

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101718\
 Data File : VW006146.D
 Acq On : 18 Oct 2018 01:55
 Operator : VA/AP
 Sample : VW1017SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1017SBS02

Manual Integrations
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 10/18/2018 4:39:52 PM

Quant Time: Oct 18 13:51:45 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	271097	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	395084	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	366112	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	203582	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	117301	52.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.38%	
35) Dibromofluoromethane	7.88	113	117697	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
50) Toluene-d8	10.33	98	439605	49.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.00%	
62) 4-Bromofluorobenzene	12.62	95	168027	50.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	21260	15.847	ug/l	95
3) Chloromethane	2.21	50	29174	16.894	ug/l	98
4) Vinyl Chloride	2.37	62	45806	18.574	ug/l	99
5) Bromomethane	2.78	94	46143	20.571	ug/l	96
6) Chloroethane	2.93	64	33699	19.068	ug/l	92
7) Trichlorofluoromethane	3.26	101	37248	16.213	ug/l	100
8) Diethyl Ether	3.68	74	24345	19.939	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	47479	19.720	ug/l	100
10) Methyl Iodide	4.26	142	83752	20.900	ug/l	100
11) Tert butyl alcohol	5.23	59	14981	99.109	ug/l #	71
12) 1,1-Dichloroethene	4.04	96	45554	20.111	ug/l	95
13) Acrolein	3.89	56	14746	100.817	ug/l	100
14) Allyl chloride	4.67	41	63496	19.605	ug/l	99
15) Acrylonitrile	5.37	53	49405	112.815	ug/l	99
16) Acetone	4.13	43	42104	90.404	ug/l	97
17) Carbon Disulfide	4.37	76	123273	18.032	ug/l	97
18) Methyl Acetate	4.68	43	26374	23.318	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	73718	21.368	ug/l	95
20) Methylene Chloride	4.92	84	53521	21.580	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	52716	20.850	ug/l	98
22) Diisopropyl ether	6.32	45	136409	21.313	ug/l	99
23) Vinyl Acetate	6.26	43	391252	103.585	ug/l	100
24) 1,1-Dichloroethane	6.21	63	88447	21.417	ug/l	99
25) 2-Butanone	7.18	43	66825	110.060	ug/l	99
26) 2,2-Dichloropropane	7.17	77	51984	17.847	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	60900	21.827	ug/l	99
28) Bromochloromethane	7.51	49	30077	18.865	ug/l	96
29) Tetrahydrofuran	7.54	42	41004	109.867	ug/l	97
30) Chloroform	7.68	83	97005	21.559	ug/l	97
31) Cyclohexane	7.95	56	78102	18.990	ug/l	92
32) 1,1,1-Trichloroethane	7.87	97	81528	20.087	ug/l	99
36) 1,1-Dichloropropene	8.09	75	74512	20.461	ug/l	99
37) Ethyl Acetate	7.26	43	30430	22.491	ug/l	99
38) Carbon Tetrachloride	8.07	117	77298	19.363	ug/l	98

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Quant Time: Oct 18 13:51:45 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)
39) Methylcyclohexane	9.34	83	93748	19.367	ug/l	95
40) Benzene	8.32	78	209895	21.012	ug/l	99
41) Methacrylonitrile	7.49	41	18637	22.850	ug/l	97
42) 1,2-Dichloroethane	8.40	62	64051	21.825	ug/l	100
43) Isopropyl Acetate	8.43	43	57956	20.950	ug/l	100
44) Trichloroethene	9.09	130	65180	21.268	ug/l	97
45) 1,2-Dichloropropane	9.37	63	50042	20.935	ug/l	99
46) Dibromomethane	9.46	93	29138	21.388	ug/l	99
47) Bromodichloromethane	9.65	83	67904	20.558	ug/l	98
48) Methyl methacrylate	9.44	41	28408	21.664	ug/l	99
49) 1,4-Dioxane	9.48	88	9617	458.537	ug/l #	95
51) 4-Methyl-2-Pentanone	10.21	43	152521	110.040	ug/l	99
52) Toluene	10.39	92	140683	21.007	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	63832	19.397	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	74116	19.624	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	41856	21.954	ug/l	98
56) Ethyl methacrylate	10.65	69	50815	21.742	ug/l	98
57) 1,3-Dichloropropane	10.93	76	68502	21.705	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	96578	108.142	ug/l	98
59) 2-Hexanone	10.98	43	105184	106.309	ug/l	100
60) Dibromochloromethane	11.13	129	47581	20.037	ug/l	100
61) 1,2-Dibromoethane	11.24	107	42368	22.241	ug/l	99
64) Tetrachloroethene	10.87	164	60743	21.372	ug/l	99
65) Chlorobenzene	11.66	112	164958	21.048	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	56846	20.410	ug/l	99
67) Ethyl Benzene	11.74	91	281775	20.746	ug/l	100
68) m/p-Xylenes	11.84	106	223806	41.689	ug/l	99
69) o-Xylene	12.17	106	106086	20.735	ug/l	100
70) Styrene	12.18	104	172228	20.701	ug/l	100
71) Bromoform	12.35	173	29801	19.183	ug/l #	100
73) Isopropylbenzene	12.47	105	294960	20.508	ug/l	100
74) N-amyl acetate	12.28	43	58785	21.044	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	48193	22.031	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	31321m	20.143	ug/l	
77) Bromobenzene	12.75	156	75130	21.327	ug/l	99
78) n-propylbenzene	12.81	91	342244	20.454	ug/l	100
79) 2-Chlorotoluene	12.90	91	197206	20.976	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	248315	20.480	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	11096	17.058	ug/l	91
82) 4-Chlorotoluene	12.99	91	206872	21.006	ug/l	100
83) tert-Butylbenzene	13.21	119	221852	20.451	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	255709	20.842	ug/l	99
85) sec-Butylbenzene	13.39	105	312134	20.367	ug/l	100
86) p-Isopropyltoluene	13.51	119	283256	20.434	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	146759	20.933	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	146746	21.022	ug/l	100
89) n-Butylbenzene	13.83	91	256706	20.250	ug/l	99
90) Hexachloroethane	14.10	117	43441	18.501	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	133658	21.373	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7984	20.385	ug/l	99

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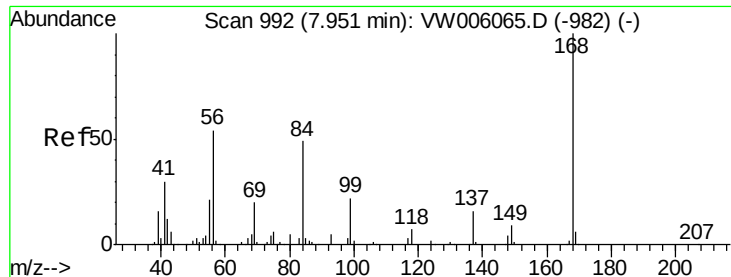
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Tue Oct 16 05:36:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	102409	21.283	ug/l	99
94) Hexachlorobutadiene	15.24	225	62010	20.515	ug/l	99
95) Naphthalene	15.38	128	176236	22.017	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	90585	21.765	ug/l	100

(#) = 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: VW006146.D

Acq: 18 Oct 2018 01:55

Instrument :

MSVOA_W

ClientSampleId :

VW1017SBS02

Tot Ion:168 Resp: 271097

Ion Ratio Lower Upper

168 100

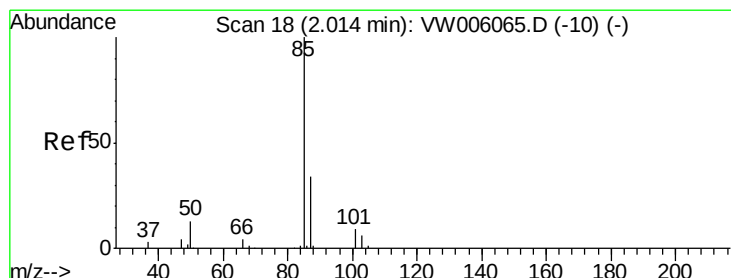
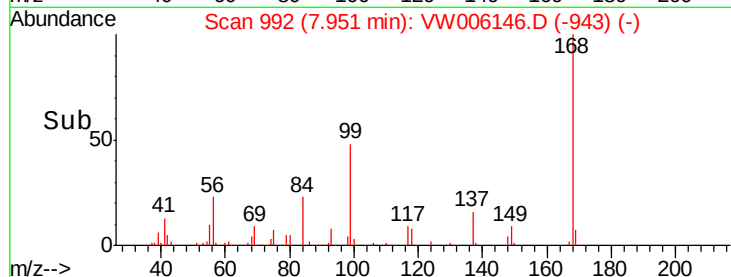
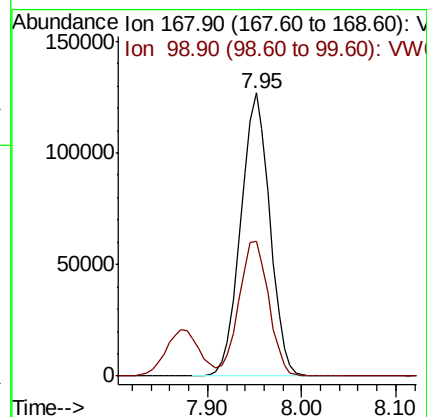
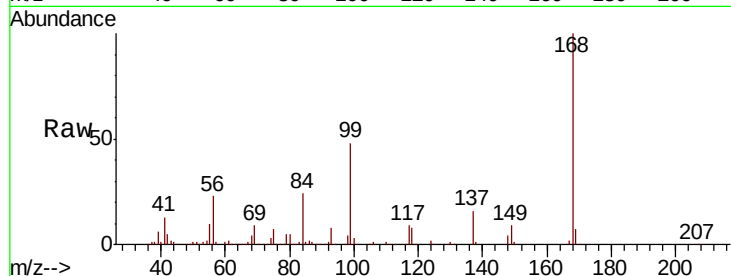
99 47.7 39.9 59.9

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#2

Dichlorodifluoromethane

Concen: 15.847 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW006146.D

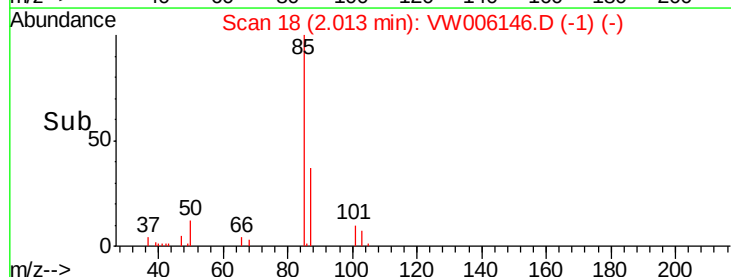
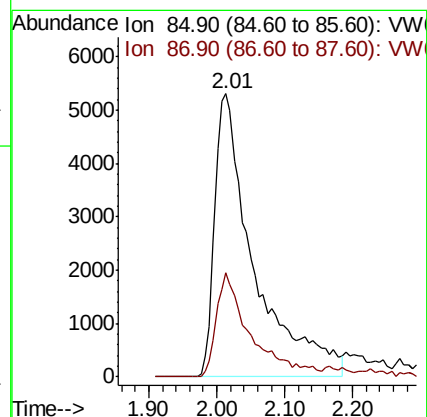
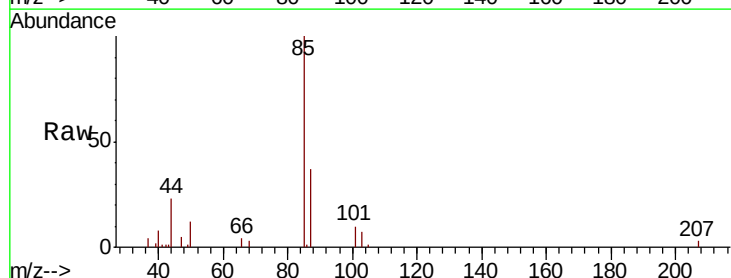
Acq: 18 Oct 2018 01:55

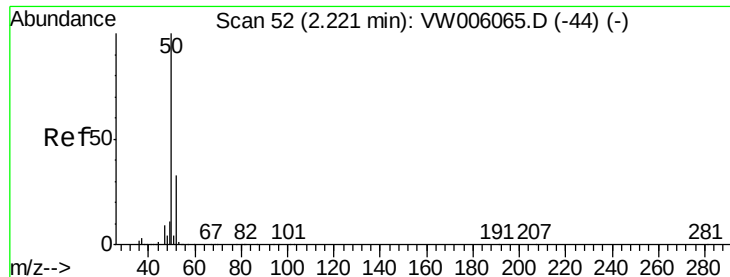
Tgt Ion: 85 Resp: 21260

Ion Ratio Lower Upper

85 100

87 36.8 16.9 50.6





#3

Chloromethane

Concen: 16.894 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW006146.D

Acq: 18 Oct 2018 01:55

Instrument :

MSVOA_W

ClientSampleId :

VW1017SBS02

Tot Ion: 50 Resp: 29174

Ion Ratio Lower Upper

50 100

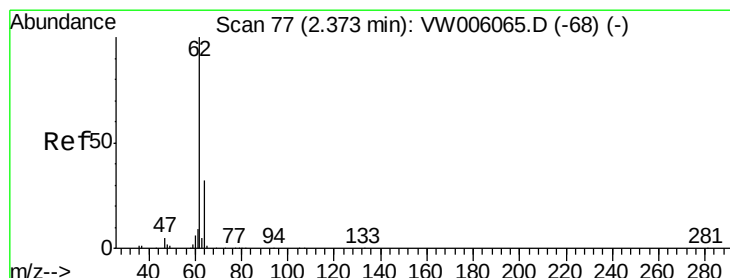
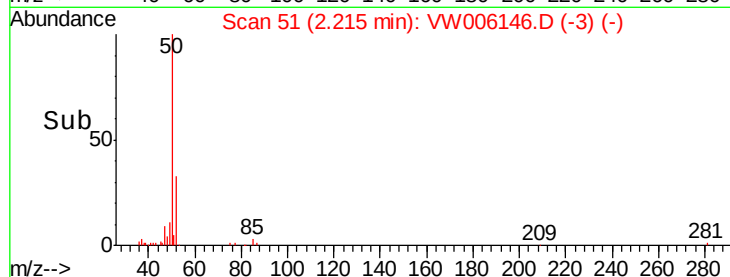
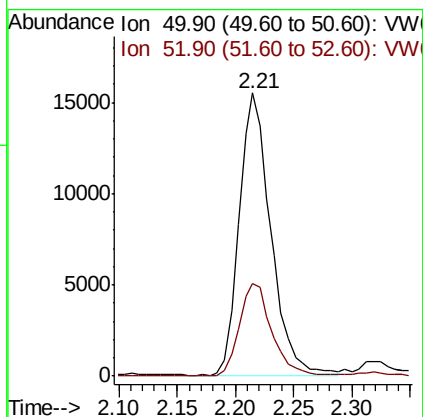
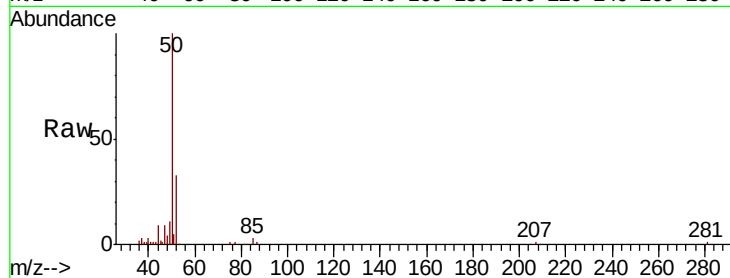
52 32.6 26.8 40.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.574 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW006146.D

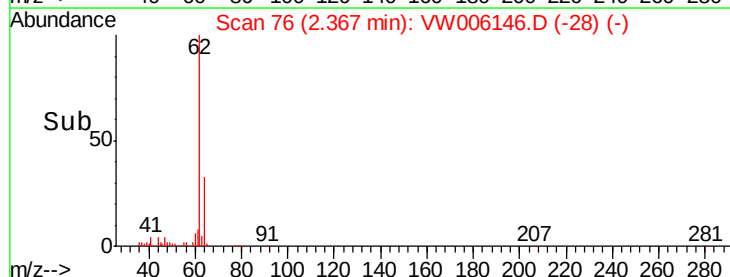
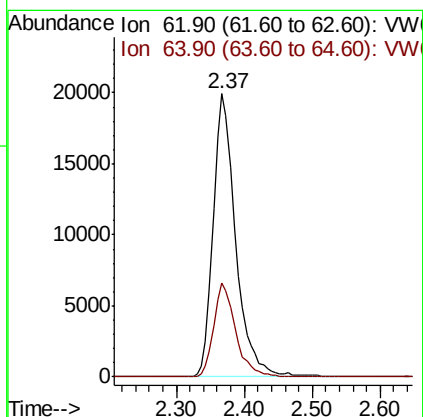
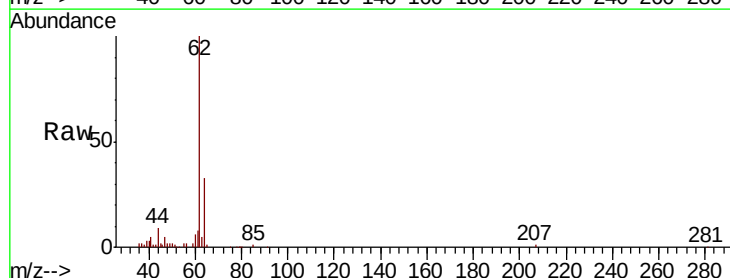
Acq: 18 Oct 2018 01:55

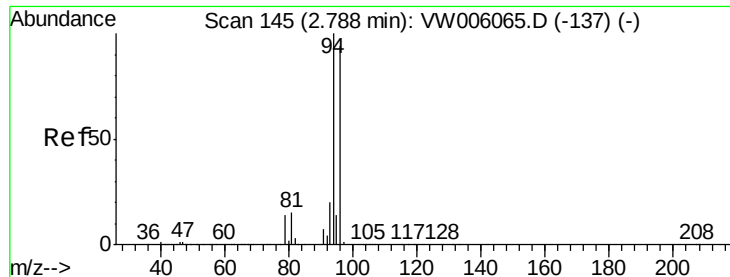
Tgt Ion: 62 Resp: 45806

Ion Ratio Lower Upper

62 100

64 33.1 25.9 38.9





#5

Bromomethane

Concen: 20.571 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW006146.D

Acq: 18 Oct 2018 01:55

Instrument :

MSVOA_W

ClientSampleId :

VW1017SBS02

Tot Ion: 94 Resp: 46143

Ion Ratio Lower Upper

94 100

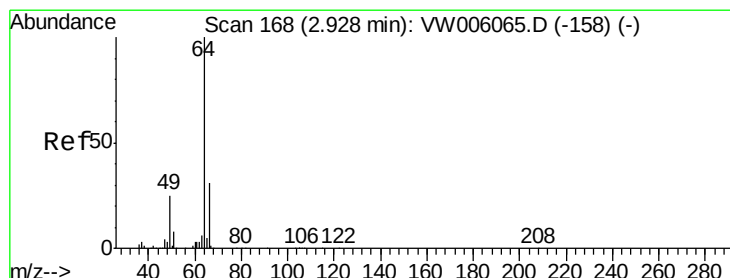
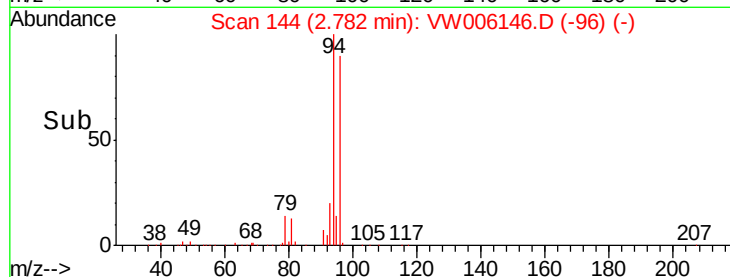
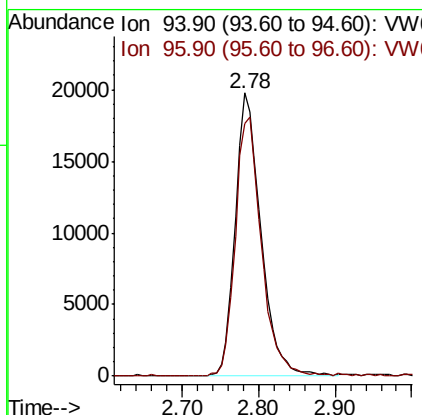
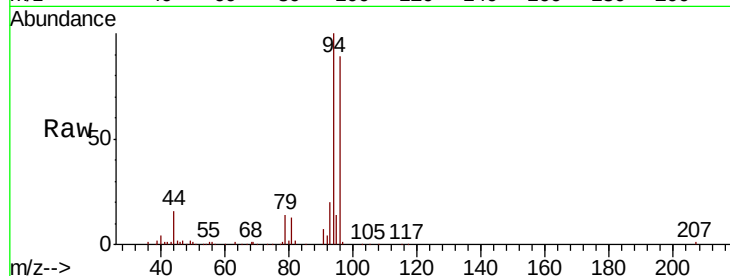
96 89.4 74.9 112.3

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#6

Chloroethane

Concen: 19.068 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.00 min

Lab File: VW006146.D

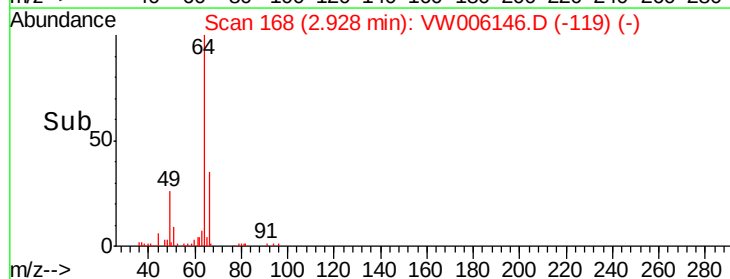
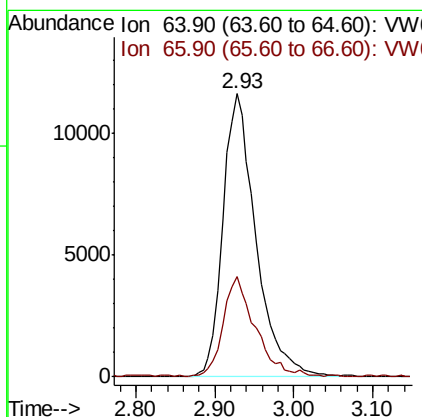
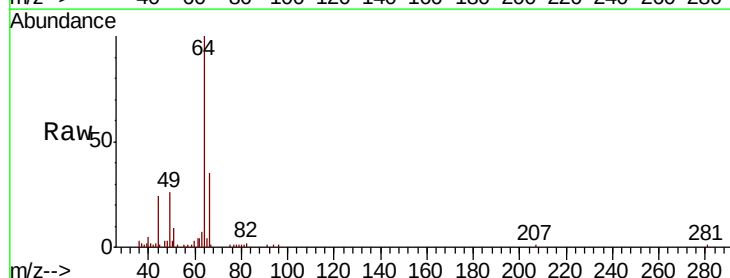
Acq: 18 Oct 2018 01:55

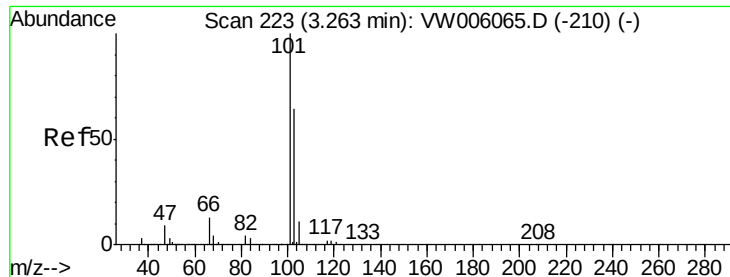
Tgt Ion: 64 Resp: 33699

Ion Ratio Lower Upper

64 100

66 35.3 24.9 37.3





#7

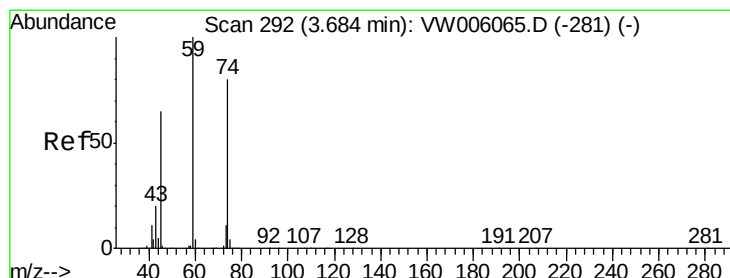
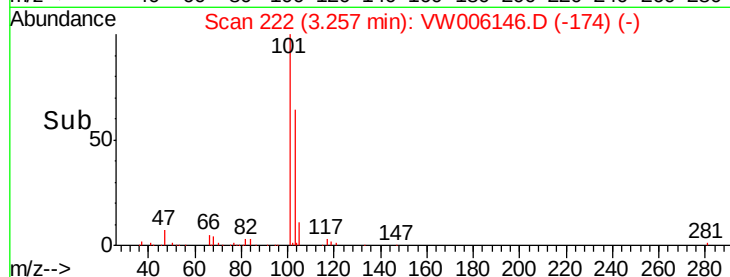
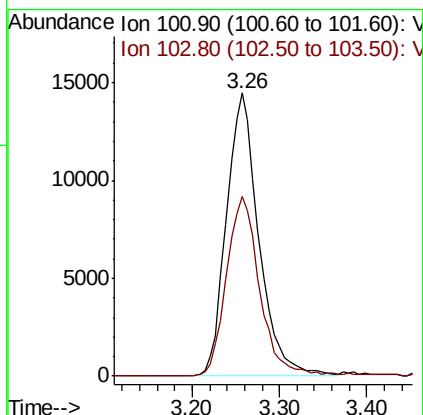
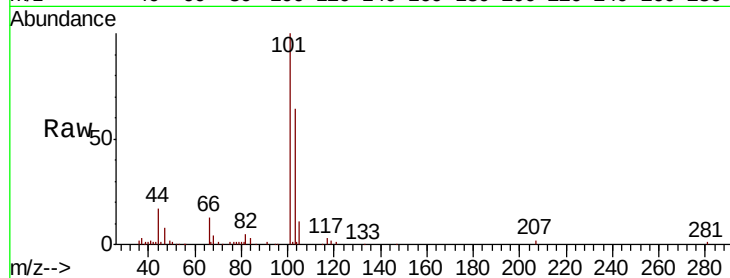
Trichlorofluoromethane
Concen: 16.213 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.01 min
Lab File: VW006146.D
Acq: 18 Oct 2018 01:55

Instrument :
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ClientSampleId :
VW1017SBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.7	51.2	76.8

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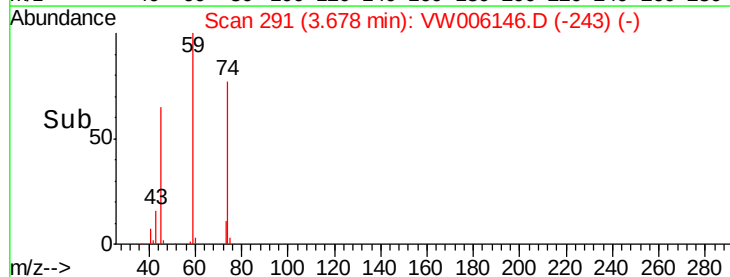
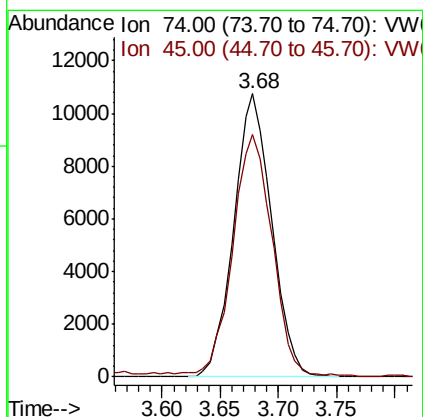
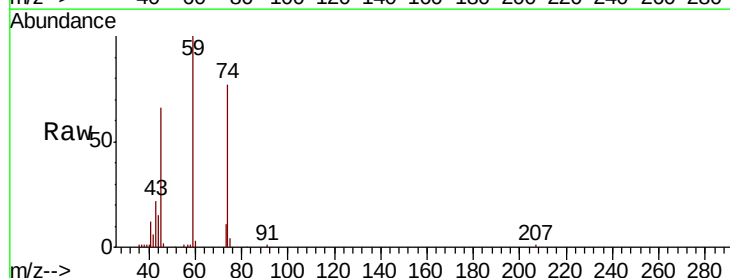
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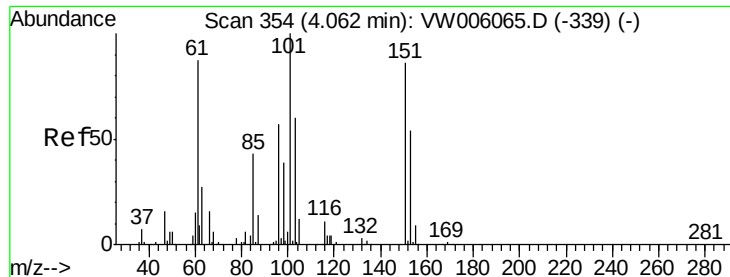


#8

Diethyl Ether
Concen: 19.939 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.01 min
Lab File: VW006146.D
Acq: 18 Oct 2018 01:55

Tgt Ion	Ratio	Lower	Upper
74	100		
45	90.2	42.8	128.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.720 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW006146.D

Acq: 18 Oct 2018 01:55

Instrument :

MSVOA_W

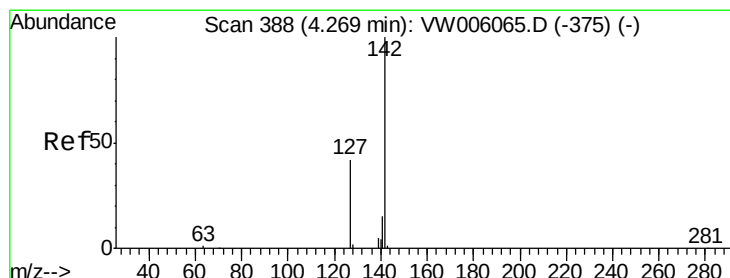
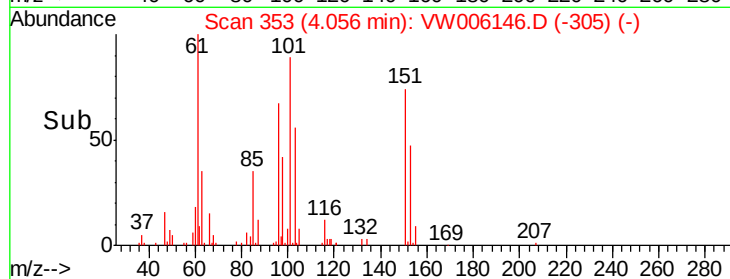
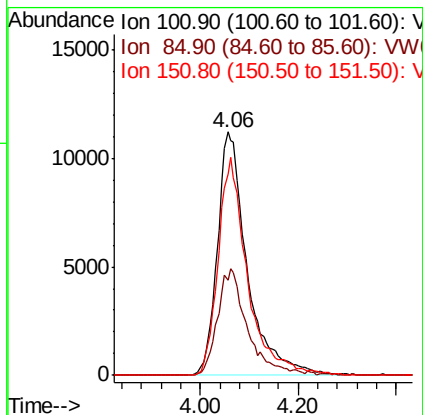
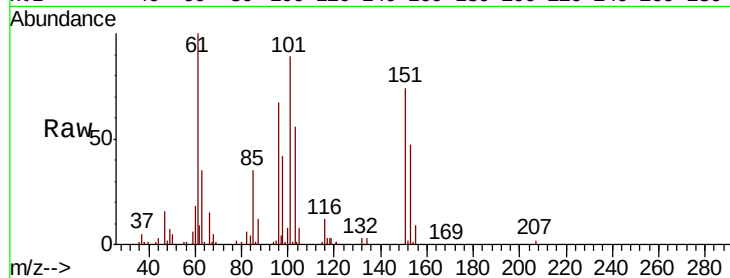
ClientSampleId :

VW1017SBS02

Tot Ion:	101	Resp:	47479
Ion Ratio	Lower	Upper	
101	100		
85	43.6	34.9	52.3
151	87.8	70.4	105.6

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#10

Methyl Iodide

Concen: 20.900 ug/l

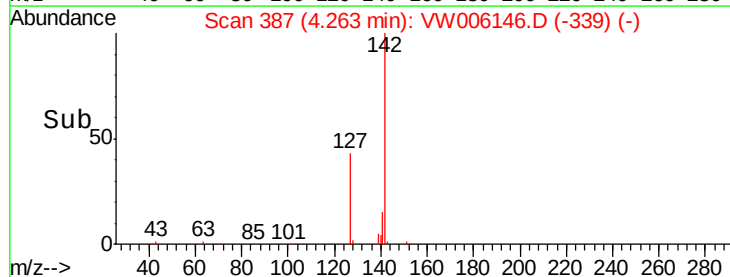
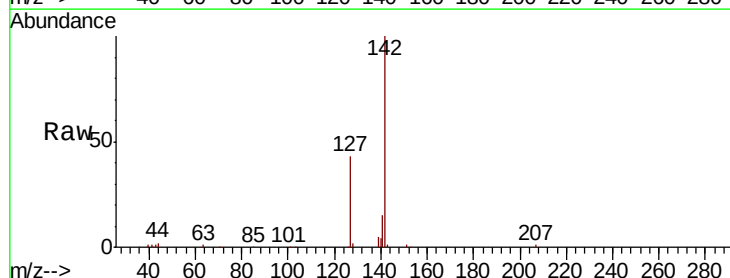
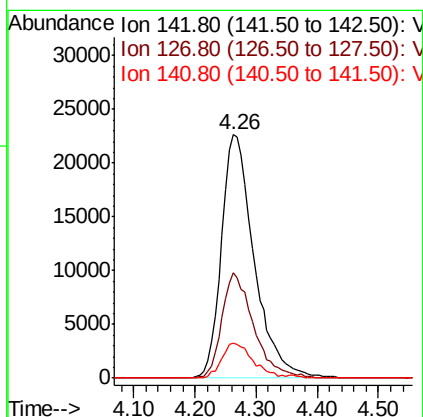
RT: 4.26 min Scan# 387

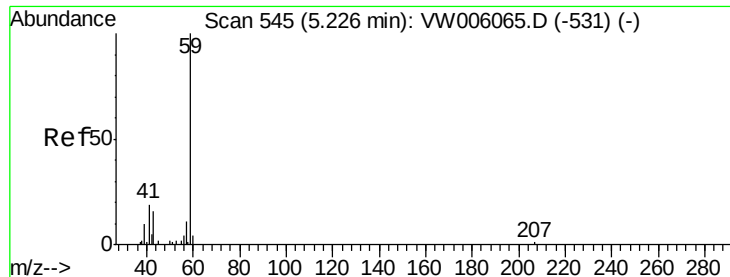
Delta R.T. -0.01 min

Lab File: VW006146.D

Acq: 18 Oct 2018 01:55

Tgt Ion:	142	Resp:	83752
Ion Ratio	Lower	Upper	
142	100		
127	41.9	33.6	50.4
141	14.3	11.6	17.4





#11

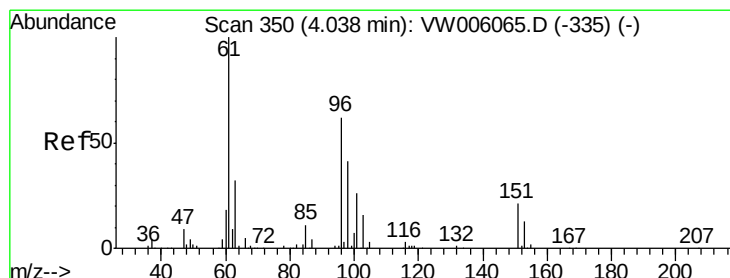
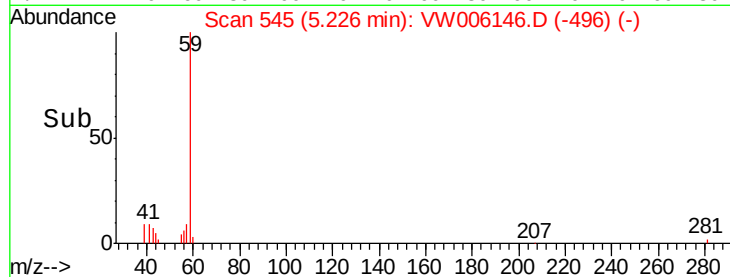
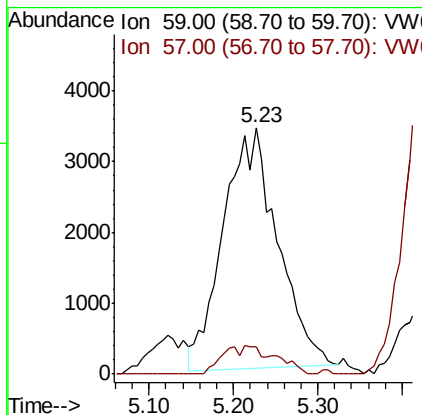
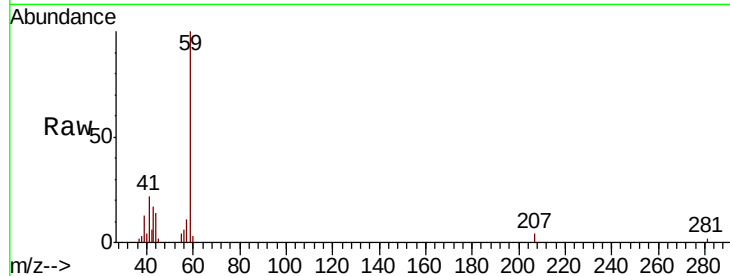
Tert butyl alcohol
 Concen: 99.109 ug/l
 RT: 5.23 min Scan# 545
 Delta R.T. -0.00 min
 Lab File: VW006146.D
 Acq: 18 Oct 2018 01:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1017SBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.7	13.1#

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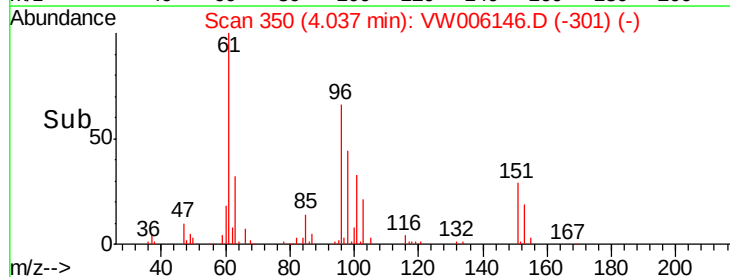
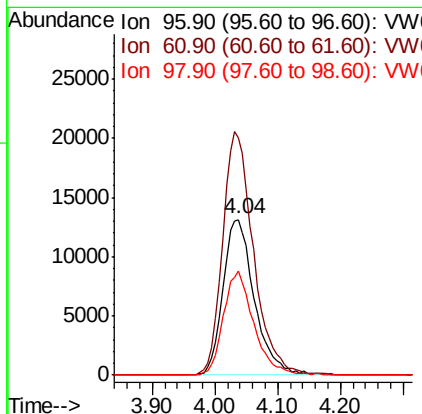
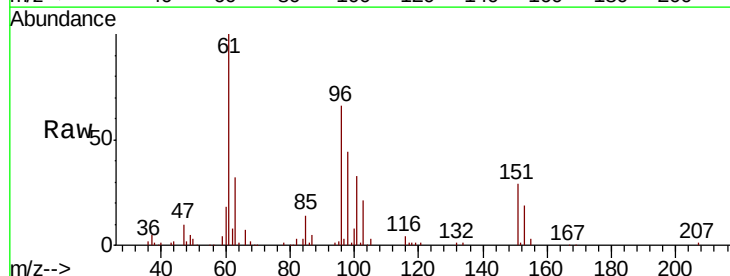
apatel
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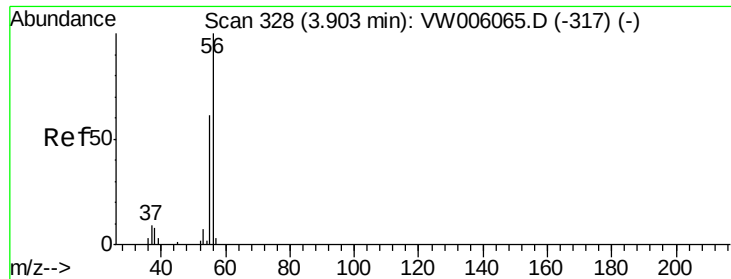


#12

1,1-Dichloroethene
 Concen: 20.111 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.00 min
 Lab File: VW006146.D
 Acq: 18 Oct 2018 01:55

Tgt Ion	Ratio	Lower	Upper
96	100		
61	152.1	129.3	193.9
98	66.4	53.1	79.7





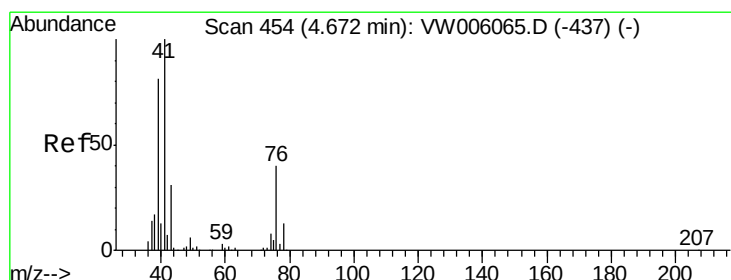
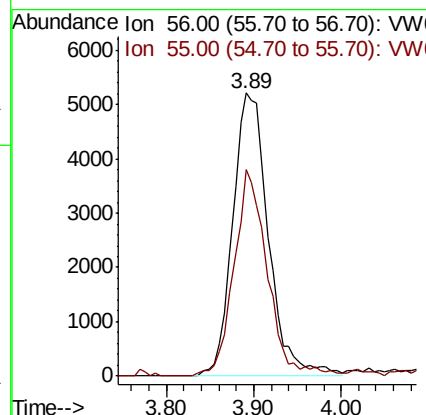
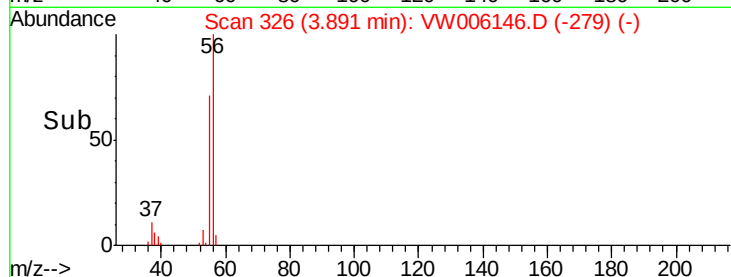
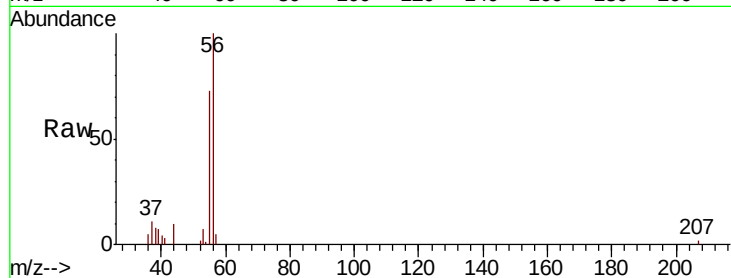
#13
Acrolein
Concen: 100.817 ug/l
RT: 3.89 min Scan# 326
Delta R.T. -0.01 min
Lab File: VW006146.D
Acq: 18 Oct 2018 01:55

Instrument :
MSVOA_W
ClientSampleId :
VW1017SBS02

Tot Ion	56	Resp	14746
Ion Ratio	100	Lower	Upper
55	68.3	54.5	81.7

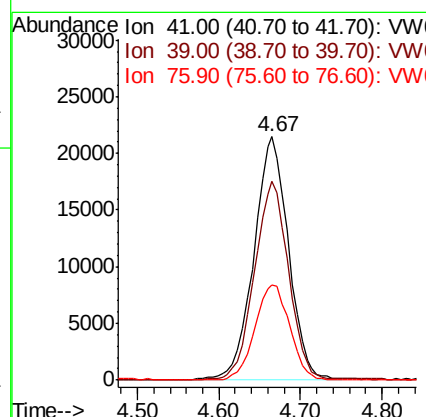
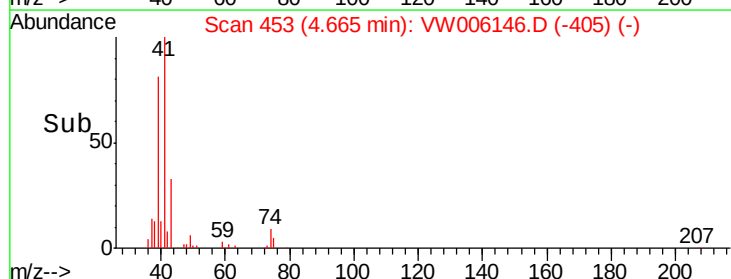
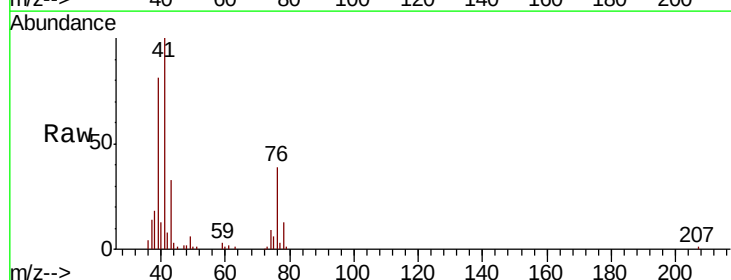
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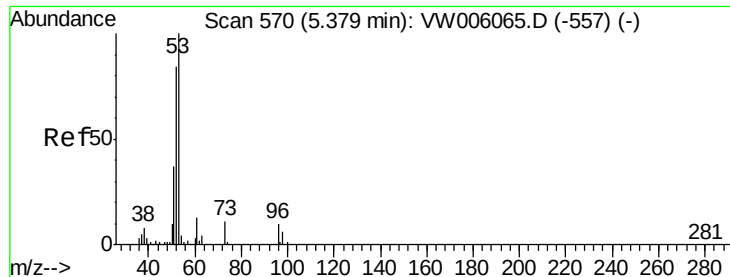
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#14
Allyl chloride
Concen: 19.605 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.01 min
Lab File: VW006146.D
Acq: 18 Oct 2018 01:55

Tgt Ion	41	Resp	63496
Ion Ratio	100	Lower	Upper
39	80.9	64.1	96.1
76	39.1	32.2	48.4





#15

Acrylonitrile

Concen: 112.815 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.01 min

Lab File: VW006146.D

Acq: 18 Oct 2018 01:55

Instrument :

MSVOA_W

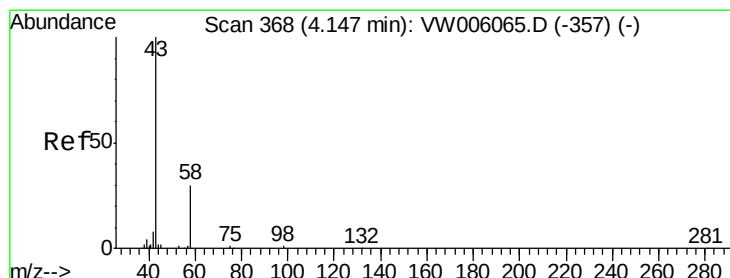
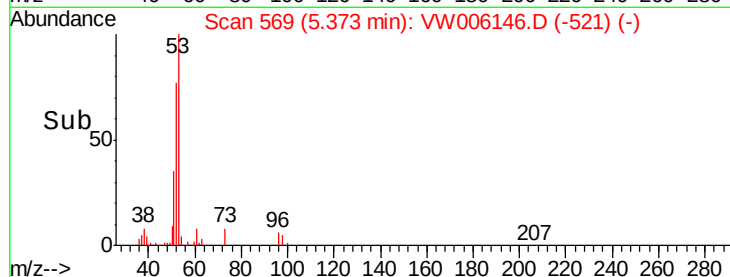
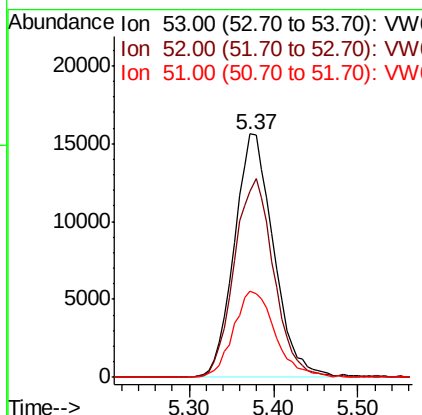
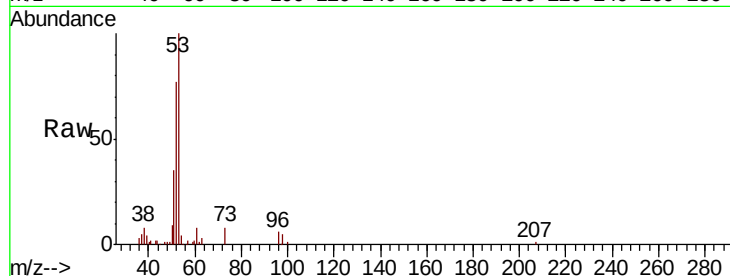
ClientSampleId :

VW1017SBS02

Tot Ion:	53	Resp:	49405
Ion	Ratio	Lower	Upper
53	100		
52	82.5	66.9	100.3
51	37.5	30.1	45.1

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#16

Acetone

Concen: 90.404 ug/l

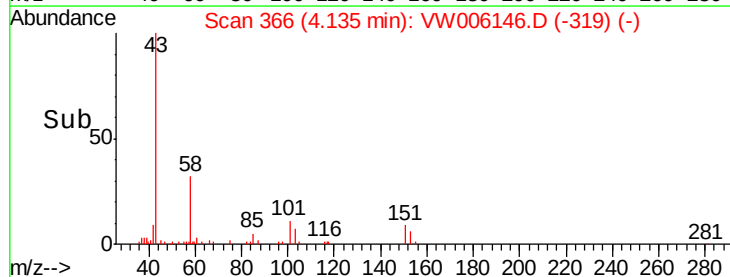
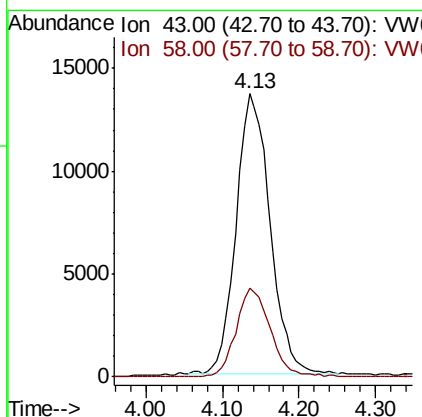
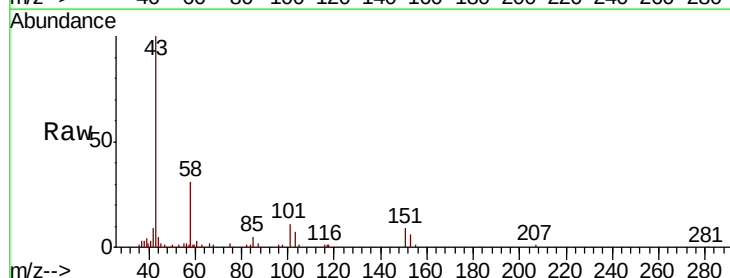
RT: 4.13 min Scan# 366

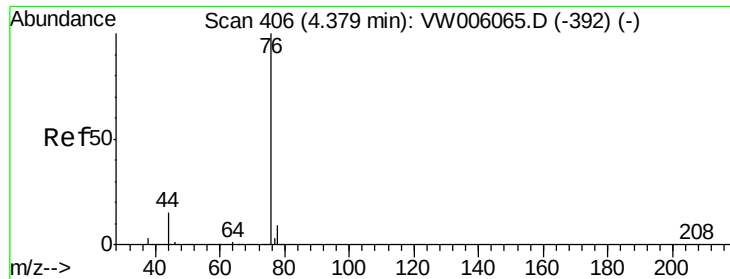
Delta R.T. -0.01 min

Lab File: VW006146.D

Acq: 18 Oct 2018 01:55

Tgt Ion:	43	Resp:	42104
Ion	Ratio	Lower	Upper
43	100		
58	31.7	24.0	36.0





#17

Carbon Disulfide

Concen: 18.032 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW006146.D

Acq: 18 Oct 2018 01:55

Instrument :

MSVOA_W

ClientSampleId :

VW1017SBS02

Tot Ion: 76 Resp: 123273

Ion Ratio Lower Upper

76 100

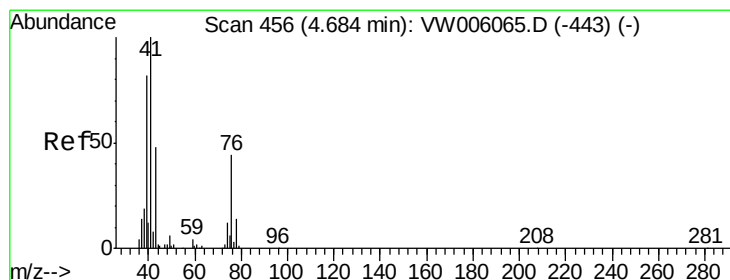
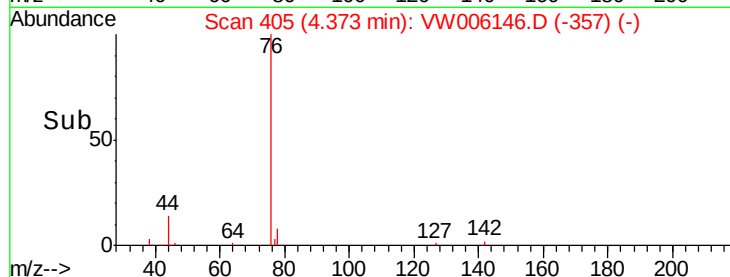
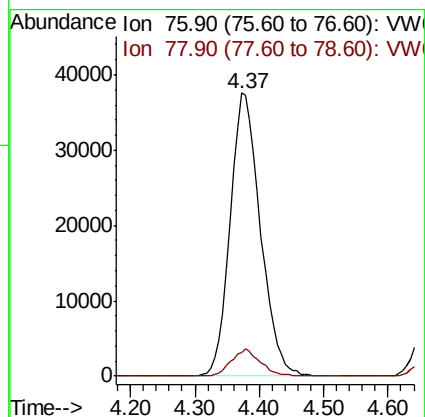
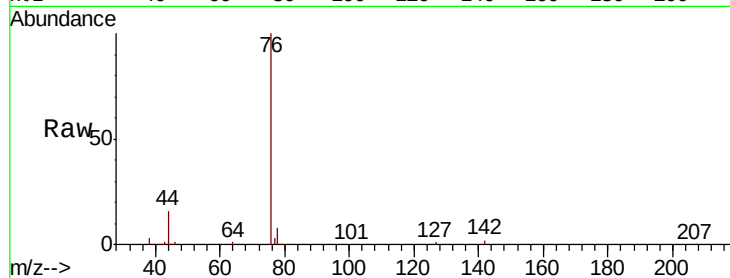
78 8.4 7.5 11.3

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#18

Methyl Acetate

Concen: 23.318 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.01 min

Lab File: VW006146.D

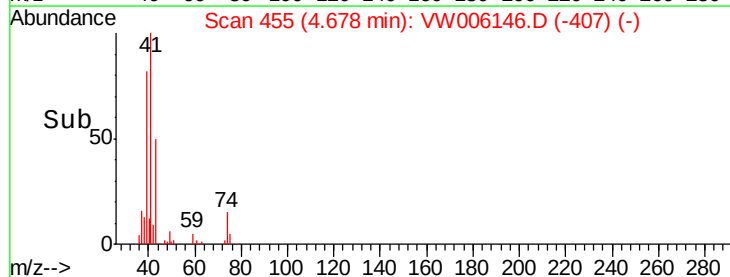
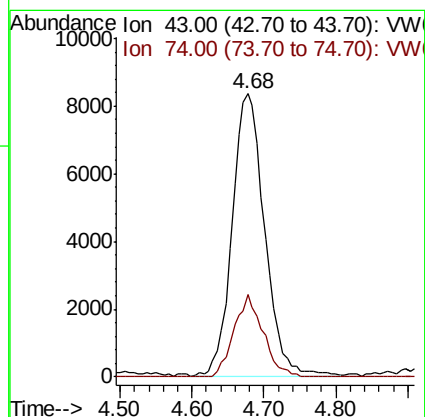
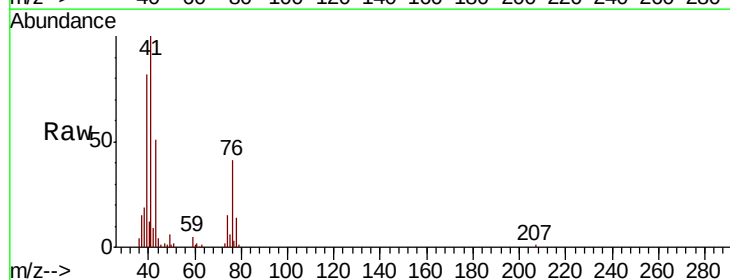
Acq: 18 Oct 2018 01:55

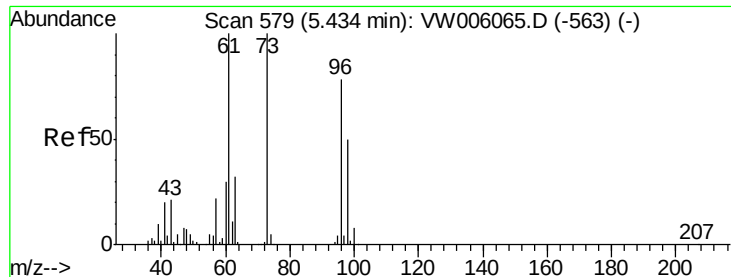
Tgt Ion: 43 Resp: 26374

Ion Ratio Lower Upper

43 100

74 25.8 20.5 30.7





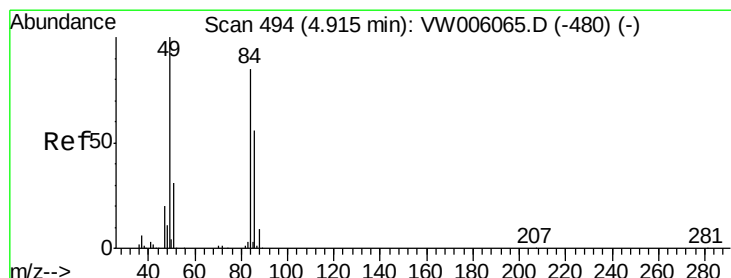
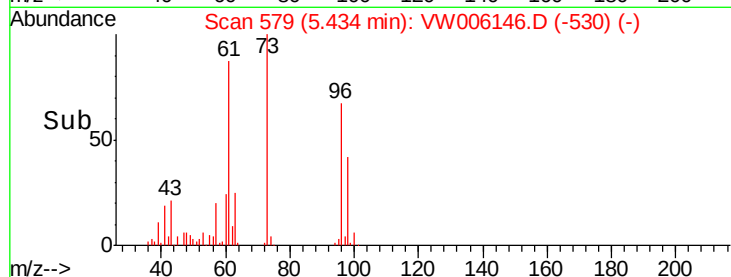
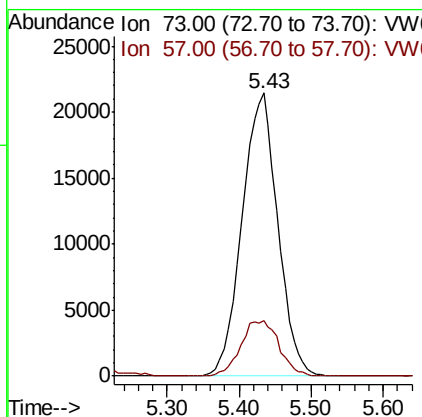
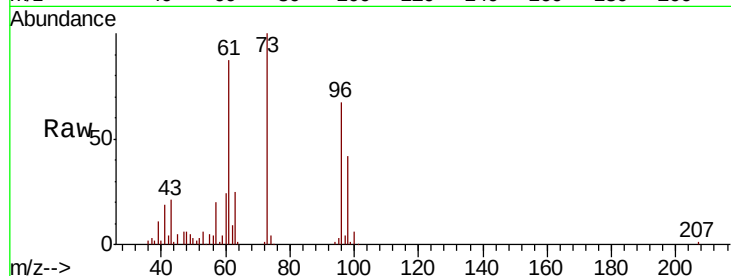
#19
Methyl tert-butyl Ether
Concen: 21.368 ug/l
RT: 5.43 min Scan# 579
Delta R.T. -0.00 min
Lab File: VW006146.D
Acq: 18 Oct 2018 01:55

Instrument :
MSVOA_W
ClientSampleId :
VW1017SBS02

Tot Ion: 73 Resp: 73718
Ion Ratio Lower Upper
73 100
57 19.7 17.4 26.2

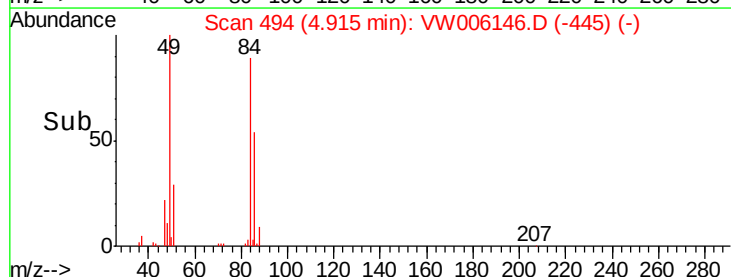
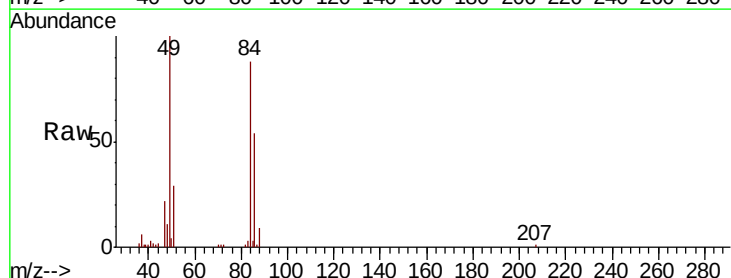
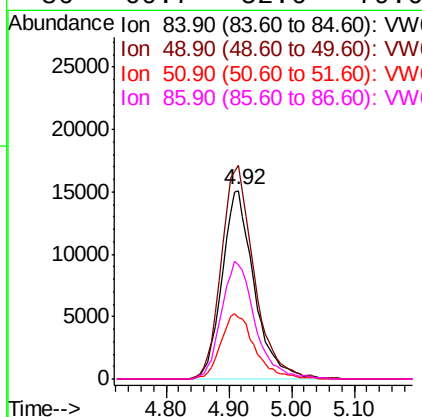
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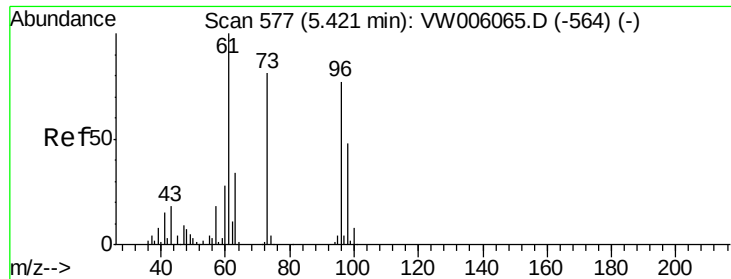
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#20
Methylene Chloride
Concen: 21.580 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW006146.D
Acq: 18 Oct 2018 01:55

Tgt Ion: 84 Resp: 53521
Ion Ratio Lower Upper
84 100
49 113.4 93.6 140.4
51 32.9 29.0 43.4
86 60.7 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 20.850 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW006146.D

Acq: 18 Oct 2018 01:55

Instrument :

MSVOA_W

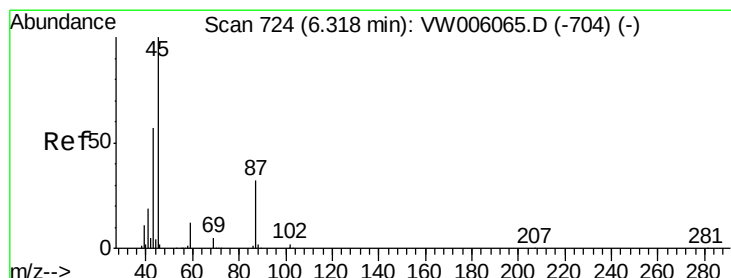
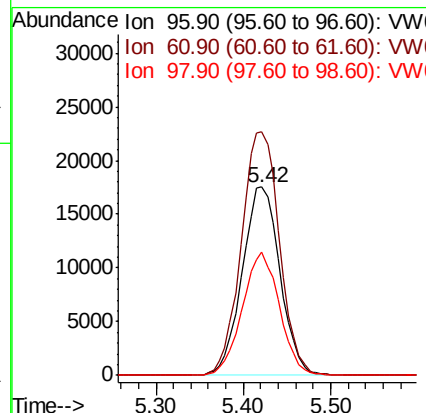
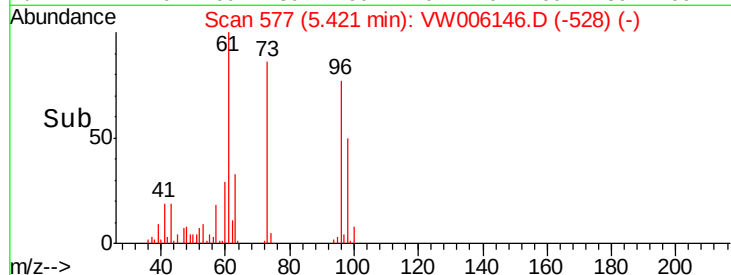
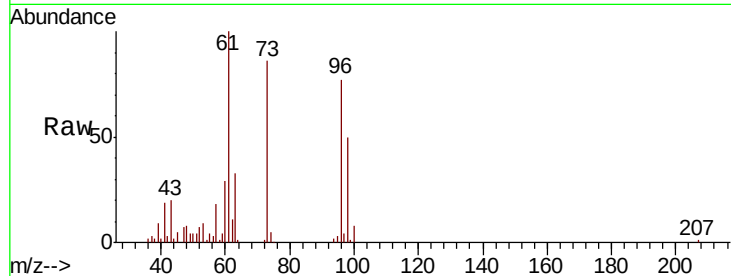
ClientSampleId :

VW1017SBS02

Tot Ion:	96	Resp:	52716
Ion	Ratio	Lower	Upper
96	100		
61	129.4	104.5	156.7
98	65.3	50.6	75.8

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#22

Diisopropyl ether

Concen: 21.313 ug/l

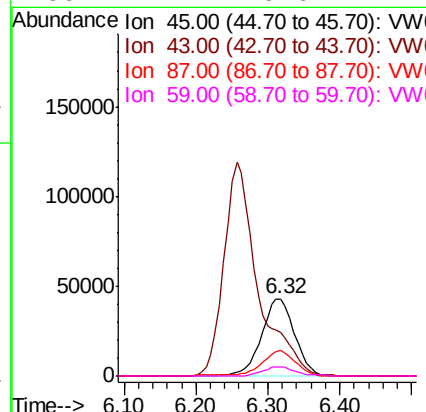
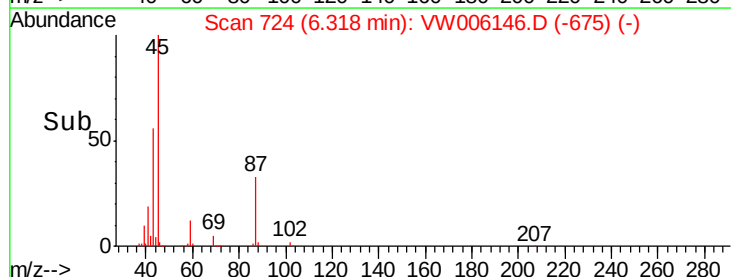
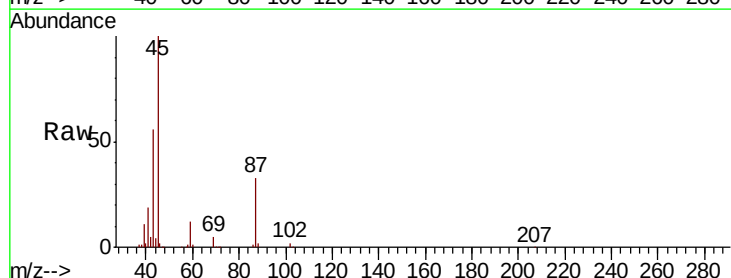
RT: 6.32 min Scan# 724

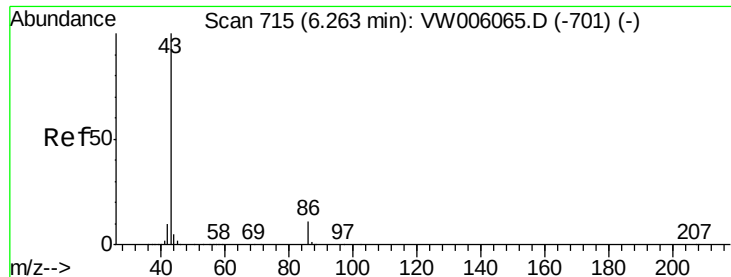
Delta R.T. -0.00 min

Lab File: VW006146.D

Acq: 18 Oct 2018 01:55

Tgt Ion:	45	Resp:	136409
Ion	Ratio	Lower	Upper
45	100		
43	55.8	45.7	68.5
87	32.5	25.9	38.9
59	11.4	9.6	14.4





#23

Vinyl Acetate

Concen: 103.585 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW006146.D

Acq: 18 Oct 2018 01:55

Instrument :

MSVOA_W

ClientSampleId :

VW1017SBS02

Tot Ion: 43 Resp: 391252

Ion Ratio Lower Upper

43 100

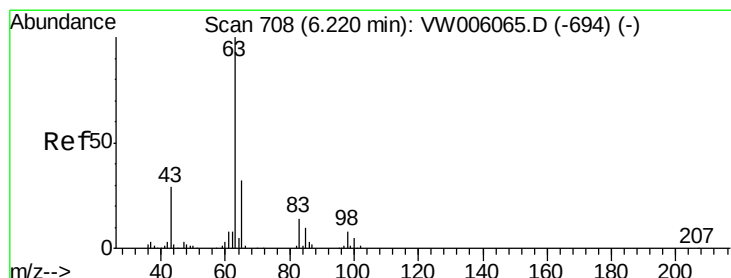
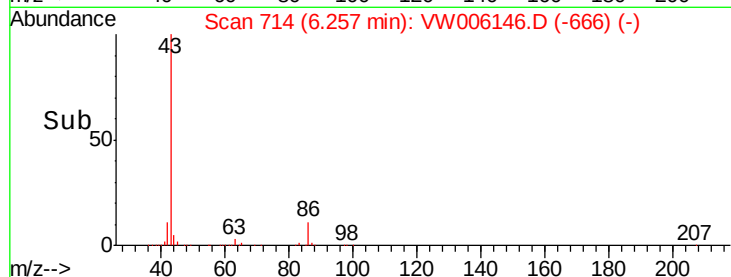
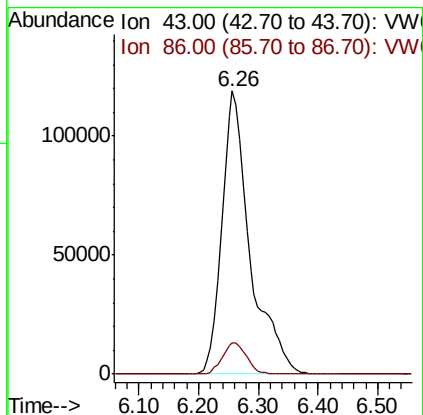
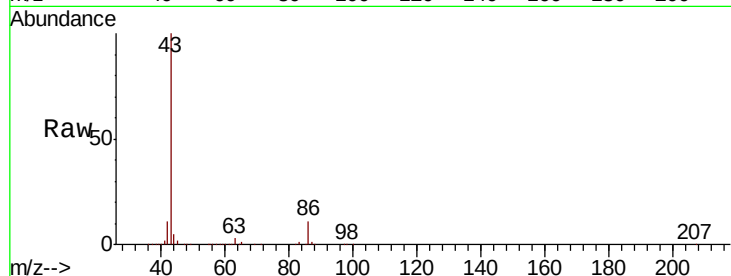
86 11.1 9.0 13.6

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#24

1,1-Dichloroethane

Concen: 21.417 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW006146.D

Acq: 18 Oct 2018 01:55

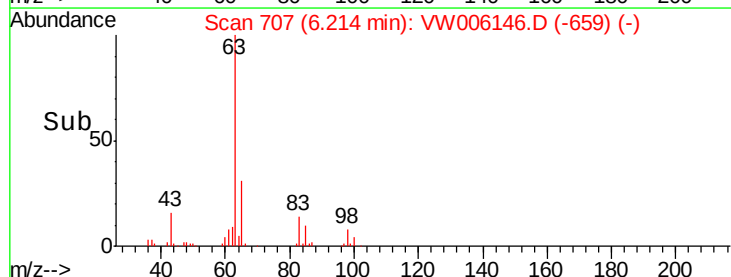
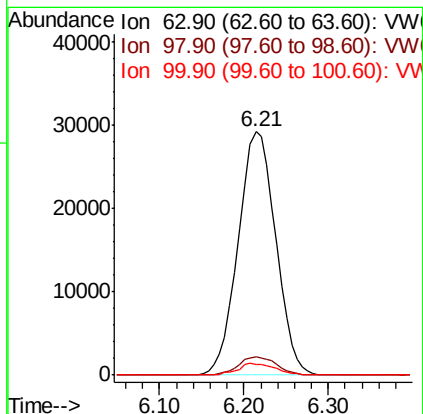
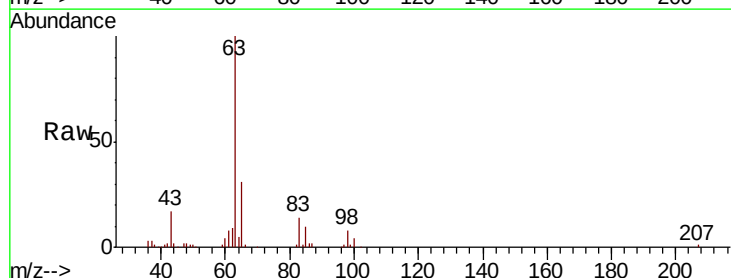
Tgt Ion: 63 Resp: 88447

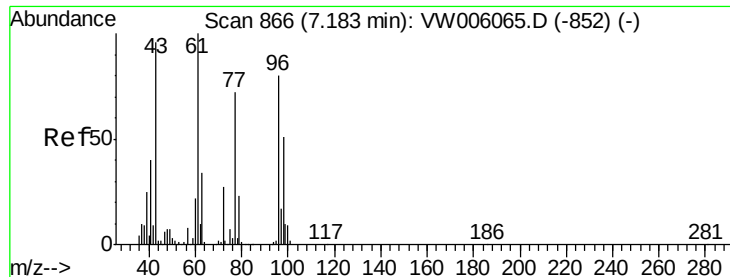
Ion Ratio Lower Upper

63 100

98 7.7 3.8 11.2

100 4.4 2.5 7.5





#25

2-Butanone

Concen: 110.060 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.01 min

Lab File: VW006146.D

Acq: 18 Oct 2018 01:55

Instrument :

MSVOA_W

ClientSampleId :

VW1017SBS02

Tot Ion: 43 Resp: 66825

Ion Ratio Lower Upper

43 100

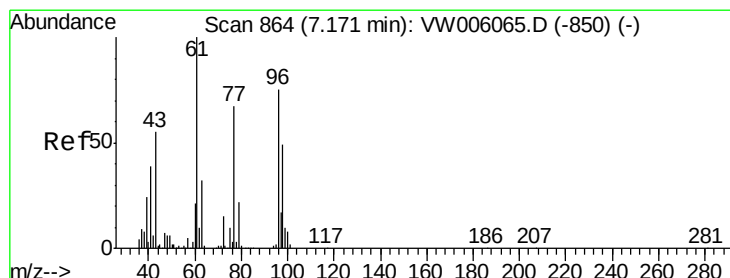
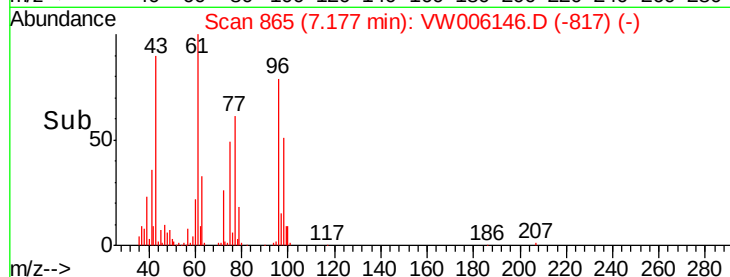
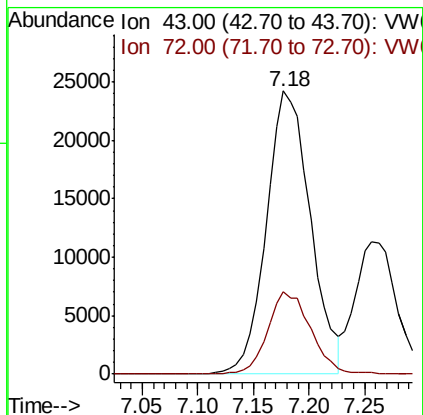
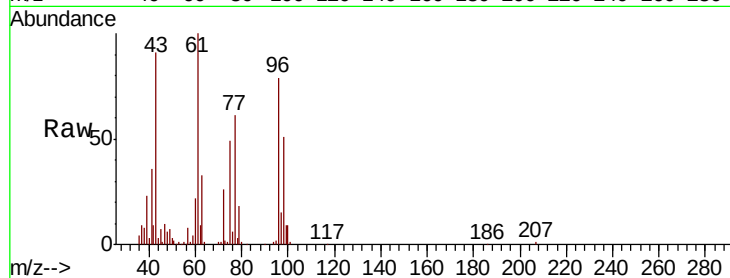
72 29.0 22.8 34.2

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#26

2,2-Dichloropropane

Concen: 17.847 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW006146.D

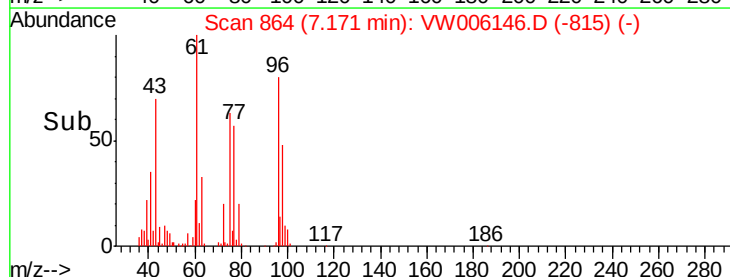
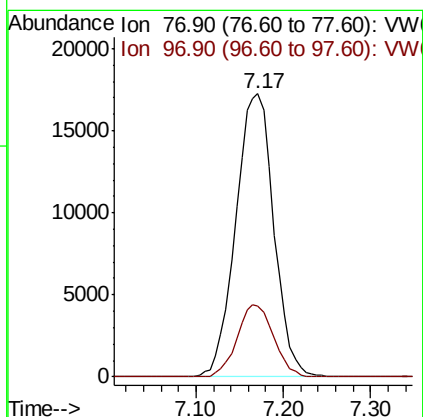
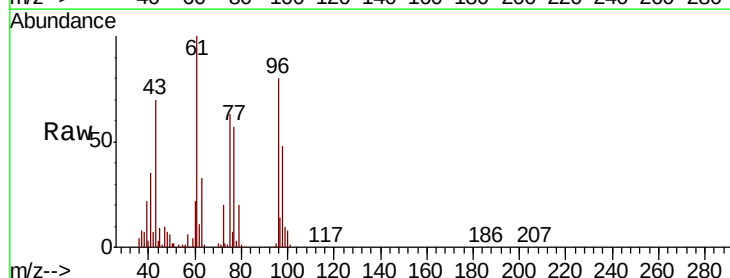
Acq: 18 Oct 2018 01:55

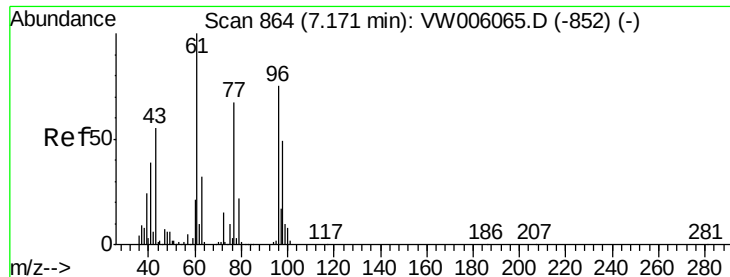
Tgt Ion: 77 Resp: 51984

Ion Ratio Lower Upper

77 100

97 24.4 12.2 36.4





#27

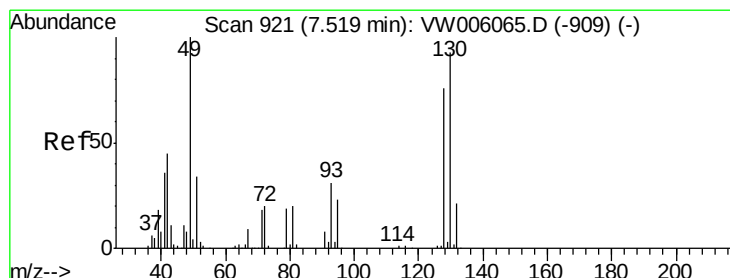
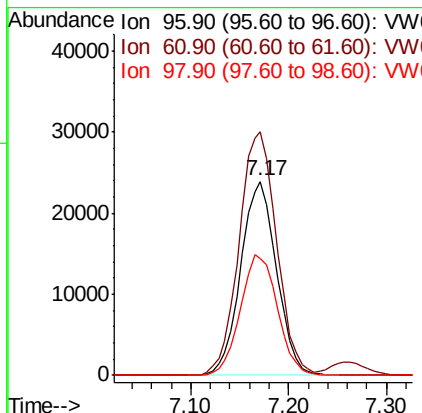
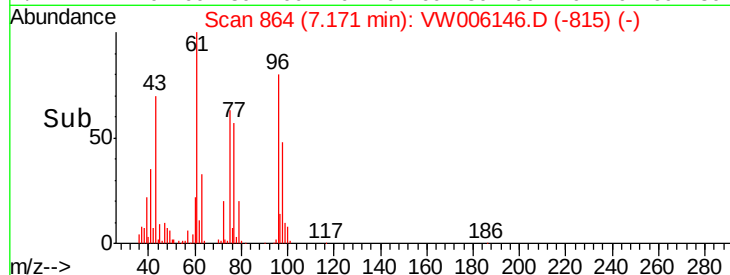
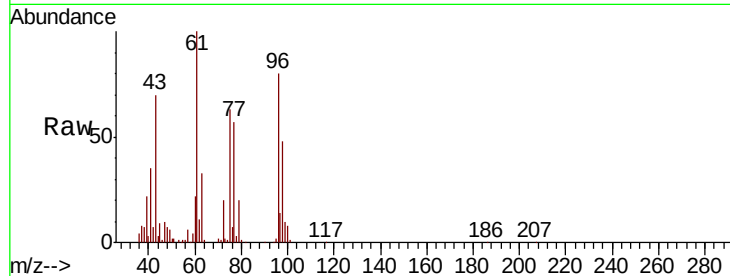
cis-1,2-Dichloroethene
Concen: 21.827 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW006146.D
Acq: 18 Oct 2018 01:55

Instrument :
MSVOA_W
ClientSampleId :
VW1017SBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	131.5	0.0	267.2
98	64.2	0.0	128.6

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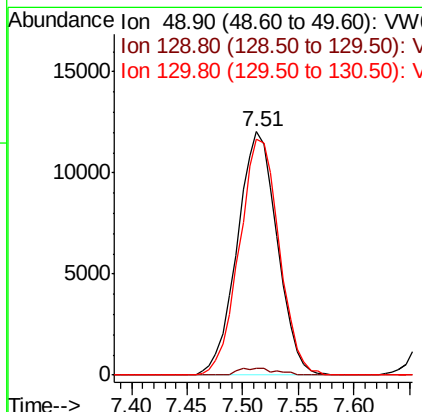
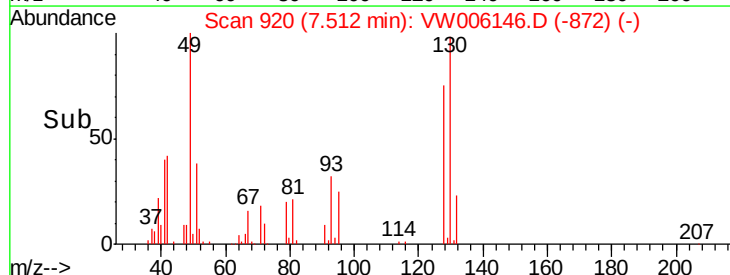
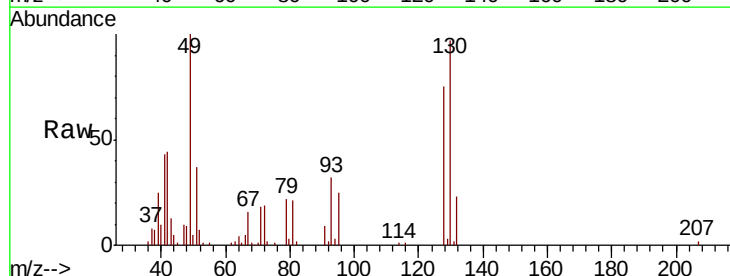
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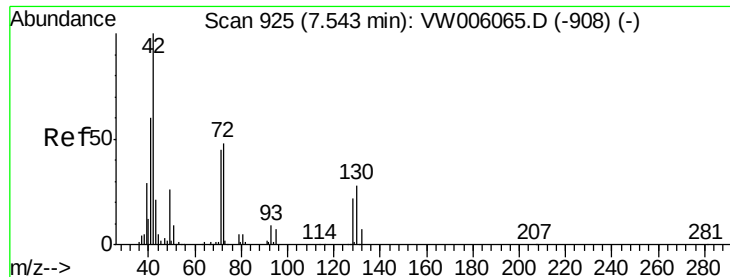


#28

Bromochloromethane
Concen: 18.865 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.01 min
Lab File: VW006146.D
Acq: 18 Oct 2018 01:55

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.0
130	96.7	73.8	110.8





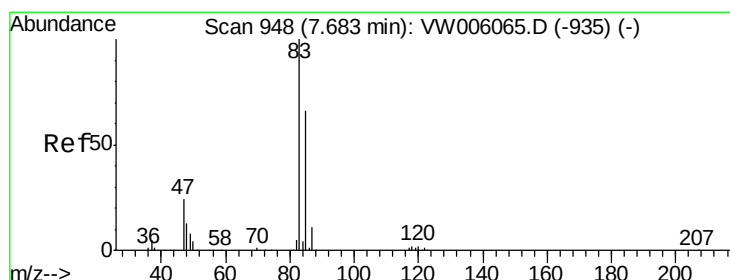
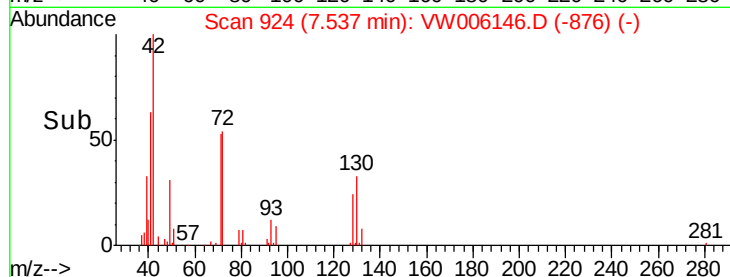
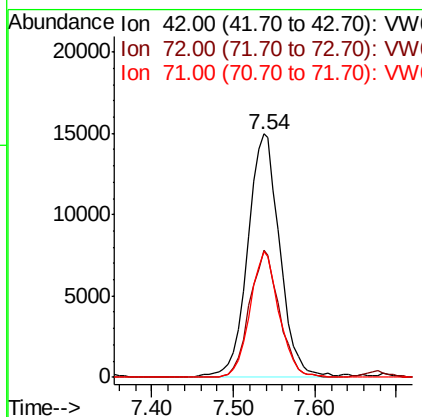
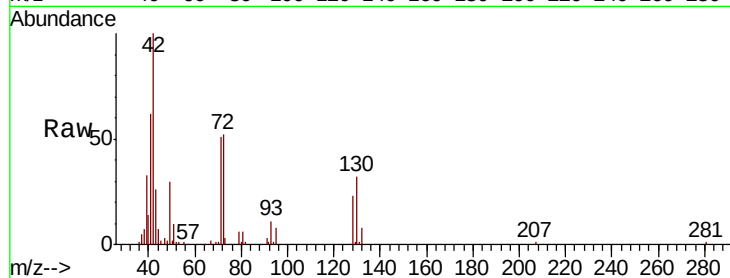
#29
Tetrahydrofuran
Concen: 109.867 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.01 min
Lab File: VW006146.D
Acq: 18 Oct 2018 01:55

Instrument :
MSVOA_W
ClientSampleId :
VW1017SBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.3	38.0	57.0
71	46.7	35.3	52.9

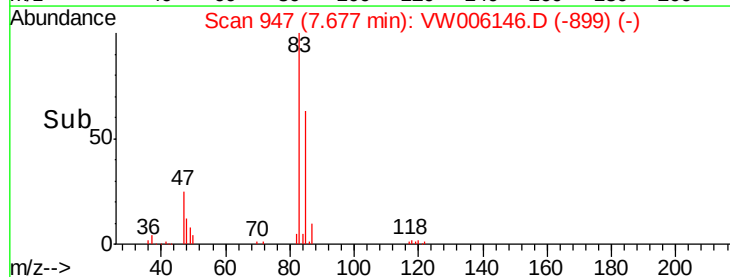
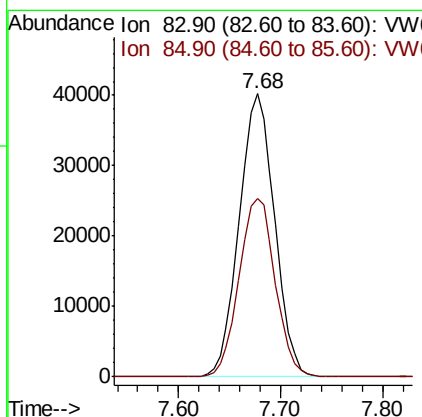
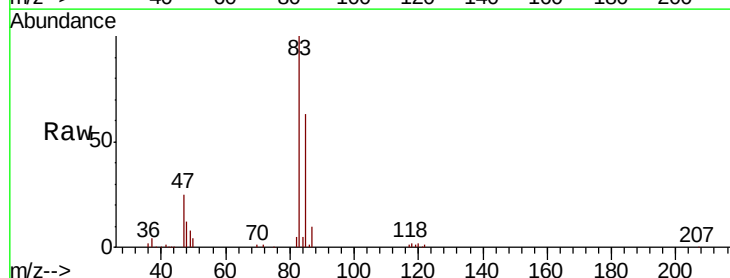
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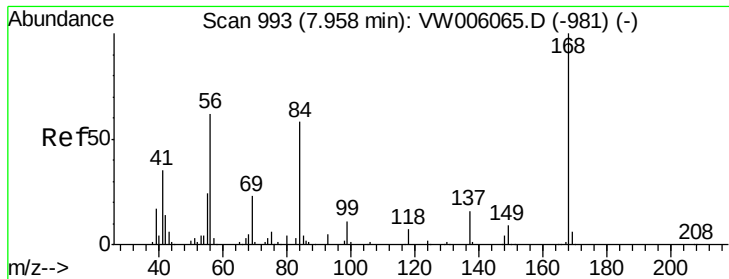
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#30
Chloroform
Concen: 21.559 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.01 min
Lab File: VW006146.D
Acq: 18 Oct 2018 01:55

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.2	52.6	79.0





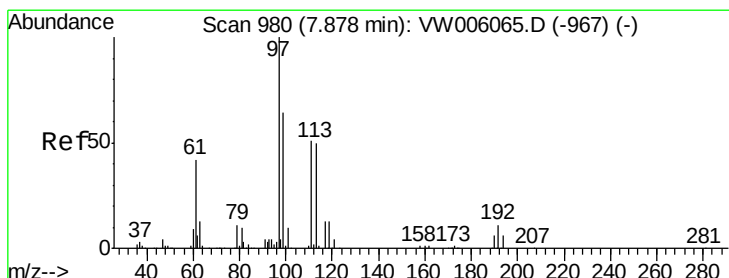
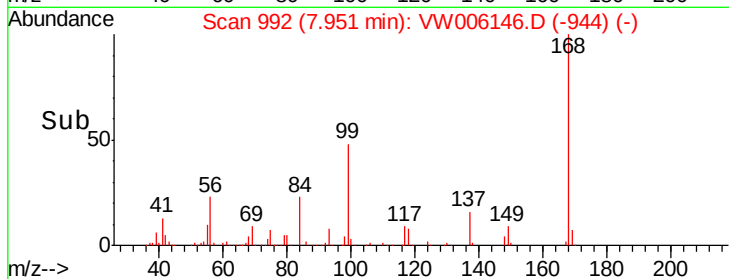
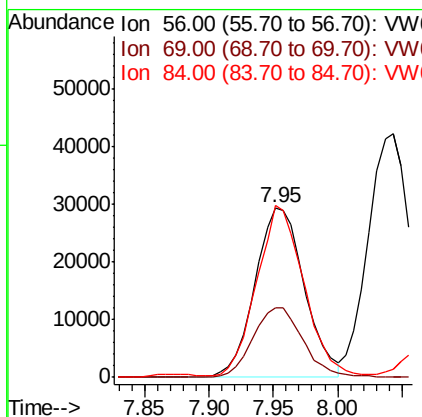
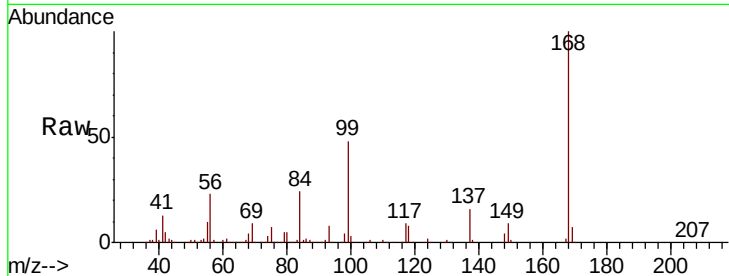
#31
Cyclohexane
Concen: 18.990 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006146.D
Acq: 18 Oct 2018 01:55

Instrument :
MSVOA_W
ClientSampleId :
VW1017SBS02

Tot Ion	Ratio	Lower	Upper
56	100		
69	41.0	29.4	44.0
84	100.3	74.0	111.0

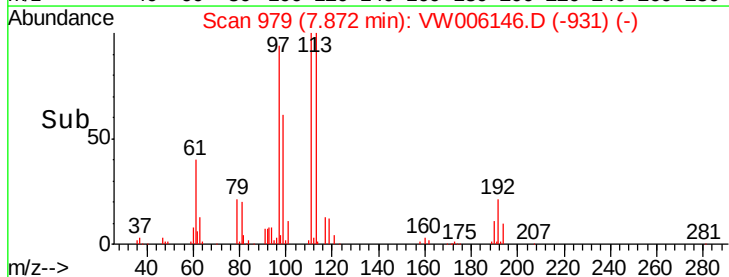
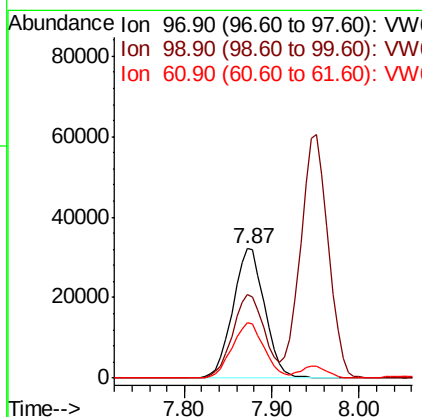
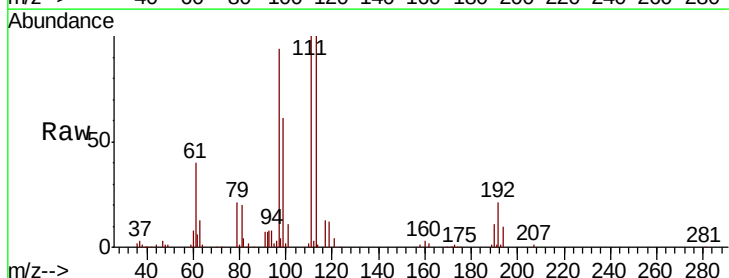
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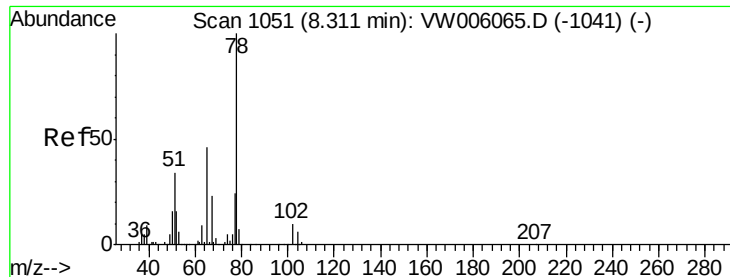
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#32
1,1,1-Trichloroethane
Concen: 20.087 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.01 min
Lab File: VW006146.D
Acq: 18 Oct 2018 01:55

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.0	50.9	76.3
61	42.9	33.7	50.5





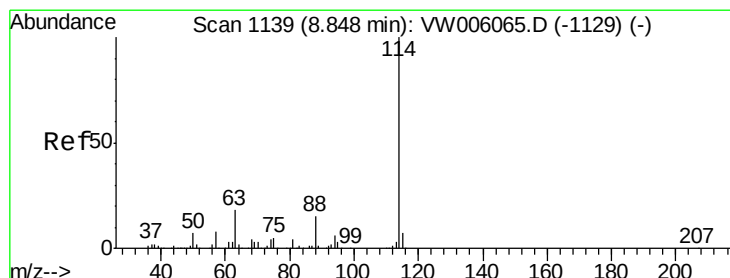
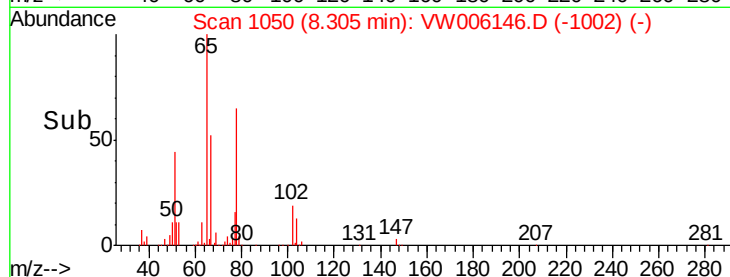
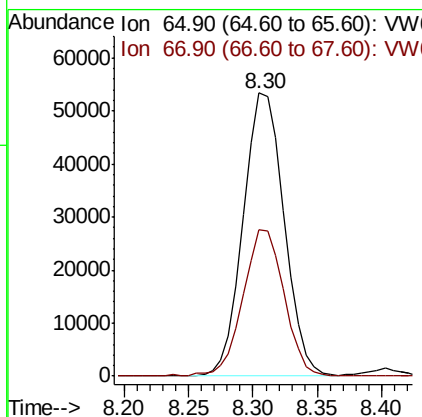
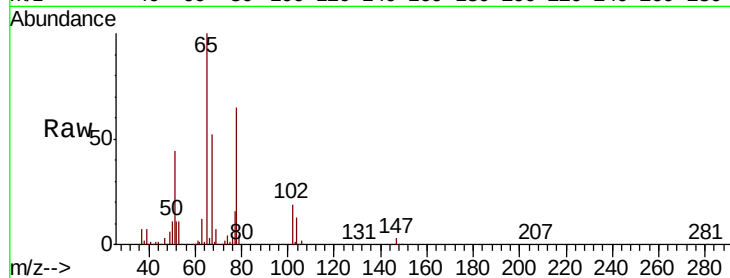
#33
 1,2-Dichloroethane-d4
 Concen: 52.191 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW006146.D
 Acq: 18 Oct 2018 01:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1017SBS02

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	101.0

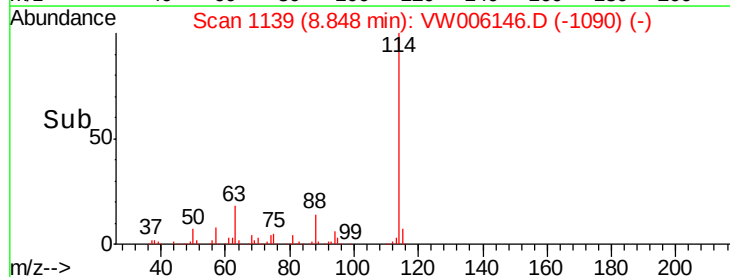
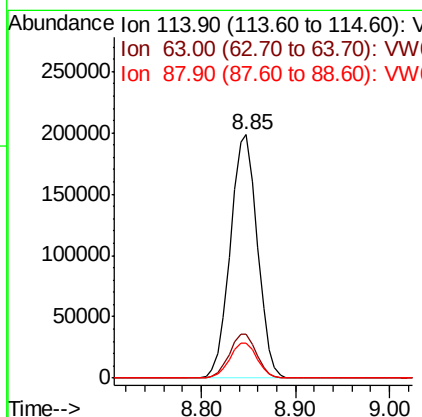
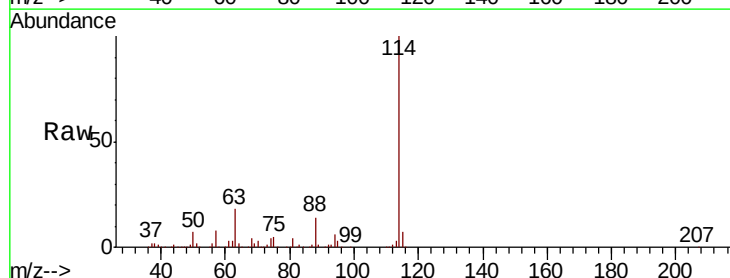
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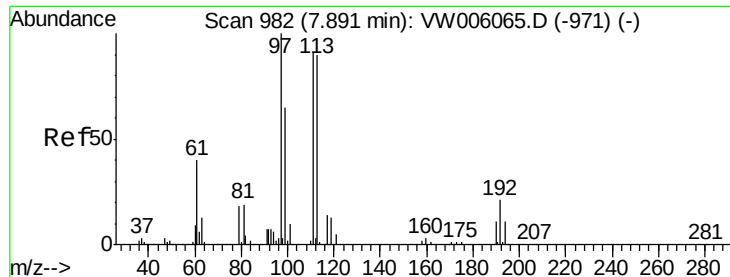
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006146.D
 Acq: 18 Oct 2018 01:55

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.9	0.0	36.8
88	14.4	0.0	29.0





#35

Dibromofluoromethane

Concen: 50.416 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006146.D

Acq: 18 Oct 2018 01:55

Instrument :

MSVOA_W

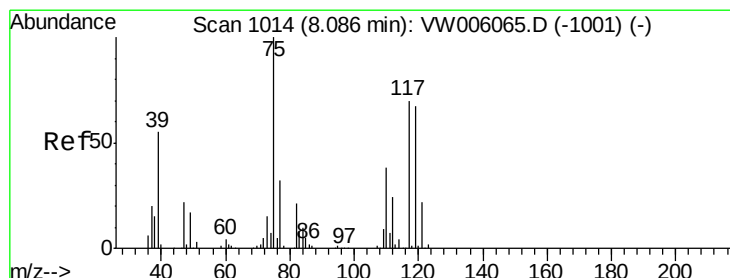
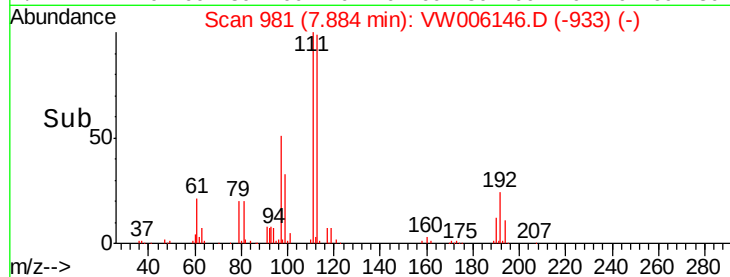
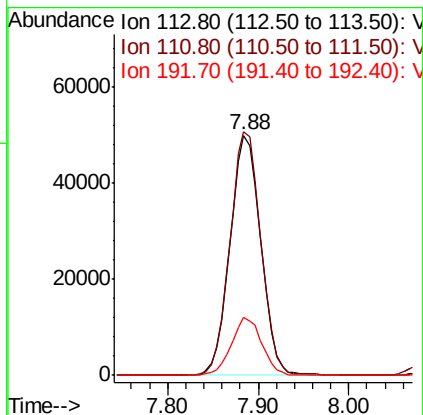
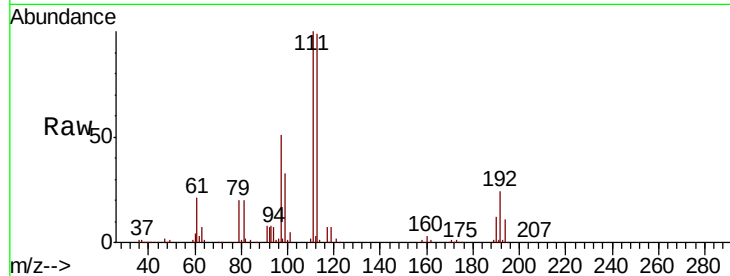
ClientSampleId :

VW1017SBS02

Tot Ion:	113	Resp:	117697
Ion Ratio	Lower	Upper	
113	100		
111	102.0	81.4	122.0
192	23.6	18.7	28.1

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#36

1,1-Dichloropropene

Concen: 20.461 ug/l

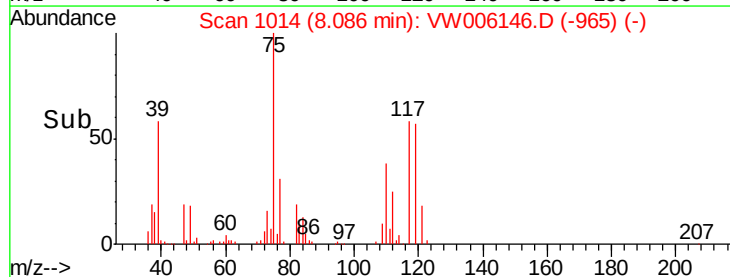
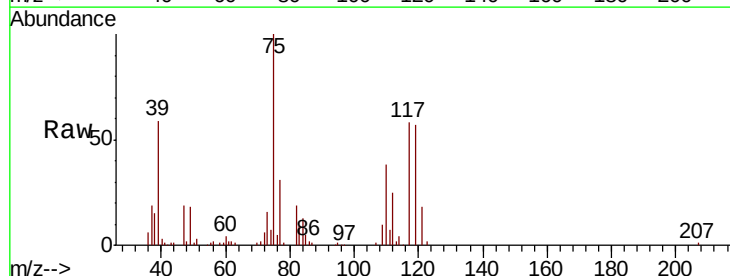
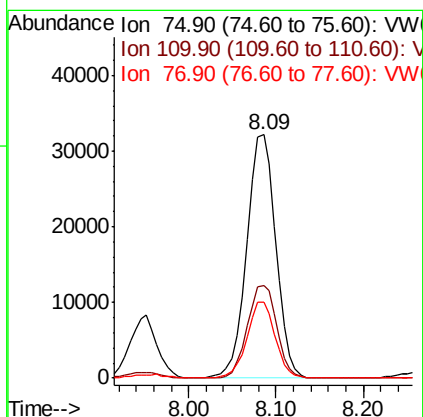
RT: 8.09 min Scan# 1014

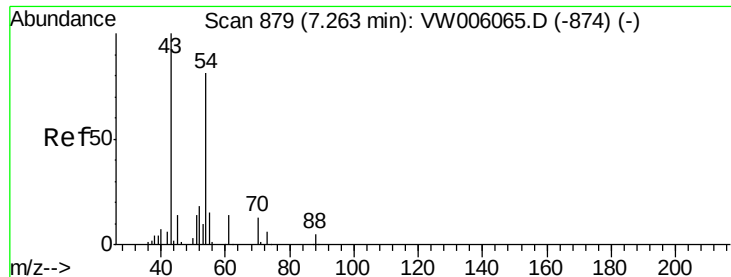
Delta R.T. -0.00 min

Lab File: VW006146.D

Acq: 18 Oct 2018 01:55

Tgt Ion:	75	Resp:	74512
Ion Ratio	Lower	Upper	
75	100		
110	38.2	19.1	57.1
77	30.2	25.0	37.4





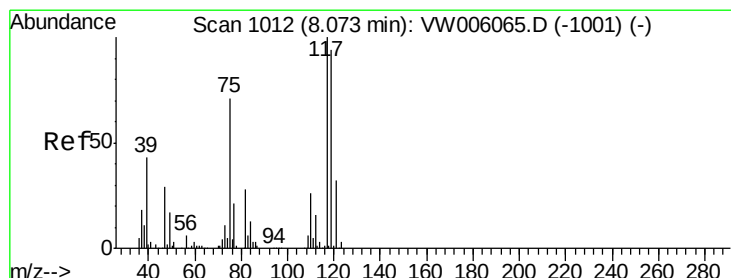
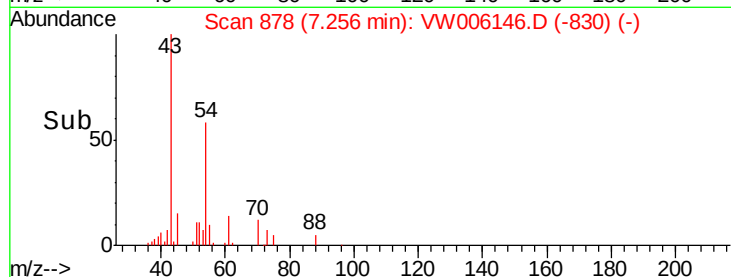
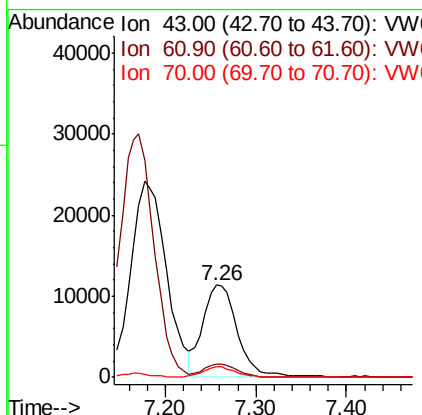
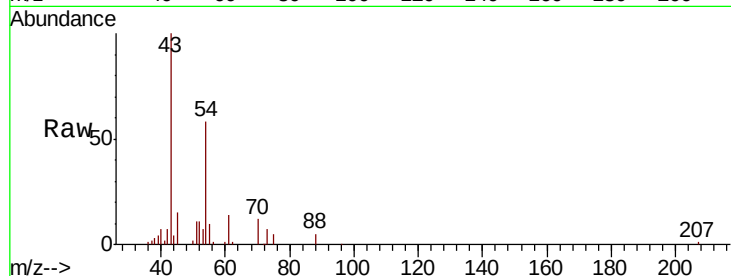
#37
Ethyl Acetate
Concen: 22.491 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.01 min
Lab File: VW006146.D
Acq: 18 Oct 2018 01:55

Instrument :
MSVOA_W
ClientSampleId :
VW1017SBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.1	11.5	17.3
70	11.2	9.2	13.8

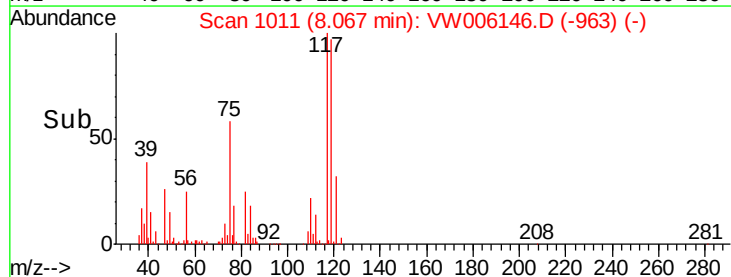
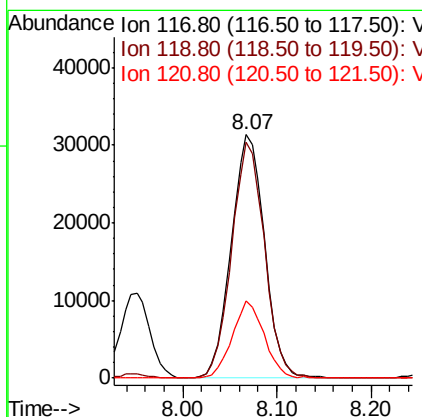
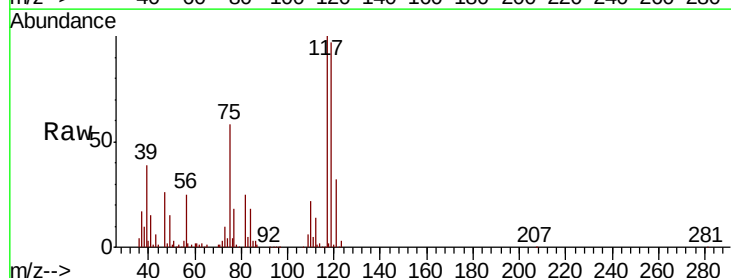
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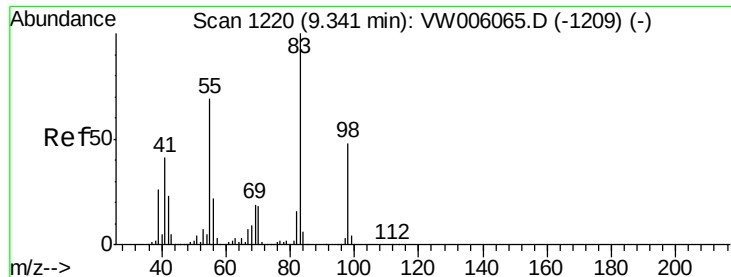
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#38
Carbon Tetrachloride
Concen: 19.363 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW006146.D
Acq: 18 Oct 2018 01:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.7	75.2	112.8
121	31.9	25.3	37.9





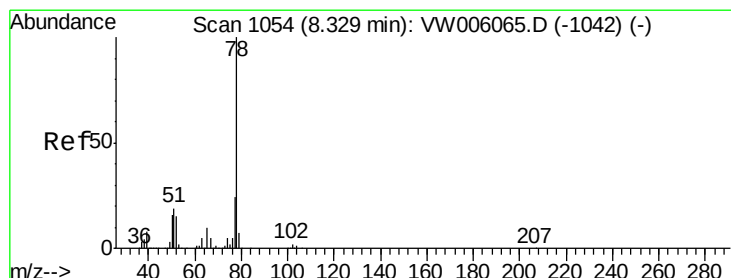
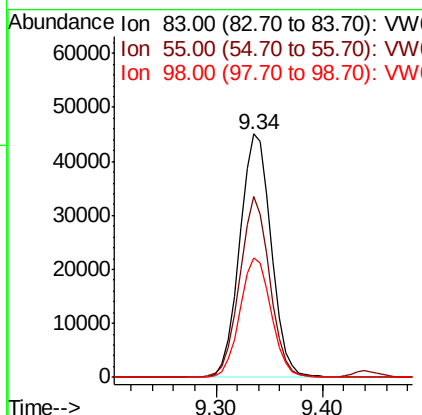
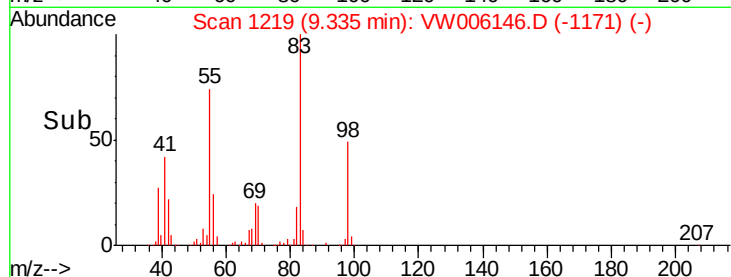
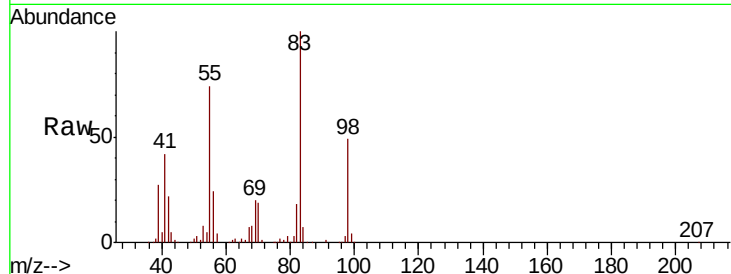
#39
Methylvlcyclohexane
Concen: 19.367 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006146.D
Acq: 18 Oct 2018 01:55

Instrument :
MSVOA_W
ClientSampleId :
VW1017SBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.4	55.0	82.6
98	49.0	38.6	57.8

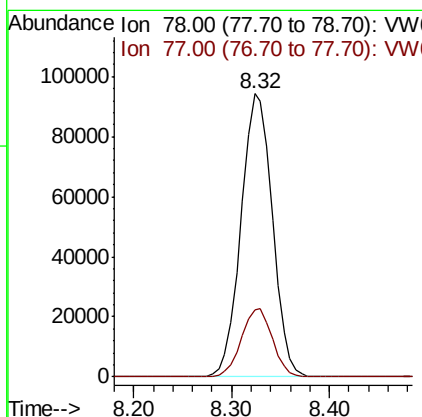
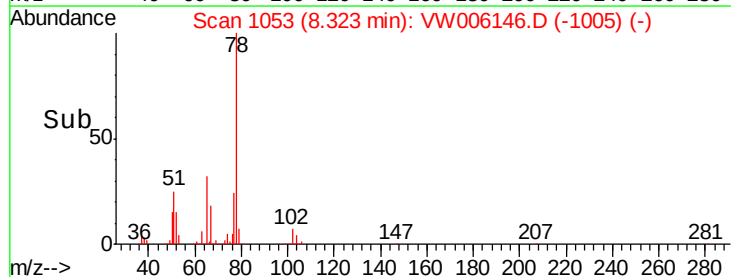
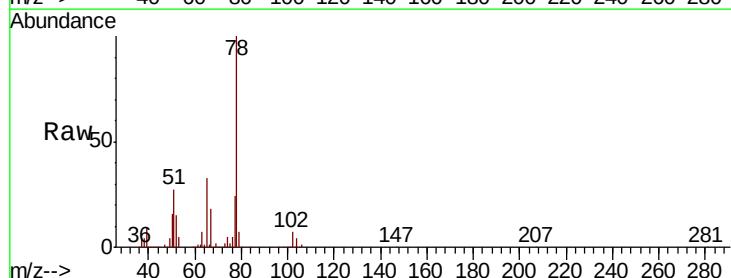
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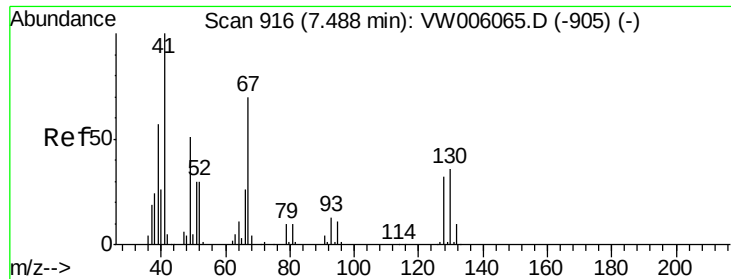
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#40
Benzene
Concen: 21.012 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW006146.D
Acq: 18 Oct 2018 01:55

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.4	29.0





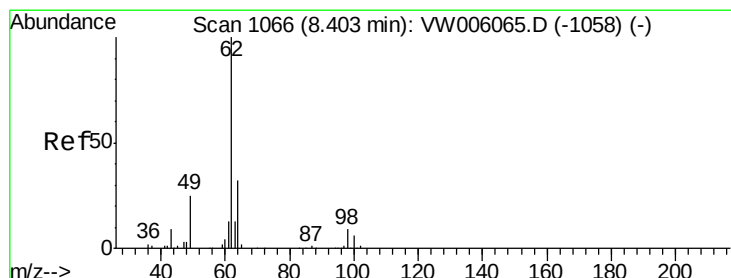
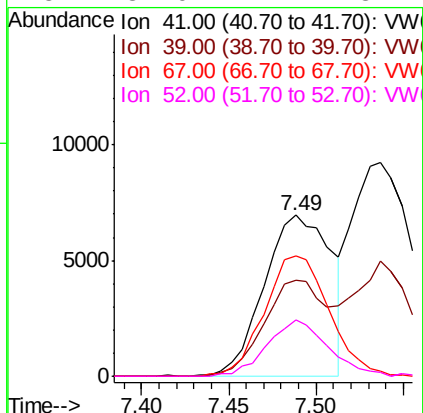
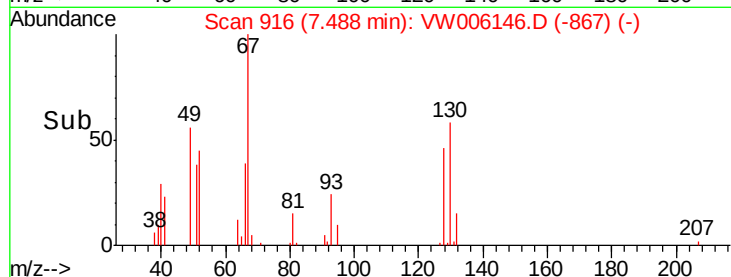
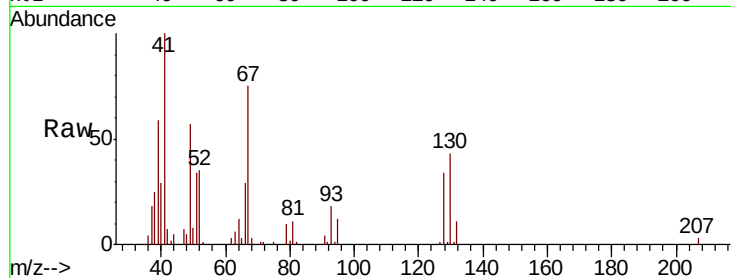
#41
Methacrylonitrile
Concen: 22.850 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW006146.D
Acq: 18 Oct 2018 01:55

Instrument :
MSVOA_W
ClientSampleId :
VW1017SBS02

Tot Ion	Ratio	Lower	Upper
41	100		
39	52.3	46.2	69.4
67	71.9	57.7	86.5
52	32.0	24.7	37.1

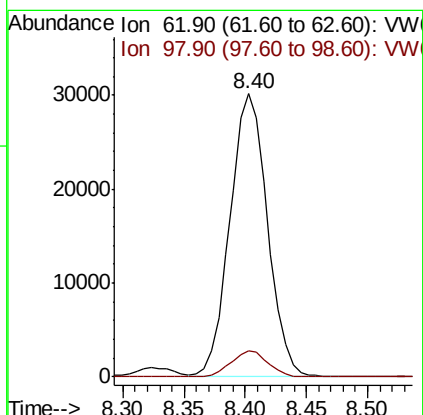
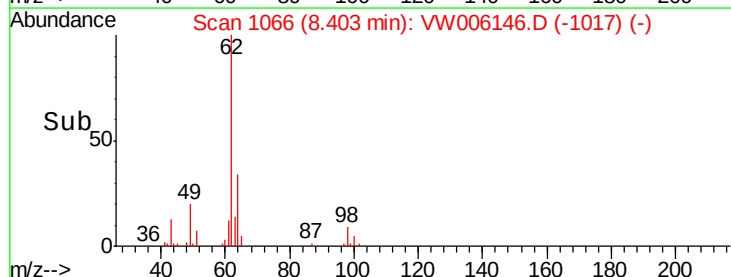
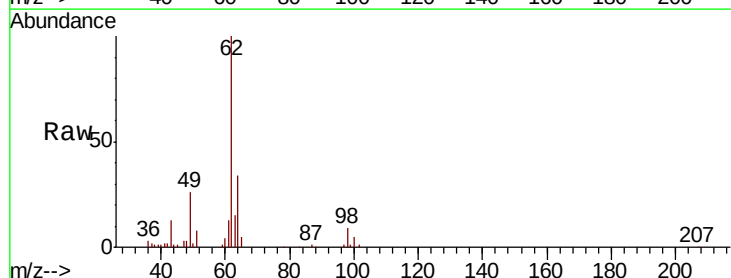
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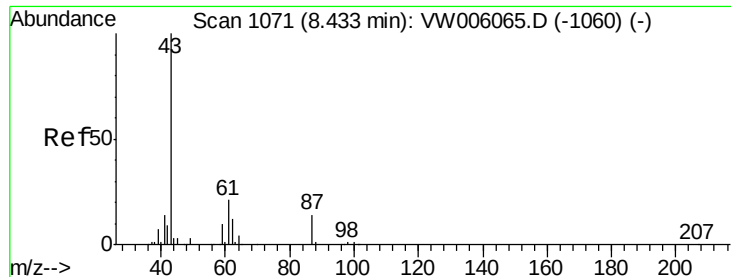
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#42
1,2-Dichloroethane
Concen: 21.825 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW006146.D
Acq: 18 Oct 2018 01:55

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.4





#43

Isopropyl Acetate

Concen: 20.950 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.01 min

Lab File: VW006146.D

Acq: 18 Oct 2018 01:55

Instrument :

MSVOA_W

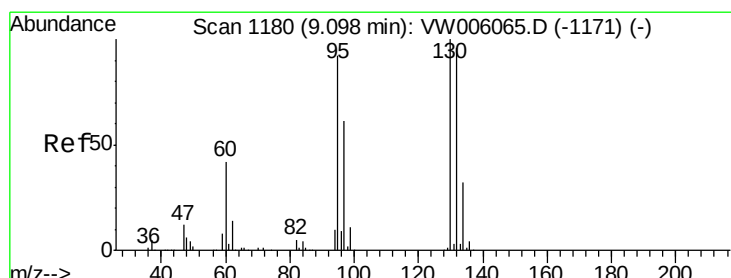
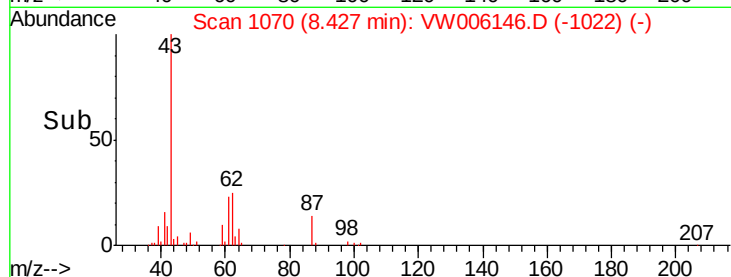
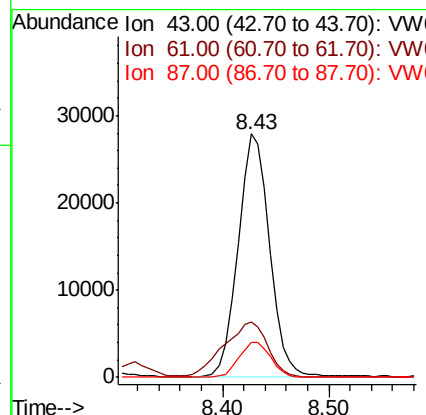
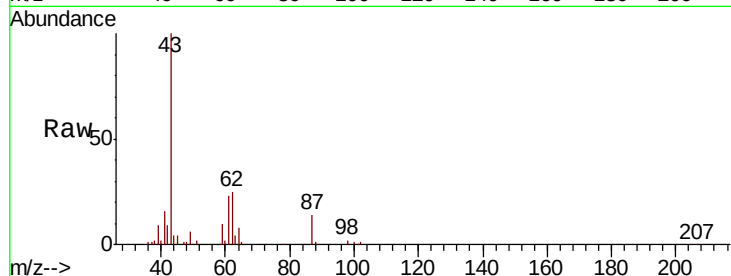
ClientSampleId :

VW1017SBS02

Tot Ion:	43	Resp:	57956
Ion	Ratio	Lower	Upper
43	100		
61	31.5	25.5	38.3
87	14.6	11.7	17.5

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#44

Trichloroethene

Concen: 21.268 ug/l

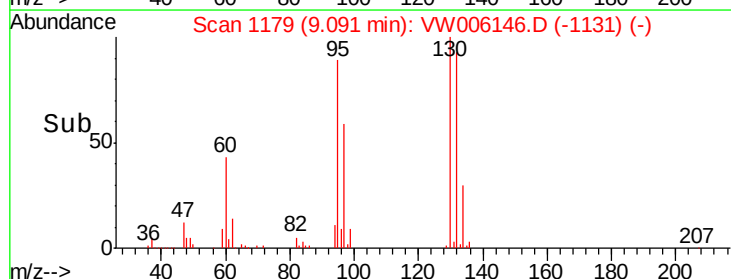
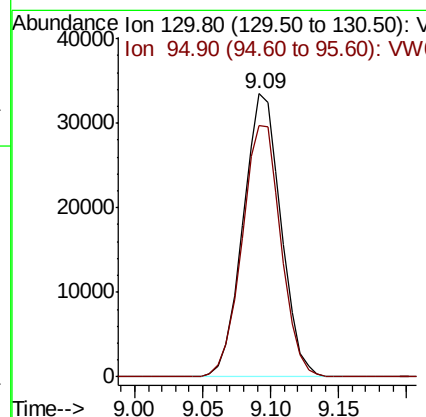
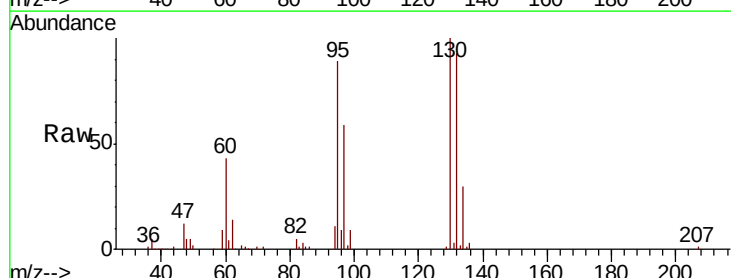
RT: 9.09 min Scan# 1179

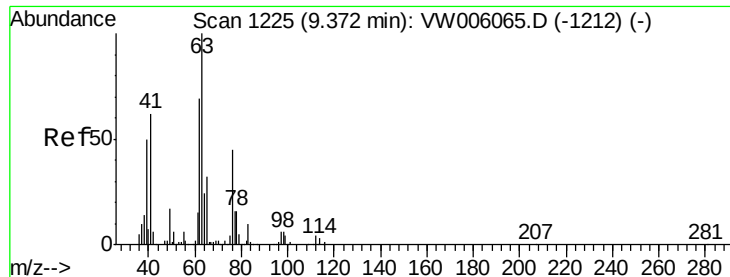
Delta R.T. -0.01 min

Lab File: VW006146.D

Acq: 18 Oct 2018 01:55

Tgt Ion:	130	Resp:	65180
Ion	Ratio	Lower	Upper
130	100		
95	88.7	0.0	183.2





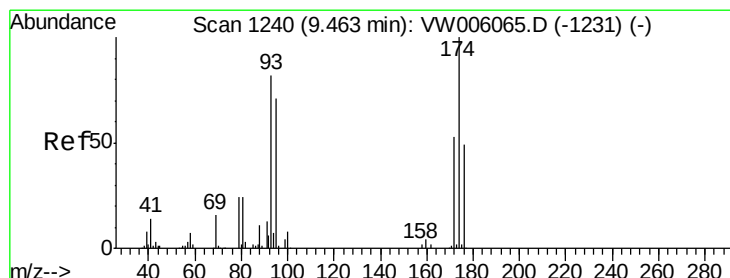
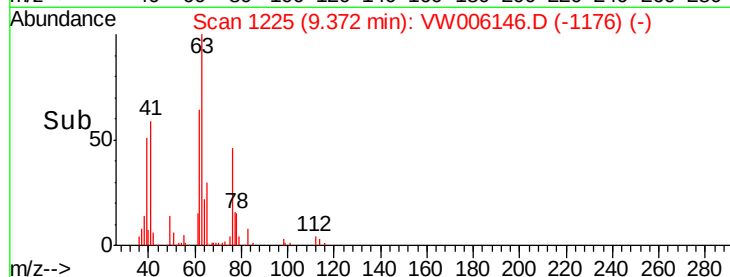
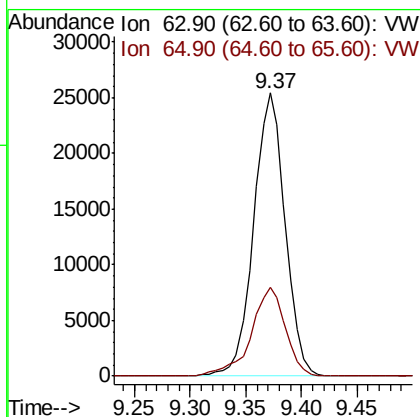
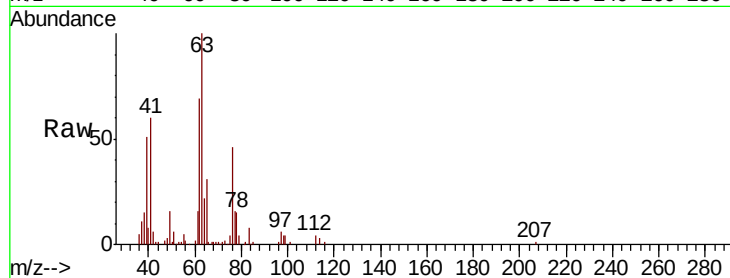
#45
 1,2-Dichloropropane
 Concen: 20.935 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW006146.D
 Acq: 18 Oct 2018 01:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1017SBS02

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.2	25.4	38.0

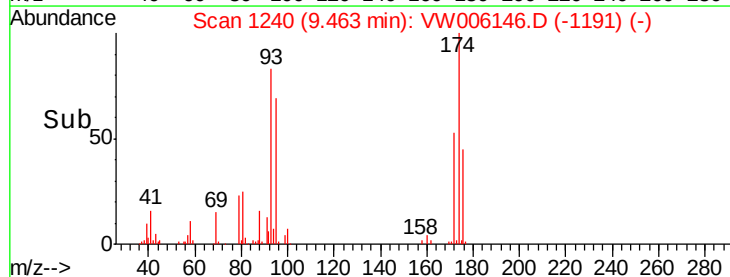
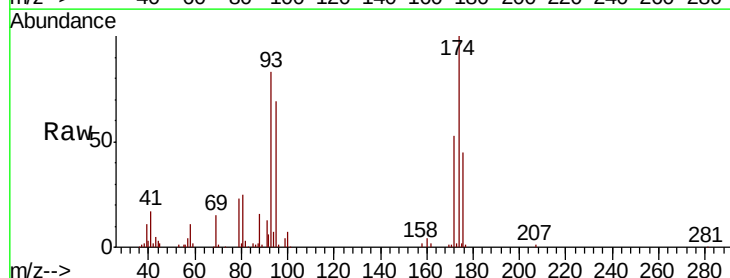
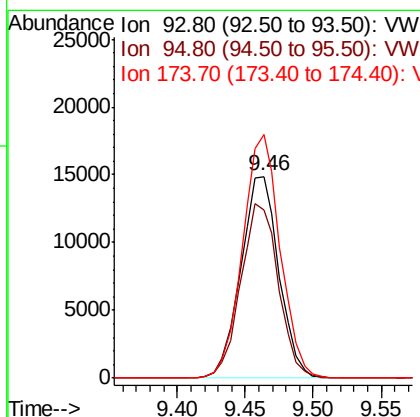
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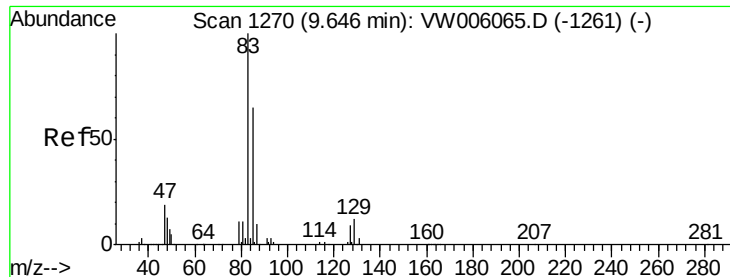
apatel
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#46
 Dibromomethane
 Concen: 21.388 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW006146.D
 Acq: 18 Oct 2018 01:55

Tgt Ion	Ratio	Lower	Upper
93	100		
95	85.2	67.7	101.5
174	118.9	93.7	140.5





#47

Bromodichloromethane

Concen: 20.558 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW006146.D

Acq: 18 Oct 2018 01:55

Instrument :

MSVOA_W

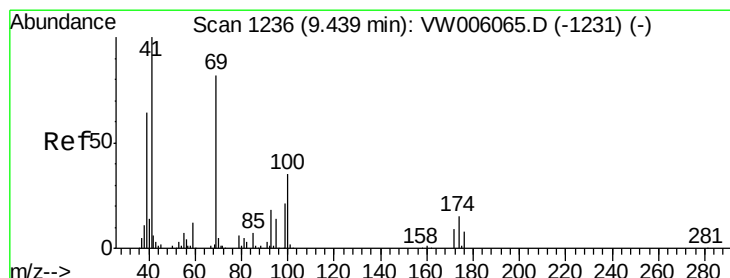
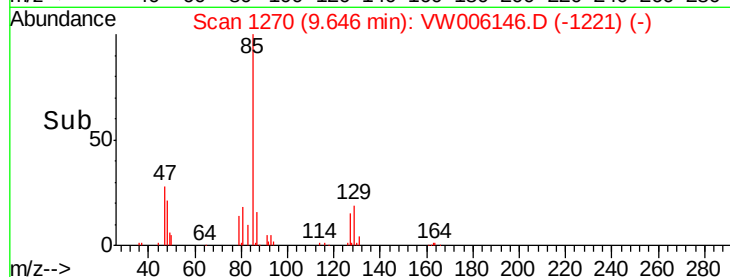
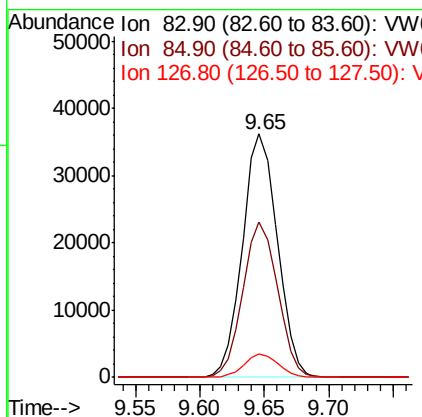
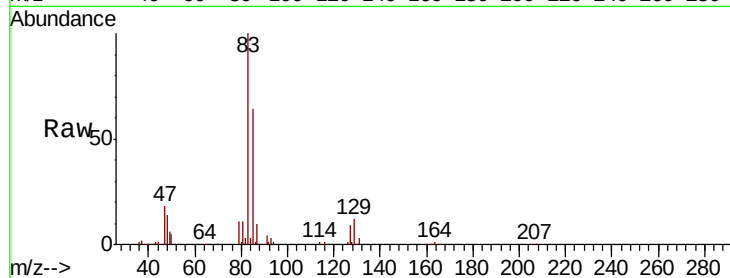
ClientSampleId :

VW1017SBS02

Tot Ion:	83	Resp:	67904
Ion	Ratio	Lower	Upper
83	100		
85	63.6	51.8	77.8
127	9.4	6.9	10.3

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#48

Methyl methacrylate

Concen: 21.664 ug/l

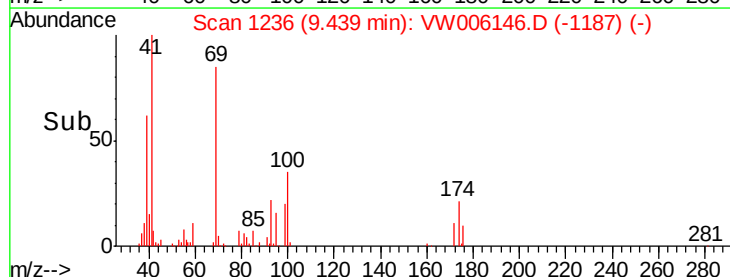
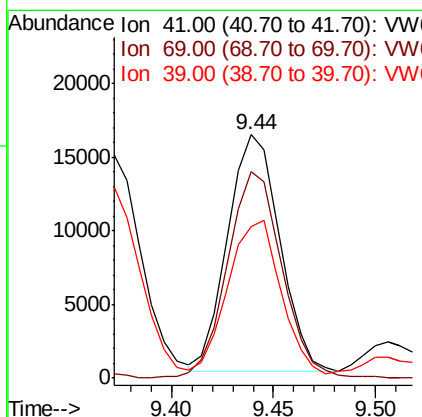
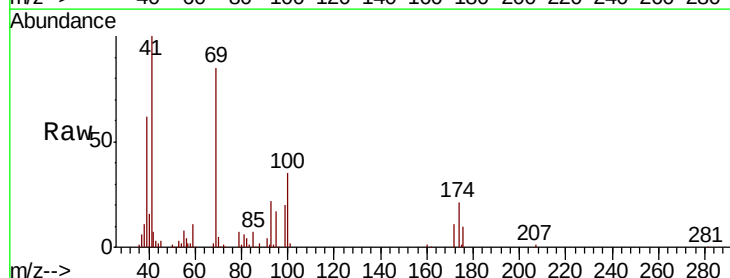
RT: 9.44 min Scan# 1236

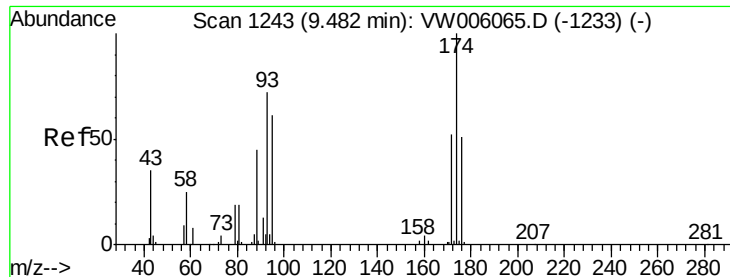
Delta R.T. -0.00 min

Lab File: VW006146.D

Acq: 18 Oct 2018 01:55

Tgt Ion:	41	Resp:	28408
Ion	Ratio	Lower	Upper
41	100		
69	92.0	71.8	107.8
39	65.8	52.5	78.7





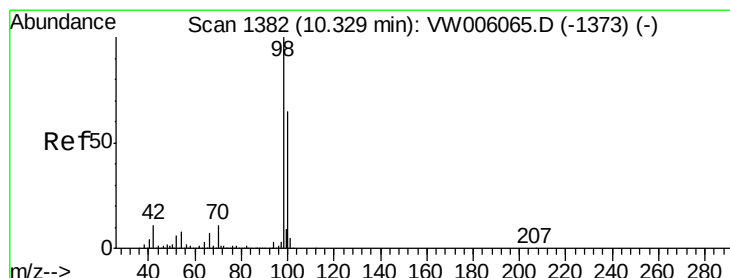
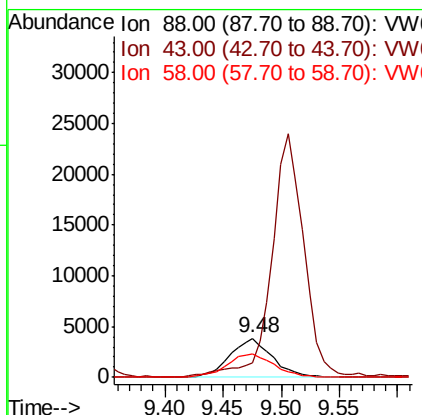
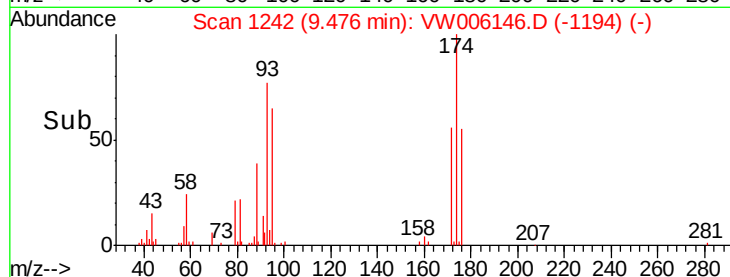
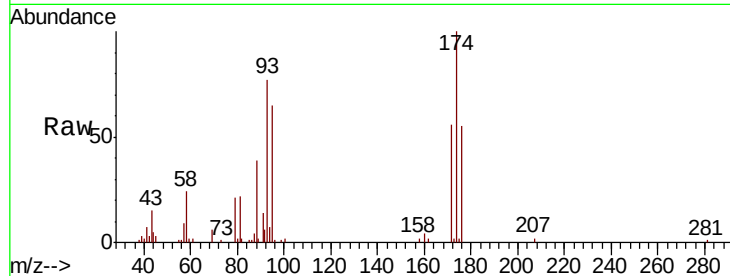
#49
1,4-Dioxane
Concen: 458.537 ug/l
RT: 9.48 min Scan# 1242
Delta R.T. -0.01 min
Lab File: VW006146.D
Acq: 18 Oct 2018 01:55

Instrument :
MSVOA_W
ClientSampleId :
VW1017SBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	67.5	51.2	76.8

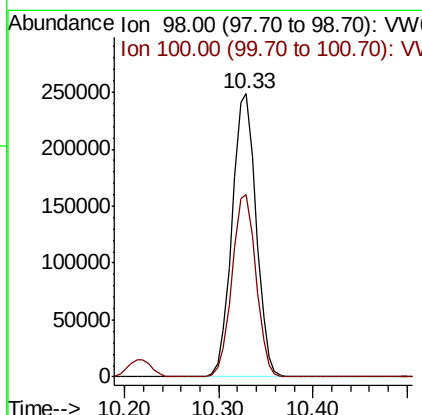
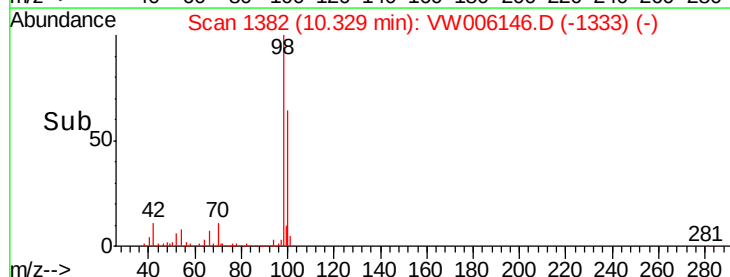
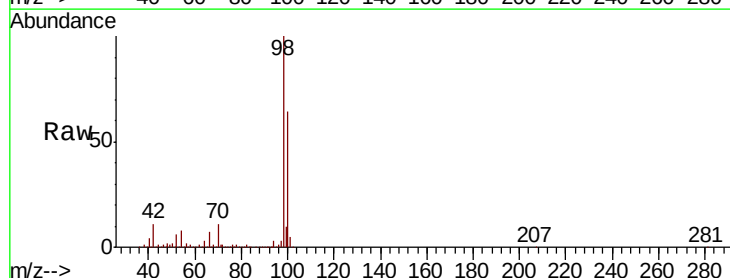
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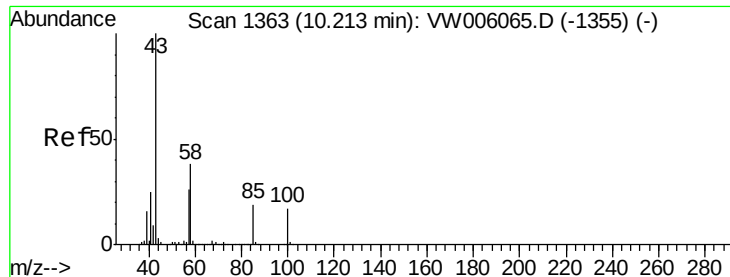
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#50
Toluene-d8
Concen: 49.495 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006146.D
Acq: 18 Oct 2018 01:55

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 110.040 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW006146.D

Acq: 18 Oct 2018 01:55

Instrument :

MSVOA_W

ClientSampleId :

VW1017SBS02

Tot Ion: 43 Resp: 152521

Ion Ratio Lower Upper

43 100

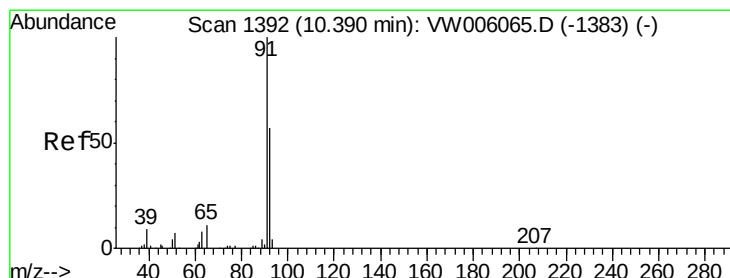
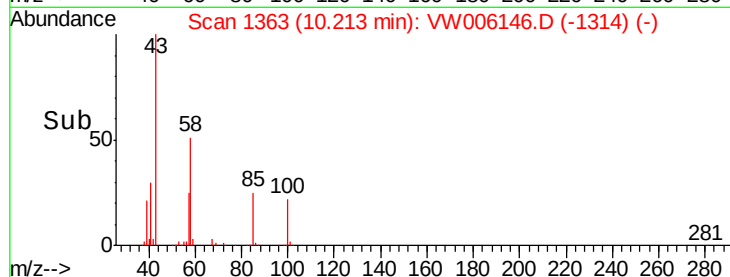
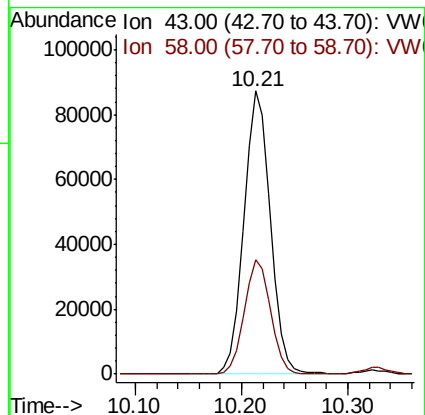
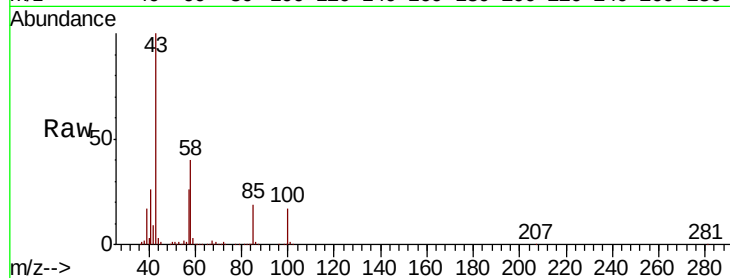
58 40.0 31.5 47.3

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#52

Toluene

Concen: 21.007 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW006146.D

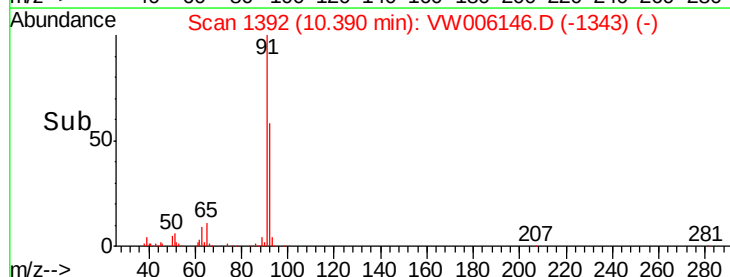
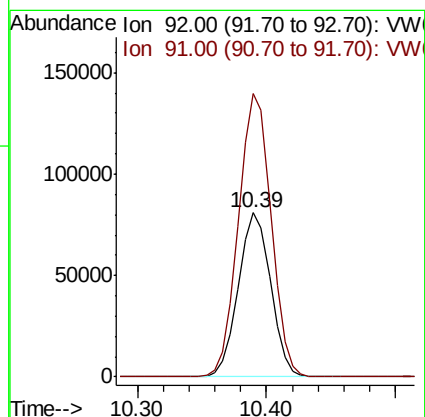
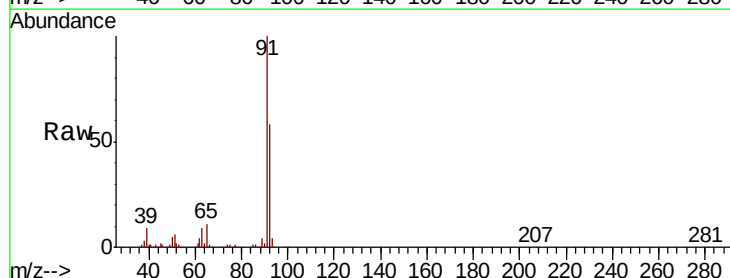
Acq: 18 Oct 2018 01:55

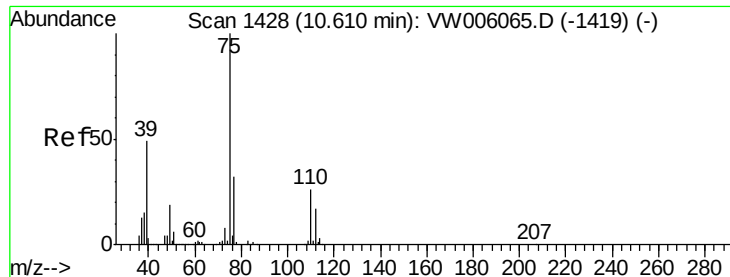
Tgt Ion: 92 Resp: 140683

Ion Ratio Lower Upper

92 100

91 174.2 140.0 210.0





#53

t-1,3-Dichloropropene

Concen: 19.397 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW006146.D

Acq: 18 Oct 2018 01:55

Instrument :

MSVOA_W

ClientSampleId :

VW1017SBS02

Tot Ion: 75 Resp: 63832

Ion Ratio Lower Upper

75 100

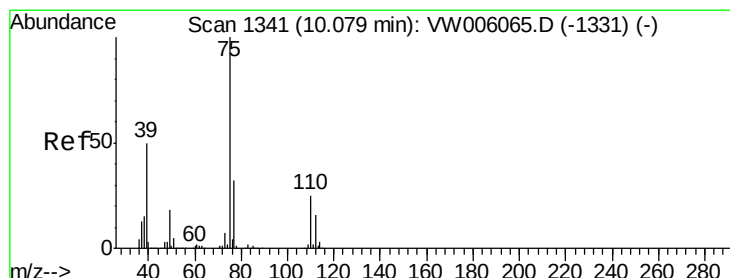
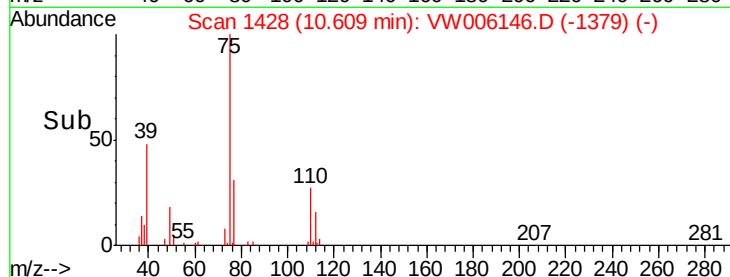
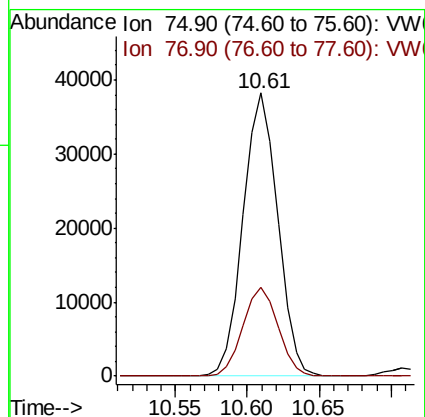
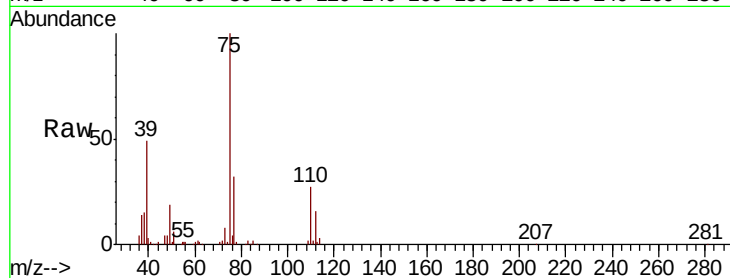
77 31.6 25.4 38.2

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#54

cis-1,3-Dichloropropene

Concen: 19.624 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.01 min

Lab File: VW006146.D

Acq: 18 Oct 2018 01:55

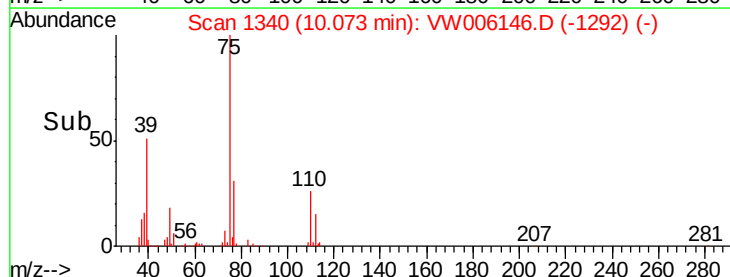
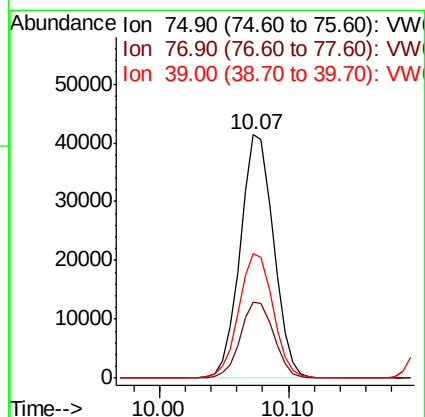
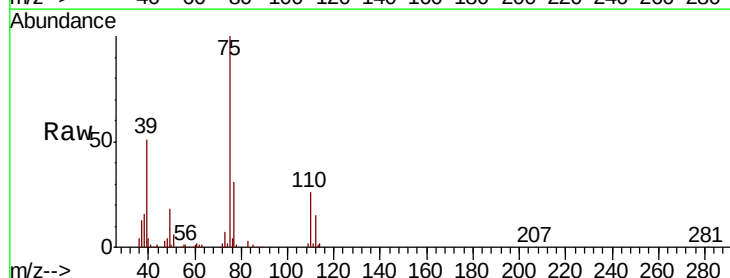
Tgt Ion: 75 Resp: 74116

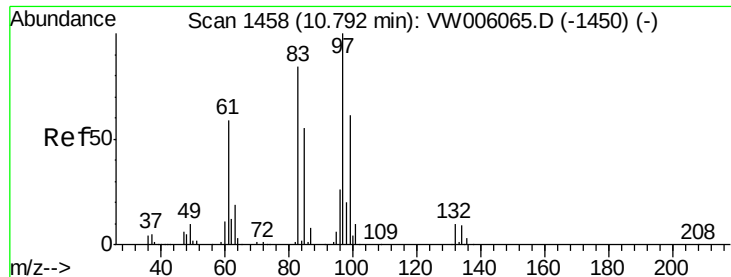
Ion Ratio Lower Upper

75 100

77 31.3 25.2 37.8

39 51.1 39.9 59.9





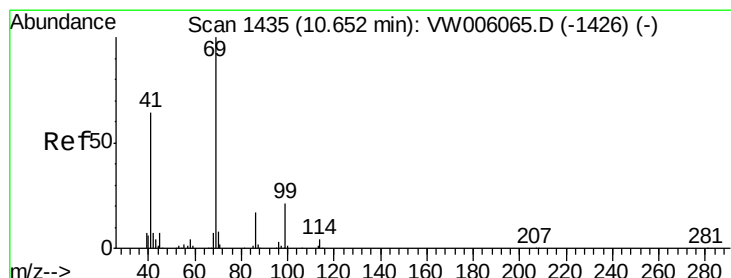
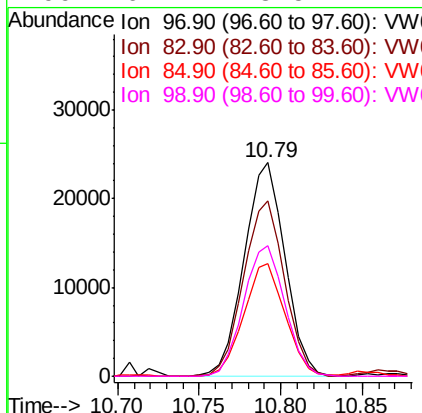
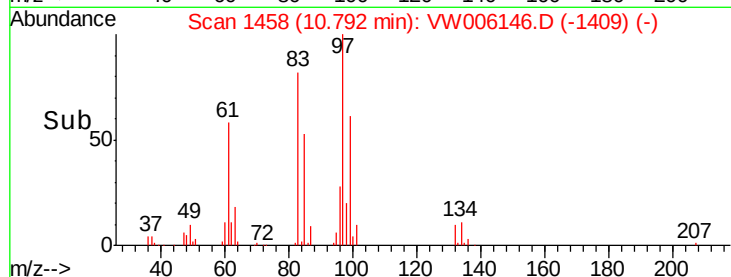
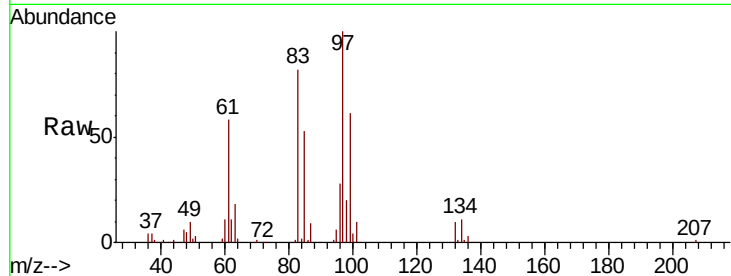
#55
 1,1,2-Trichloroethane
 Concen: 21.954 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW006146.D
 Acq: 18 Oct 2018 01:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1017SBS02

Tot Ion:	97	Resp:	41856
Ion	Ratio	Lower	Upper
97	100		
83	81.9	67.2	100.8
85	52.8	43.7	65.5
99	61.4	48.5	72.7

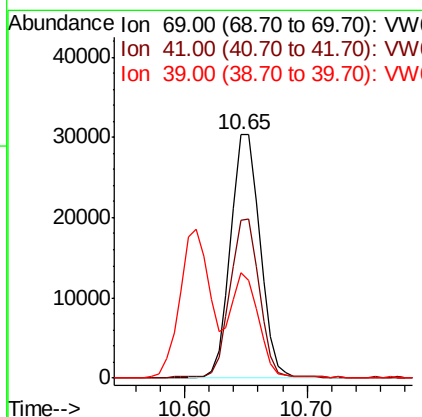
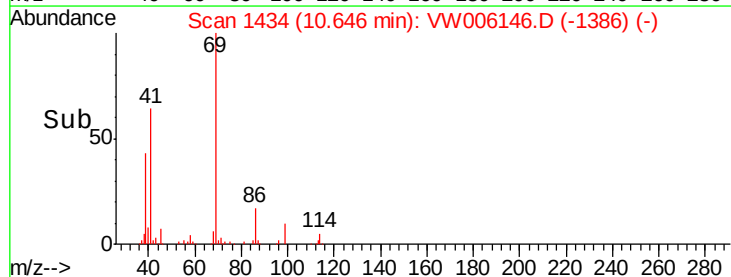
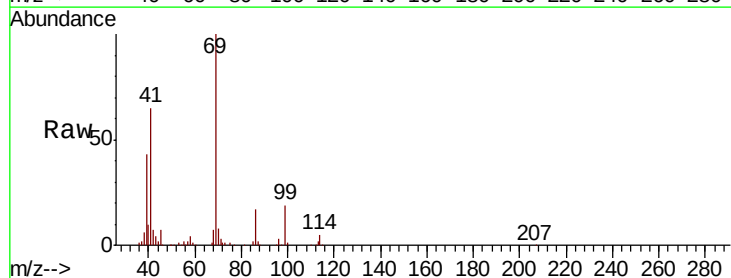
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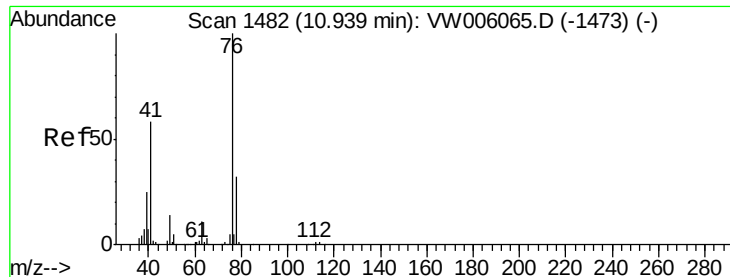
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#56
 Ethyl methacrylate
 Concen: 21.742 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: VW006146.D
 Acq: 18 Oct 2018 01:55

Tgt Ion:	69	Resp:	50815
Ion	Ratio	Lower	Upper
69	100		
41	66.2	52.8	79.2
39	41.2	30.6	45.8





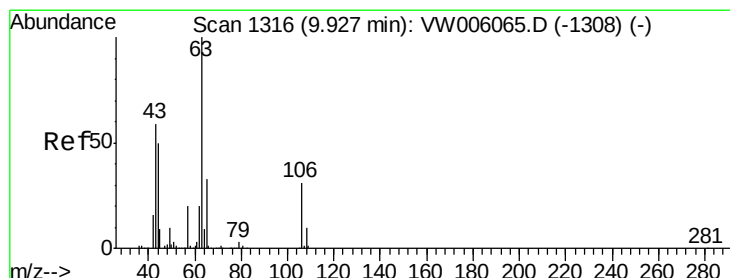
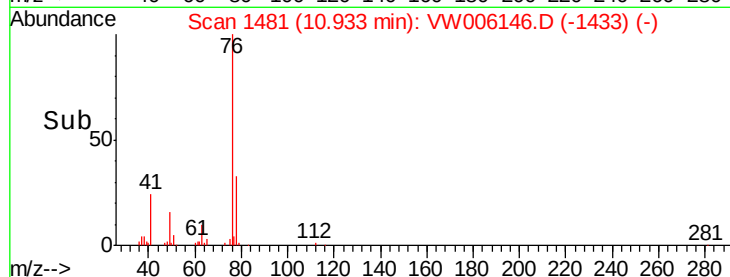
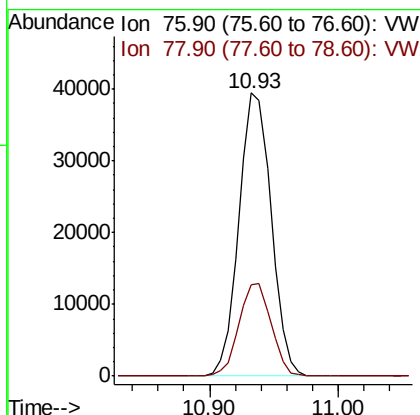
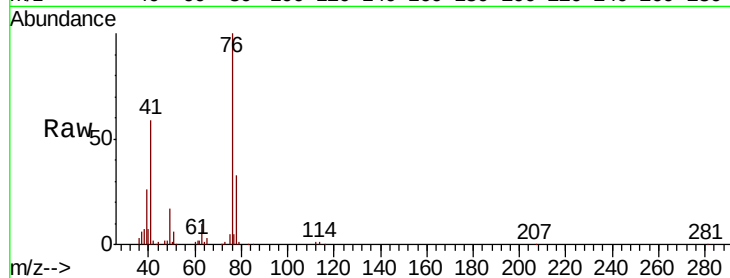
#57
 1,3-Dichloropropane
 Concen: 21.705 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.01 min
 Lab File: VW006146.D
 Acq: 18 Oct 2018 01:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1017SBS02

Tot Ion: 76 Resp: 68502
 Ion Ratio Lower Upper
 76 100
 78 32.7 25.9 38.9

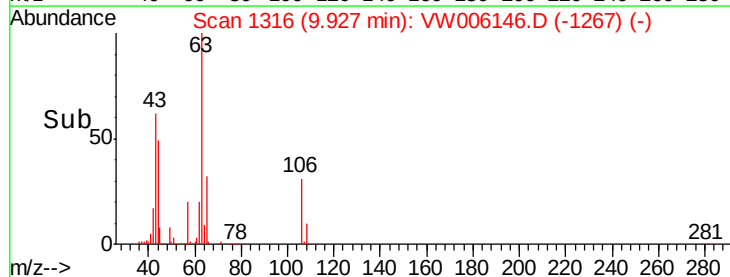
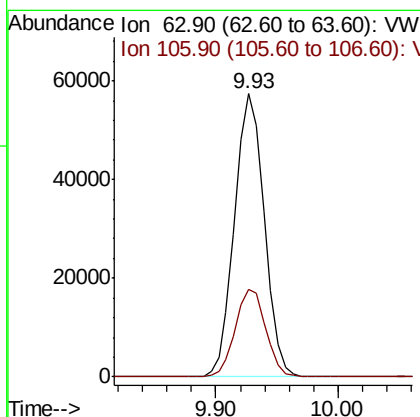
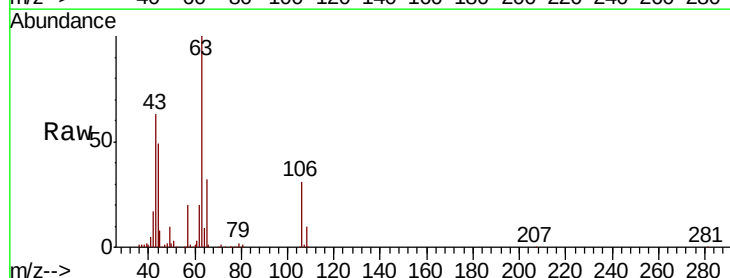
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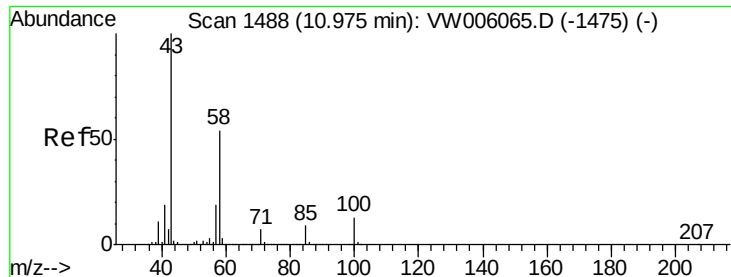
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#58
 2-Chloroethyl Vinyl ether
 Concen: 108.142 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW006146.D
 Acq: 18 Oct 2018 01:55

Tgt Ion: 63 Resp: 96578
 Ion Ratio Lower Upper
 63 100
 106 31.7 24.5 36.7





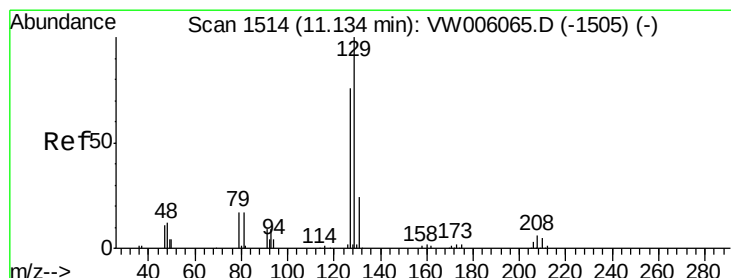
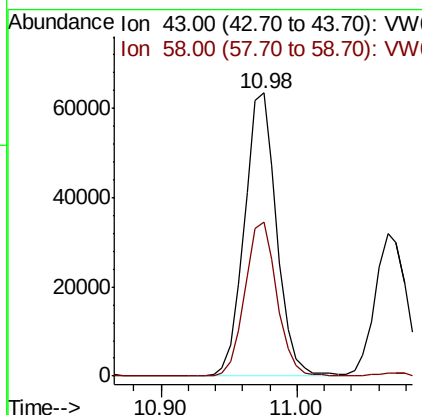
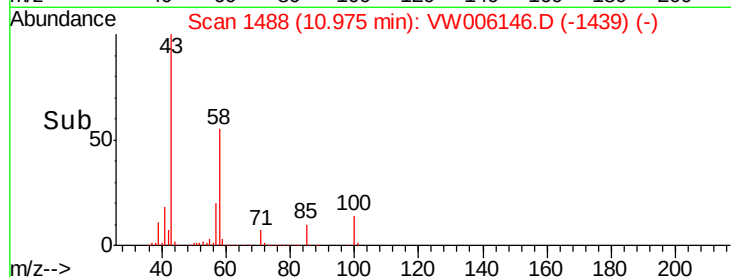
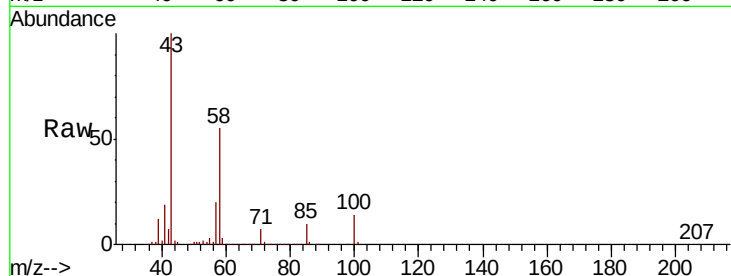
#59
2-Hexanone
Concen: 106.309 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW006146.D
Acq: 18 Oct 2018 01:55

Instrument :
MSVOA_W
ClientSampleId :
VW1017SBS02

Tot Ion: 43 Resp: 105184
Ion Ratio Lower Upper
43 100
58 54.0 26.9 80.6

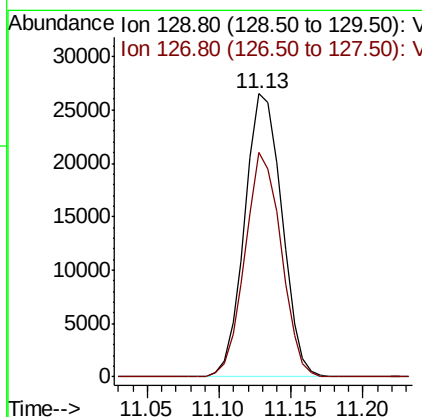
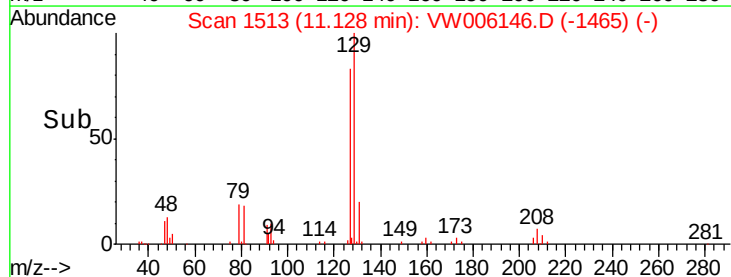
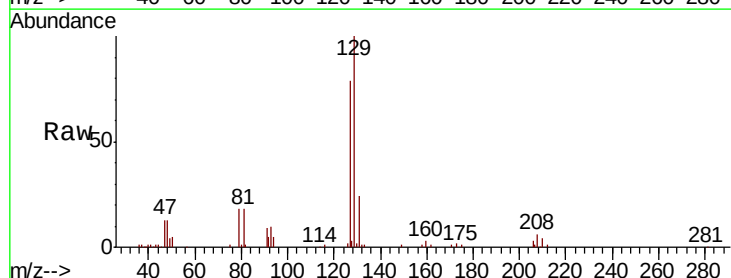
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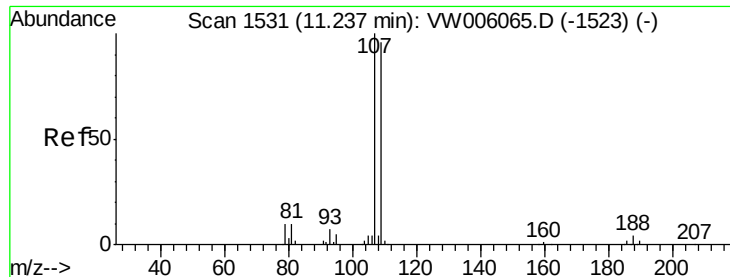
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#60
Dibromochloromethane
Concen: 20.037 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW006146.D
Acq: 18 Oct 2018 01:55

Tgt Ion: 129 Resp: 47581
Ion Ratio Lower Upper
129 100
127 76.9 38.6 115.7





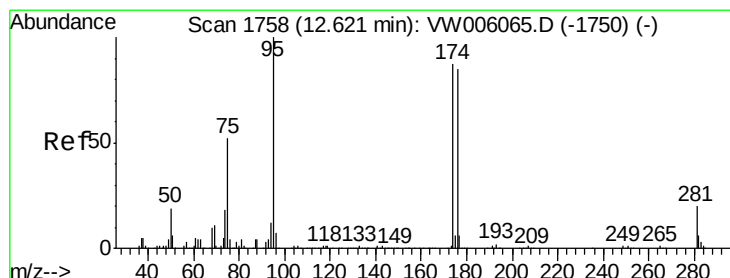
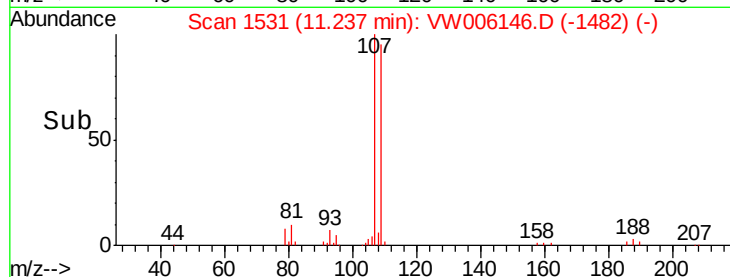
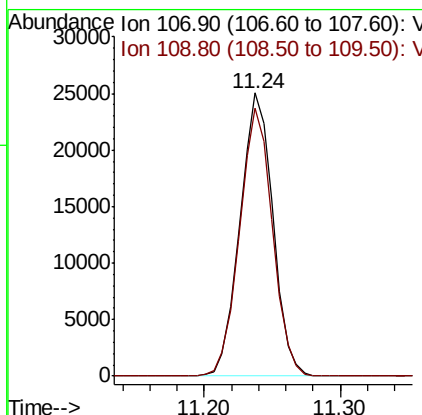
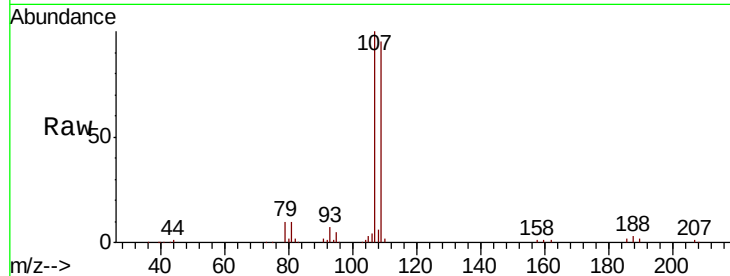
#61
 1,2-Dibromoethane
 Concen: 22.241 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW006146.D
 Acq: 18 Oct 2018 01:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1017SBS02

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.2	76.3	114.5

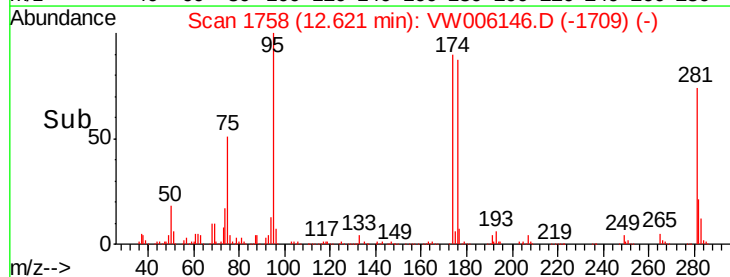
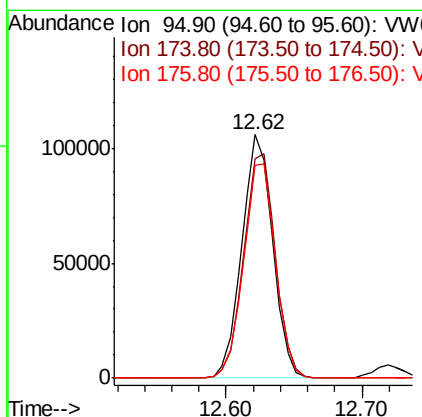
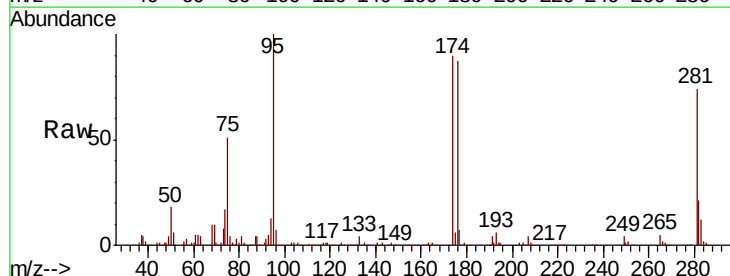
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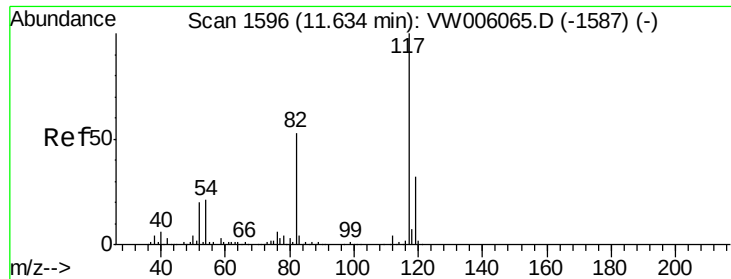
apatel
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#62
 4-Bromofluorobenzene
 Concen: 50.370 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW006146.D
 Acq: 18 Oct 2018 01:55

Tgt Ion	Ratio	Lower	Upper
95	100		
174	94.9	0.0	186.0
176	91.4	0.0	181.6





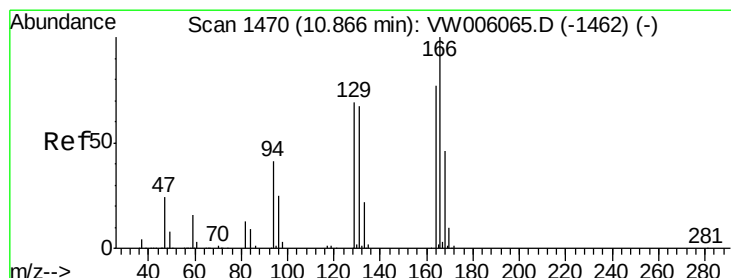
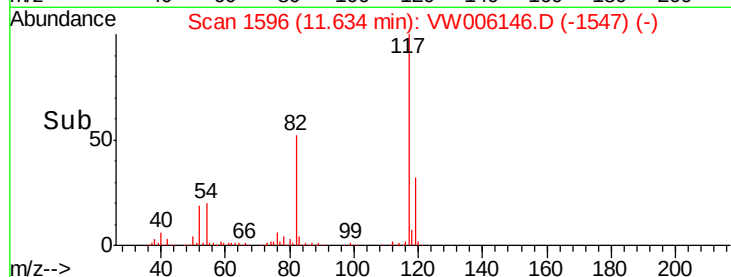
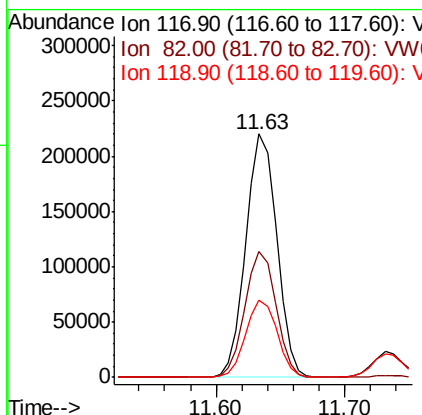
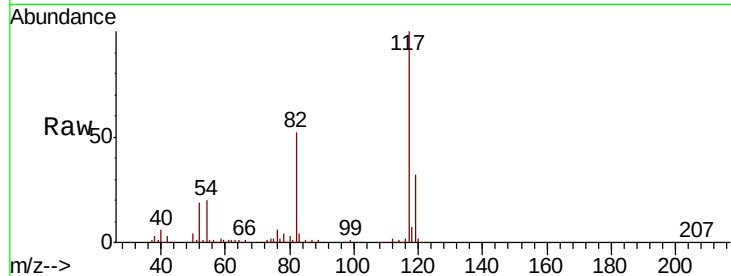
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006146.D
Acq: 18 Oct 2018 01:55

Instrument :
MSVOA_W
ClientSampleId :
VW1017SBS02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	366112		
82	51.6	42.1	63.1	
119	31.9	25.8	38.6	

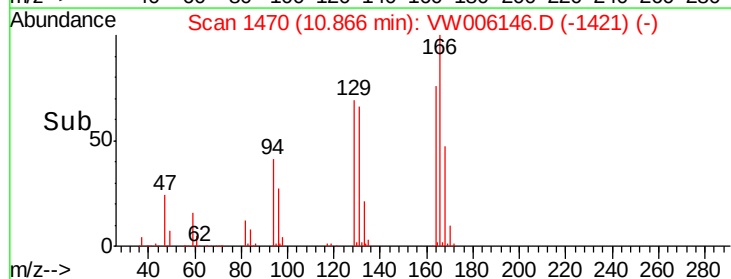
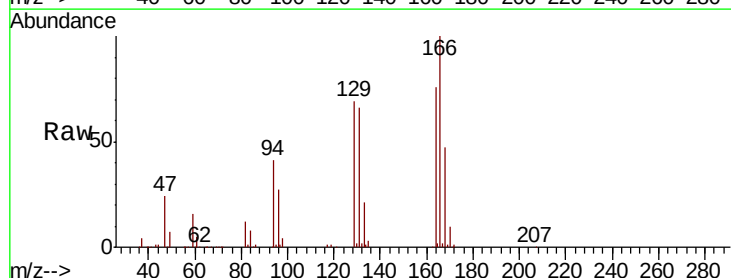
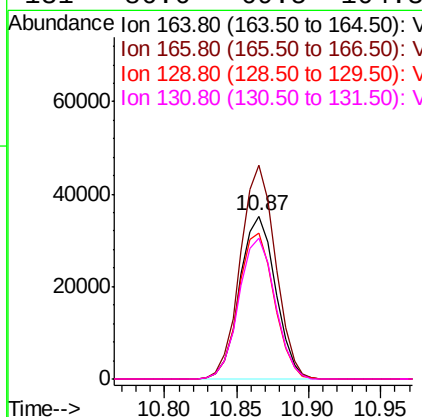
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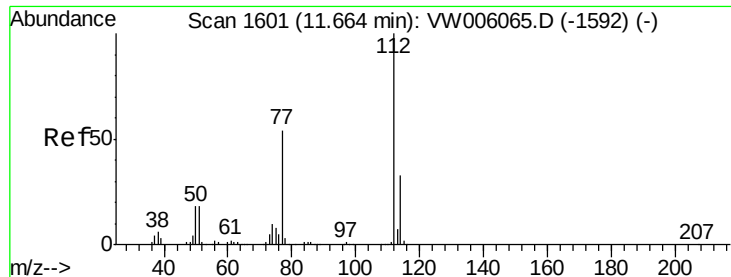
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#64
Tetrachloroethene
Concen: 21.372 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW006146.D
Acq: 18 Oct 2018 01:55

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	60743		
166	131.2	103.4	155.0	
129	89.9	71.8	107.8	
131	86.6	69.5	104.3	





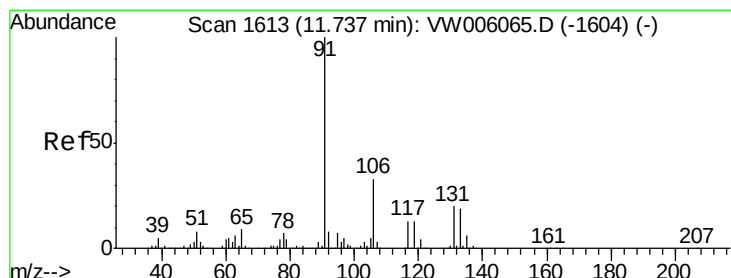
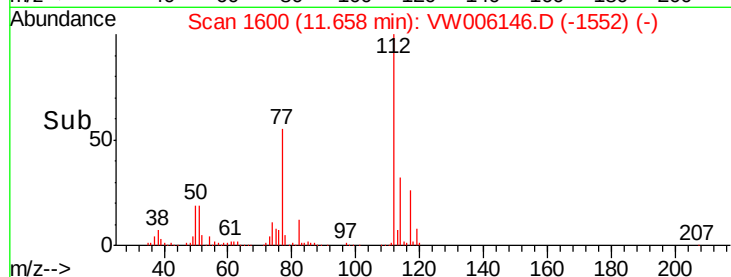
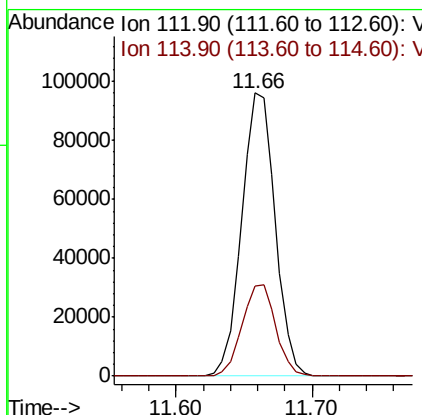
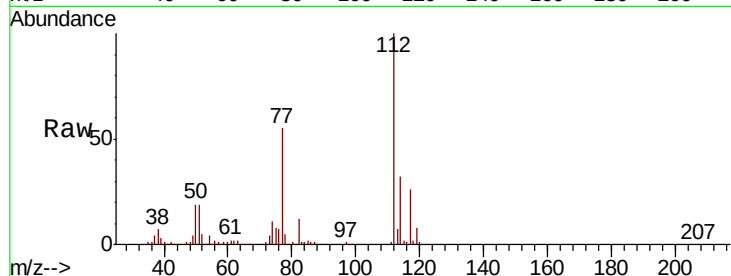
#65
Chlorobenzene
Concen: 21.048 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VW006146.D
Acq: 18 Oct 2018 01:55

Instrument :
MSVOA_W
ClientSampleId :
VW1017SBS02

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.7	26.2	39.2

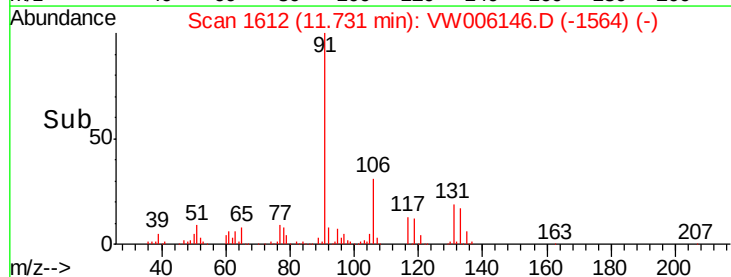
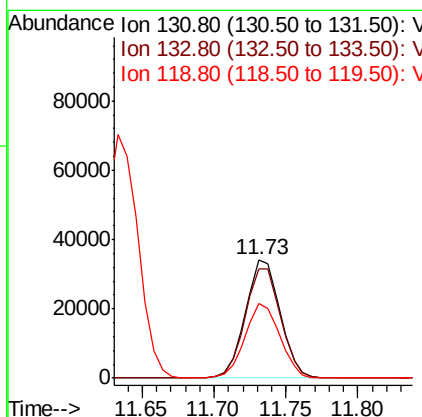
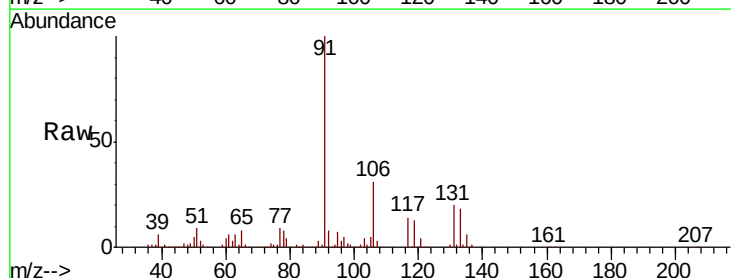
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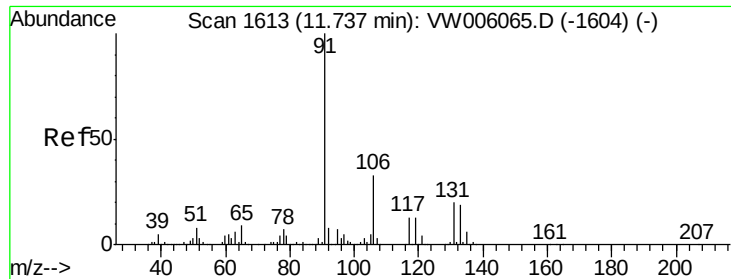
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.410 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.01 min
Lab File: VW006146.D
Acq: 18 Oct 2018 01:55

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.8	48.1	144.3
119	63.4	31.6	94.7





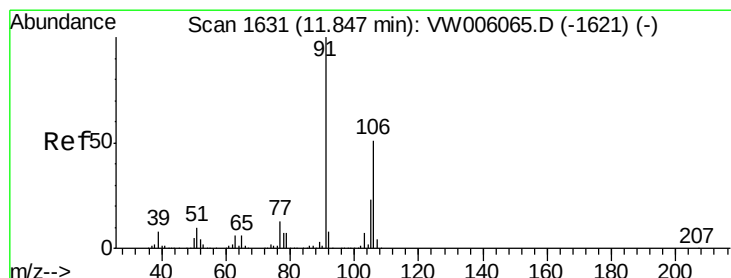
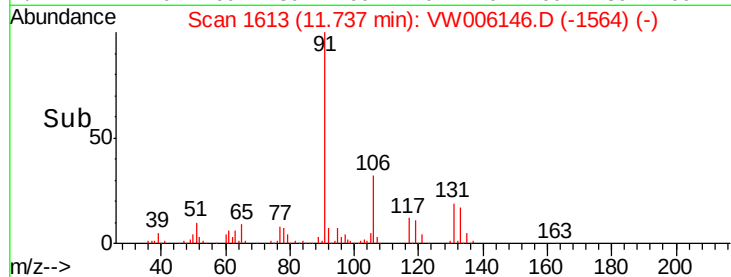
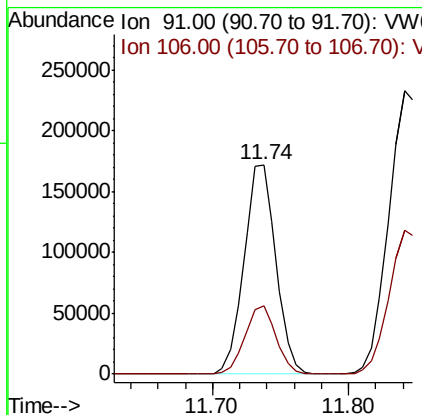
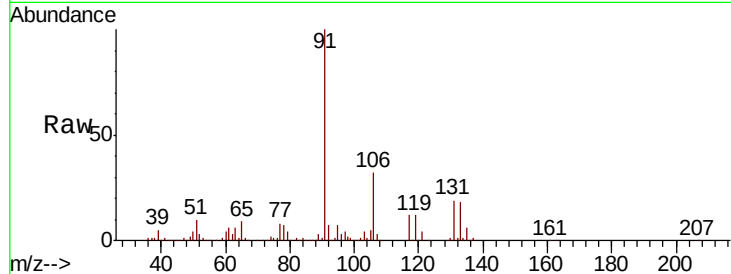
#67
Ethyl Benzene
Concen: 20.746 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW006146.D
Acq: 18 Oct 2018 01:55

Instrument :
MSVOA_W
ClientSampleId :
VW1017SBS02

Tot Ion: 91 Resp: 281775
Ion Ratio Lower Upper
91 100
106 32.4 26.1 39.1

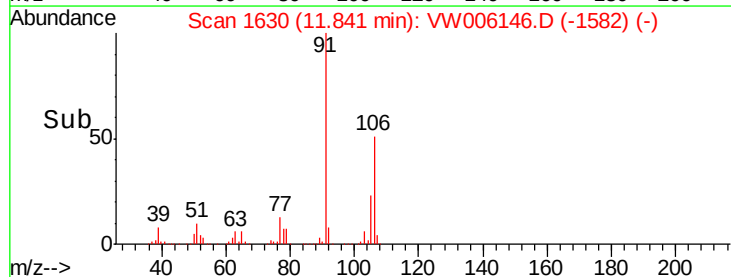
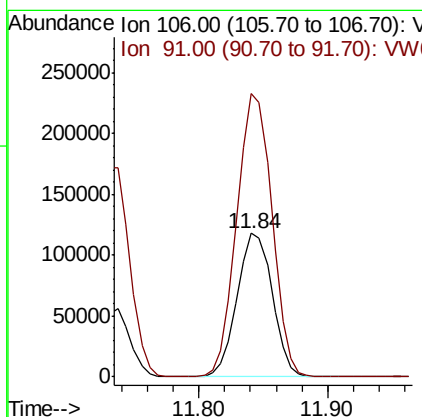
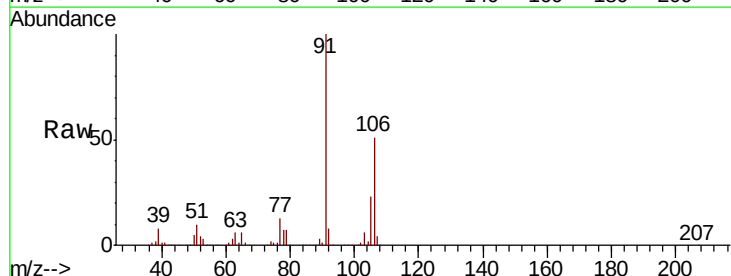
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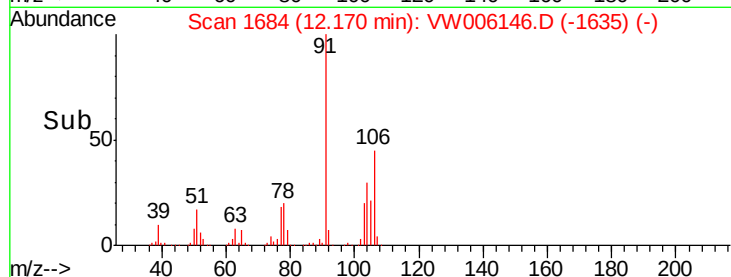
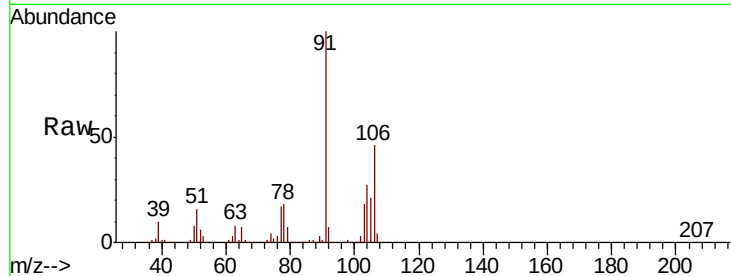
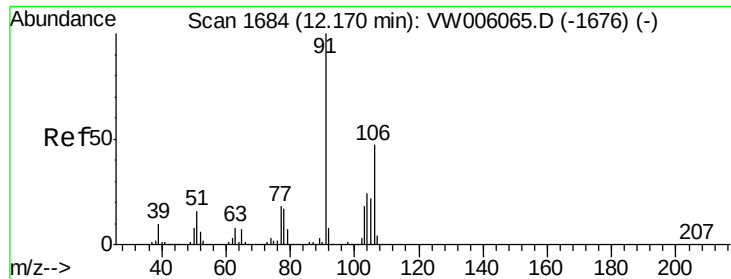
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#68
m/p-Xylenes
Concen: 41.689 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW006146.D
Acq: 18 Oct 2018 01:55

Tgt Ion: 106 Resp: 223806
Ion Ratio Lower Upper
106 100
91 197.7 159.1 238.7





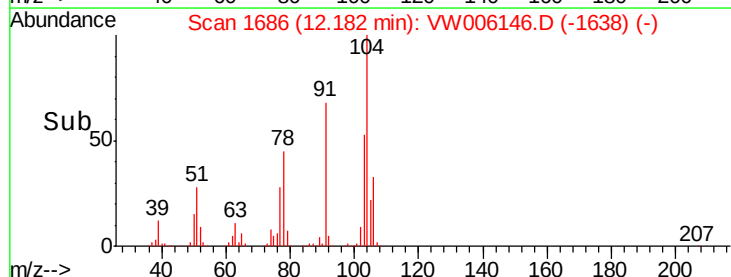
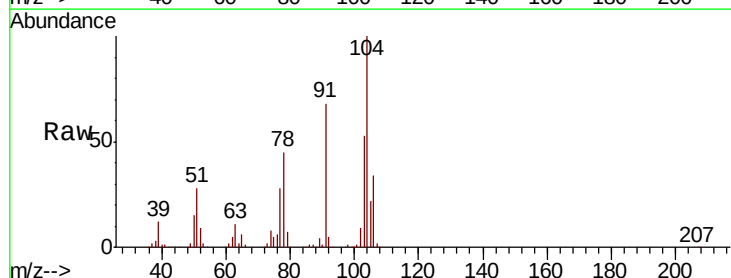
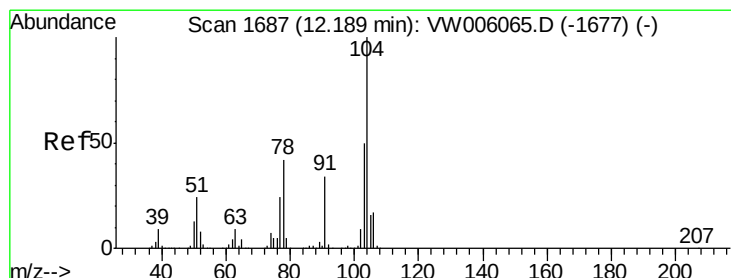
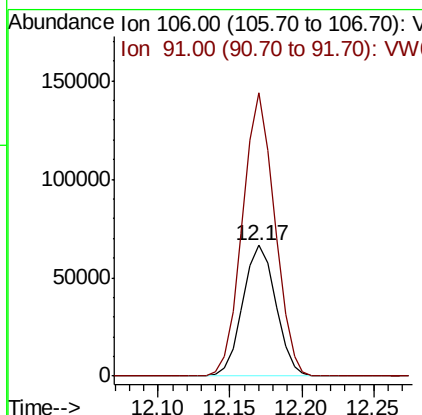
#69
o-Xylene
Concen: 20.735 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW006146.D
Acq: 18 Oct 2018 01:55

Tot Ion	Ratio	Resp	Lower	Upper
106	100	106086		
91	210.8	105.4	316.1	

Instrument :
MSVOA_W
ClientSampleId :
VW1017SBS02

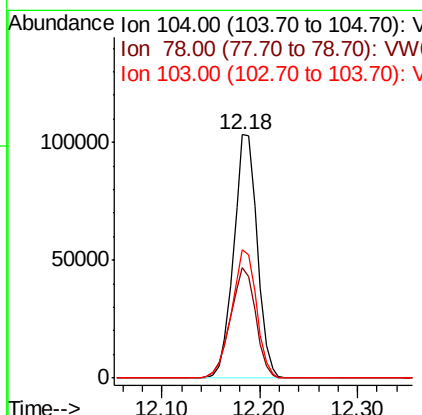
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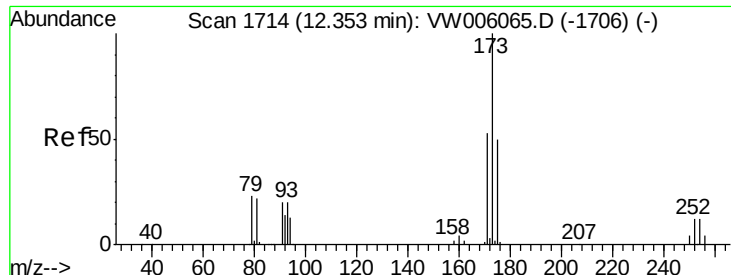
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#70
Styrene
Concen: 20.701 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.01 min
Lab File: VW006146.D
Acq: 18 Oct 2018 01:55

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	172228		
78	48.8	39.1	58.7	
103	55.8	44.3	66.5	





#71

Bromoform

Concen: 19.183 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW006146.D

Acq: 18 Oct 2018 01:55

Instrument :

MSVOA_W

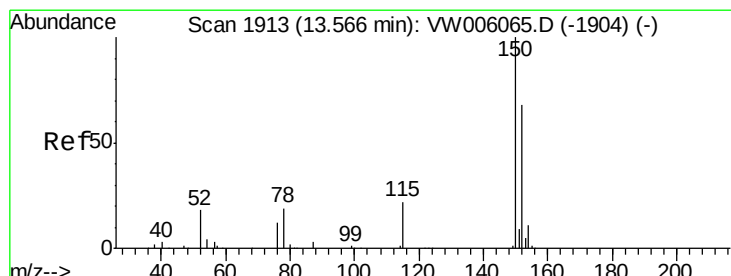
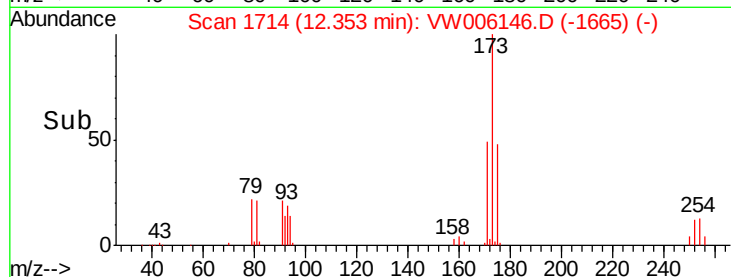
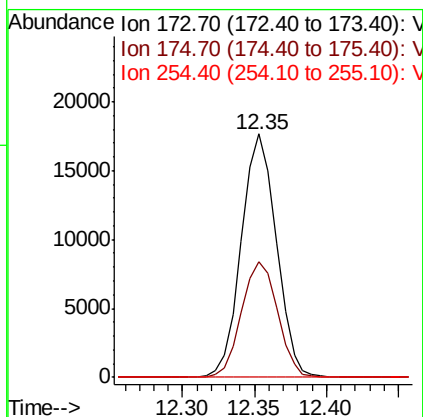
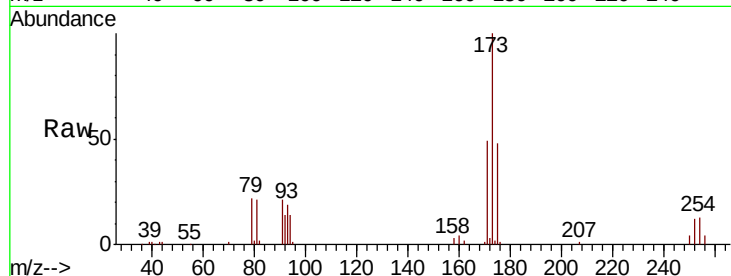
ClientSampleId :

VW1017SBS02

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.5	24.2	72.6
254	0.0	0.1	0.1#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

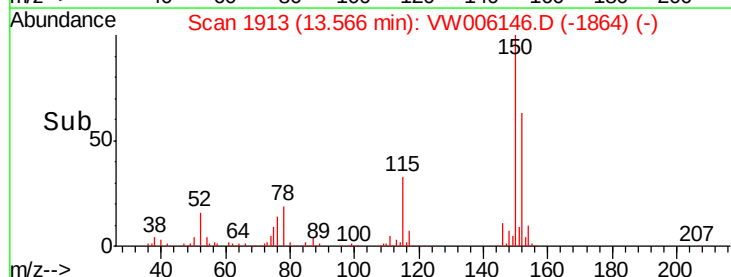
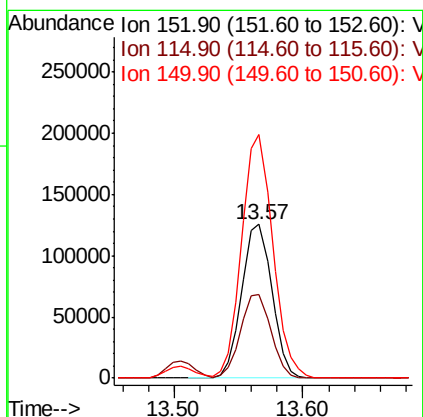
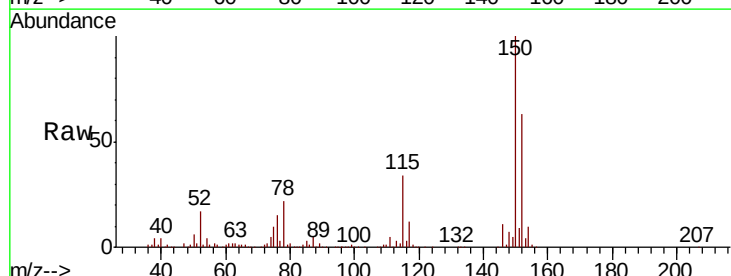
RT: 13.57 min Scan# 1913

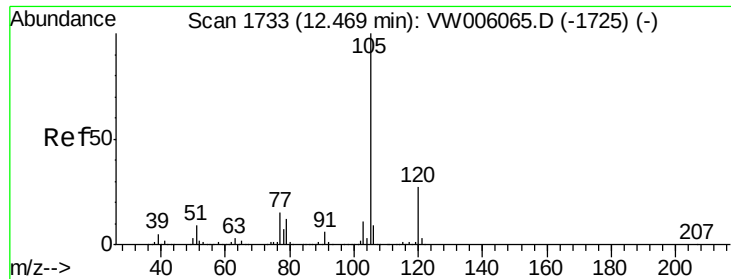
Delta R.T. -0.00 min

Lab File: VW006146.D

Acq: 18 Oct 2018 01:55

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





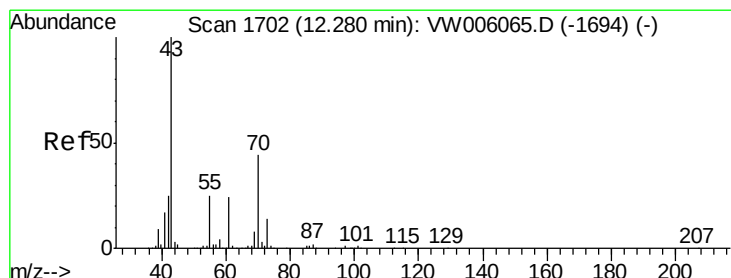
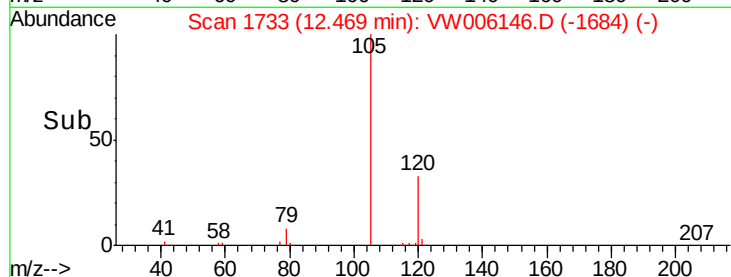
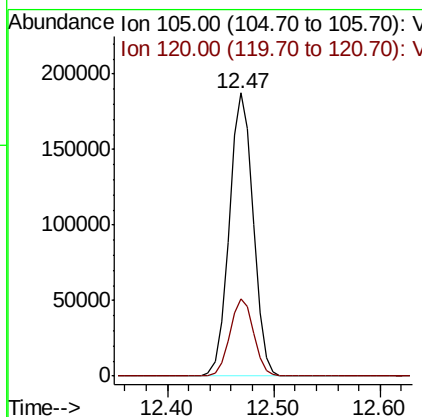
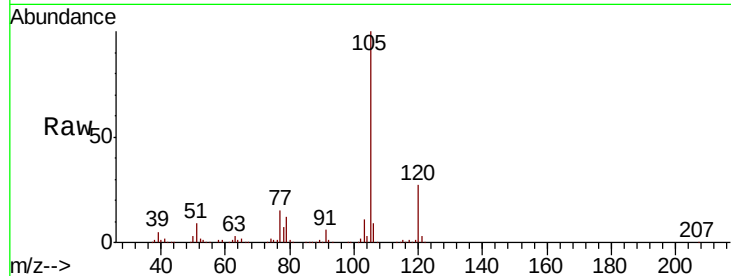
#73
Isopropylbenzene
Concen: 20.508 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VW006146.D
Acq: 18 Oct 2018 01:55

Instrument :
MSVOA_W
ClientSampleId :
VW1017SBS02

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.3	13.6	40.7

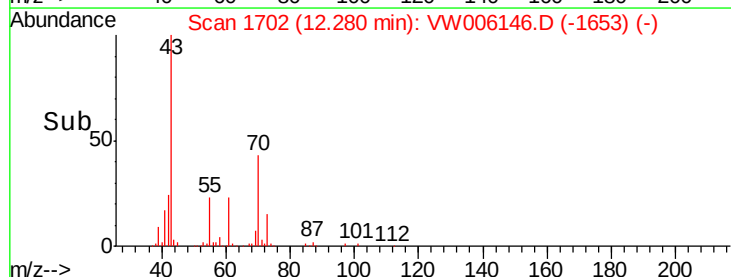
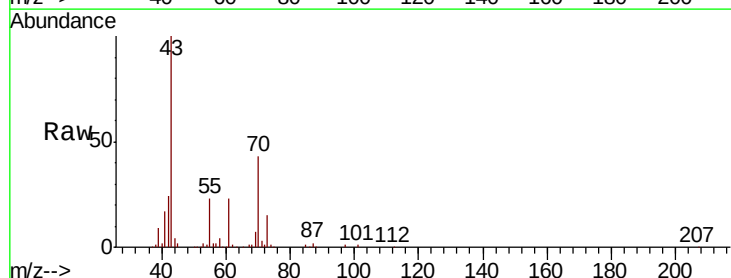
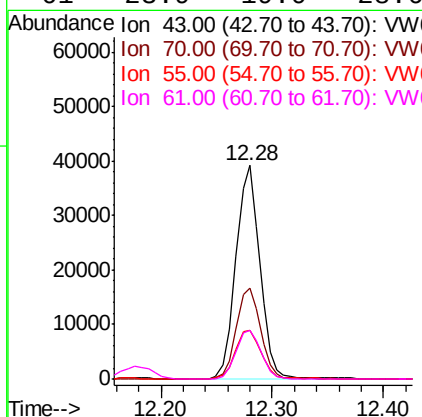
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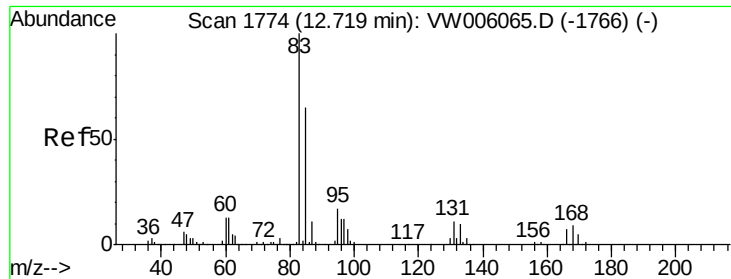
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#74
N-ethyl acetate
Concen: 21.044 ug/l
RT: 12.28 min Scan# 1702
Delta R.T. -0.00 min
Lab File: VW006146.D
Acq: 18 Oct 2018 01:55

Tgt Ion	Ratio	Lower	Upper
43	100		
70	43.3	34.2	51.4
55	24.6	19.2	28.8
61	23.9	19.0	28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 22.031 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW006146.D

Acq: 18 Oct 2018 01:55

Instrument :

MSVOA_W

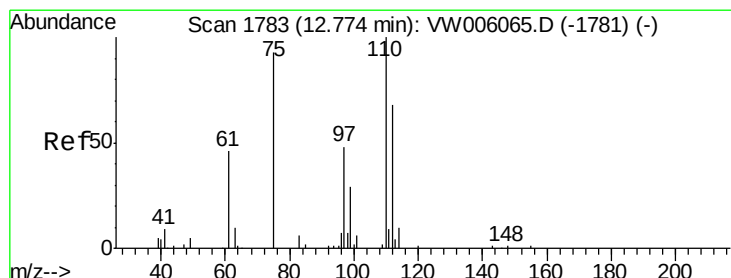
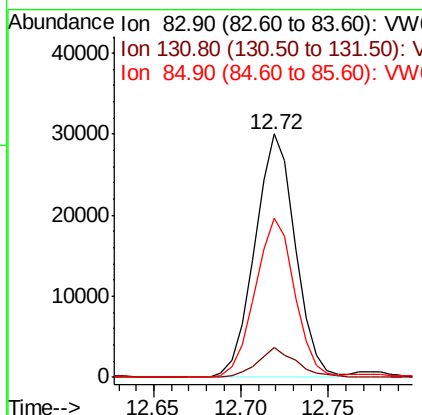
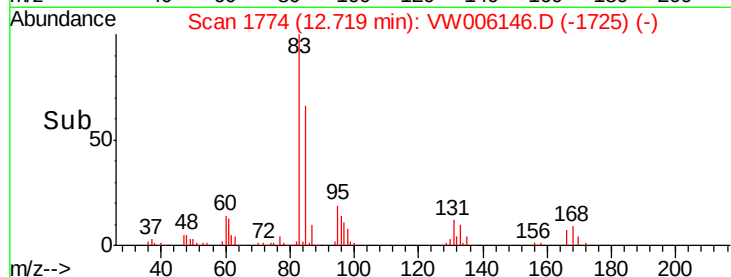
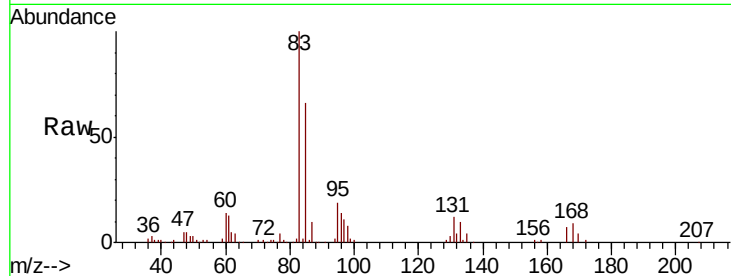
ClientSampleId :

VW1017SBS02

Tot Ion:	83	Resp:	48193
Ion Ratio	Lower	Upper	
83	100		
131	11.7	5.9	17.7
85	64.2	31.9	95.9

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#76

1,2,3-Trichloropropane

Concen: 20.143 ug/l m

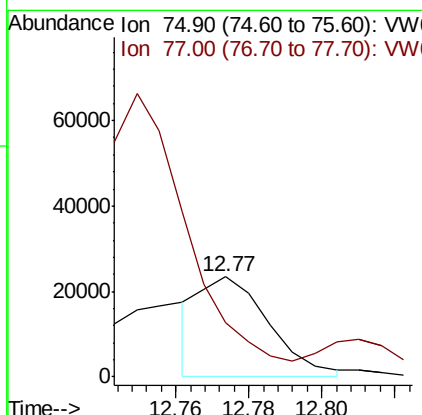
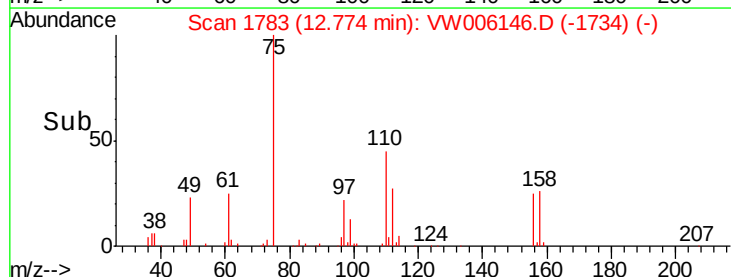
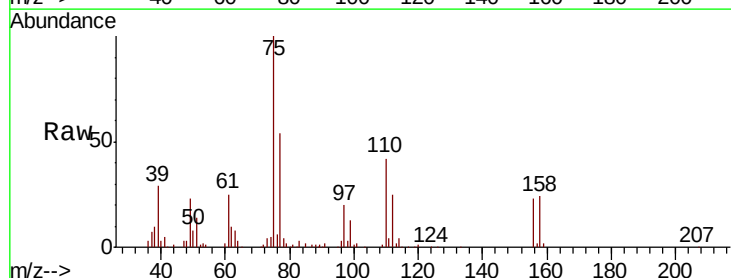
RT: 12.77 min Scan# 1783

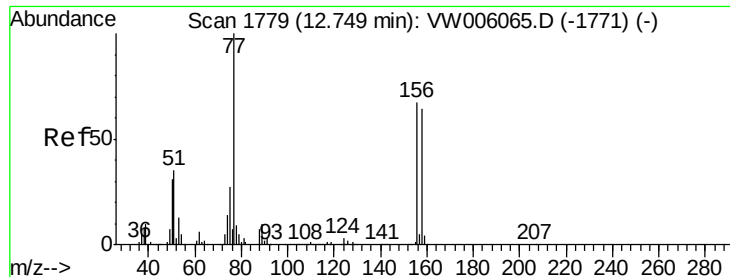
Delta R.T. -0.00 min

Lab File: VW006146.D

Acq: 18 Oct 2018 01:55

Tgt Ion:	75	Resp:	31321
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.327 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW006146.D

Acq: 18 Oct 2018 01:55

Instrument :

MSVOA_W

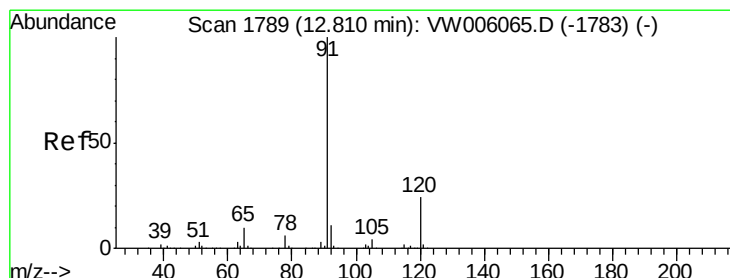
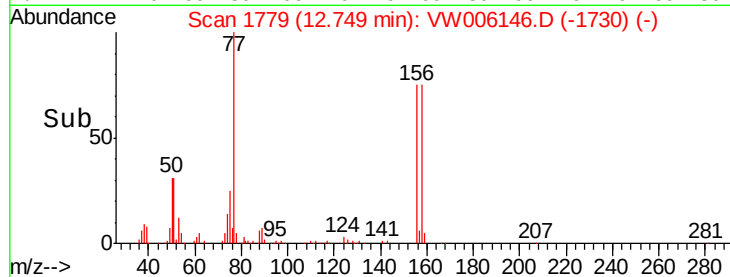
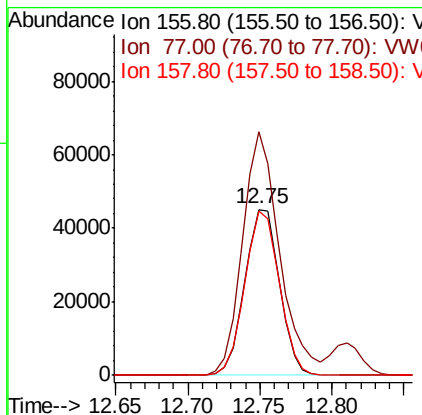
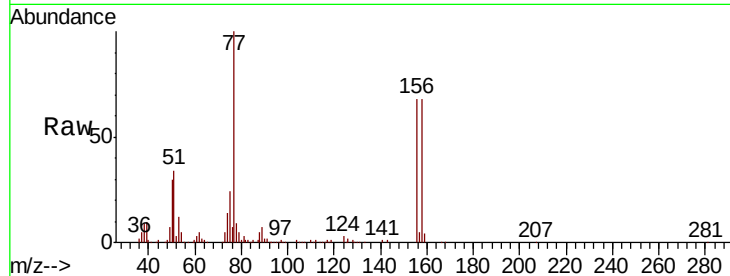
ClientSampleId :

VW1017SBS02

Tot Ion:	156	Resp:	75130
Ion	Ratio	Lower	Upper
156	100		
77	157.6	79.1	237.4
158	98.6	48.5	145.6

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#78

n-propylbenzene

Concen: 20.454 ug/l

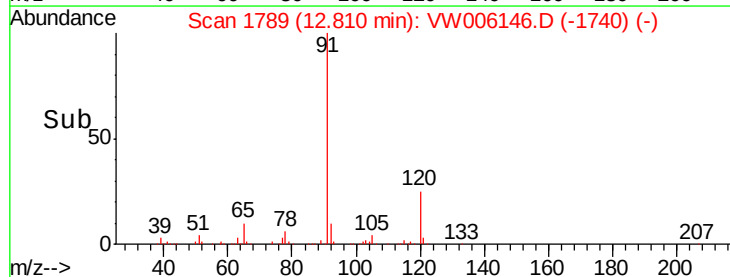
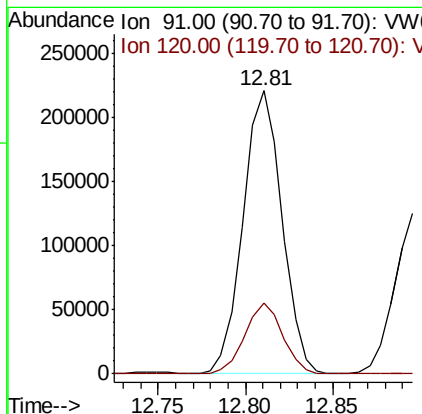
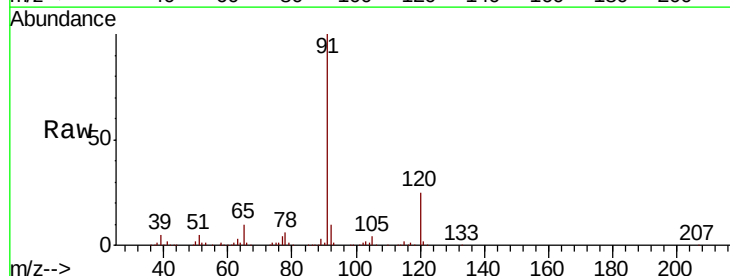
RT: 12.81 min Scan# 1789

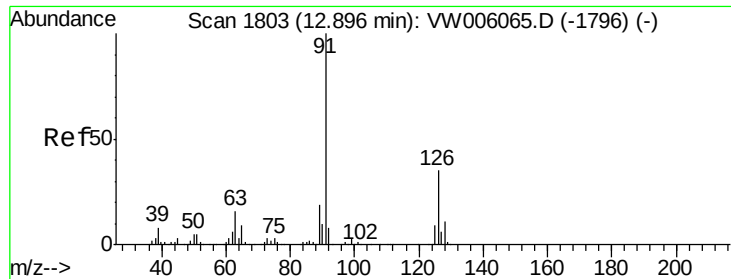
Delta R.T. -0.00 min

Lab File: VW006146.D

Acq: 18 Oct 2018 01:55

Tgt Ion:	91	Resp:	342244
Ion	Ratio	Lower	Upper
91	100		
120	24.3	12.2	36.6





#79

2-Chlorotoluene

Concen: 20.976 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW006146.D

Acq: 18 Oct 2018 01:55

Instrument :

MSVOA_W

ClientSampleId :

VW1017SBS02

Tot Ion: 91 Resp: 197206

Ion Ratio Lower Upper

91 100

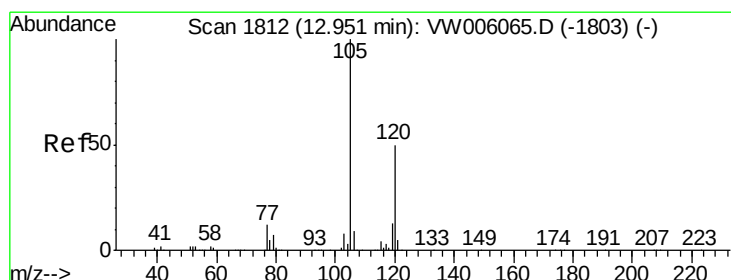
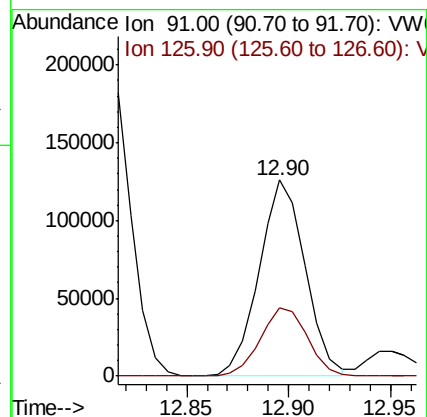
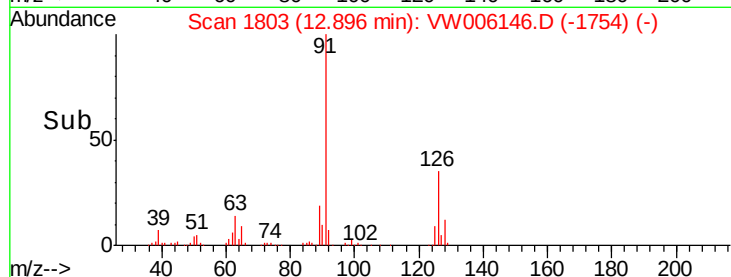
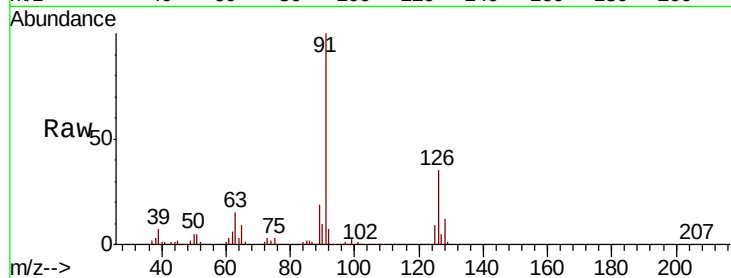
126 35.8 17.9 53.8

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#80

1,3,5-Trimethylbenzene

Concen: 20.480 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW006146.D

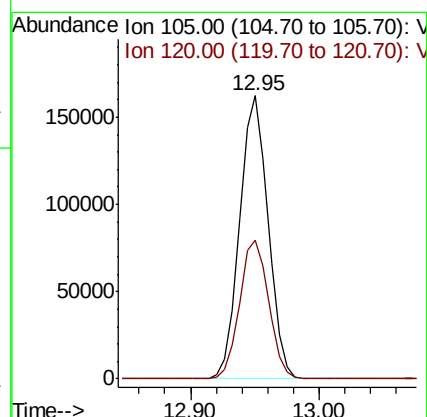
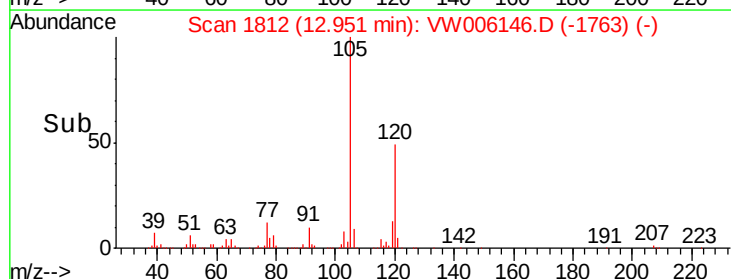
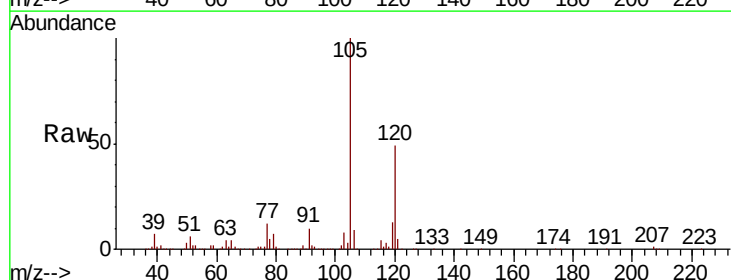
Acq: 18 Oct 2018 01:55

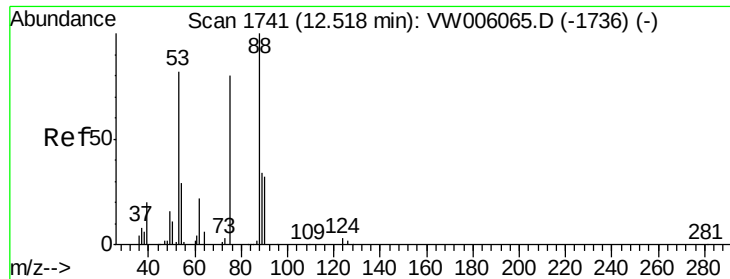
Tgt Ion:105 Resp: 248315

Ion Ratio Lower Upper

105 100

120 50.1 24.9 74.6





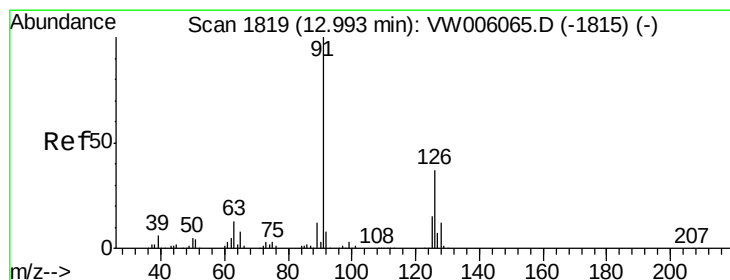
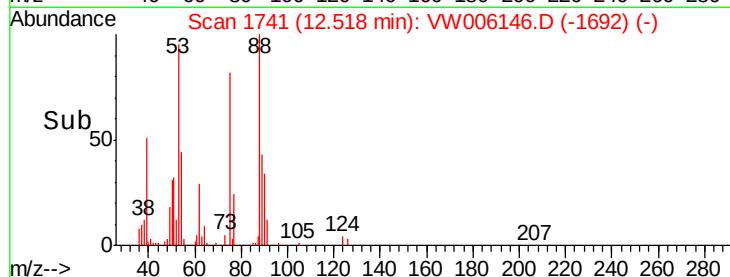
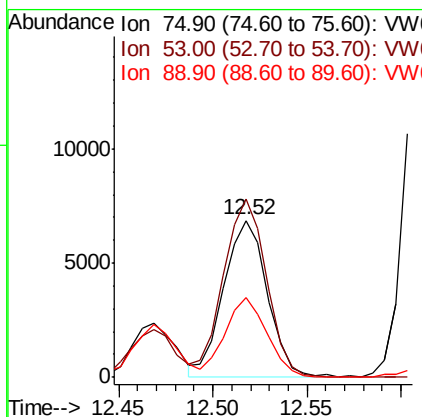
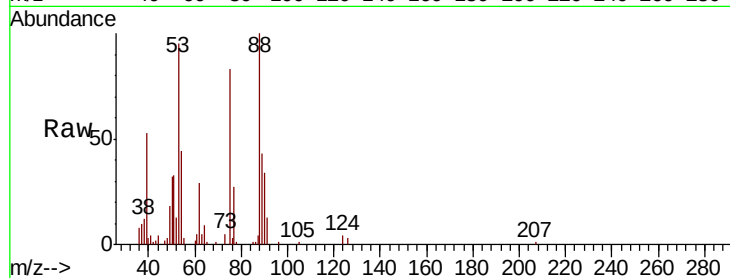
#81
trans-1,4-Dichloro-2-butene
Concen: 17.058 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW006146.D
Acq: 18 Oct 2018 01:55

Instrument :
MSVOA_W
ClientSampleId :
VW1017SBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	112.2	79.8	119.6
89	48.4	37.5	56.3

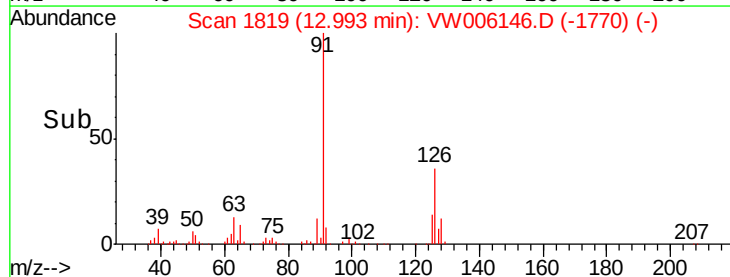
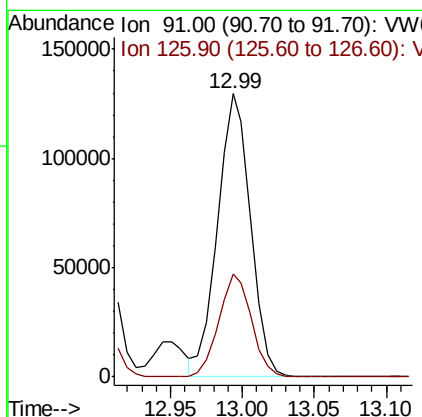
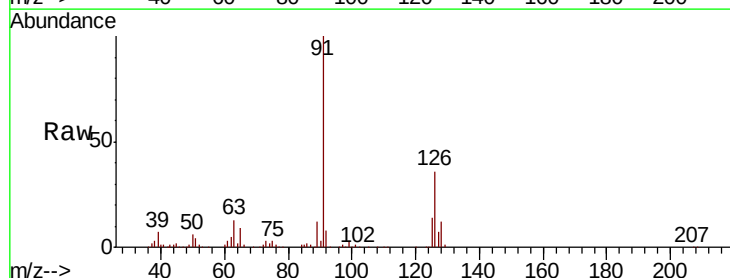
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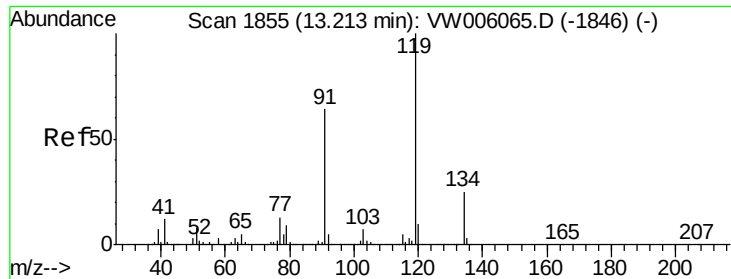
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#82
4-Chlorotoluene
Concen: 21.006 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW006146.D
Acq: 18 Oct 2018 01:55

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.2	18.1	54.3





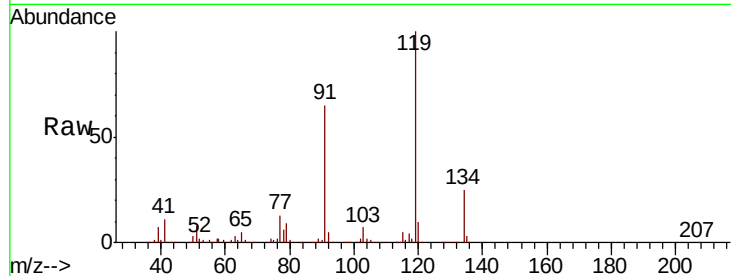
#83
 tert-Butylbenzene
 Concen: 20.451 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW006146.D
 Acq: 18 Oct 2018 01:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1017SBS02

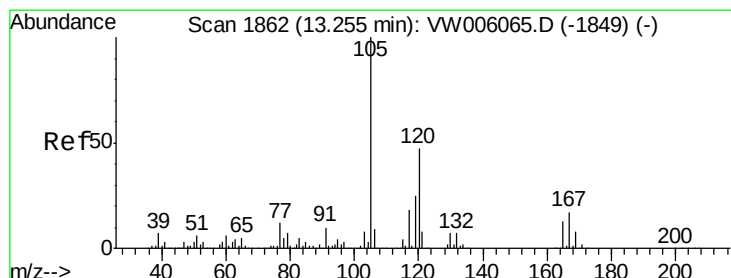
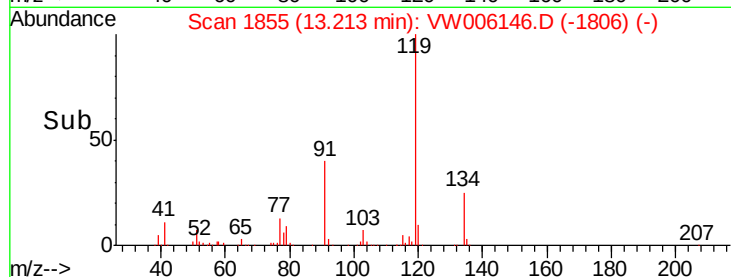
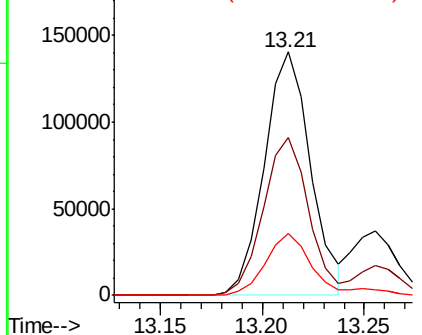
Tot Ion	Ratio	Resp	Lower	Upper
119	100	221852		
91	63.6	32.3	96.9	
134	24.8	13.6	40.8	

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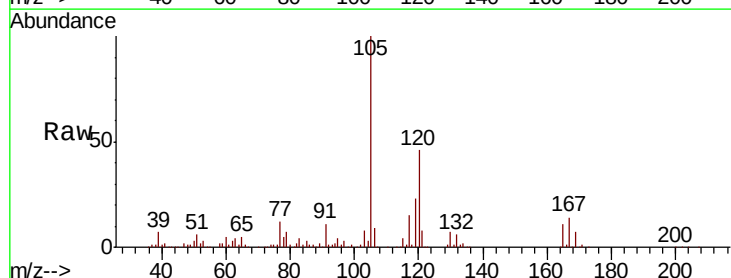


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

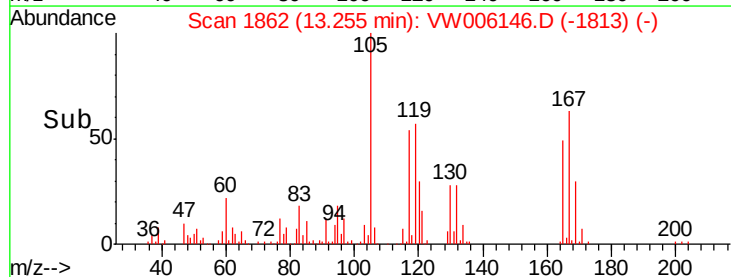
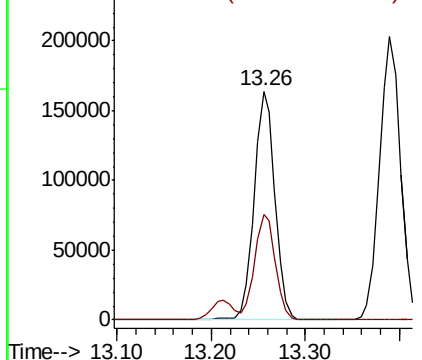


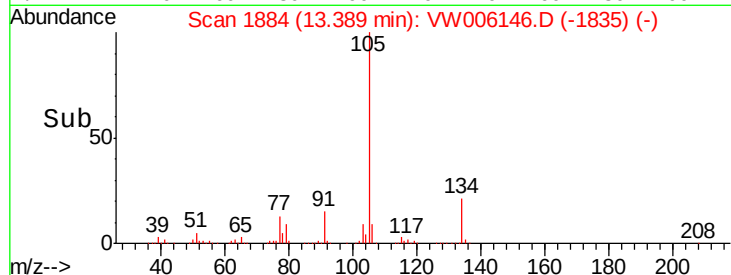
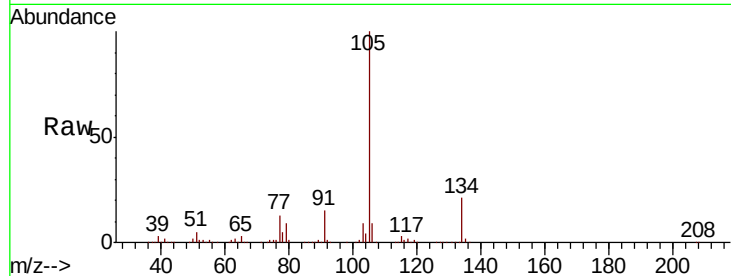
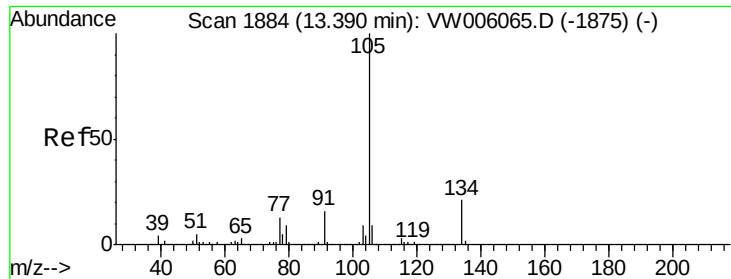
#84
 1,2,4-Trimethylbenzene
 Concen: 20.842 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW006146.D
 Acq: 18 Oct 2018 01:55

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	255709		
120	45.7	23.1	69.3	



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





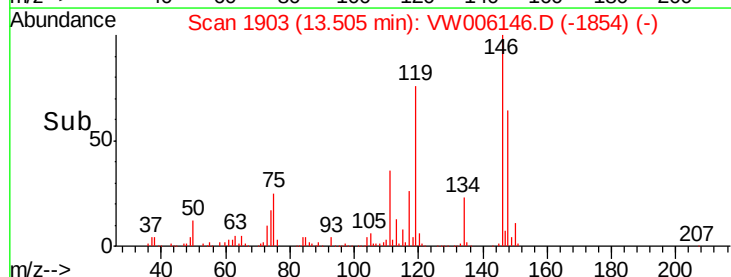
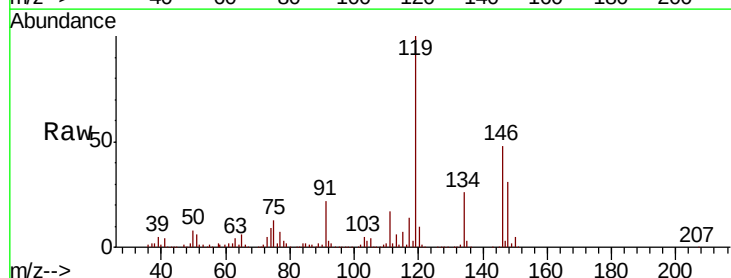
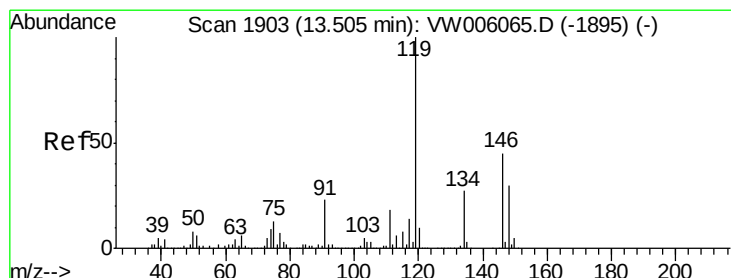
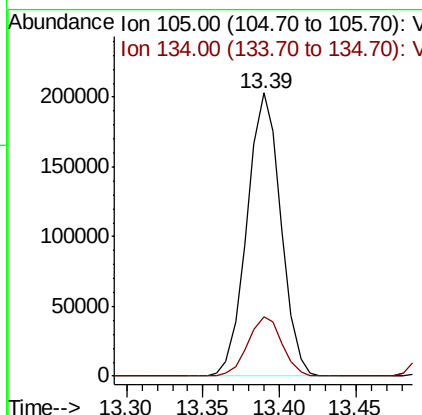
#85
 sec-Butylbenzene
 Concen: 20.367 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW006146.D
 Acq: 18 Oct 2018 01:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1017SBS02

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.1	10.5	31.6

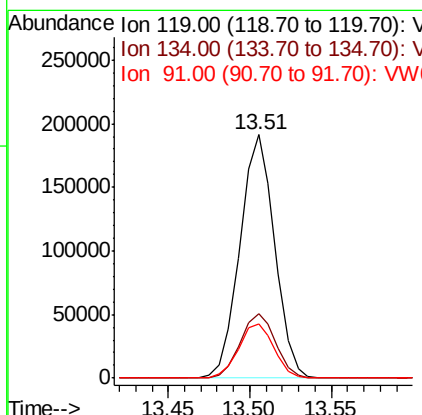
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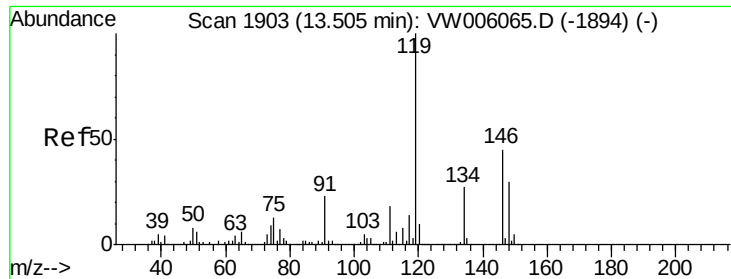
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#86
 p-Isopropyltoluene
 Concen: 20.434 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006146.D
 Acq: 18 Oct 2018 01:55

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.8	13.4	40.2
91	22.8	11.4	34.1





#87

1,3-Dichlorobenzene

Concen: 20.933 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW006146.D

Acq: 18 Oct 2018 01:55

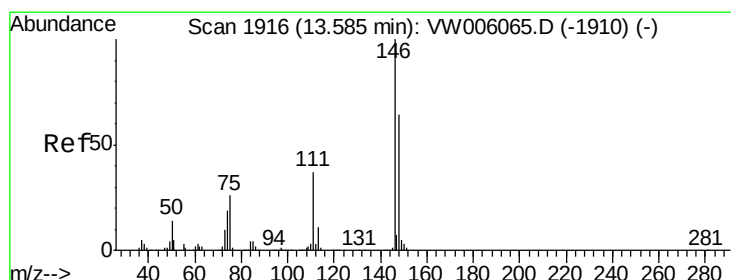
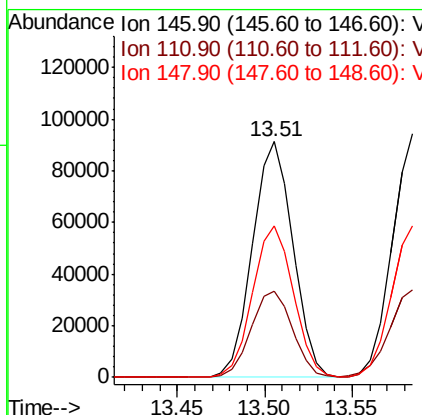
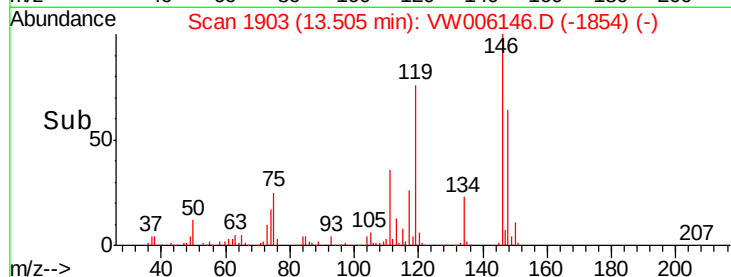
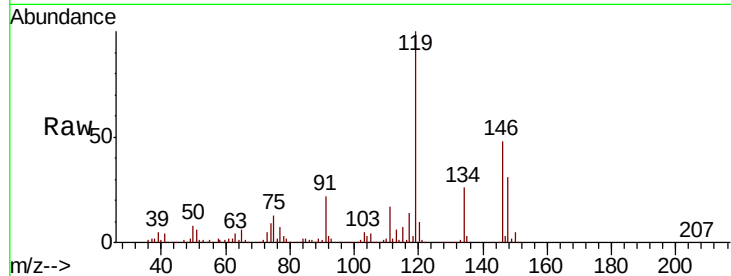
Instrument :
MSVOA_W

ClientSampleId :
VW1017SBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	19.1	57.5
148	64.6	32.0	96.2

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#88

1,4-Dichlorobenzene

Concen: 21.022 ug/l

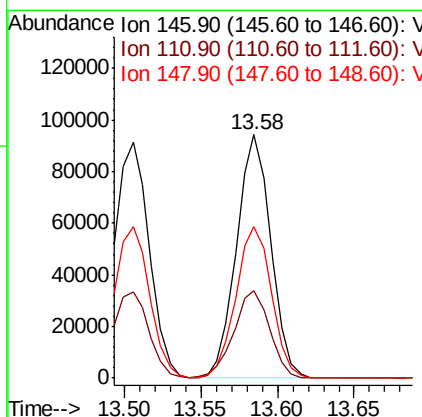
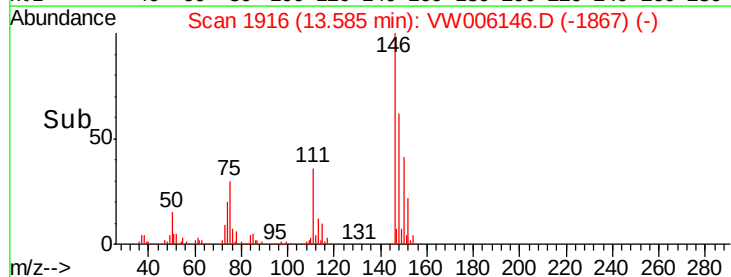
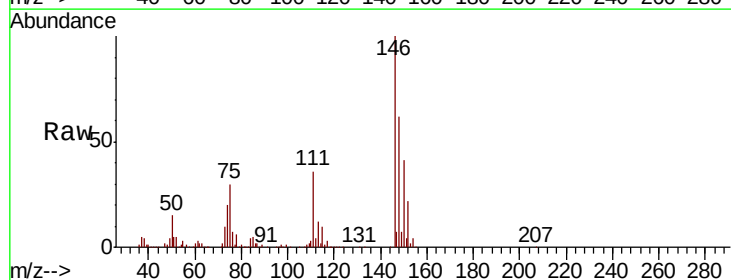
RT: 13.58 min Scan# 1916

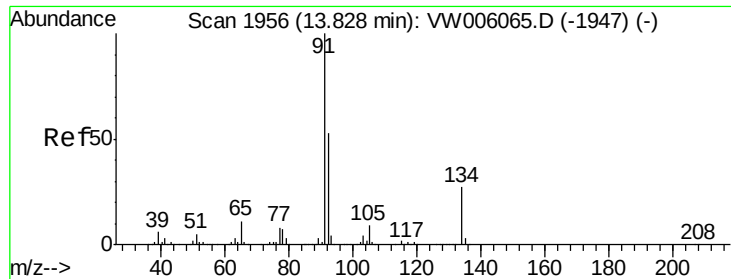
Delta R.T. -0.00 min

Lab File: VW006146.D

Acq: 18 Oct 2018 01:55

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.6	56.0
148	64.5	32.1	96.5





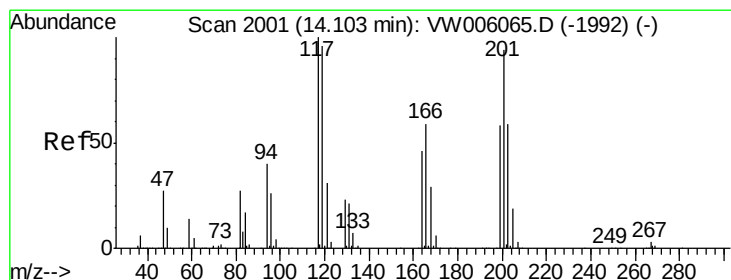
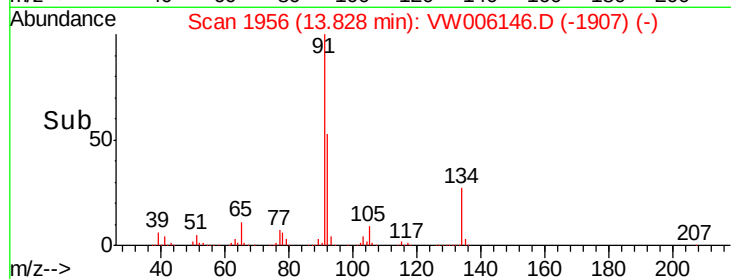
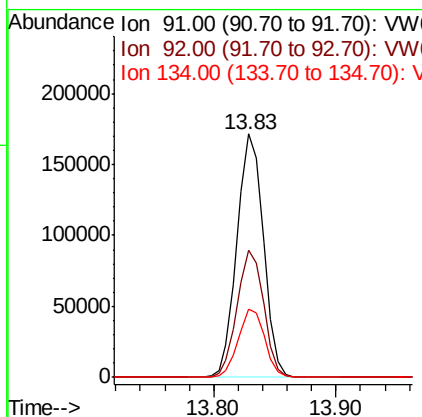
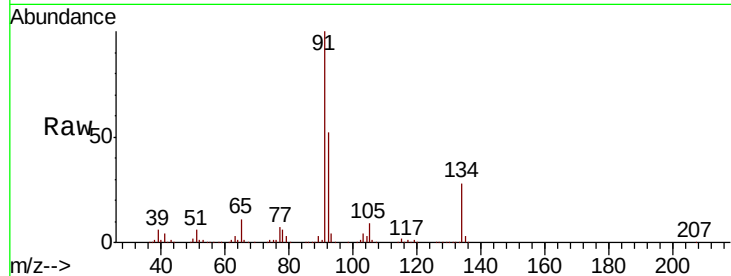
#89
n-Butylbenzene
Concen: 20.250 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW006146.D
Acq: 18 Oct 2018 01:55

Instrument :
MSVOA_W
ClientSampleId :
VW1017SBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.6	79.7
134	28.2	14.0	41.9

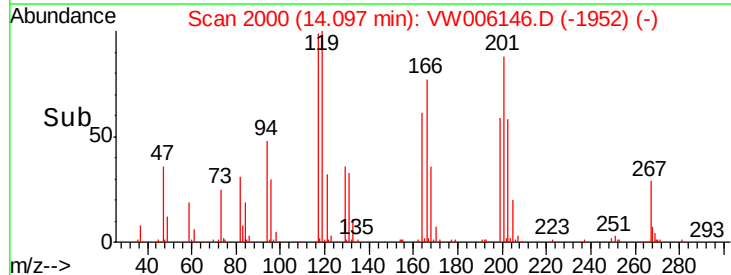
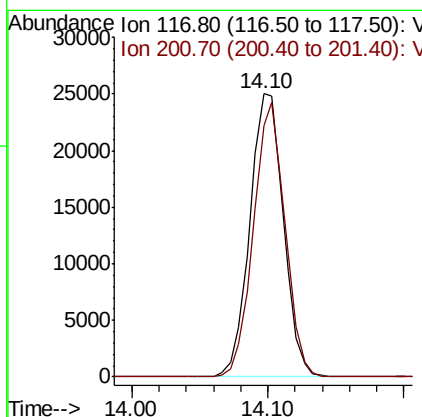
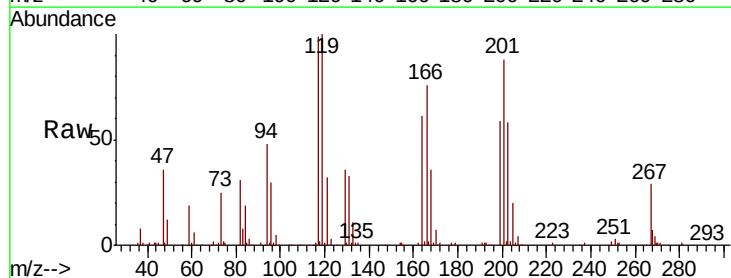
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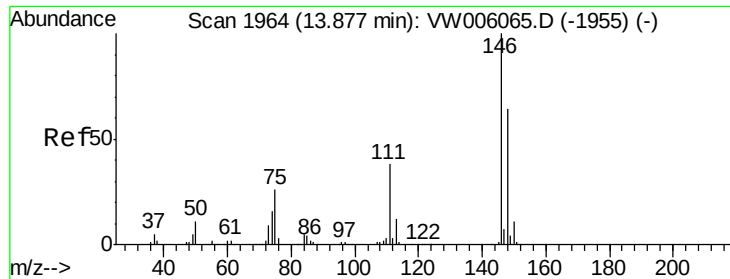
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#90
Hexachloroethane
Concen: 18.501 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.01 min
Lab File: VW006146.D
Acq: 18 Oct 2018 01:55

Tgt Ion	Ratio	Lower	Upper
117	100		
201	91.1	45.3	135.9





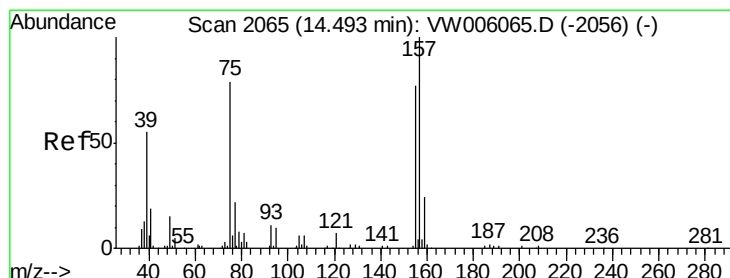
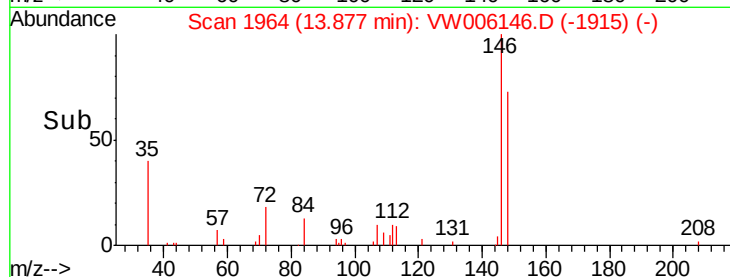
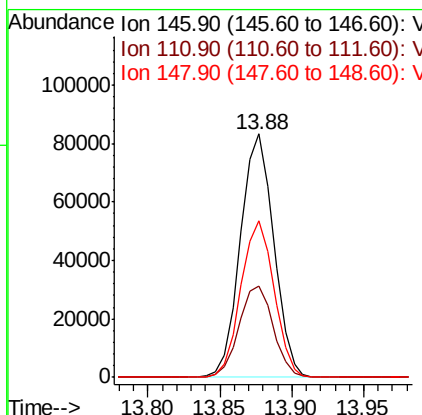
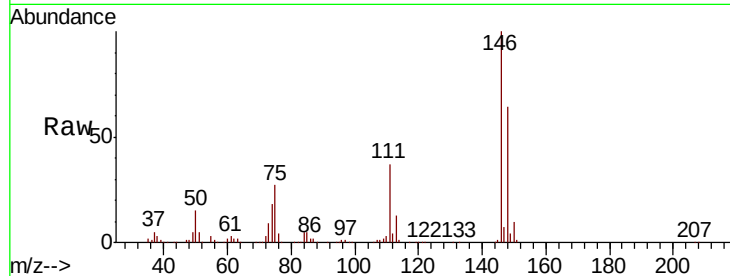
#91
 1,2-Dichlorobenzene
 Concen: 21.373 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW006146.D
 Acq: 18 Oct 2018 01:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1017SBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.6	58.7
148	63.8	32.2	96.6

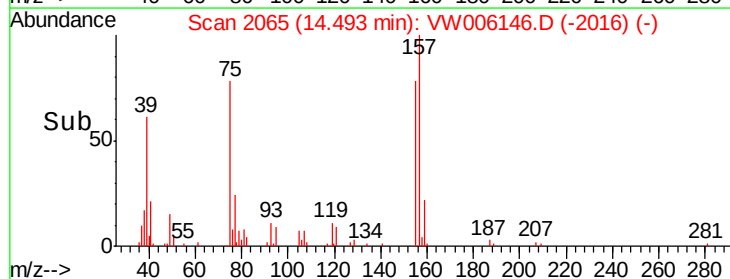
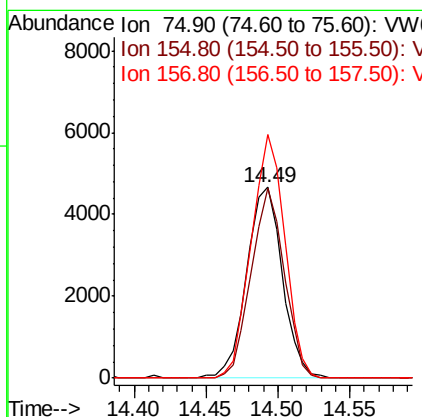
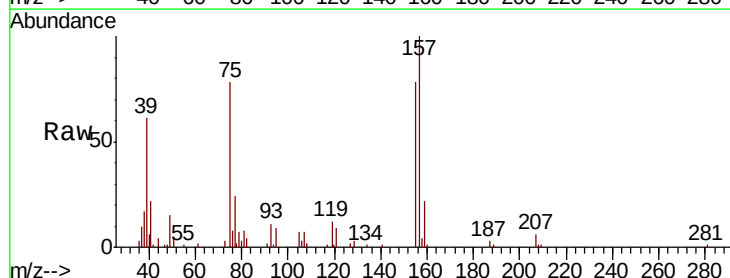
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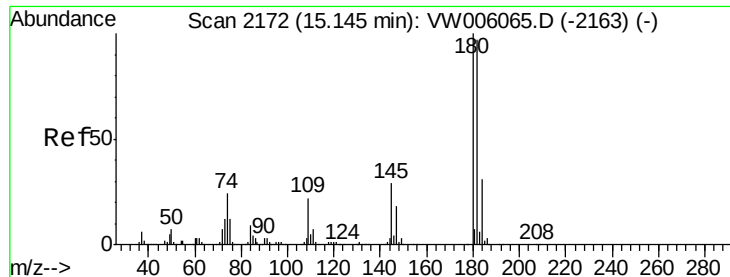
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.385 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW006146.D
 Acq: 18 Oct 2018 01:55

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.1	46.5	139.5
157	120.0	59.8	179.4





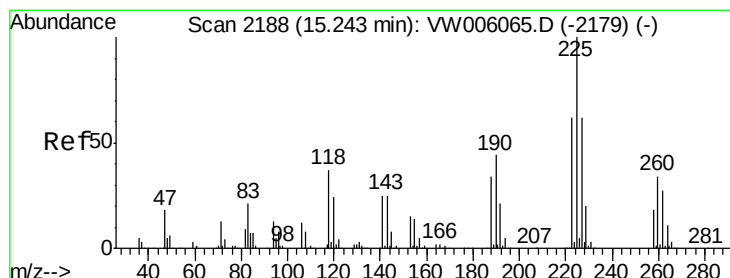
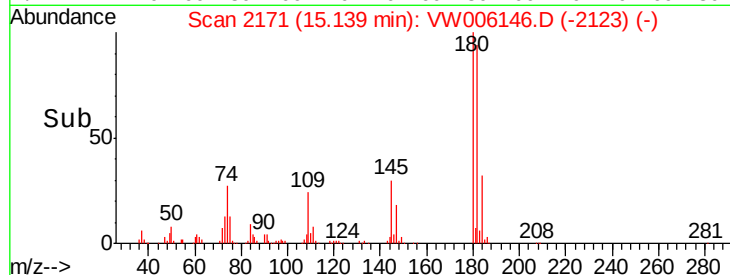
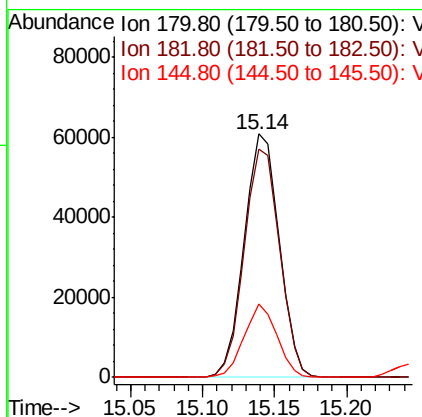
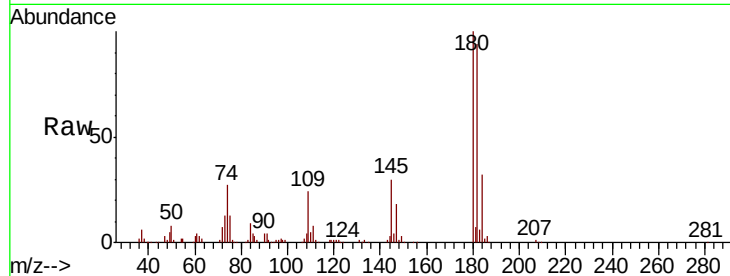
#93
 1,2,4-Trichlorobenzene
 Concen: 21.283 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: VW006146.D
 Acq: 18 Oct 2018 01:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1017SBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	102409		
182	94.8	47.9	143.6	
145	28.3	14.2	42.8	

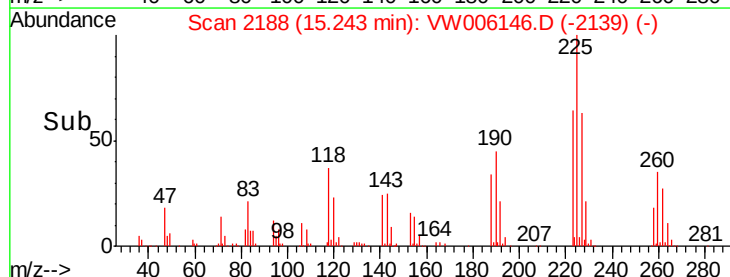
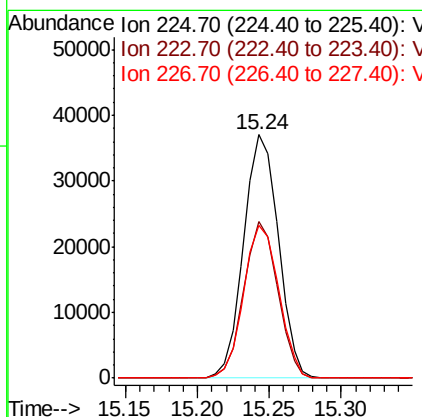
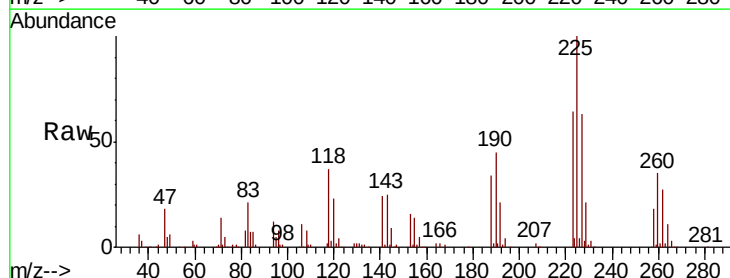
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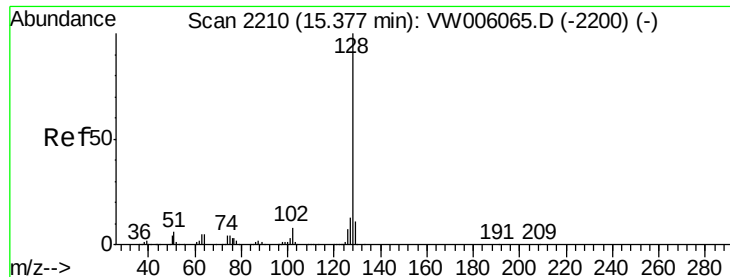
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#94
 Hexachlorobutadiene
 Concen: 20.515 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW006146.D
 Acq: 18 Oct 2018 01:55

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	62010		
223	62.9	31.1	93.5	
227	63.3	32.4	97.0	





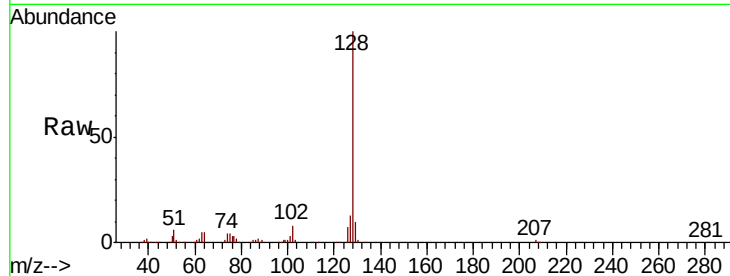
#95
Naphthalene
Concen: 22.017 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW006146.D
Acq: 18 Oct 2018 01:55

Instrument :
MSVOA_W
ClientSampleId :
VW1017SBS02

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	10.7	8.7	13.1

Manual Integrations
APPROVED

apatel
10/18/2018 4:39:52 PM

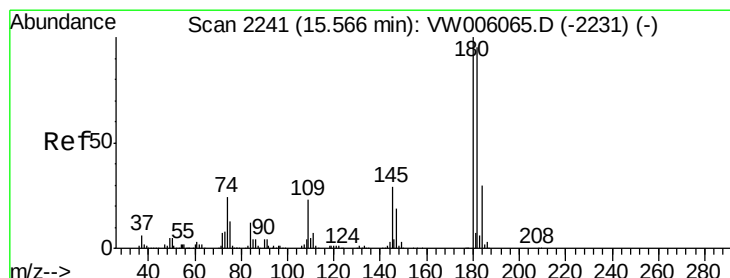
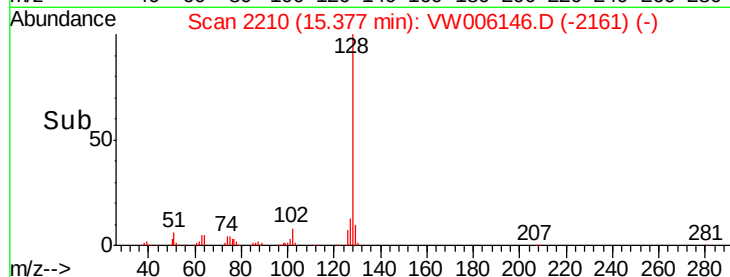
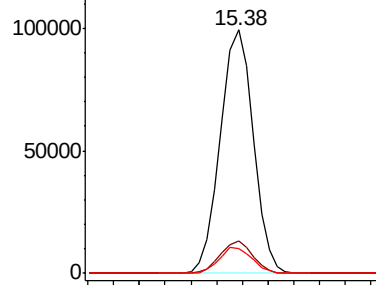


Abundance

Ion 128.00 (127.70 to 128.70): V

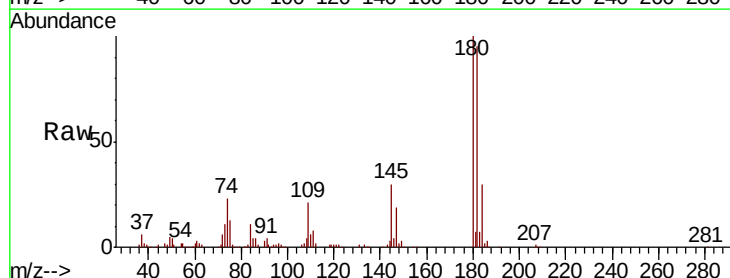
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 21.765 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW006146.D
Acq: 18 Oct 2018 01:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.8	143.3
145	30.1	15.0	45.1



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

