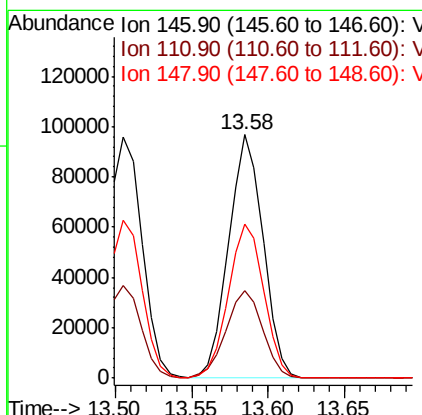
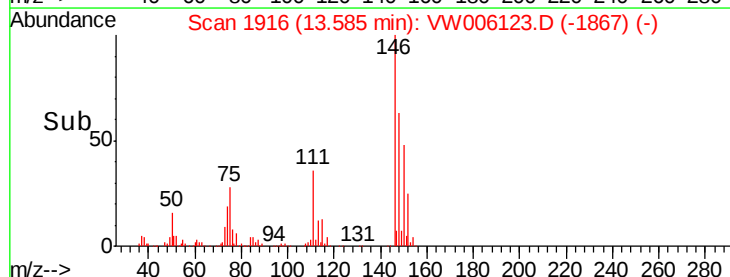
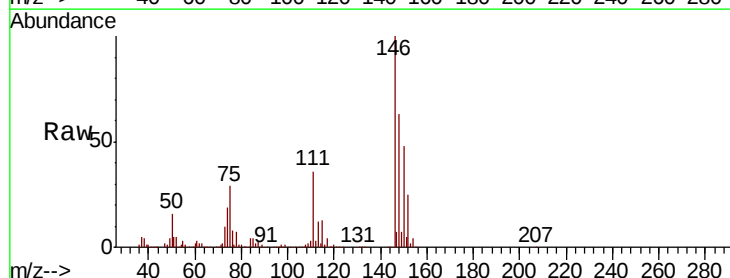
RT: 13.58 min Scan# 1916

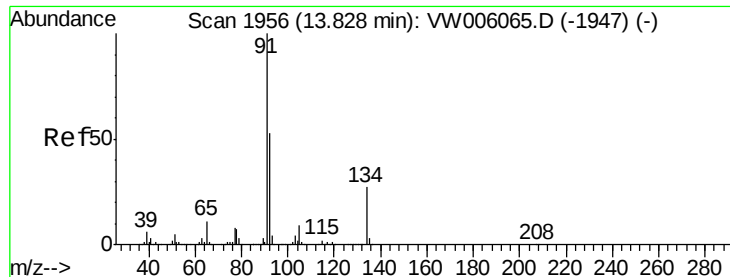
Delta R.T. 0.00 min

Lab File: VW006123.D

Acq: 17 Oct 2018 13:53

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.6	56.0
148	65.0	32.1	96.5





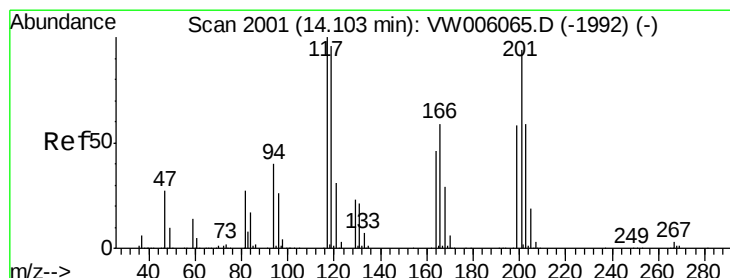
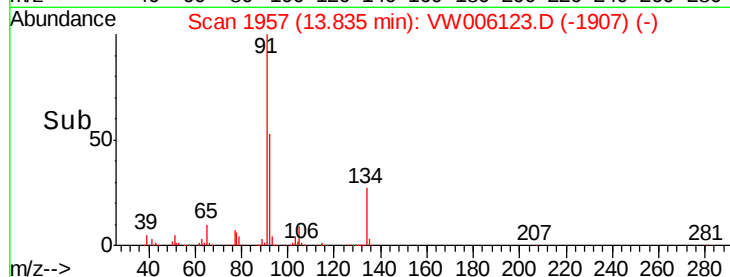
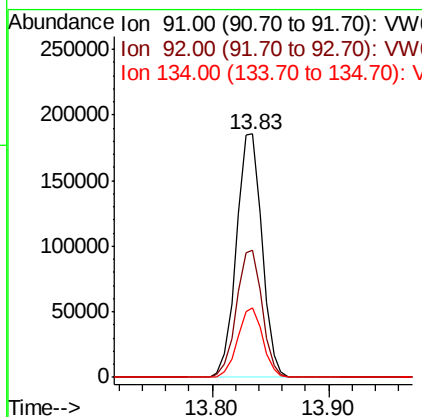
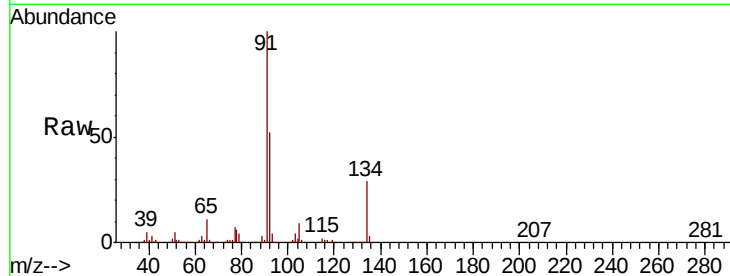
#89
n-Butylbenzene
Concen: 21.812 ug/l
RT: 13.83 min Scan# 1957
Delta R.T. 0.01 min
Lab File: VW006123.D
Acq: 17 Oct 2018 13:53

Instrument :
MSVOA_W
ClientSampleId :
VW1017SBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.6	79.7
134	28.1	14.0	41.9

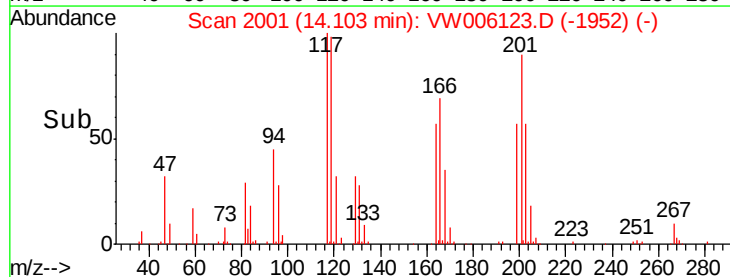
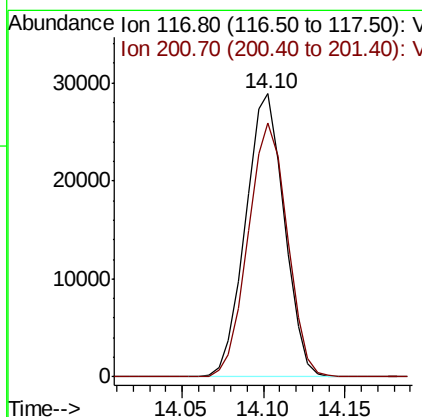
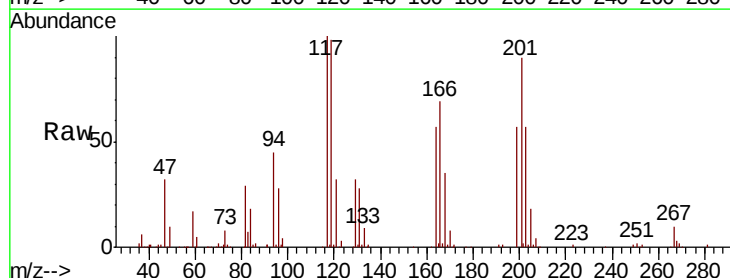
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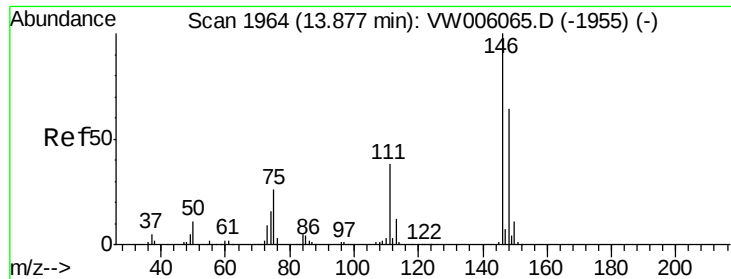
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#90
Hexachloroethane
Concen: 19.840 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. 0.00 min
Lab File: VW006123.D
Acq: 17 Oct 2018 13:53

Tgt Ion	Ratio	Lower	Upper
117	100		
201	90.5	45.3	135.9





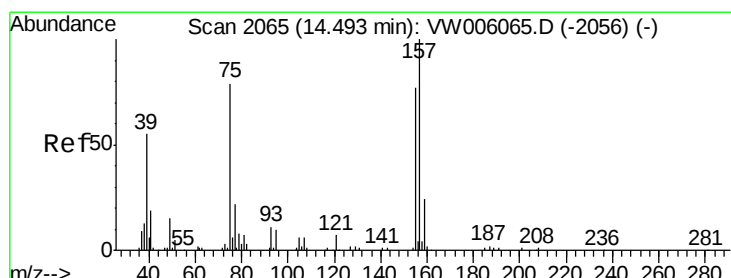
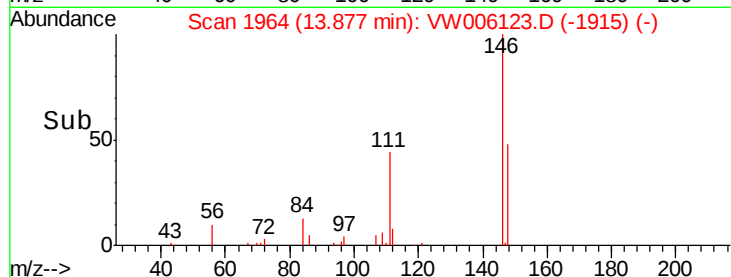
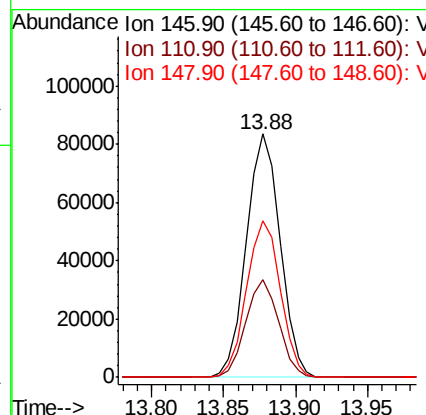
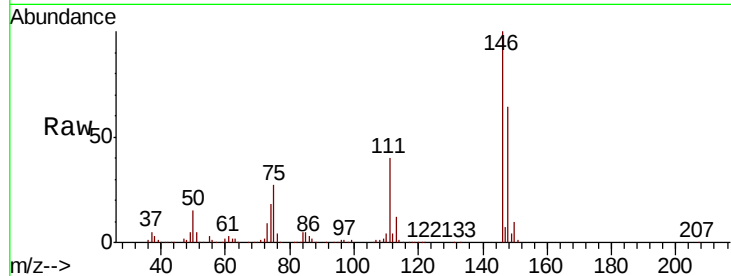
#91
 1,2-Dichlorobenzene
 Concen: 21.083 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW006123.D
 Acq: 17 Oct 2018 13:53

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1017SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.6	58.7
148	64.6	32.2	96.6

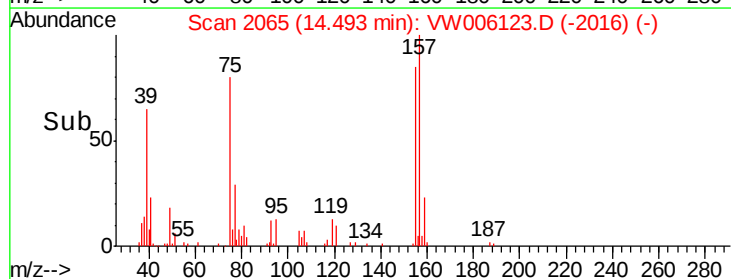
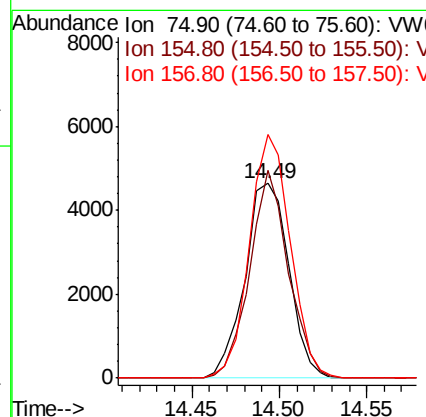
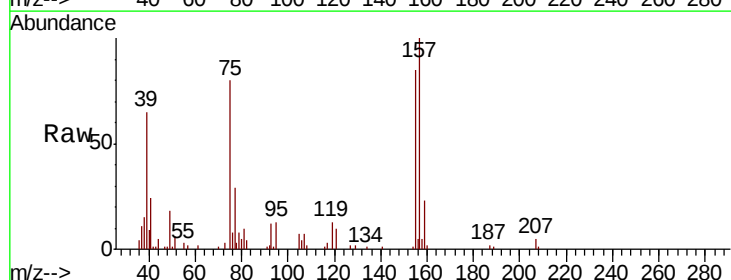
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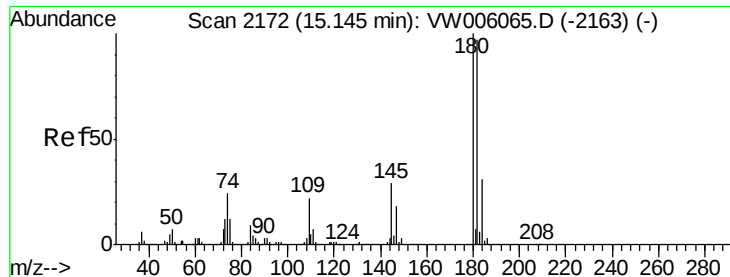
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.130 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW006123.D
 Acq: 17 Oct 2018 13:53

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.0	46.5	139.5
157	116.4	59.8	179.4





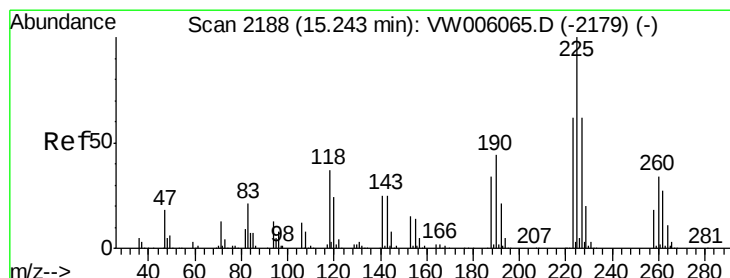
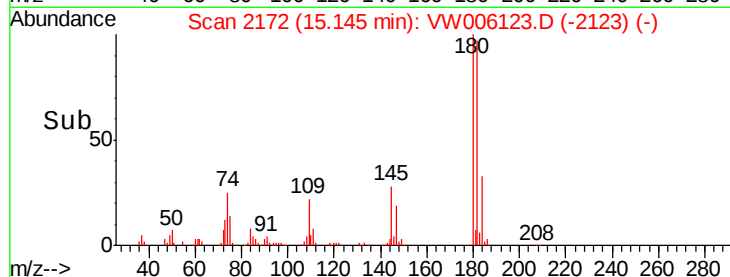
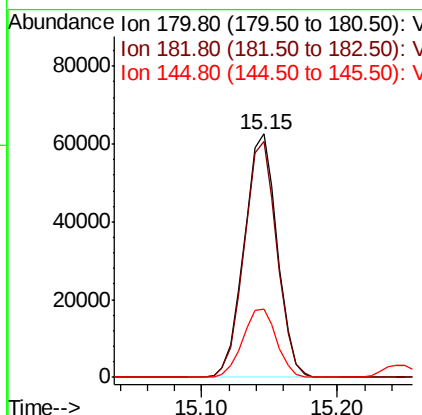
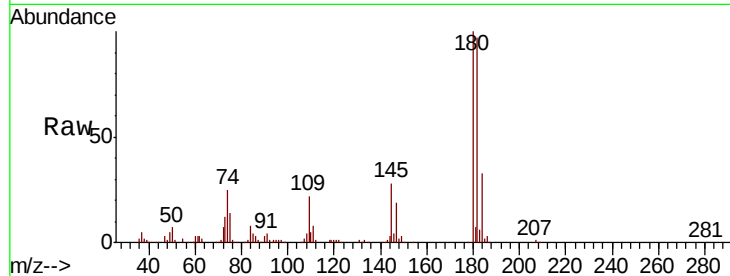
#93
 1,2,4-Trichlorobenzene
 Concen: 21.431 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. 0.00 min
 Lab File: VW006123.D
 Acq: 17 Oct 2018 13:53

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1017SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	106052		
182	96.6	47.9	143.6	
145	28.9	14.2	42.8	

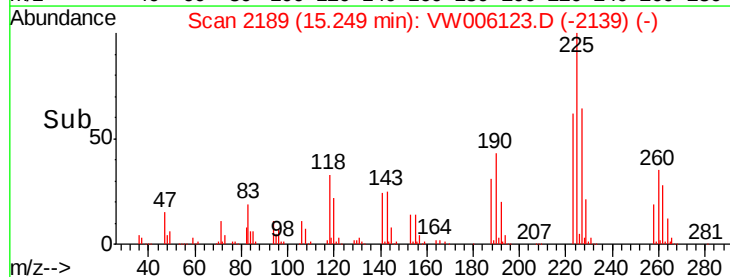
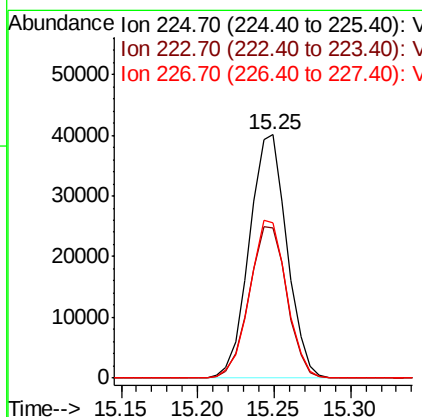
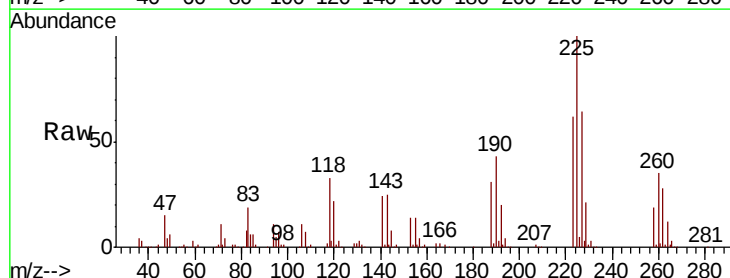
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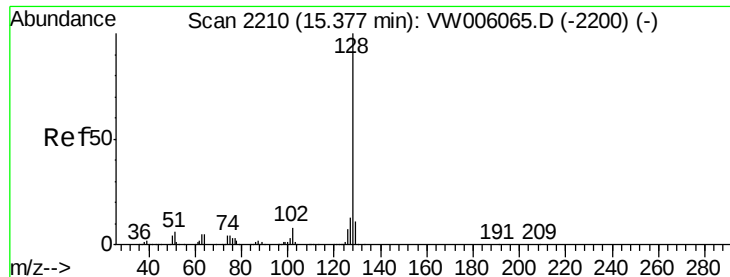
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#94
 Hexachlorobutadiene
 Concen: 22.052 ug/l
 RT: 15.25 min Scan# 2189
 Delta R.T. 0.01 min
 Lab File: VW006123.D
 Acq: 17 Oct 2018 13:53

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	68550		
223	62.3	31.1	93.5	
227	63.6	32.4	97.0	





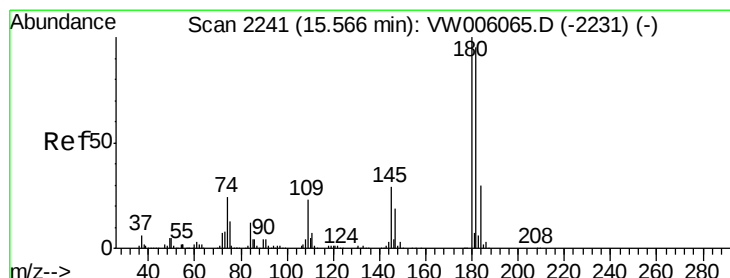
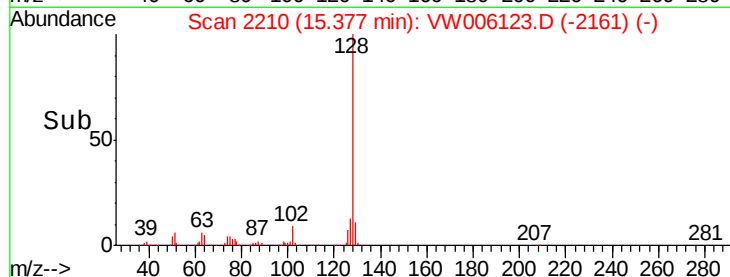
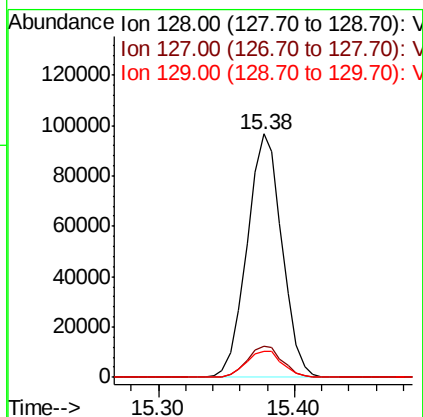
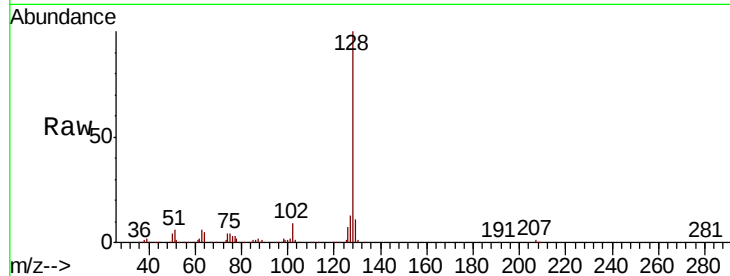
#95
Naphthalene
Concen: 21.054 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006123.D
Acq: 17 Oct 2018 13:53

Instrument :
MSVOA_W
ClientSampleId :
VW1017SBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
128	100		173314		
127	13.0		10.3	15.5	
129	11.2		8.7	13.1	

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#96
1,2,3-Trichlorobenzene
Concen: 21.595 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006123.D
Acq: 17 Oct 2018 13:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		92430		
182	94.4		47.8	143.3	
145	29.9		15.0	45.1	

