

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101718\
 Data File : VW006122.D
 Acq On : 17 Oct 2018 13:27
 Operator : VA/AP
 Sample : VW1017SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1017SBS01

Manual Integrations
 APPROVED

apatel
 10/18/2018 11:04:25 AM

Quant Time: Oct 17 15:15:46 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	327073	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	457245	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	410643	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	231358	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	127214	46.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.82%	
35) Dibromofluoromethane	7.89	113	132162	48.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.84%	
50) Toluene-d8	10.33	98	505928	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	
62) 4-Bromofluorobenzene	12.62	95	189271	49.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.02	85	26780	16.546	ug/l	97
3) Chloromethane	2.22	50	35229	16.909	ug/l	99
4) Vinyl Chloride	2.37	62	54858	18.438	ug/l	99
5) Bromomethane	2.79	94	48211	17.815	ug/l	93
6) Chloroethane	2.93	64	38732	18.165	ug/l	95
7) Trichlorofluoromethane	3.26	101	52276	18.860	ug/l	99
8) Diethyl Ether	3.68	74	28967	19.664	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.07	101	61211	21.073	ug/l	98
10) Methyl Iodide	4.27	142	98798	20.435	ug/l	99
11) Tert butyl alcohol	5.17	59	19766	108.385	ug/l	97
12) 1,1-Dichloroethene	4.03	96	56138	20.542	ug/l	94
13) Acrolein	3.89	56	18679	105.851	ug/l	100
14) Allyl chloride	4.67	41	76970	19.698	ug/l	98
15) Acrylonitrile	5.37	53	51693	97.838	ug/l	99
16) Acetone	4.12	43	69484	129.448	ug/l	99
17) Carbon Disulfide	4.38	76	156059	18.921	ug/l	99
18) Methyl Acetate	4.67	43	25044	18.353	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	81908	19.678	ug/l	96
20) Methylene Chloride	4.92	84	61750	20.564	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	61999	20.325	ug/l	97
22) Diisopropyl ether	6.32	45	156376	20.251	ug/l	100
23) Vinyl Acetate	6.26	43	435654	95.601	ug/l	100
24) 1,1-Dichloroethane	6.21	63	100732	20.217	ug/l	97
25) 2-Butanone	7.18	43	79280	108.226	ug/l	99
26) 2,2-Dichloropropane	7.17	77	74245	21.127	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	68554	20.366	ug/l	99
28) Bromochloromethane	7.52	49	33927	17.638	ug/l	97
29) Tetrahydrofuran	7.54	42	42609	94.629	ug/l	99
30) Chloroform	7.68	83	109596	20.189	ug/l	100
31) Cyclohexane	7.96	56	98705	19.893	ug/l	97
32) 1,1,1-Trichloroethane	7.88	97	100166	20.455	ug/l	99
36) 1,1-Dichloropropene	8.09	75	89307	21.190	ug/l	99
37) Ethyl Acetate	7.26	43	30607	19.546	ug/l	100
38) Carbon Tetrachloride	8.07	117	96612	20.911	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	120047	21.428	ug/l	98
40) Benzene	8.33	78	243069	21.025	ug/l	99
41) Methacrylonitrile	7.49	41	15575	16.500	ug/l #	87
42) 1,2-Dichloroethane	8.40	62	70004	20.610	ug/l	100
43) Isopropyl Acetate	8.43	43	61261	19.134	ug/l	100
44) Trichloroethene	9.10	130	74999	21.145	ug/l	97
45) 1,2-Dichloropropane	9.37	63	57264	20.700	ug/l	99
46) Dibromomethane	9.46	93	32124	20.374	ug/l	99
47) Bromodichloromethane	9.65	83	77303	20.222	ug/l	99
48) Methyl methacrylate	9.44	41	29599	19.504	ug/l	97
49) 1,4-Dioxane	9.45	88	10147	418.035	ug/l #	100
51) 4-Methyl-2-Pentanone	10.21	43	155239	96.775	ug/l	99
52) Toluene	10.39	92	164532	21.228	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	74504	19.562	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	88322	20.206	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	45100	20.440	ug/l	98
56) Ethyl methacrylate	10.65	69	53215	19.673	ug/l	99
57) 1,3-Dichloropropane	10.94	76	73468	20.114	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	102737	99.399	ug/l	99
59) 2-Hexanone	10.98	43	117689	102.777	ug/l	100
60) Dibromochloromethane	11.13	129	52873	19.238	ug/l	100
61) 1,2-Dibromoethane	11.24	107	43901	19.913	ug/l	100
64) Tetrachloroethene	10.87	164	67861	21.287	ug/l	95
65) Chlorobenzene	11.66	112	186562	21.223	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	65322	20.910	ug/l	99
67) Ethyl Benzene	11.74	91	327316	21.485	ug/l	98
68) m/p-Xylenes	11.85	106	258051	42.855	ug/l	99
69) o-Xylene	12.17	106	122779	21.395	ug/l	100
70) Styrene	12.19	104	197917	21.209	ug/l	100
71) Bromoform	12.35	173	31678	18.180	ug/l #	98
73) Isopropylbenzene	12.47	105	349070	21.357	ug/l	100
74) N-amyl acetate	12.28	43	60891	19.181	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	49339	19.847	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	34144m	19.322	ug/l	
77) Bromobenzene	12.76	156	83768	20.924	ug/l	99
78) n-propylbenzene	12.81	91	410431	21.584	ug/l	100
79) 2-Chlorotoluene	12.90	91	227352	21.279	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	294080	21.343	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	13115	17.741	ug/l	93
82) 4-Chlorotoluene	12.99	91	236234	21.107	ug/l	100
83) tert-Butylbenzene	13.21	119	264593	21.463	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	299997	21.516	ug/l	100
85) sec-Butylbenzene	13.39	105	380705	21.859	ug/l	100
86) p-Isopropyltoluene	13.51	119	342183	21.722	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	168648	21.167	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	167708	21.141	ug/l	100
89) n-Butylbenzene	13.83	91	314244	21.812	ug/l	99
90) Hexachloroethane	14.10	117	53044	19.879	ug/l	96
91) 1,2-Dichlorobenzene	13.88	146	149683	21.062	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8269	18.578	ug/l	98

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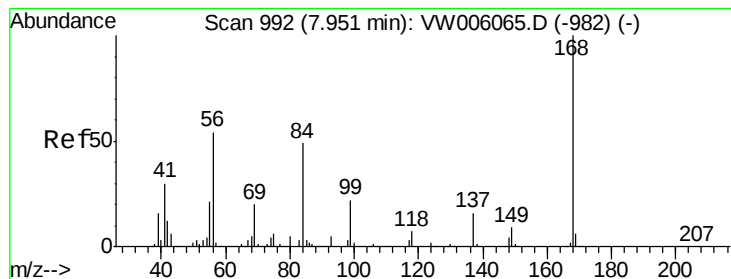
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	116190	21.248	ug/l	99
94) Hexachlorobutadiene	15.25	225	77256	22.490	ug/l	98
95) Naphthalene	15.38	128	183168	20.136	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	99453	21.027	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW006122.D

Acq: 17 Oct 2018 13:27

Instrument :

MSVOA_W

ClientSampleId :

VW1017SBS01

Tot Ion:168 Resp: 327073

Ion Ratio Lower Upper

168 100

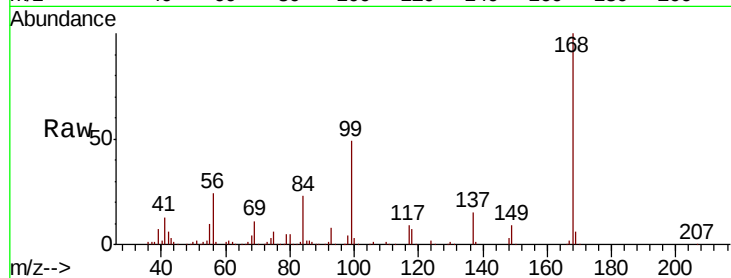
99 48.8 39.9 59.9

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Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

150000

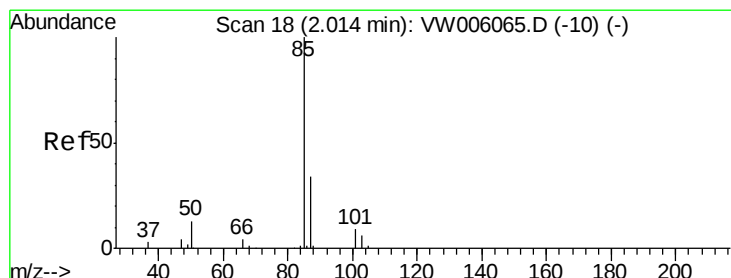
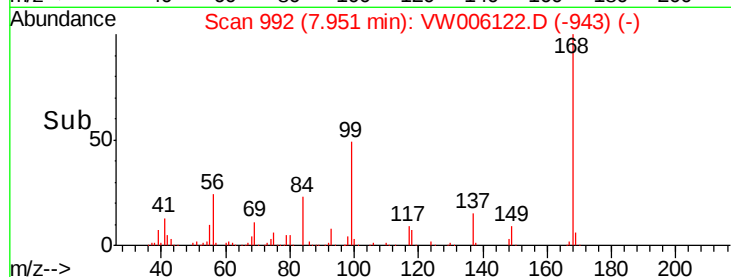
100000

50000

0

7.80 7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 16.546 ug/l

RT: 2.02 min Scan# 19

Delta R.T. 0.01 min

Lab File: VW006122.D

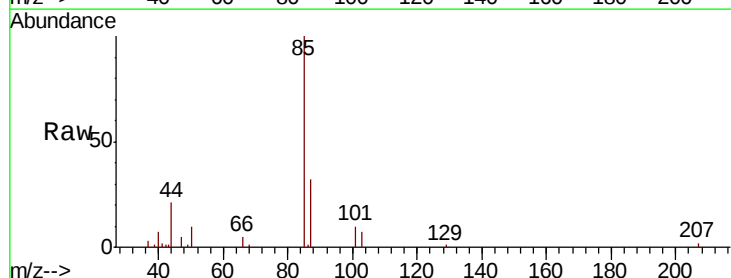
Acq: 17 Oct 2018 13:27

Tgt Ion: 85 Resp: 26780

Ion Ratio Lower Upper

85 100

87 32.0 16.9 50.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

8000

6000

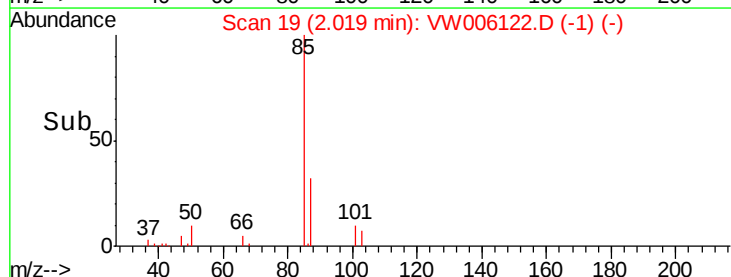
4000

2000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 16.909 ug/l

RT: 2.22 min Scan# 52

Delta R.T. -0.00 min

Lab File: VW006122.D

Acq: 17 Oct 2018 13:27

Instrument :

MSVOA_W

ClientSampleId :

VW1017SBS01

Tot Ion: 50 Resp: 35229

Ion Ratio Lower Upper

50 100

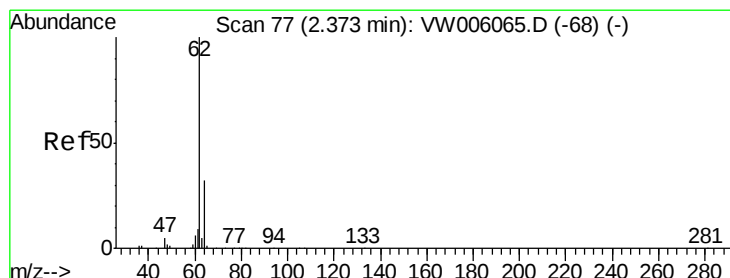
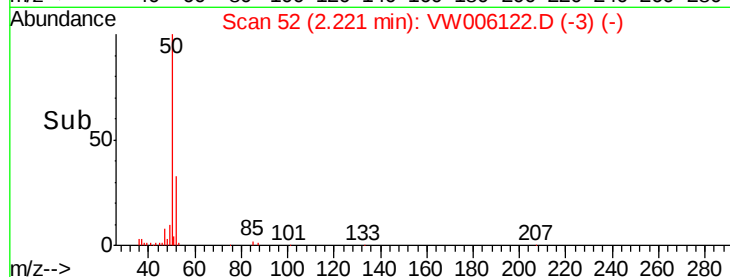
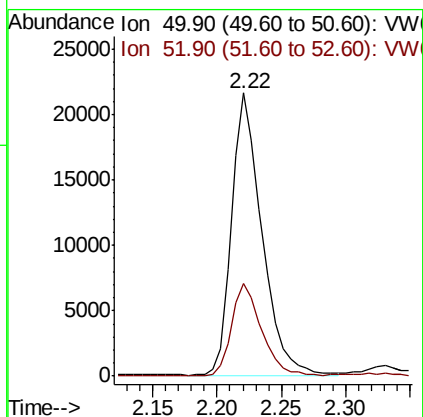
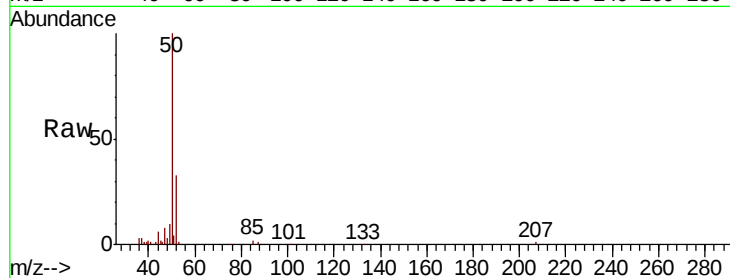
52 32.7 26.8 40.2

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#4

Vinyl Chloride

Concen: 18.438 ug/l

RT: 2.37 min Scan# 77

Delta R.T. -0.00 min

Lab File: VW006122.D

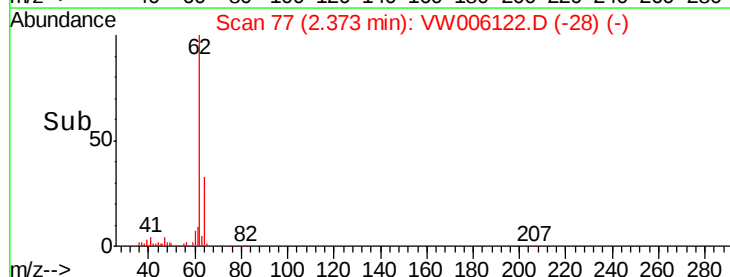
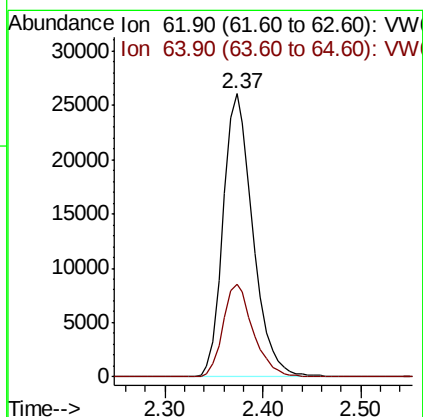
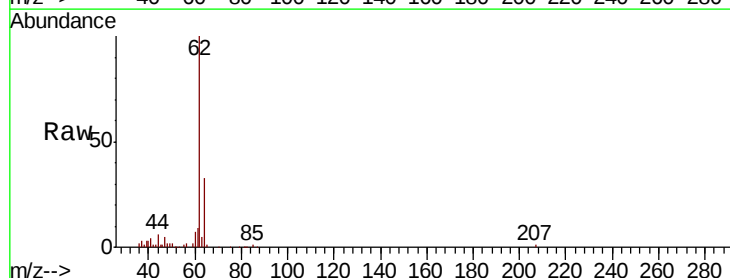
Acq: 17 Oct 2018 13:27

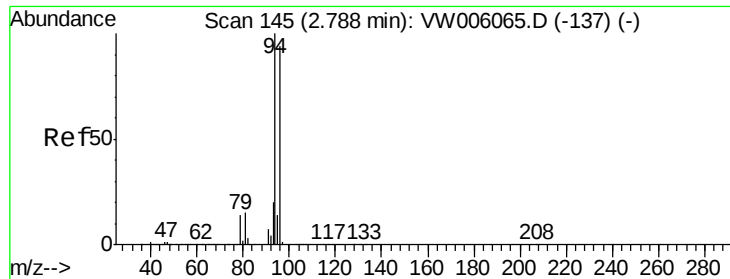
Tgt Ion: 62 Resp: 54858

Ion Ratio Lower Upper

62 100

64 32.9 25.9 38.9





#5

Bromomethane

Concen: 17.815 ug/l

RT: 2.79 min Scan# 145

Delta R.T. -0.00 min

Lab File: VW006122.D

Acq: 17 Oct 2018 13:27

Instrument :

MSVOA_W

ClientSampleId :

VW1017SBS01

Tot Ion: 94 Resp: 48211

Ion Ratio Lower Upper

94 100

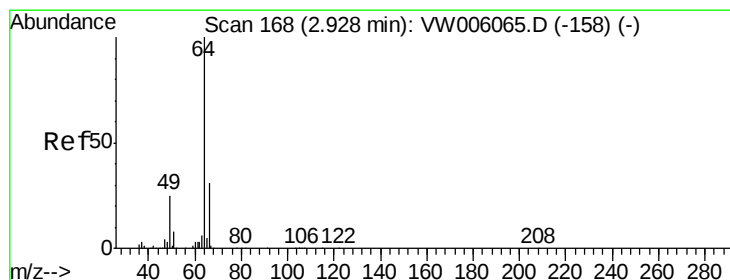
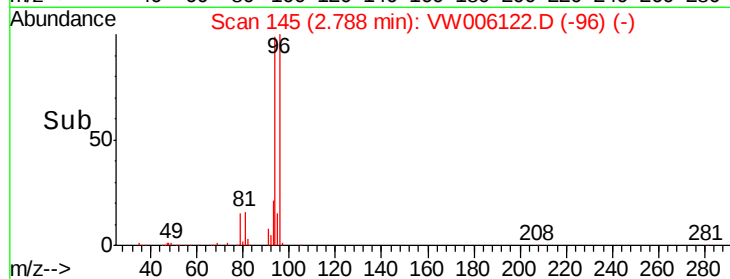
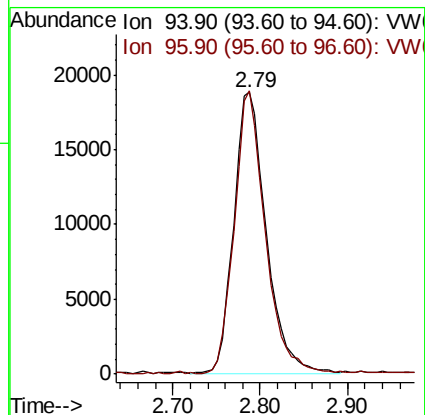
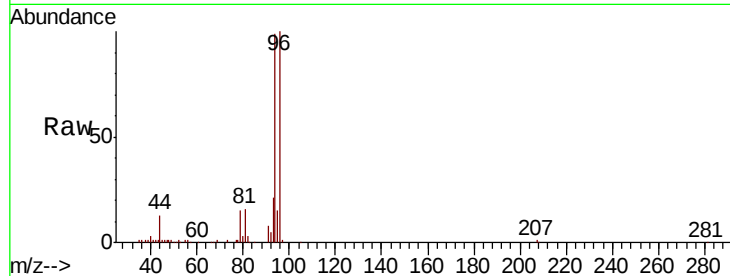
96 100.2 74.9 112.3

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#6

Chloroethane

Concen: 18.165 ug/l

RT: 2.93 min Scan# 169

Delta R.T. 0.01 min

Lab File: VW006122.D

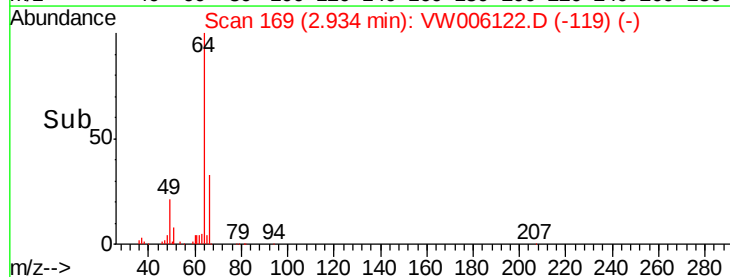
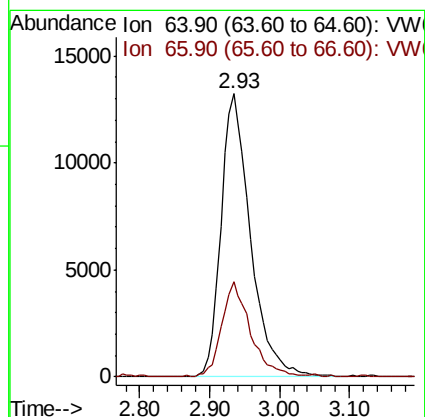
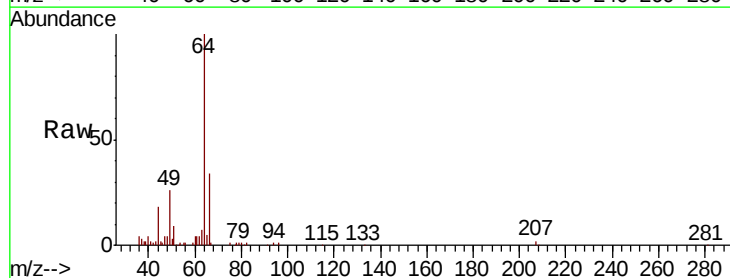
Acq: 17 Oct 2018 13:27

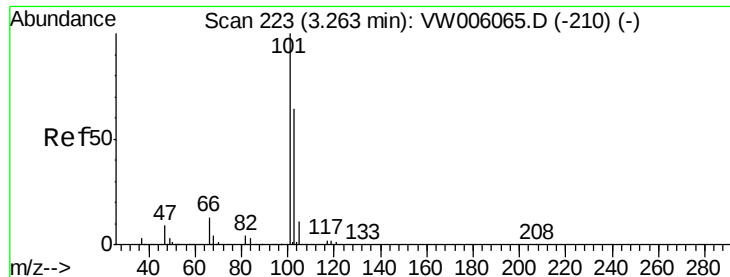
Tgt Ion: 64 Resp: 38732

Ion Ratio Lower Upper

64 100

66 33.9 24.9 37.3





#7

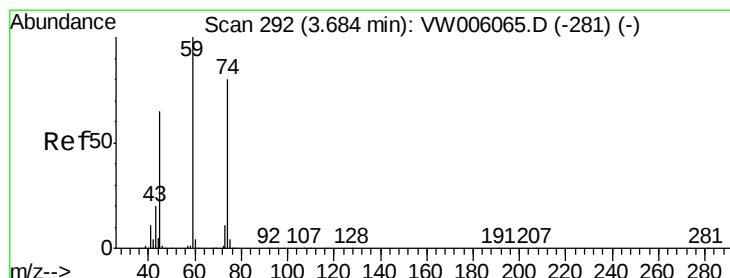
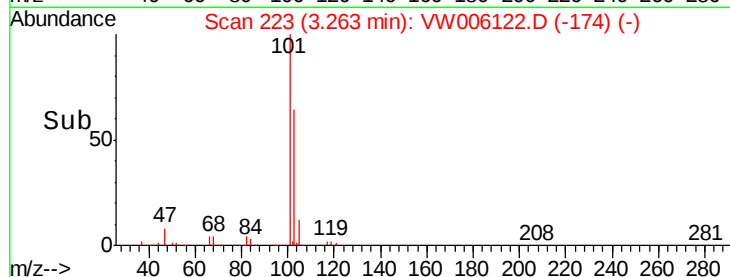
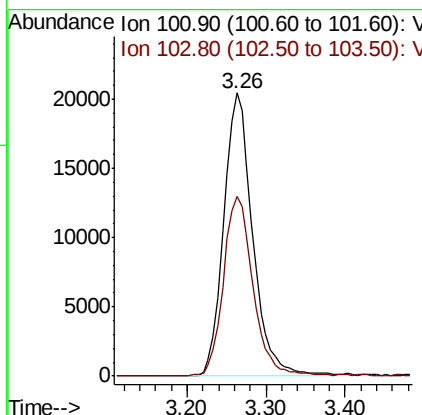
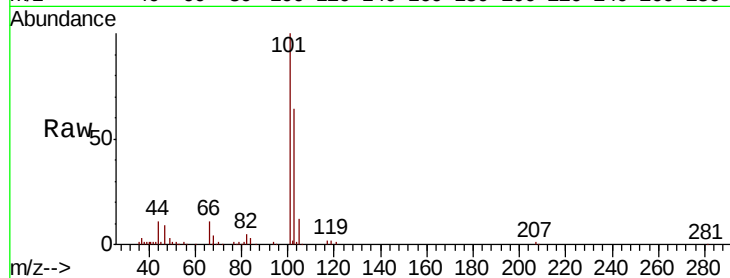
Trichlorofluoromethane
Concen: 18.860 ug/l
RT: 3.26 min Scan# 223
Delta R.T. -0.00 min
Lab File: VW006122.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.3	51.2	76.8

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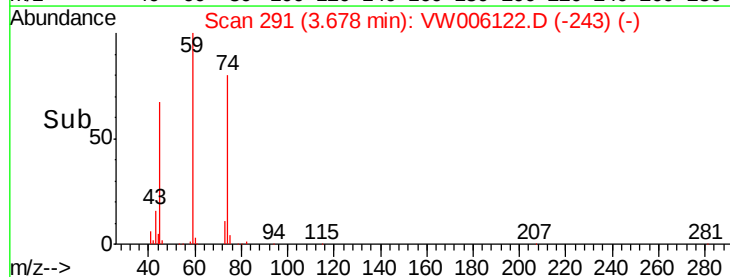
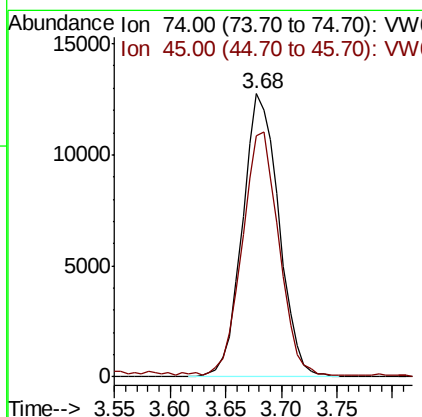
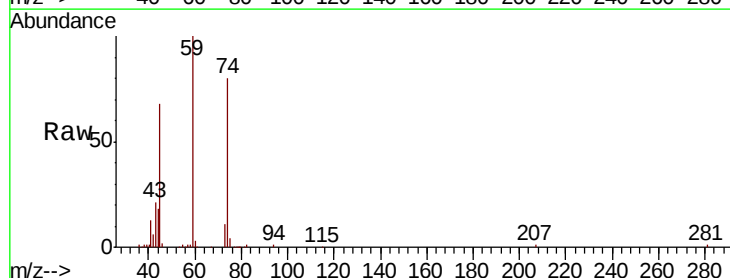
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#8

Diethyl Ether
Concen: 19.664 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.01 min
Lab File: VW006122.D
Acq: 17 Oct 2018 13:27

Tgt Ion	Ratio	Lower	Upper
74	100		
45	86.5	42.8	128.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.073 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.01 min

Lab File: VW006122.D

Acq: 17 Oct 2018 13:27

Instrument :

MSVOA_W

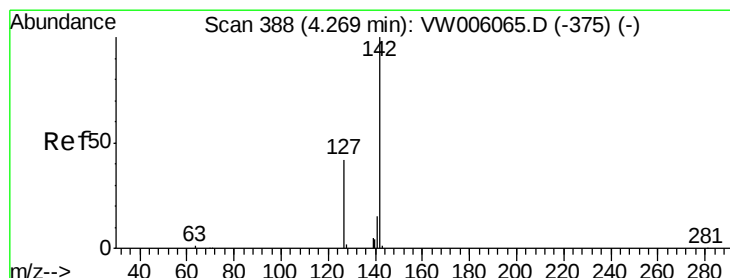
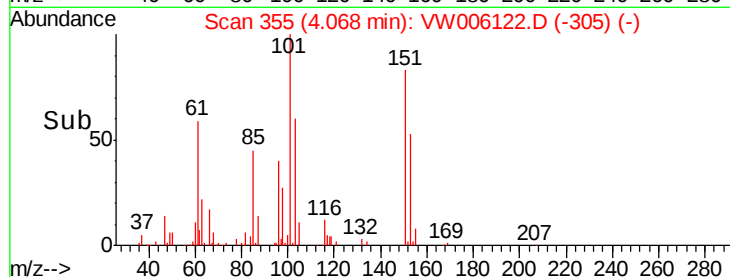
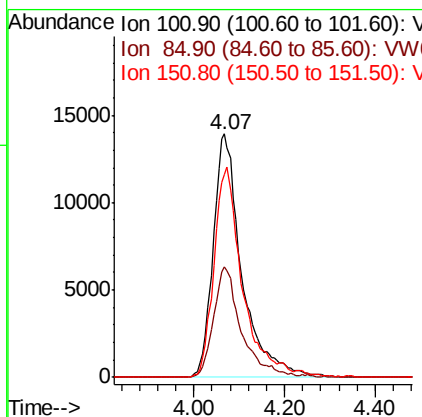
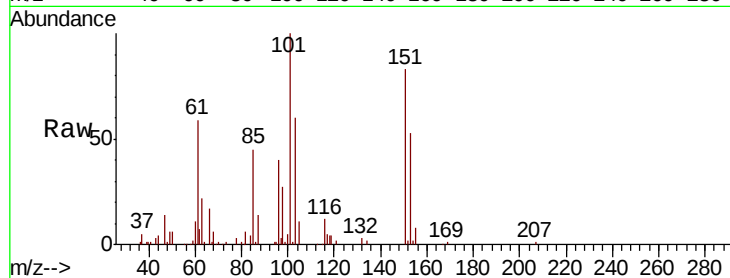
ClientSampleId :

VW1017SBS01

Tot Ion:	101	Resp:	61211
Ion Ratio	Lower	Upper	
101	100		
85	43.9	34.9	52.3
151	85.1	70.4	105.6

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#10

Methyl Iodide

Concen: 20.435 ug/l

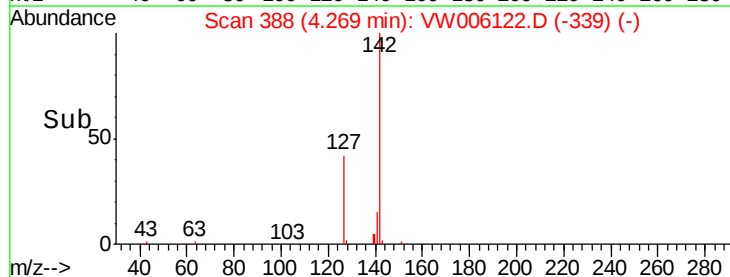
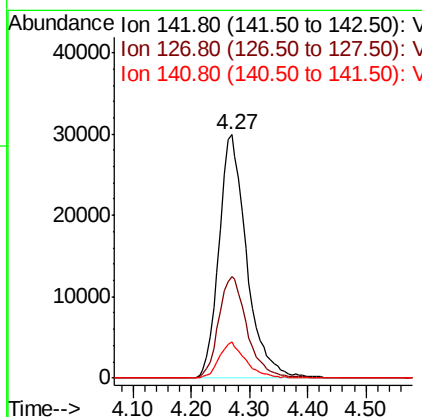
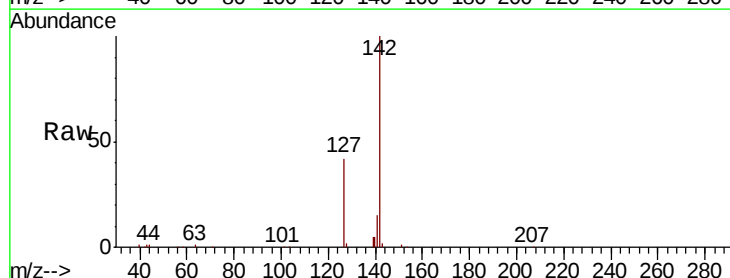
RT: 4.27 min Scan# 388

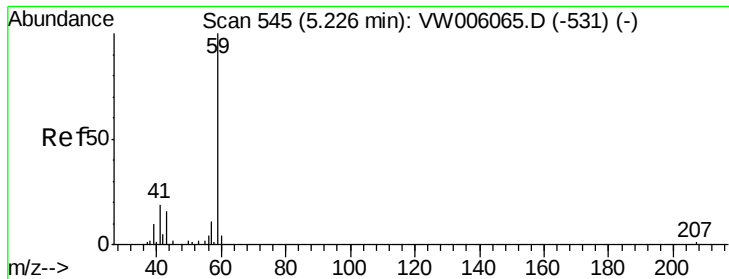
Delta R.T. -0.00 min

Lab File: VW006122.D

Acq: 17 Oct 2018 13:27

Tgt Ion:	142	Resp:	98798
Ion Ratio	Lower	Upper	
142	100		
127	42.8	33.6	50.4
141	14.3	11.6	17.4





#11

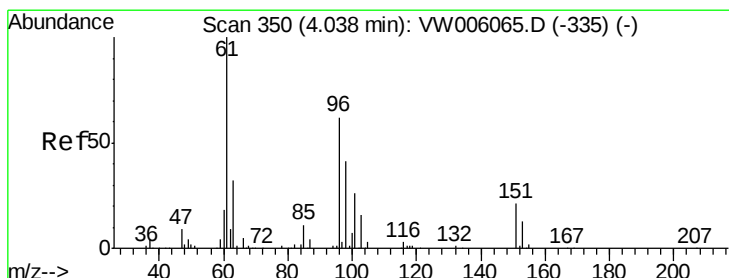
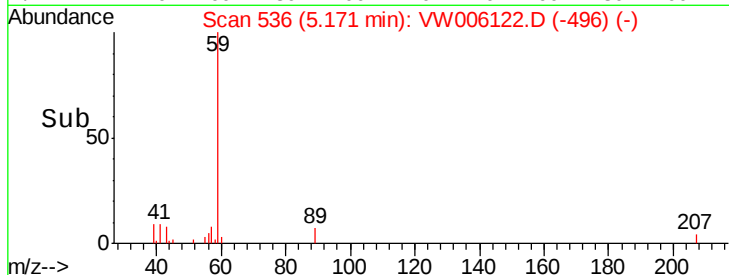
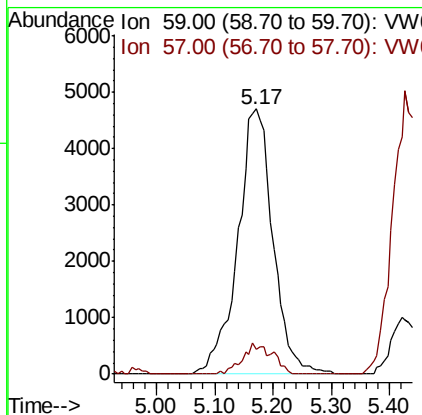
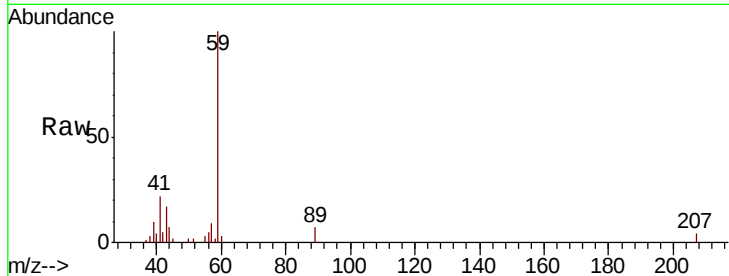
Tert butyl alcohol
Concen: 108.385 ug/l
RT: 5.17 min Scan# 536
Delta R.T. -0.06 min
Lab File: VW006122.D
Acq: 17 Oct 2018 13:27

Instrument :
MSVOA_W
ClientSampleId :
VW1017SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.8	8.7	13.1

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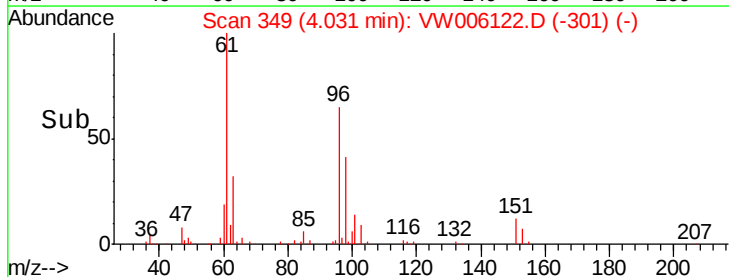
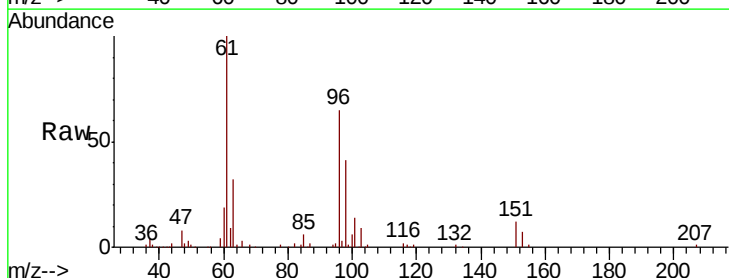
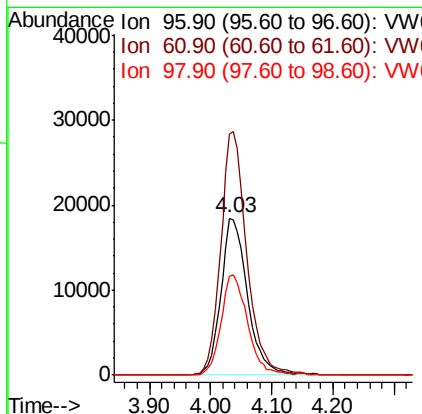
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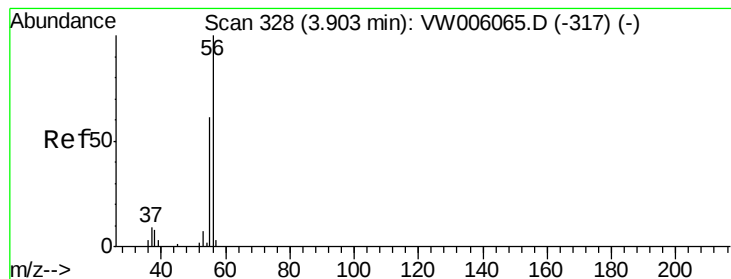


#12

1,1-Dichloroethene
Concen: 20.542 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW006122.D
Acq: 17 Oct 2018 13:27

Tgt Ion	Ratio	Lower	Upper
96	100		
61	153.7	129.3	193.9
98	62.9	53.1	79.7





#13

Acrolein

Concen: 105.851 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW006122.D

Acq: 17 Oct 2018 13:27

Instrument :

MSVOA_W

ClientSampleId :

VW1017SBS01

Tot Ion: 56 Resp: 18679

Ion Ratio Lower Upper

56 100

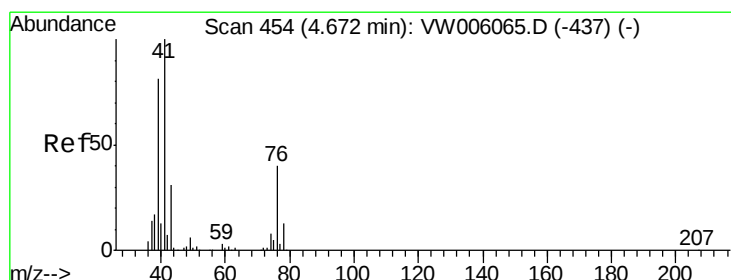
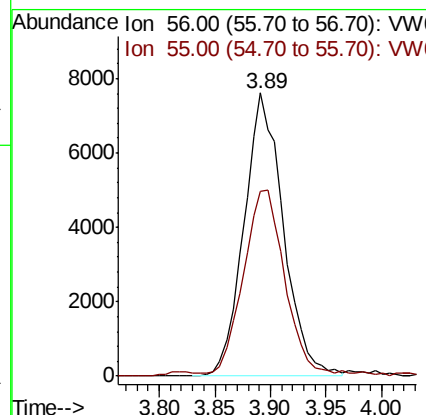
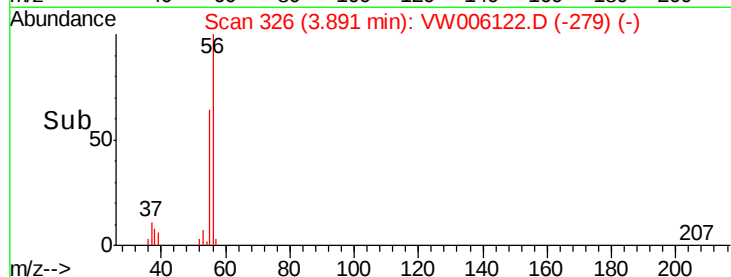
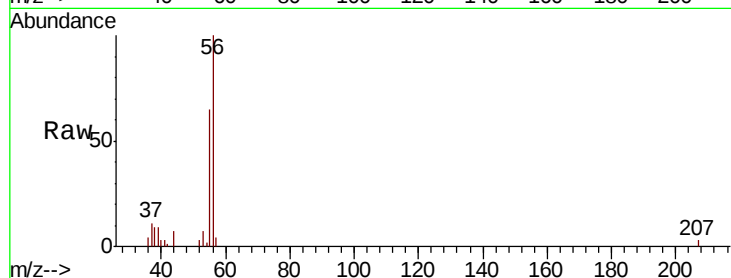
55 68.3 54.5 81.7

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#14

Allyl chloride

Concen: 19.698 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW006122.D

Acq: 17 Oct 2018 13:27

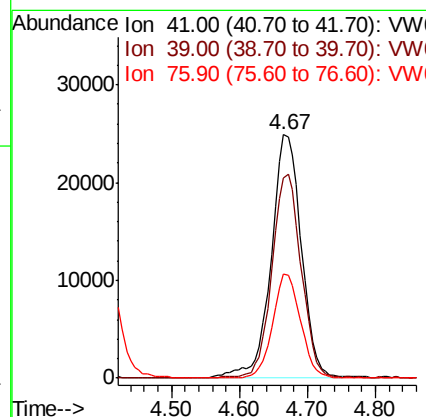
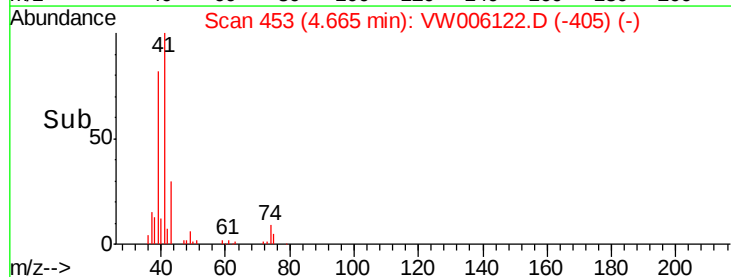
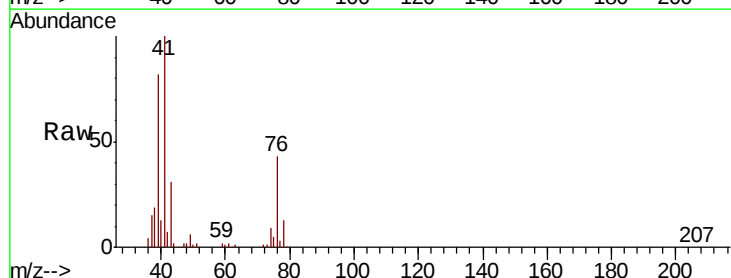
Tgt Ion: 41 Resp: 76970

Ion Ratio Lower Upper

41 100

39 81.7 64.1 96.1

76 39.5 32.2 48.4





#15

Acrylonitrile

Concen: 97.838 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.01 min

Lab File: VW006122.D

Acq: 17 Oct 2018 13:27

Instrument :

MSVOA_W

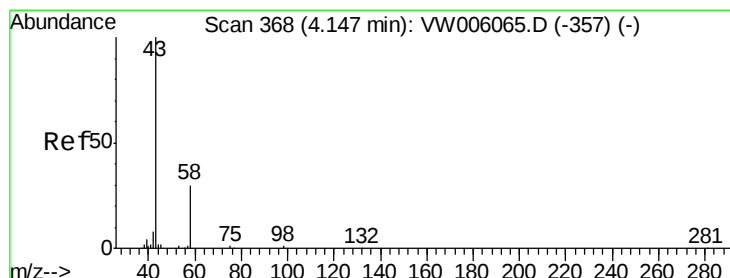
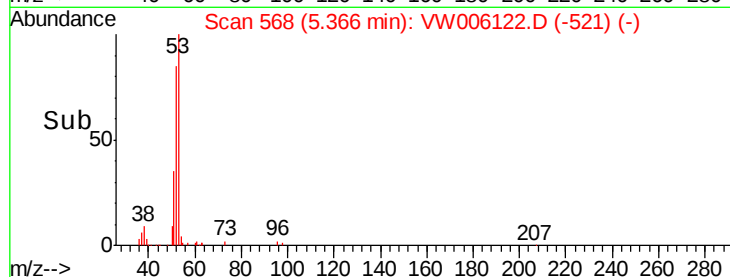
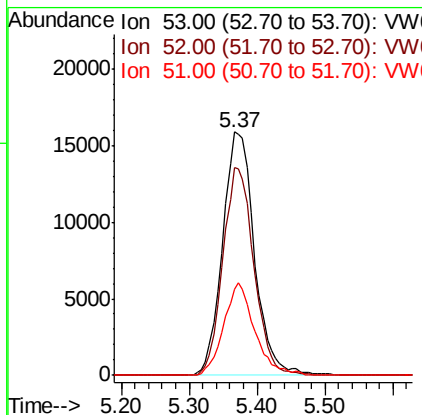
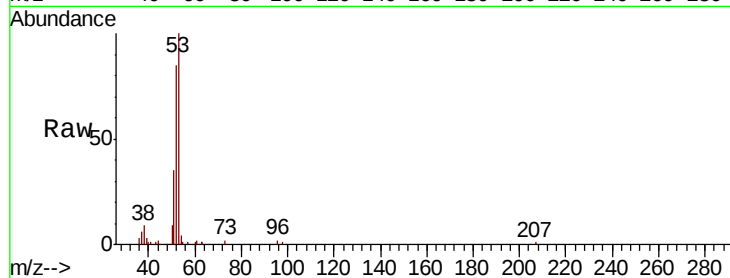
ClientSampleId :

VW1017SBS01

Tot Ion:	53	Resp:	51693
Ion	Ratio	Lower	Upper
53	100		
52	82.8	66.9	100.3
51	36.9	30.1	45.1

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#16

Acetone

Concen: 129.448 ug/l

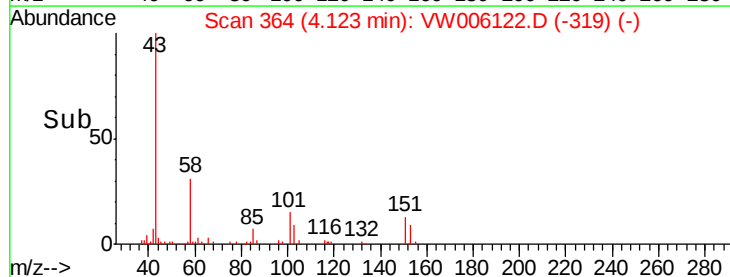
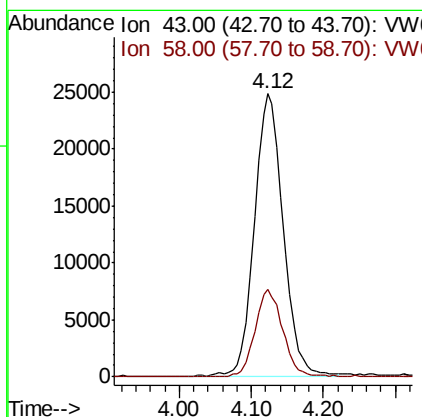
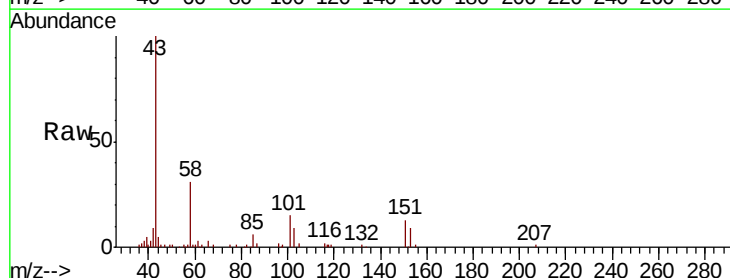
RT: 4.12 min Scan# 364

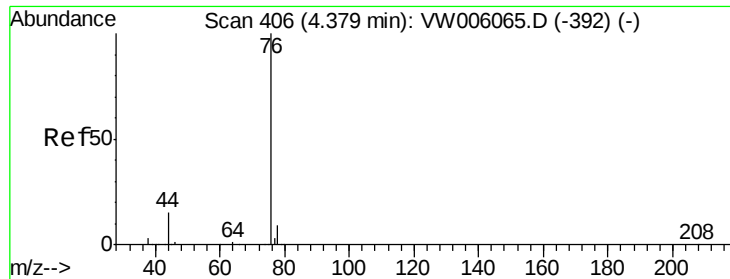
Delta R.T. -0.02 min

Lab File: VW006122.D

Acq: 17 Oct 2018 13:27

Tgt Ion:	43	Resp:	69484
Ion	Ratio	Lower	Upper
43	100		
58	30.8	24.0	36.0





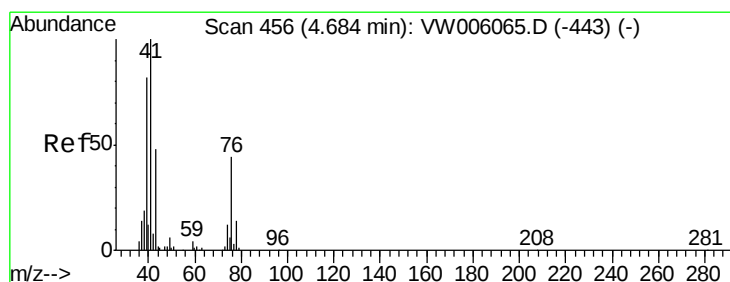
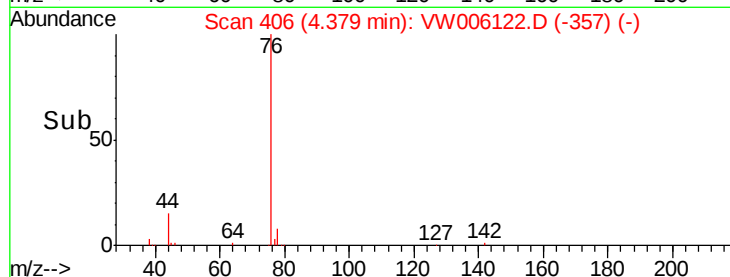
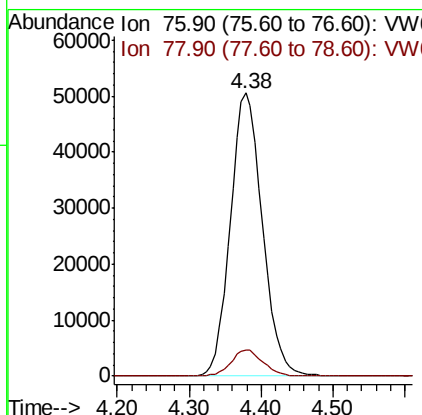
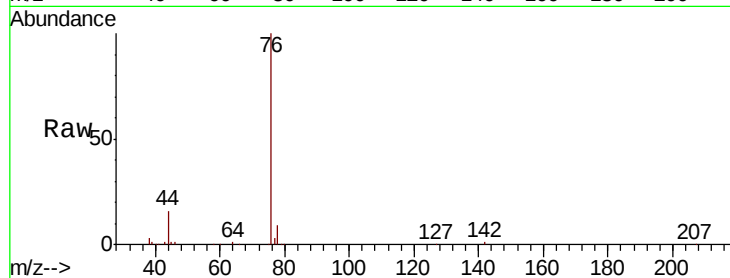
#17
Carbon Disulfide
Concen: 18.921 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.00 min
Lab File: VW006122.D
Acq: 17 Oct 2018 13:27

Instrument :
MSVOA_W
ClientSampleId :
VW1017SBS01

Tot Ion	Ratio	Resp	Lower	Upper
76	100	156059		
78	9.1		7.5	11.3

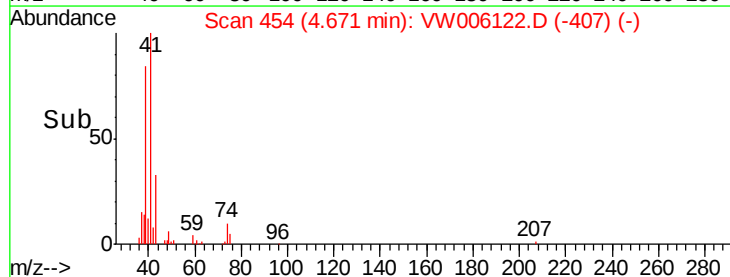
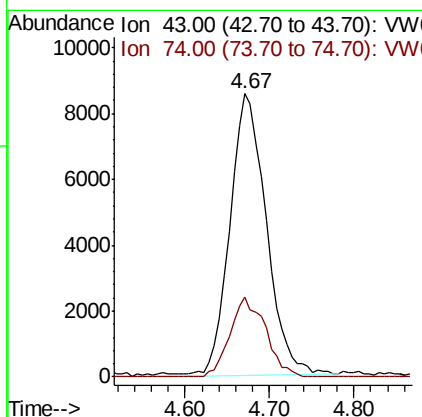
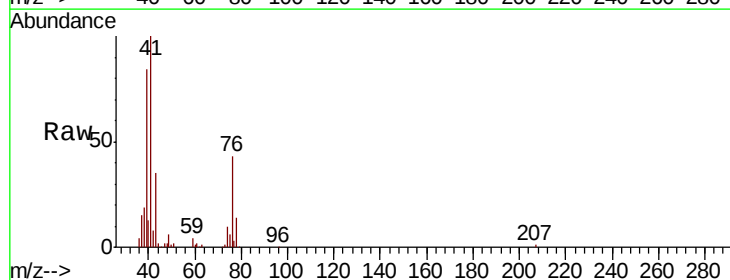
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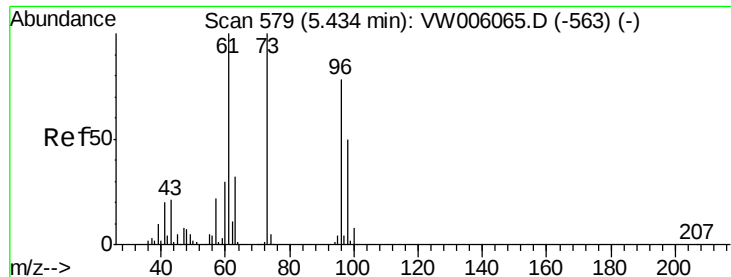
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#18
Methyl Acetate
Concen: 18.353 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.01 min
Lab File: VW006122.D
Acq: 17 Oct 2018 13:27

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	25044		
74	27.7		20.5	30.7





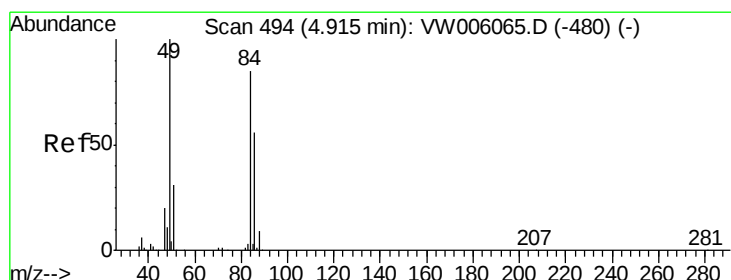
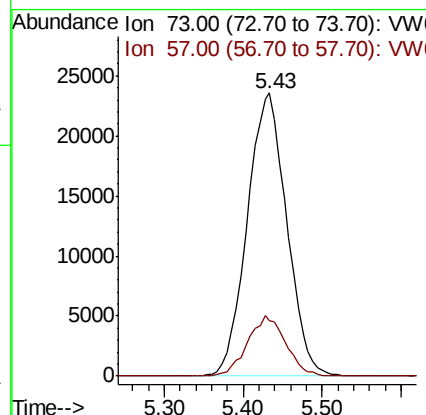
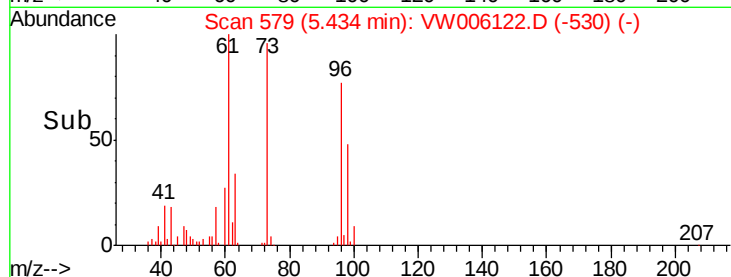
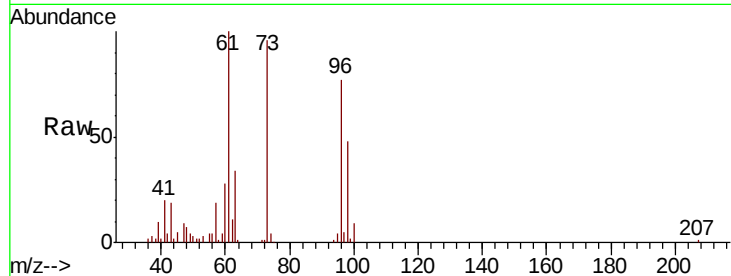
#19
Methyl tert-butyl Ether
Concen: 19.678 ug/l
RT: 5.43 min Scan# 579
Delta R.T. -0.00 min
Lab File: VW006122.D
Acq: 17 Oct 2018 13:27

Instrument :
MSVOA_W
ClientSampleId :
VW1017SBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	19.7	17.4	26.2

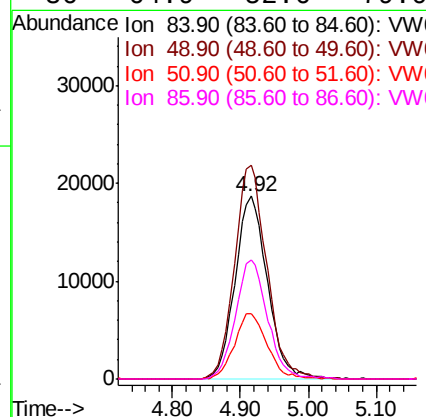
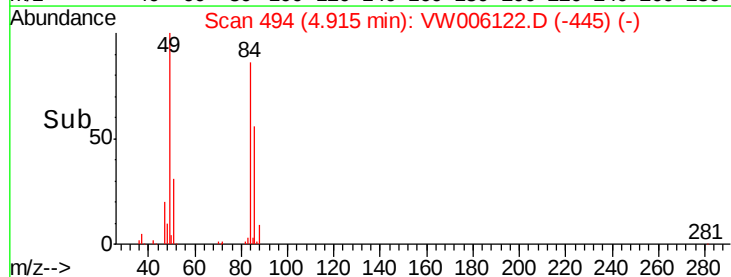
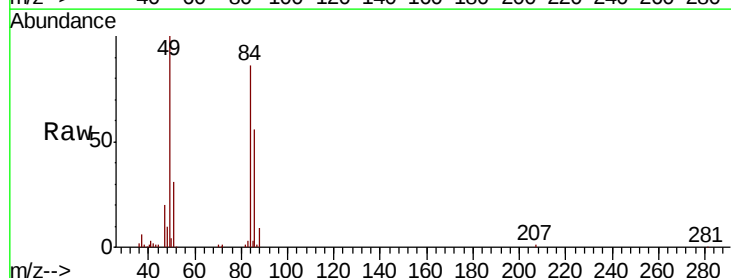
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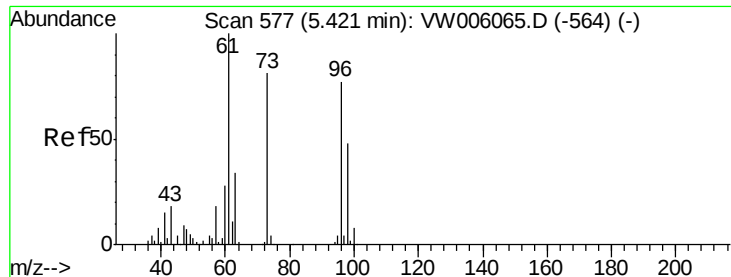
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#20
Methylene Chloride
Concen: 20.564 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW006122.D
Acq: 17 Oct 2018 13:27

Tgt Ion	Ratio	Lower	Upper
84	100		
49	116.7	93.6	140.4
51	35.9	29.0	43.4
86	64.9	52.6	79.0





#21

trans-1,2-Dichloroethene

Concen: 20.325 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW006122.D

Acq: 17 Oct 2018 13:27

Instrument :

MSVOA_W

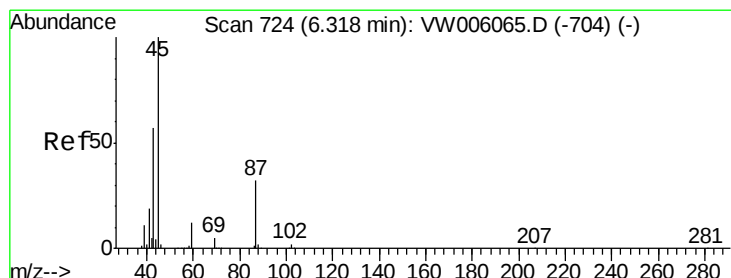
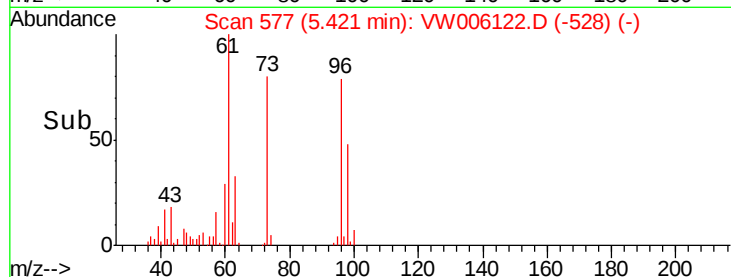
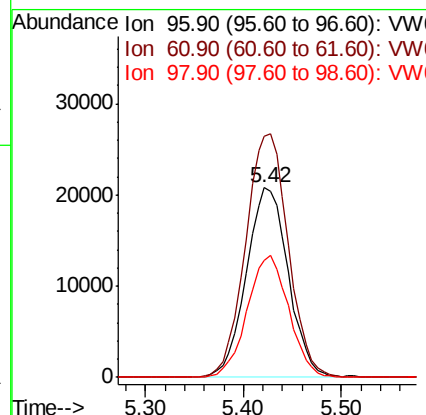
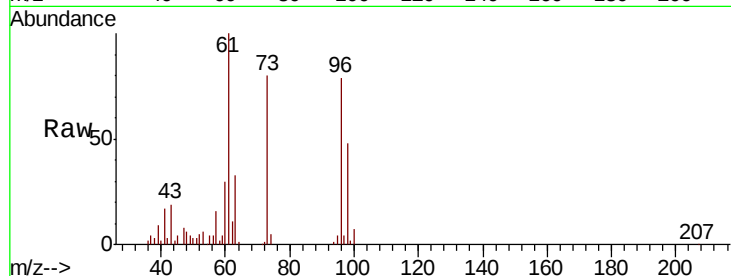
ClientSampleId :

VW1017SBS01

Tot Ion:	96	Resp:	61999
Ion	Ratio	Lower	Upper
96	100		
61	127.1	104.5	156.7
98	61.5	50.6	75.8

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#22

Diisopropyl ether

Concen: 20.251 ug/l

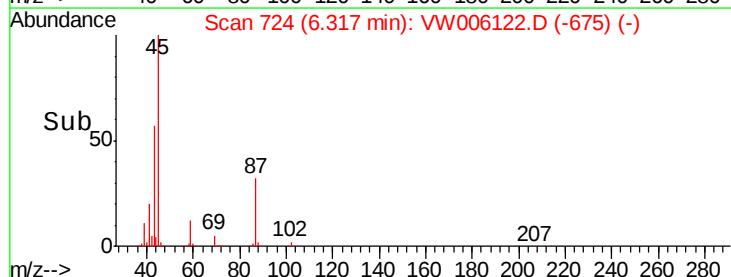
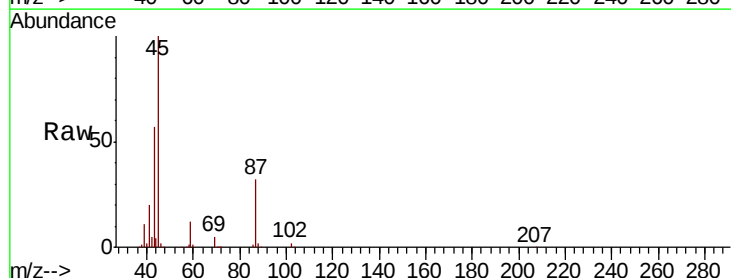
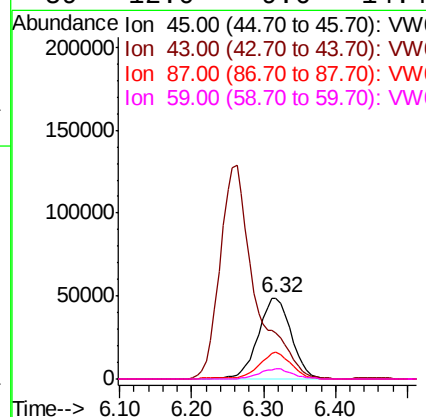
RT: 6.32 min Scan# 724

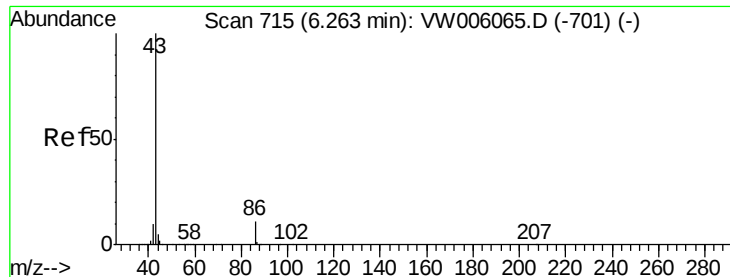
Delta R.T. -0.00 min

Lab File: VW006122.D

Acq: 17 Oct 2018 13:27

Tgt Ion:	45	Resp:	156376
Ion	Ratio	Lower	Upper
45	100		
43	56.6	45.7	68.5
87	32.5	25.9	38.9
59	12.0	9.6	14.4





#23

Vinyl Acetate

Concen: 95.601 ug/l

RT: 6.26 min Scan# 715

Delta R.T. -0.00 min

Lab File: VW006122.D

Acq: 17 Oct 2018 13:27

Instrument :

MSVOA_W

ClientSampleId :

VW1017SBS01

Tot Ion: 43 Resp: 435654

Ion Ratio Lower Upper

43 100

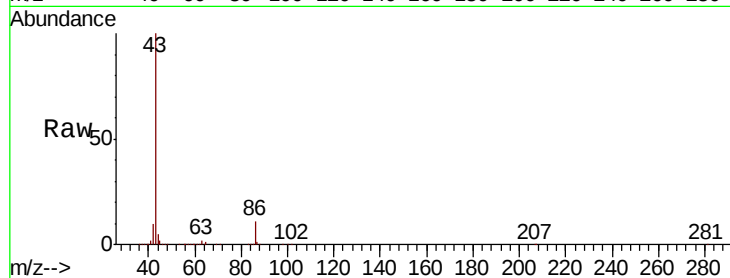
86 11.2 9.0 13.6

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

150000

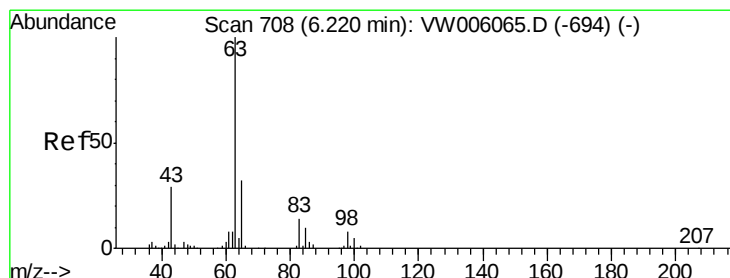
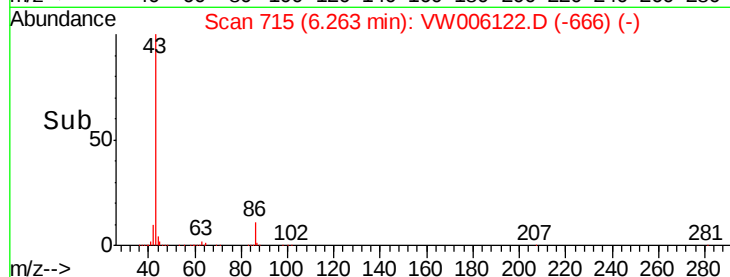
100000

50000

0

6.10 6.20 6.30 6.40

Time-->



#24

1,1-Dichloroethane

Concen: 20.217 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW006122.D

Acq: 17 Oct 2018 13:27

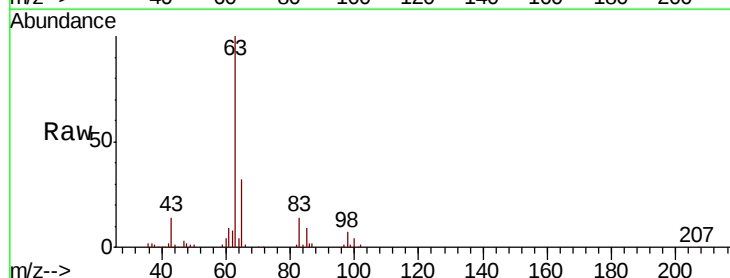
Tgt Ion: 63 Resp: 100732

Ion Ratio Lower Upper

63 100

98 6.6 3.8 11.2

100 3.9 2.5 7.5



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

40000

30000

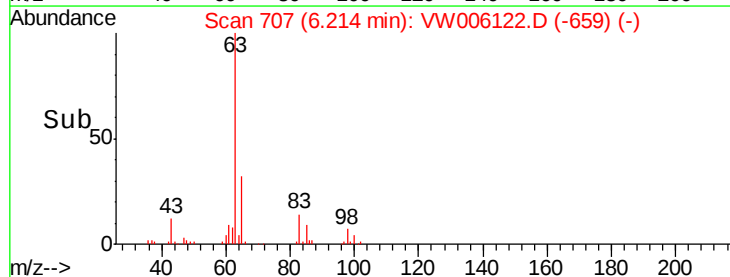
20000

10000

0

6.10 6.20 6.30

Time-->





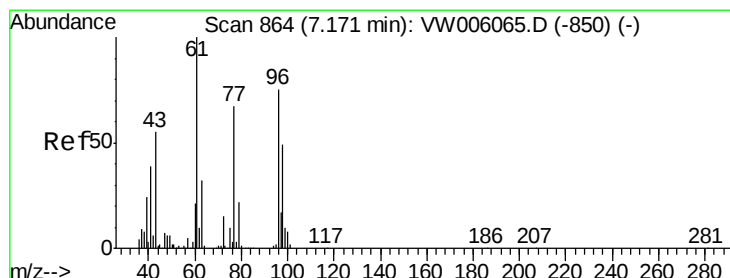
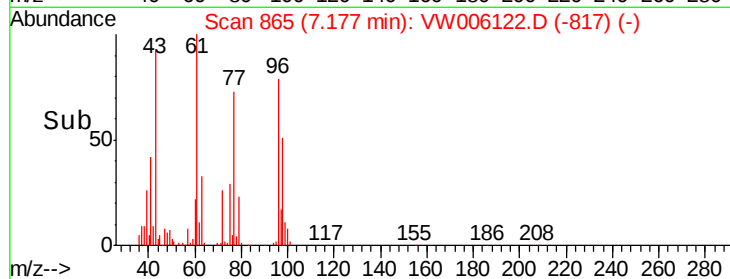
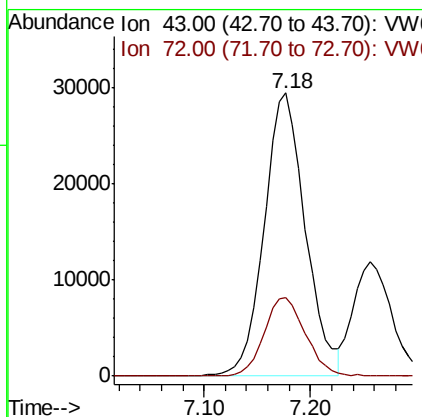
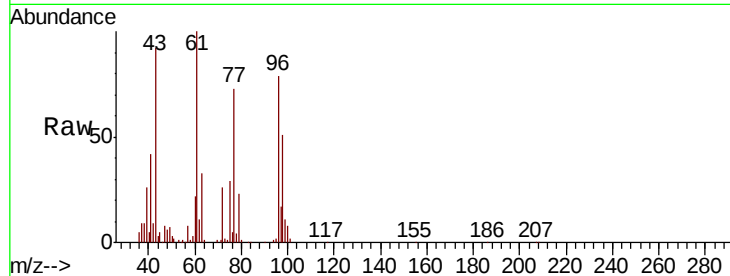
#25
2-Butanone
Concen: 108.226 ug/l
RT: 7.18 min Scan# 865
Delta R.T. -0.01 min
Lab File: VW006122.D
Acq: 17 Oct 2018 13:27

Instrument :
MSVOA_W
ClientSampleId :
VW1017SBS01

Tot Ion: 43 Resp: 79280
Ion Ratio Lower Upper
43 100
72 27.9 22.8 34.2

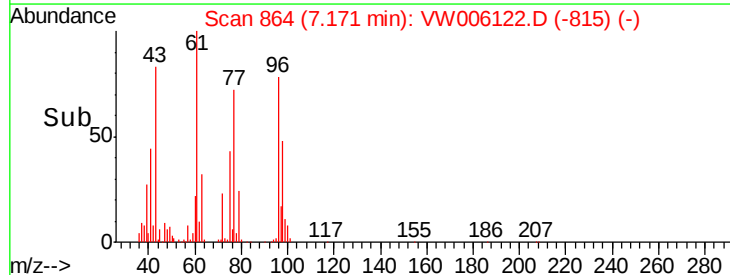
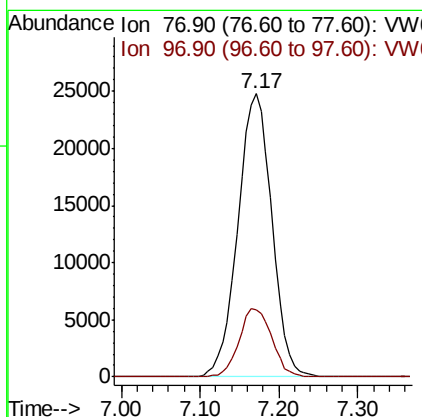
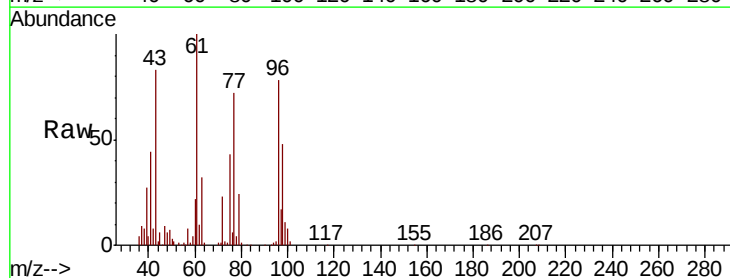
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#26
2,2-Dichloropropane
Concen: 21.127 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW006122.D
Acq: 17 Oct 2018 13:27

Tgt Ion: 77 Resp: 74245
Ion Ratio Lower Upper
77 100
97 23.2 12.2 36.4





#27

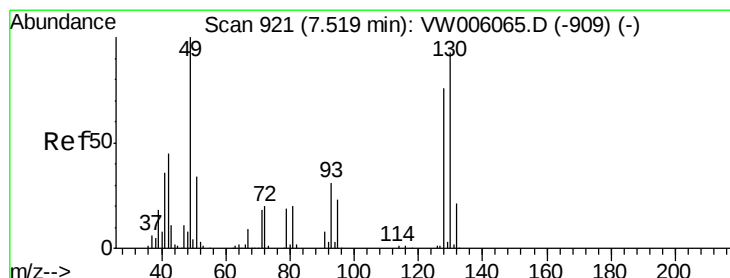
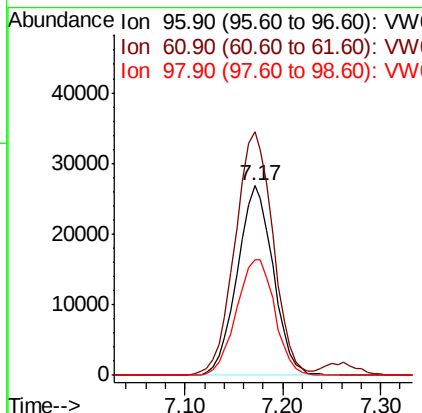
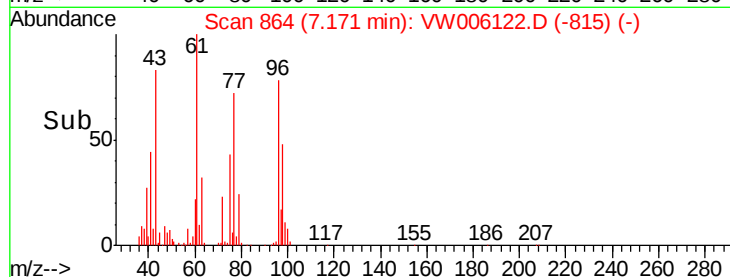
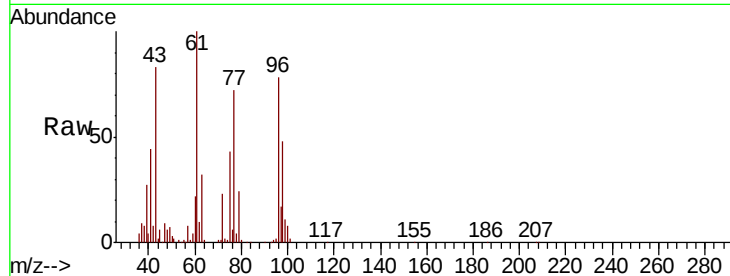
cis-1,2-Dichloroethene
Concen: 20.366 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW006122.D
Acq: 17 Oct 2018 13:27

Instrument :
MSVOA_W
ClientSampleId :
VW1017SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	135.8	0.0	267.2
98	64.9	0.0	128.6

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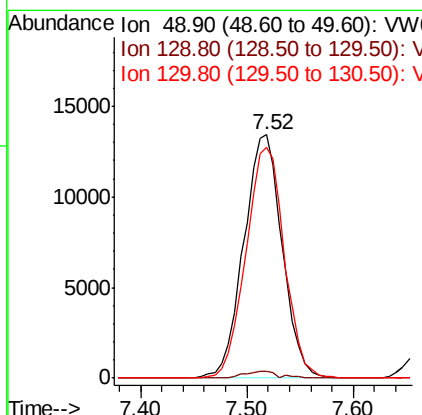
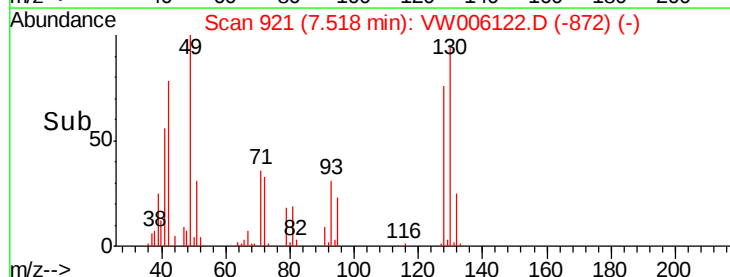
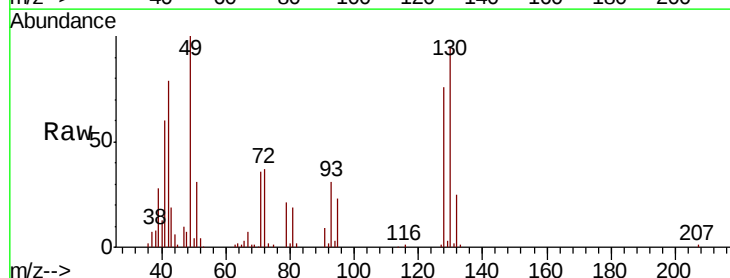
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#28

Bromochloromethane
Concen: 17.638 ug/l
RT: 7.52 min Scan# 921
Delta R.T. -0.00 min
Lab File: VW006122.D
Acq: 17 Oct 2018 13:27

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	5.0
130	94.9	73.8	110.8





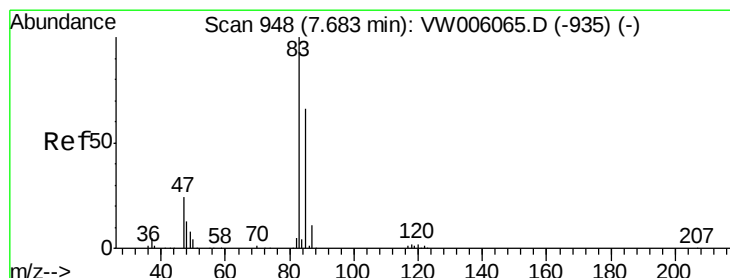
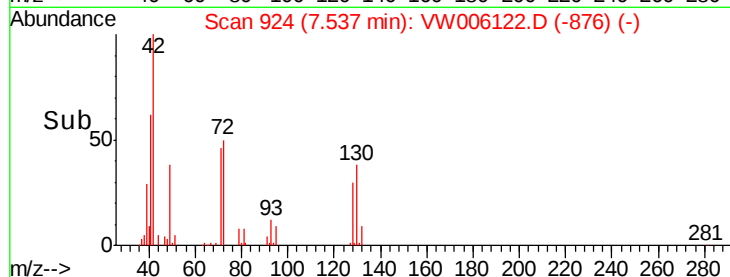
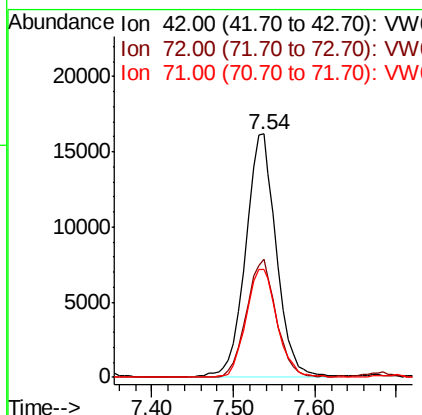
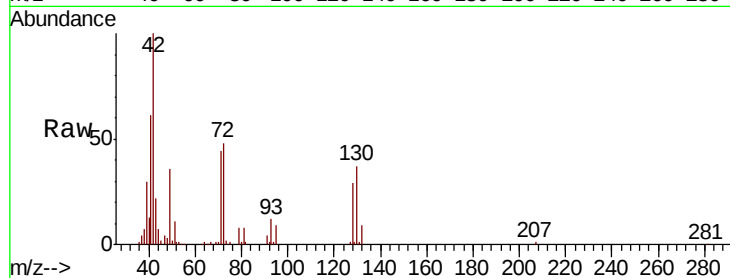
#29
Tetrahydrofuran
Concen: 94.629 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.01 min
Lab File: VW006122.D
Acq: 17 Oct 2018 13:27

Instrument :
MSVOA_W
ClientSampleId :
VW1017SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.7	38.0	57.0
71	44.7	35.3	52.9

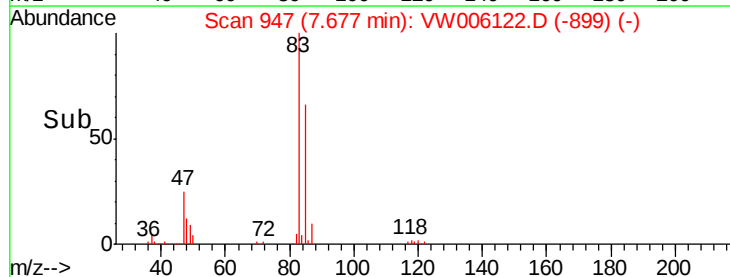
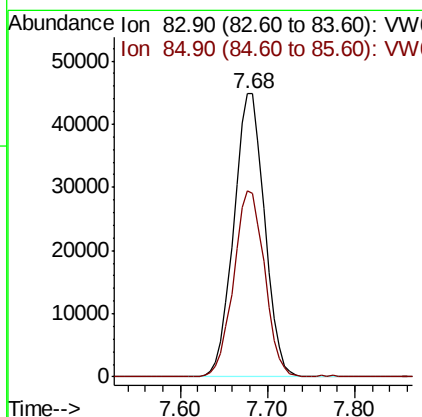
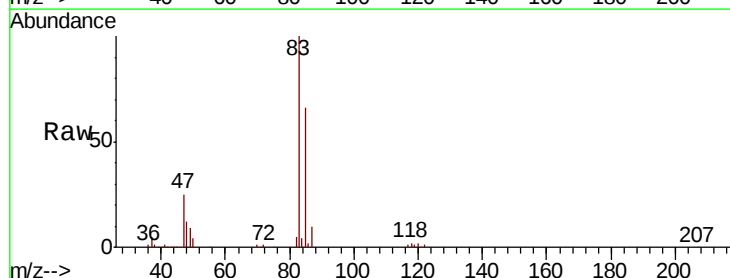
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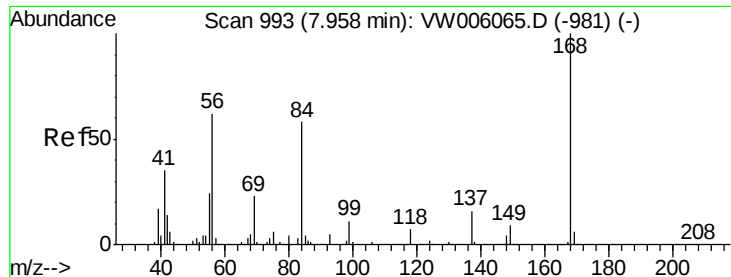
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#30
Chloroform
Concen: 20.189 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.01 min
Lab File: VW006122.D
Acq: 17 Oct 2018 13:27

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.7	52.6	79.0





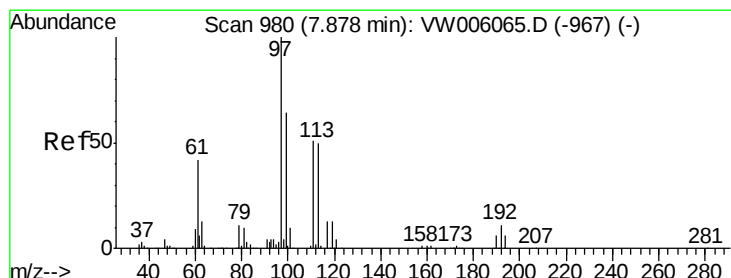
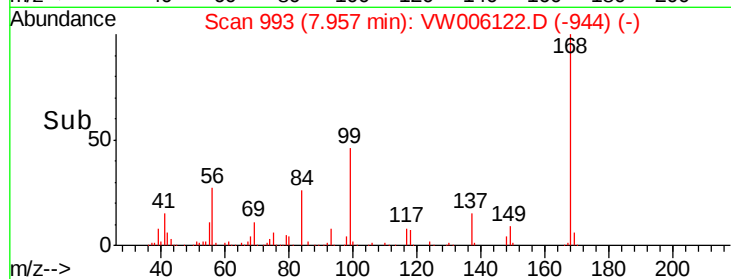
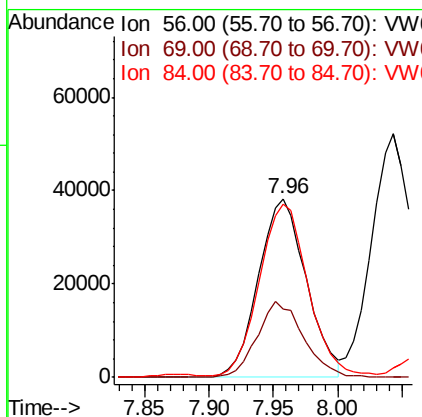
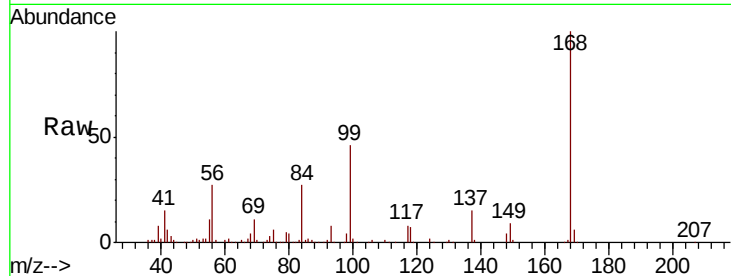
#31
Cyclohexane
Concen: 19.893 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW006122.D
Acq: 17 Oct 2018 13:27

Instrument :
MSVOA_W
ClientSampleId :
VW1017SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	38.2	29.4	44.0
84	95.5	74.0	111.0

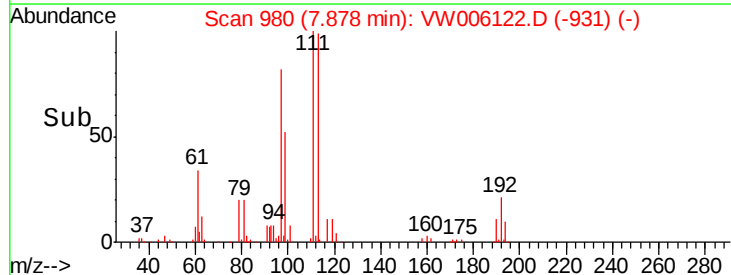
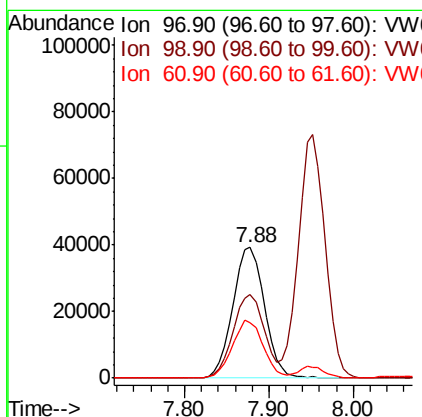
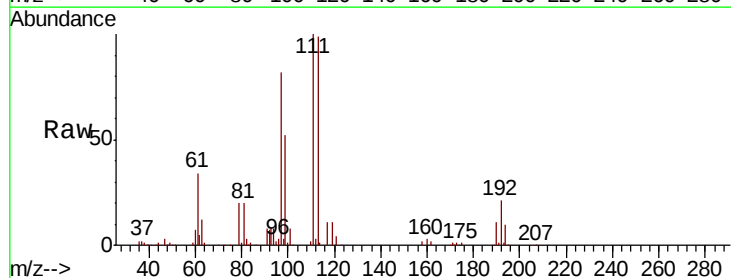
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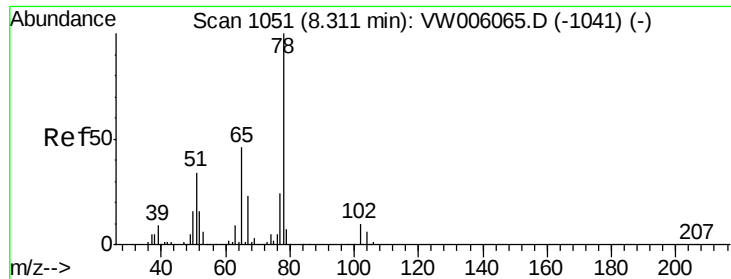
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#32
1,1,1-Trichloroethane
Concen: 20.455 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW006122.D
Acq: 17 Oct 2018 13:27

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.7	50.9	76.3
61	43.0	33.7	50.5





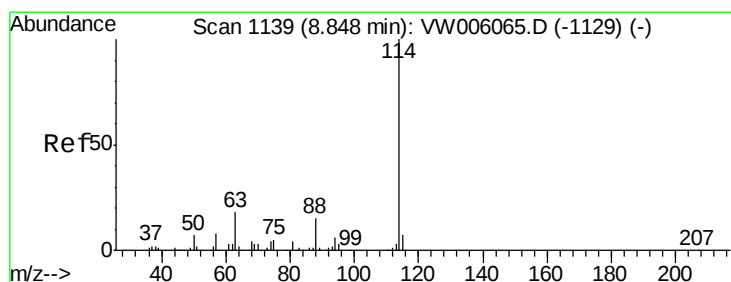
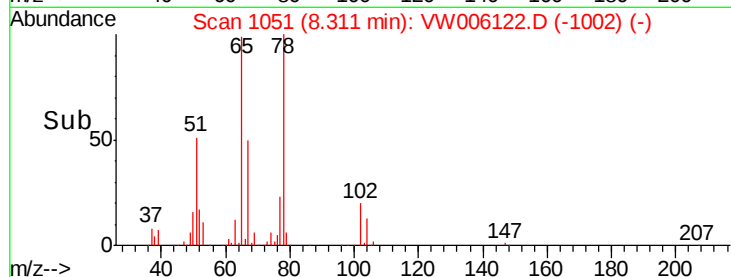
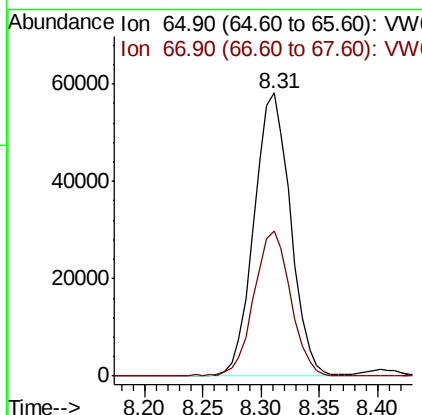
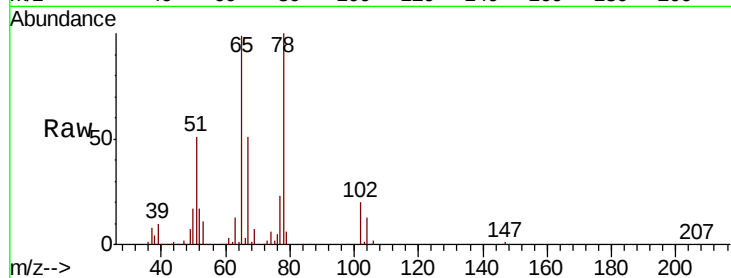
#33
 1,2-Dichloroethane-d4
 Concen: 46.914 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW006122.D
 Acq: 17 Oct 2018 13:27

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1017SBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	101.0

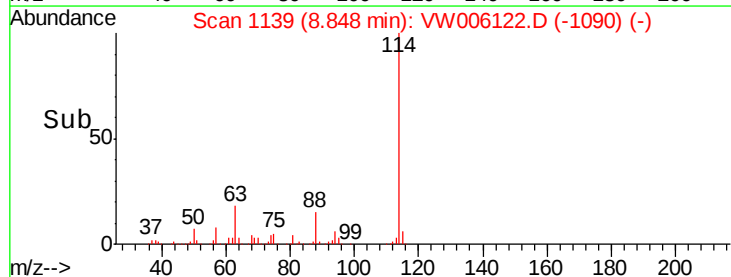
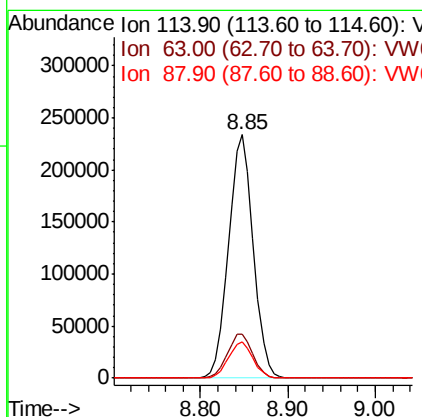
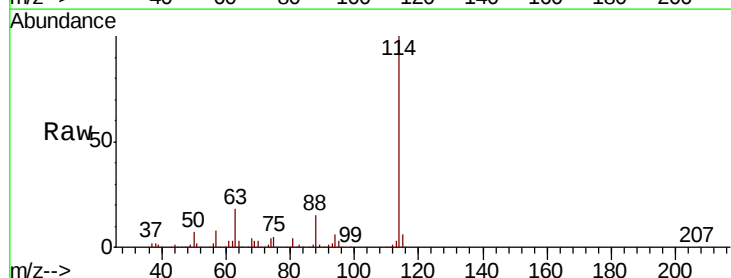
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006122.D
 Acq: 17 Oct 2018 13:27

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.3	0.0	36.8
88	15.0	0.0	29.0





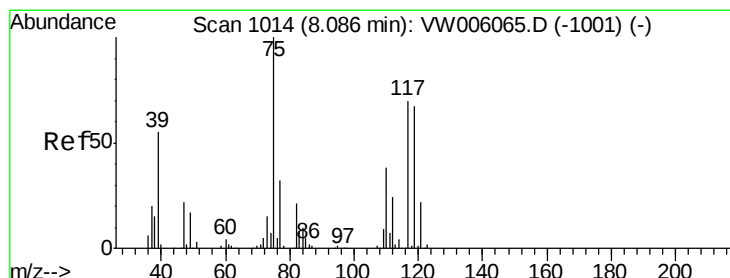
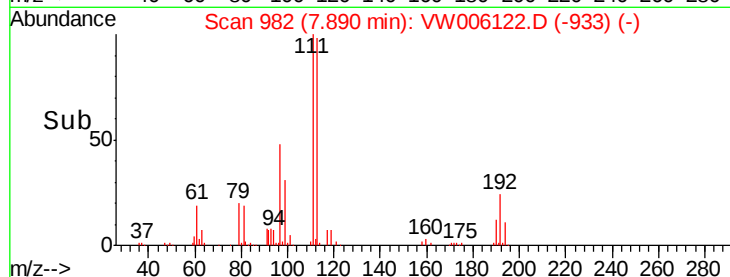
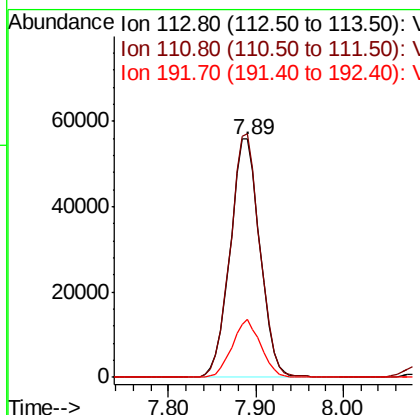
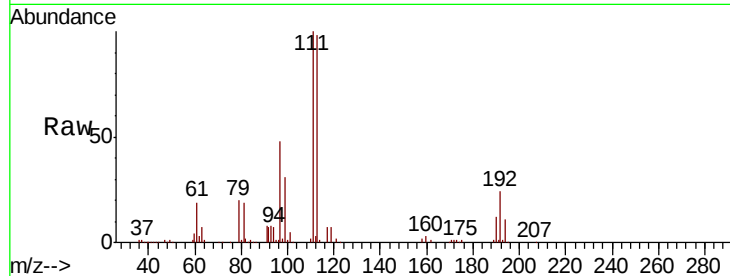
#35
 Dibromofluoromethane
 Concen: 48.916 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW006122.D
 Acq: 17 Oct 2018 13:27

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1017SBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.1	81.4	122.0
192	23.2	18.7	28.1

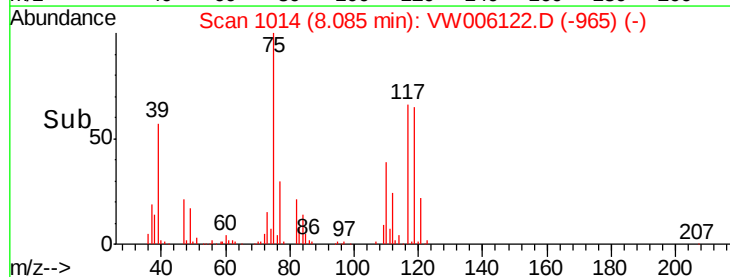
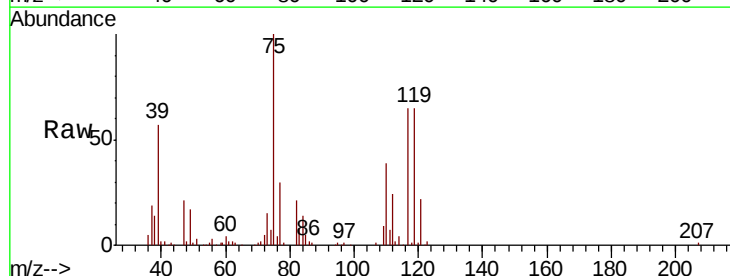
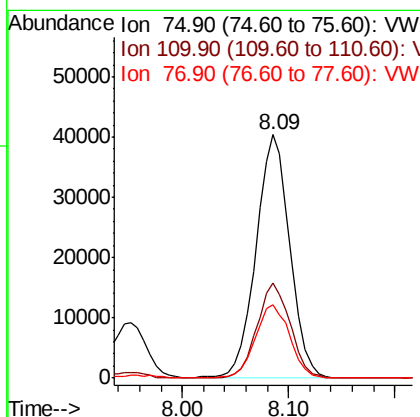
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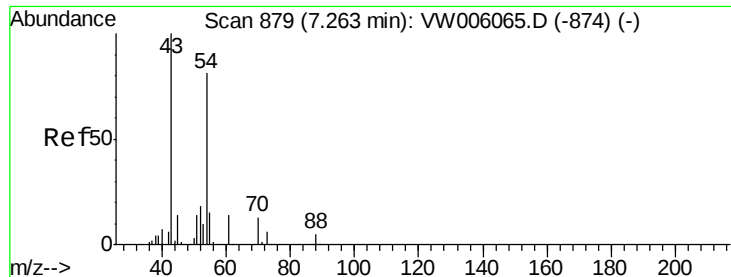
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#36
 1,1-Dichloropropene
 Concen: 21.190 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: VW006122.D
 Acq: 17 Oct 2018 13:27

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.5	19.1	57.1
77	31.0	25.0	37.4





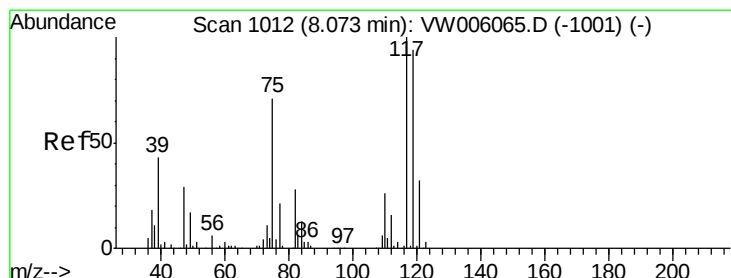
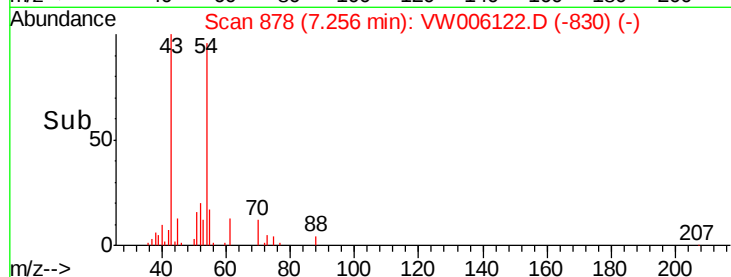
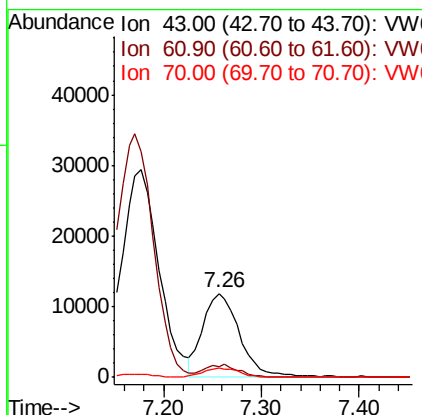
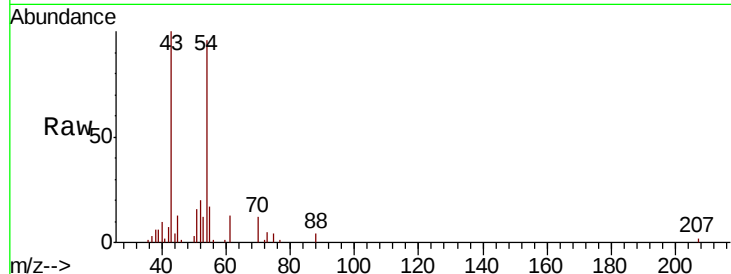
#37
Ethyl Acetate
Concen: 19.546 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.01 min
Lab File: VW006122.D
Acq: 17 Oct 2018 13:27

Instrument :
MSVOA_W
ClientSampleId :
VW1017SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.2	11.5	17.3
70	11.5	9.2	13.8

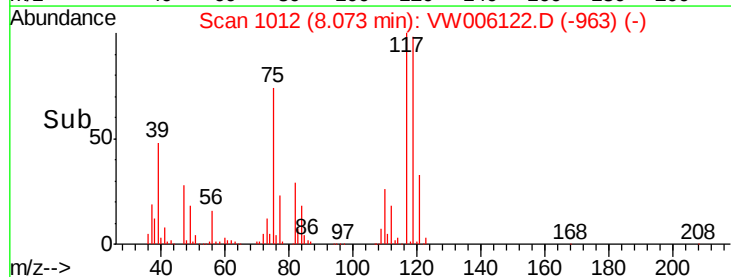
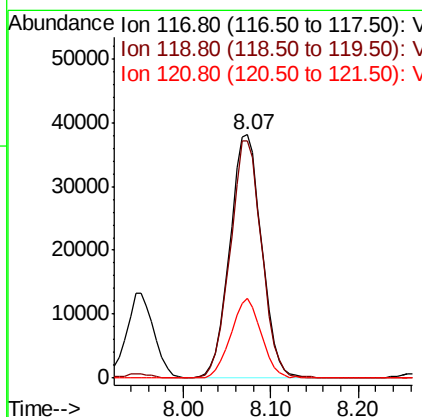
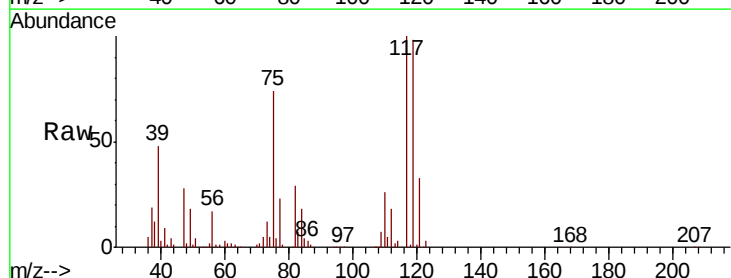
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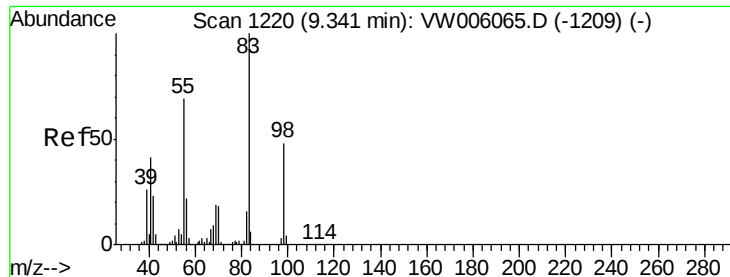
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#38
Carbon Tetrachloride
Concen: 20.911 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW006122.D
Acq: 17 Oct 2018 13:27

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.6	75.2	112.8
121	32.8	25.3	37.9





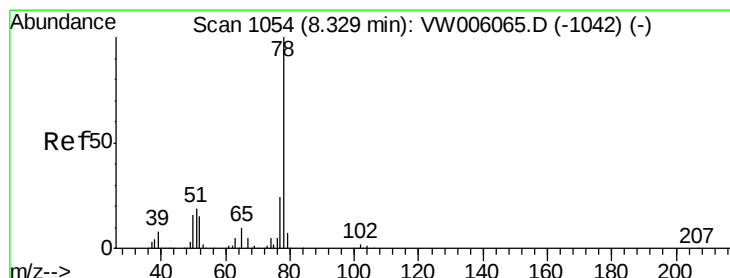
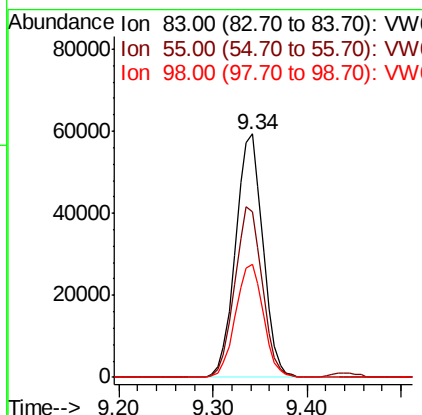
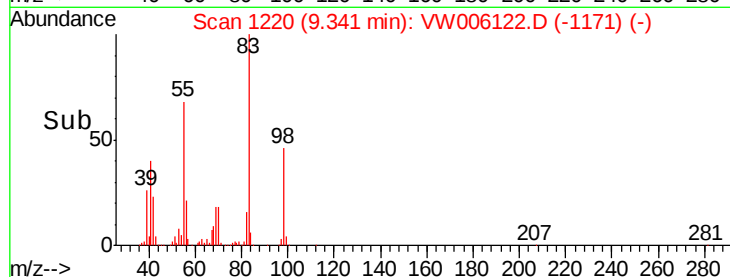
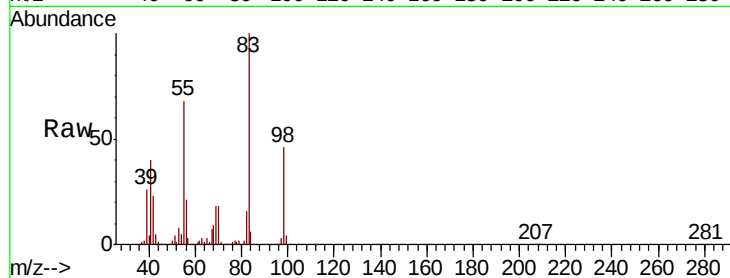
#39
Methvlcvclohexane
Concen: 21.428 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW006122.D
Acq: 17 Oct 2018 13:27

Instrument :
MSVOA_W
ClientSampleId :
VW1017SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	67.9	55.0	82.6
98	46.3	38.6	57.8

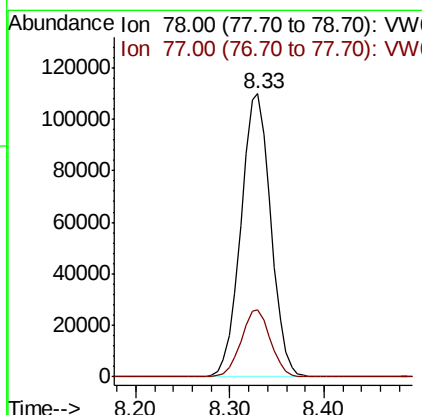
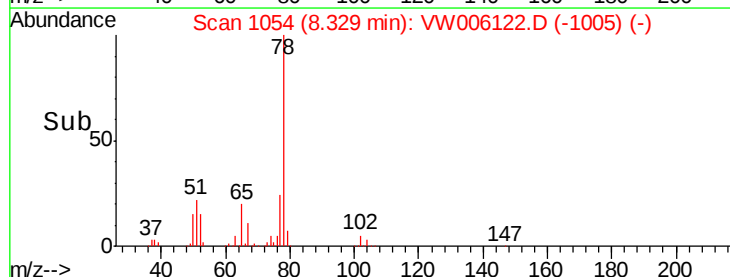
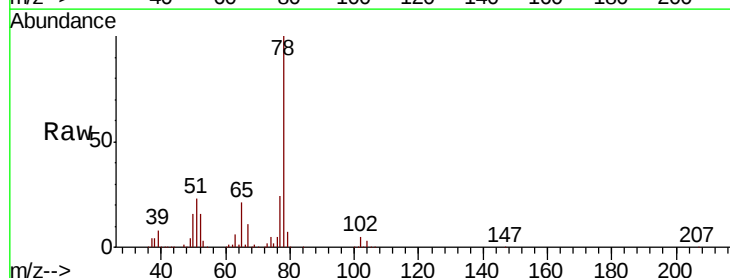
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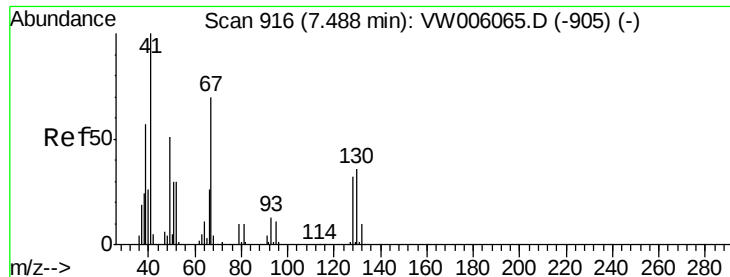
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#40
Benzene
Concen: 21.025 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW006122.D
Acq: 17 Oct 2018 13:27

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.4	29.0





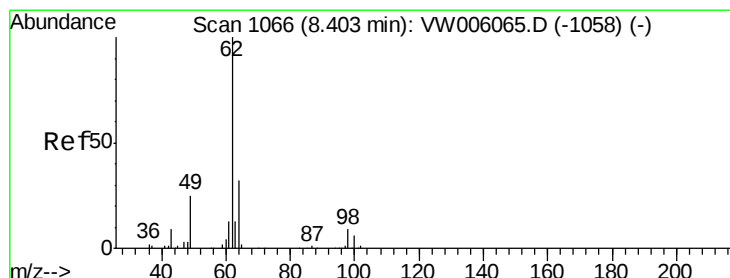
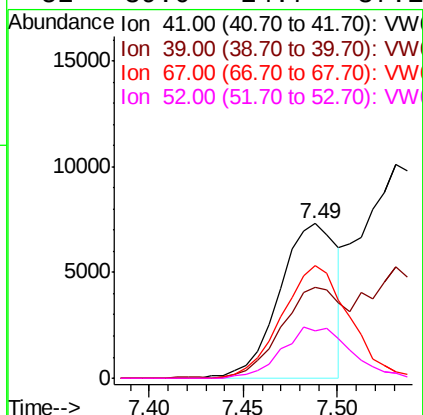
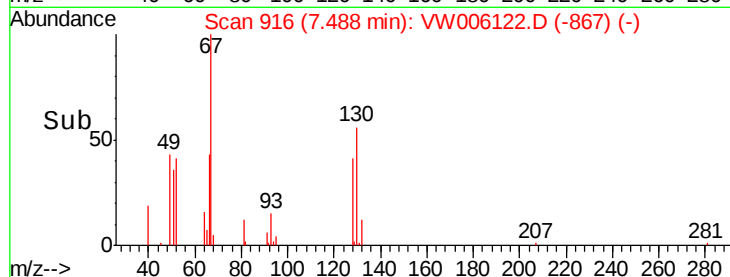
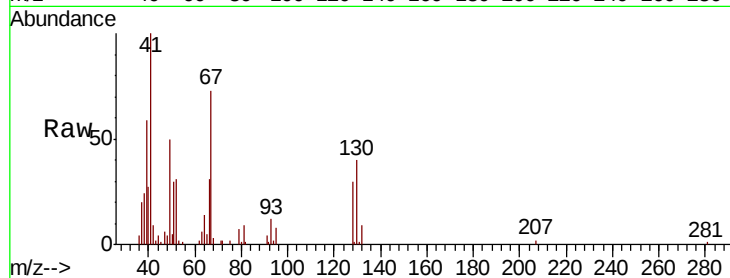
#41
Methacrylonitrile
Concen: 16.500 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW006122.D
Acq: 17 Oct 2018 13:27

Instrument :
MSVOA_W
ClientSampleId :
VW1017SBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	64.9	46.2	69.4	
67	85.2	57.7	86.5	
52	39.0	24.7	37.1	#

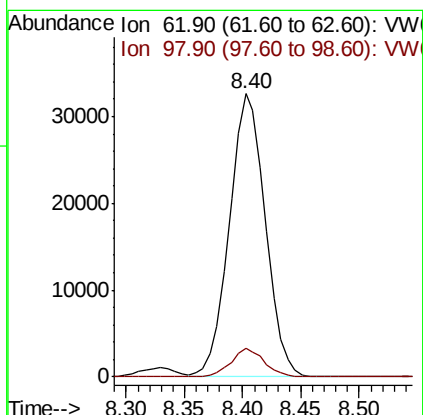
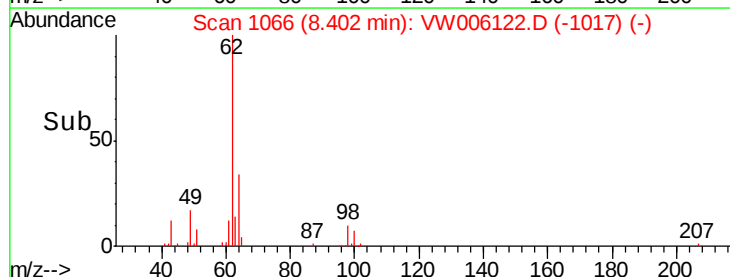
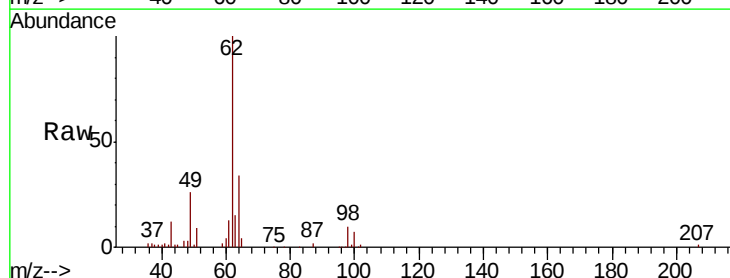
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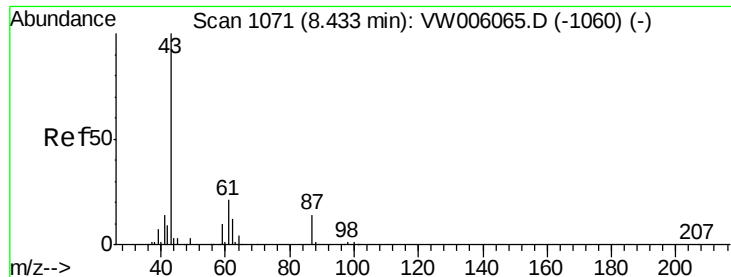
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#42
1,2-Dichloroethane
Concen: 20.610 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW006122.D
Acq: 17 Oct 2018 13:27

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.3	0.0	18.4	





#43

Isopropyl Acetate

Concen: 19.134 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.01 min

Lab File: VW006122.D

Acq: 17 Oct 2018 13:27

Instrument :

MSVOA_W

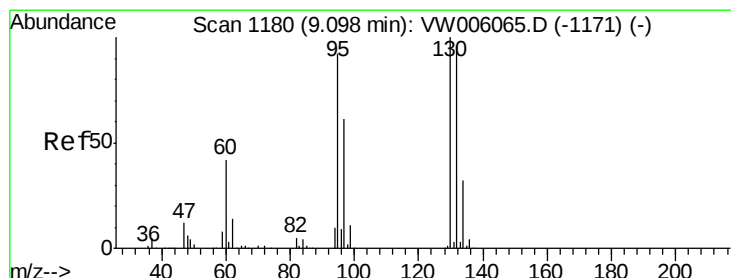
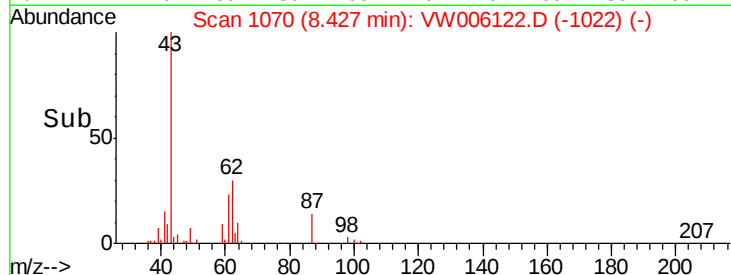
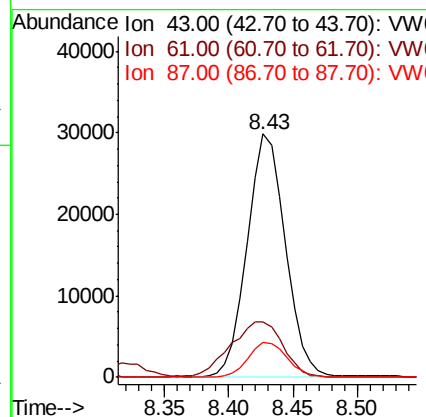
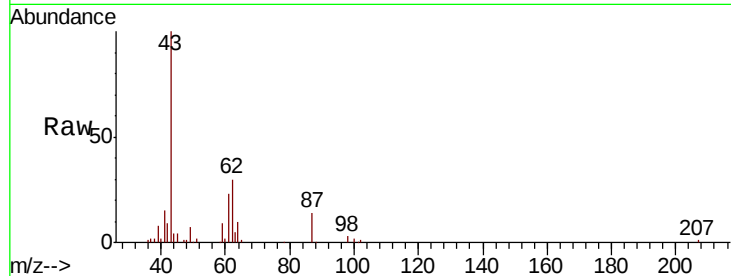
ClientSampleId :

VW1017SBS01

Tot Ion:	43	Resp:	61261
Ion	Ratio	Lower	Upper
43	100		
61	31.8	25.5	38.3
87	14.8	11.7	17.5

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#44

Trichloroethene

Concen: 21.145 ug/l

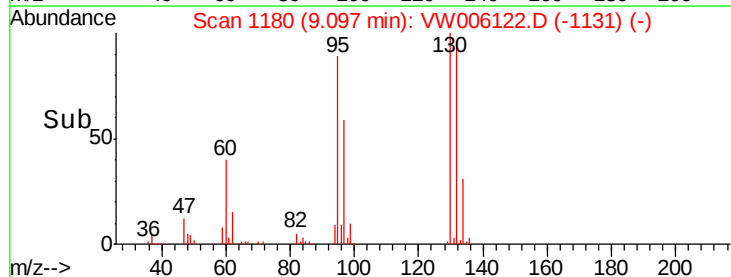
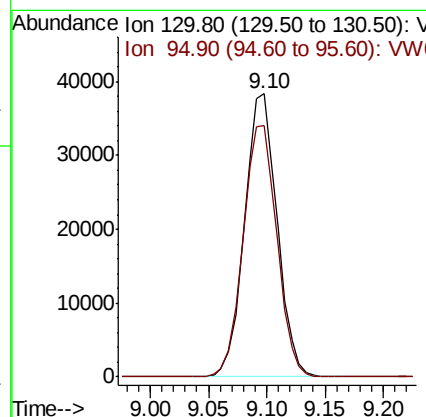
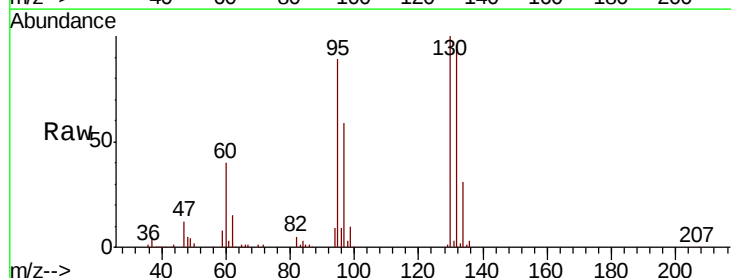
RT: 9.10 min Scan# 1180

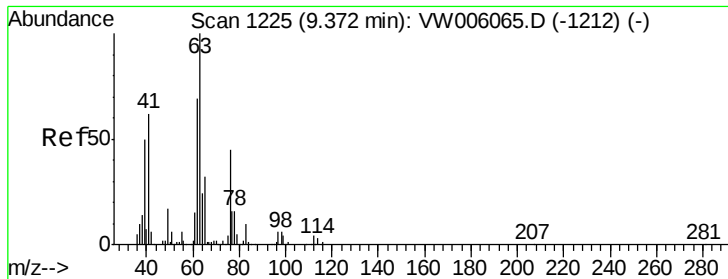
Delta R.T. -0.00 min

Lab File: VW006122.D

Acq: 17 Oct 2018 13:27

Tgt Ion:	130	Resp:	74999
Ion	Ratio	Lower	Upper
130	100		
95	88.6	0.0	183.2





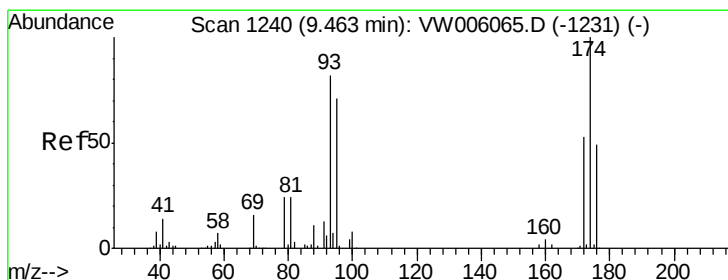
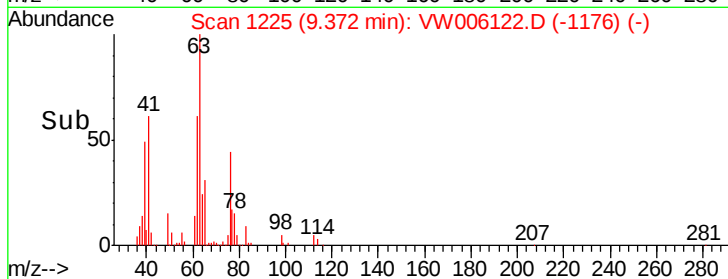
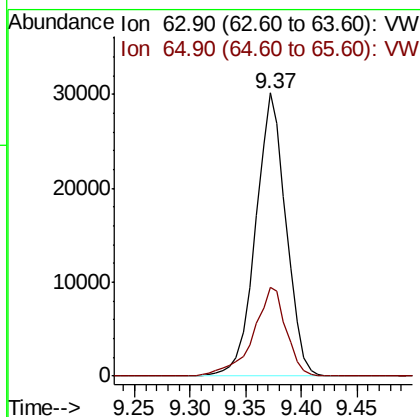
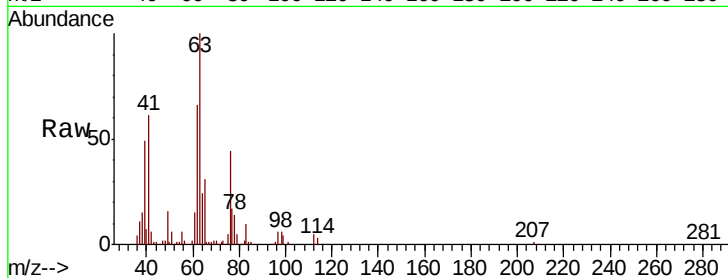
#45
 1,2-Dichloropropane
 Concen: 20.700 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW006122.D
 Acq: 17 Oct 2018 13:27

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1017SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.2	25.4	38.0

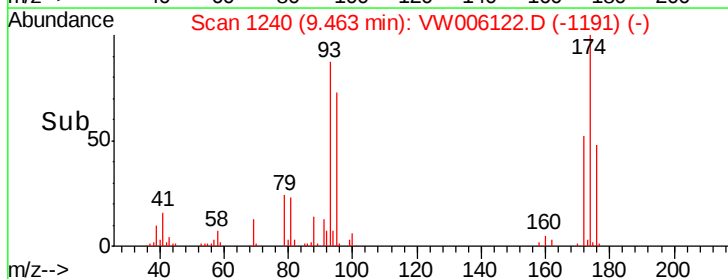
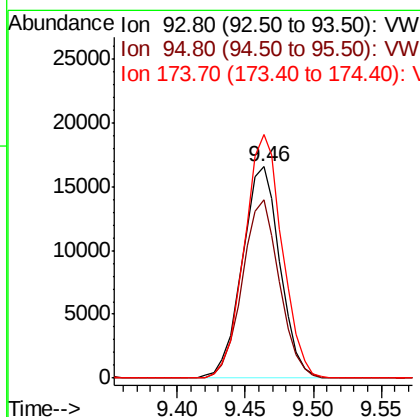
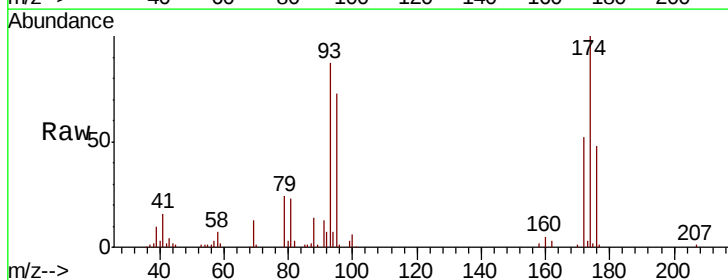
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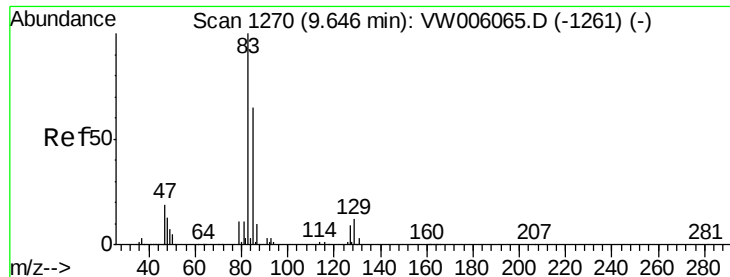
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#46
 Dibromomethane
 Concen: 20.374 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW006122.D
 Acq: 17 Oct 2018 13:27

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.3	67.7	101.5
174	115.7	93.7	140.5





#47

Bromodichloromethane

Concen: 20.222 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW006122.D

Acq: 17 Oct 2018 13:27

Instrument :

MSVOA_W

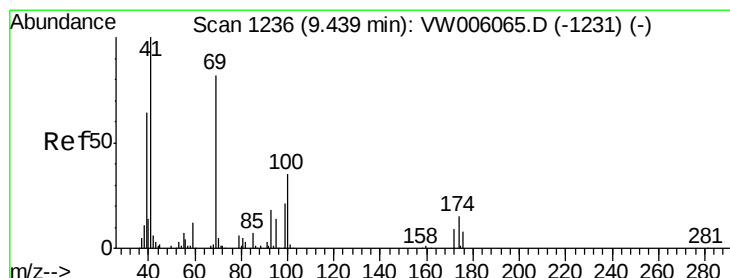
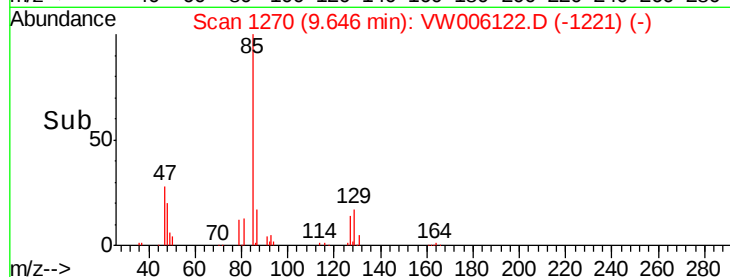
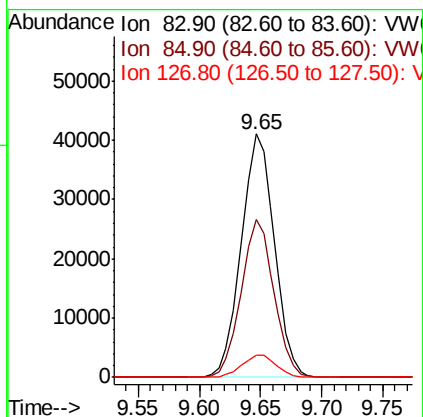
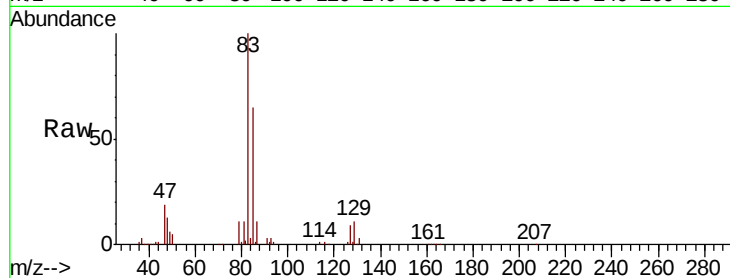
ClientSampleId :

VW1017SBS01

Tot Ion:	83	Resp:	77303
Ion Ratio	Lower	Upper	
83	100		
85	65.1	51.8	77.8
127	9.2	6.9	10.3

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#48

Methyl methacrylate

Concen: 19.504 ug/l

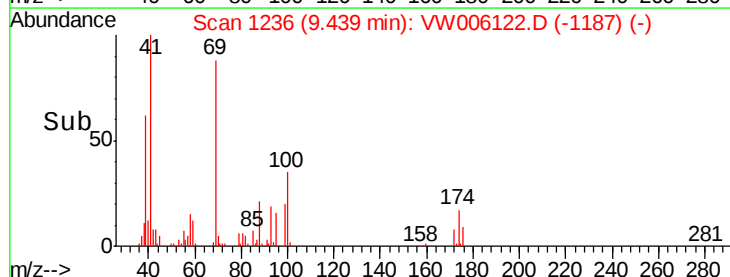
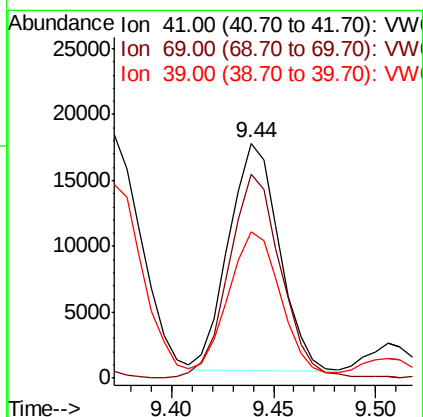
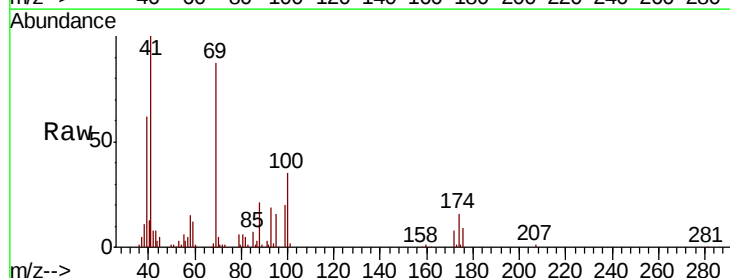
RT: 9.44 min Scan# 1236

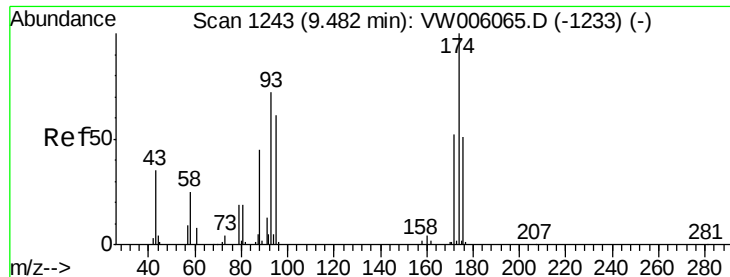
Delta R.T. -0.00 min

Lab File: VW006122.D

Acq: 17 Oct 2018 13:27

Tgt Ion:	41	Resp:	29599
Ion Ratio	Lower	Upper	
41	100		
69	93.0	71.8	107.8
39	62.7	52.5	78.7





#49

1,4-Dioxane

Concen: 418.035 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. -0.03 min

Lab File: VW006122.D

Acq: 17 Oct 2018 13:27

Instrument :

MSVOA_W

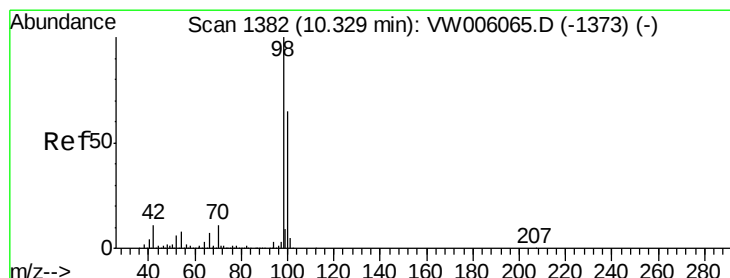
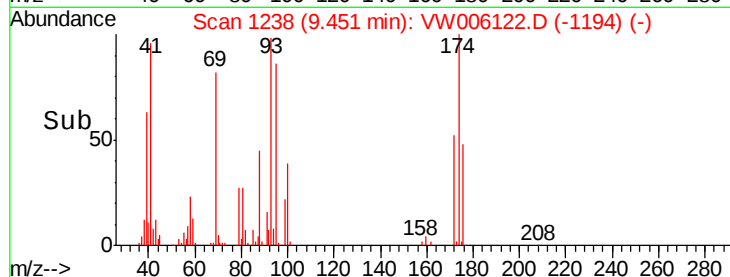
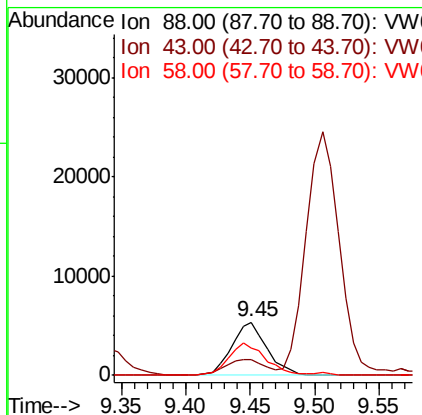
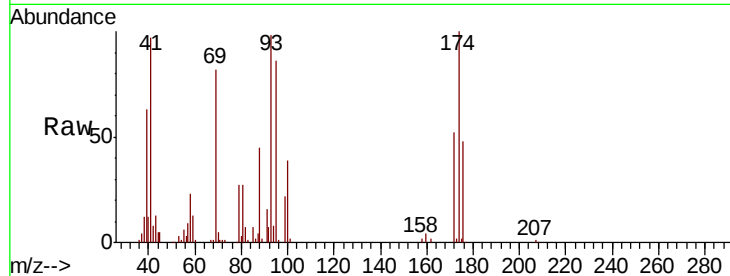
ClientSampleId :

VW1017SBS01

Tot Ion	88	Resp	10147
Ion	Ratio	Lower	Upper
88	100		
43	32.2	0.0	0.0#
58	64.3	51.2	76.8

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#50

Toluene-d8

Concen: 49.219 ug/l

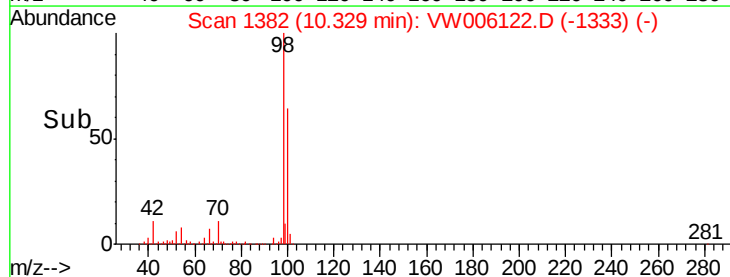
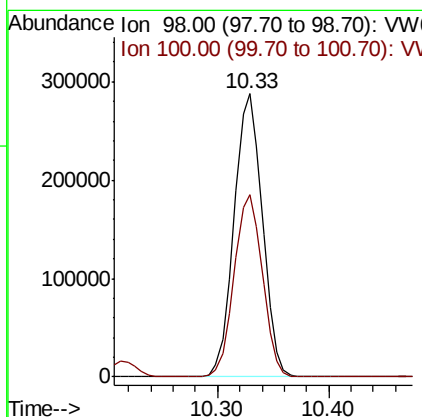
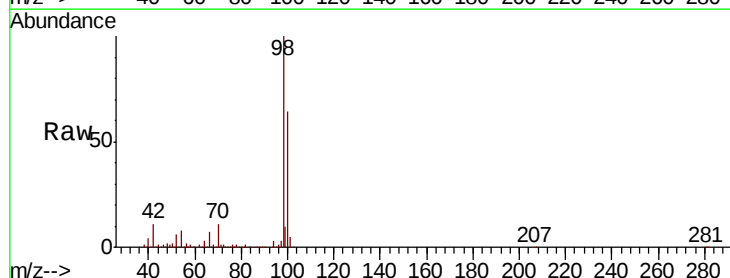
RT: 10.33 min Scan# 1382

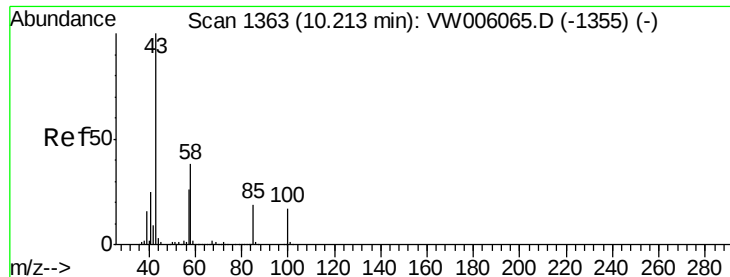
Delta R.T. -0.00 min

Lab File: VW006122.D

Acq: 17 Oct 2018 13:27

Tgt Ion	98	Resp	505928
Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 96.775 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW006122.D

Acq: 17 Oct 2018 13:27

Instrument :

MSVOA_W

ClientSampleId :

VW1017SBS01

Tot Ion: 43 Resp: 155239

Ion Ratio Lower Upper

43 100

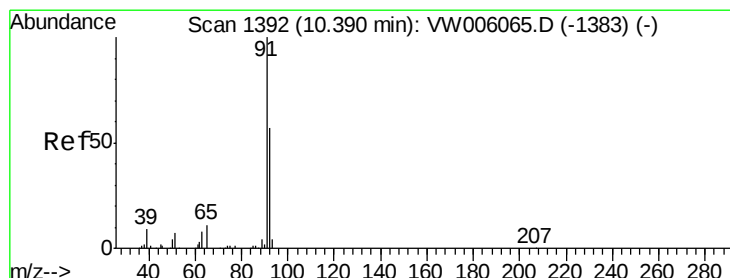
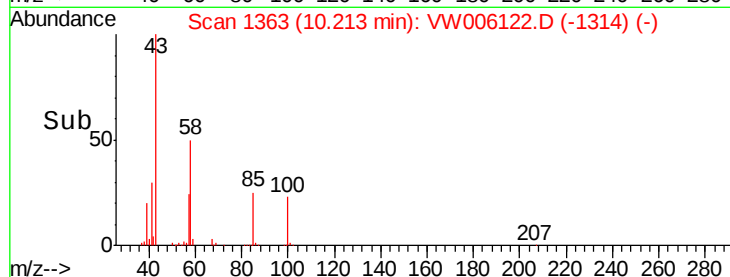
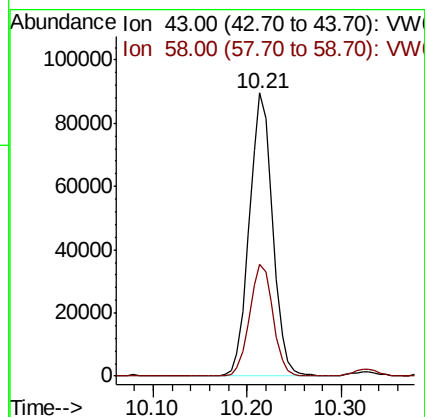
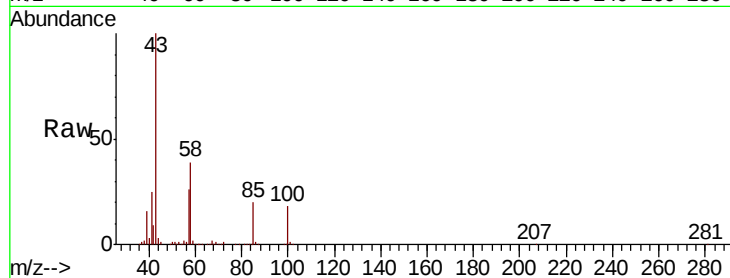
58 39.8 31.5 47.3

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#52

Toluene

Concen: 21.228 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW006122.D

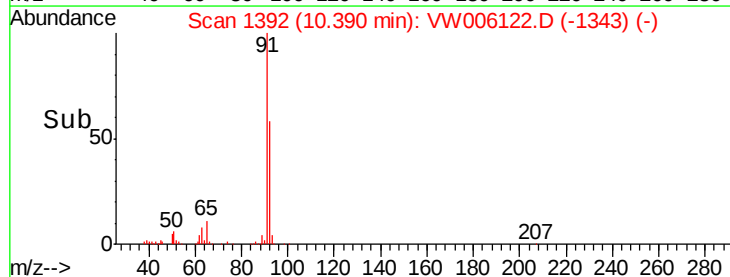
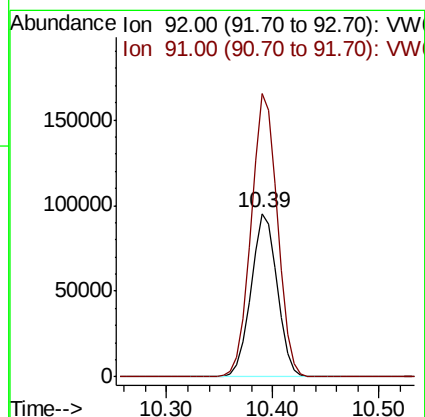
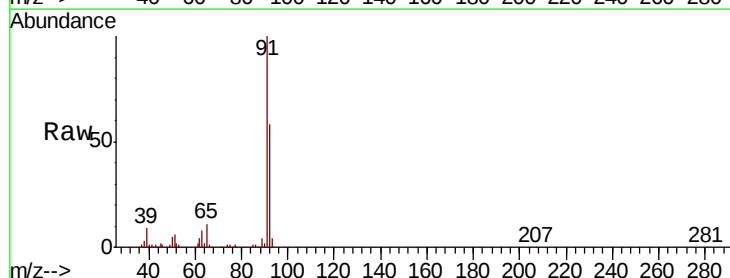
Acq: 17 Oct 2018 13:27

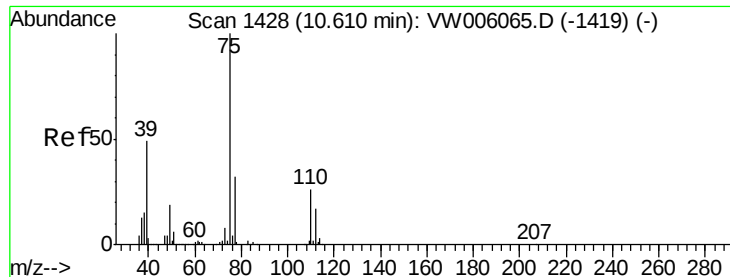
Tgt Ion: 92 Resp: 164532

Ion Ratio Lower Upper

92 100

91 174.1 140.0 210.0





#53

t-1,3-Dichloropropene

Concen: 19.562 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW006122.D

Acq: 17 Oct 2018 13:27

Instrument :

MSVOA_W

ClientSampled :

VW1017SBS01

Tot Ion: 75 Resp: 74504

Ion Ratio Lower Upper

75 100

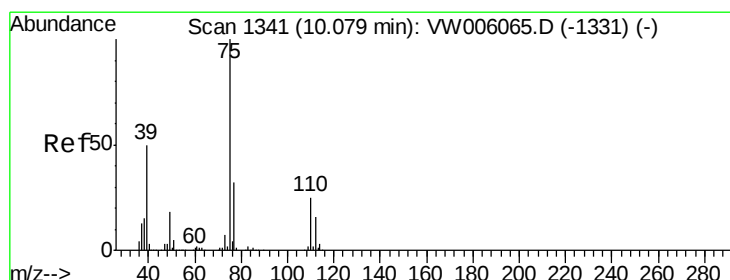
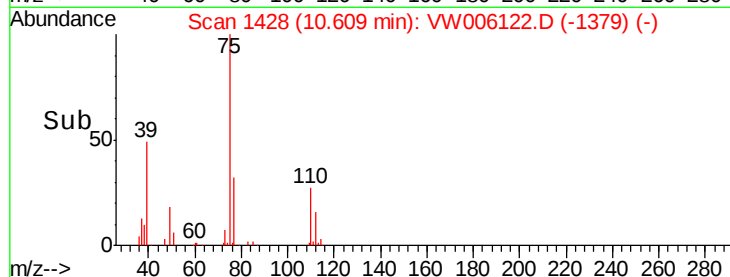
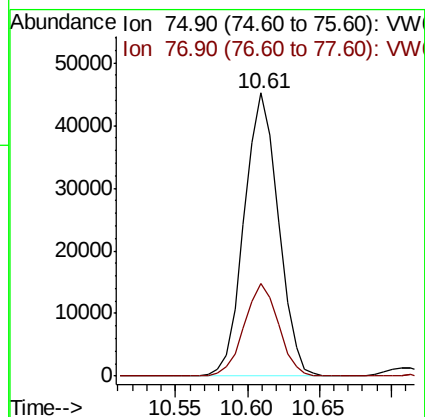
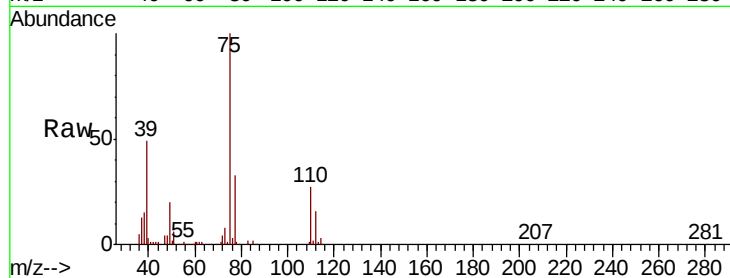
77 32.7 25.4 38.2

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#54

cis-1,3-Dichloropropene

Concen: 20.206 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. -0.00 min

Lab File: VW006122.D

Acq: 17 Oct 2018 13:27

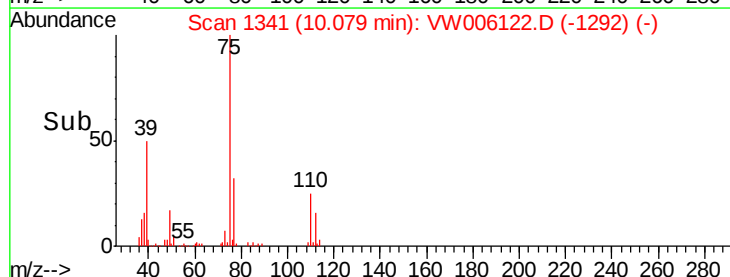
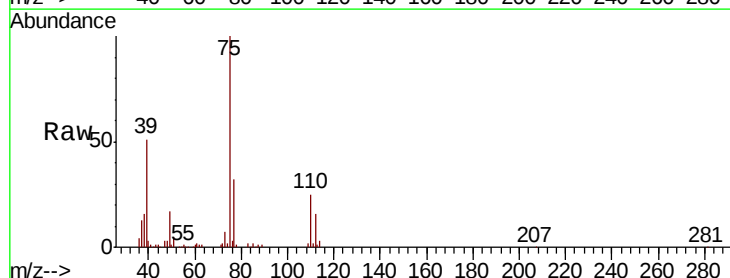
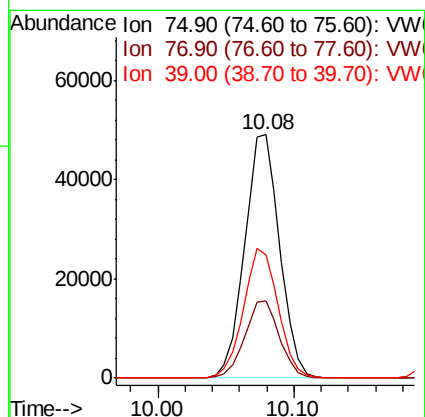
Tgt Ion: 75 Resp: 88322

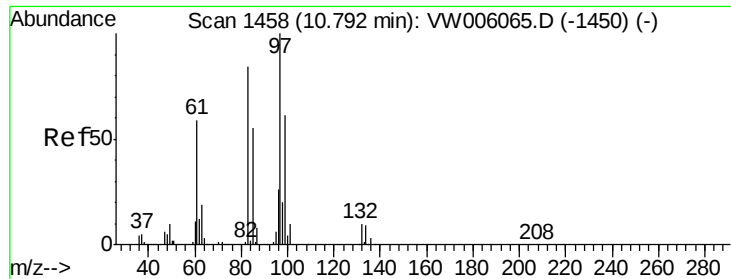
Ion Ratio Lower Upper

75 100

77 31.6 25.2 37.8

39 50.6 39.9 59.9





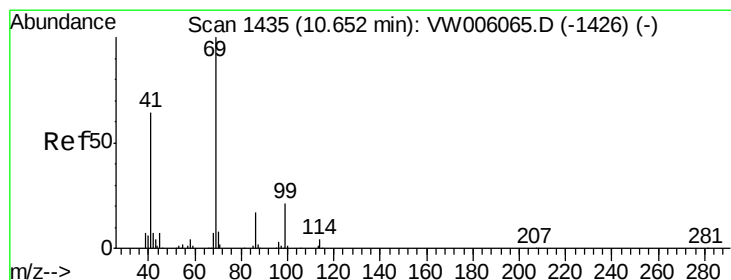
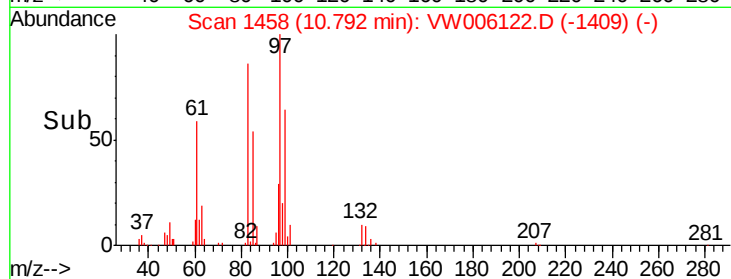
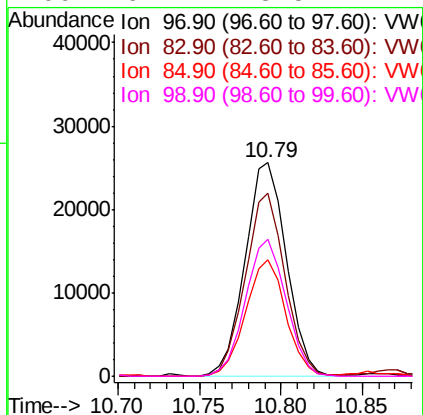
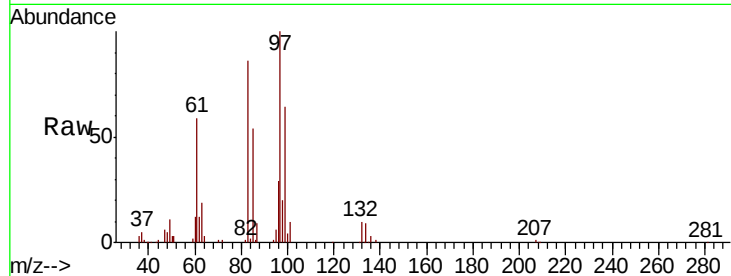
#55
 1,1,2-Trichloroethane
 Concen: 20.440 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW006122.D
 Acq: 17 Oct 2018 13:27

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1017SBS01

Tot Ion:	97	Resp:	45100
Ion	Ratio	Lower	Upper
97	100		
83	85.6	67.2	100.8
85	54.4	43.7	65.5
99	64.1	48.5	72.7

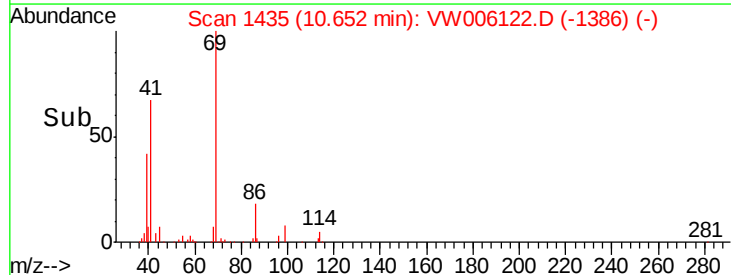
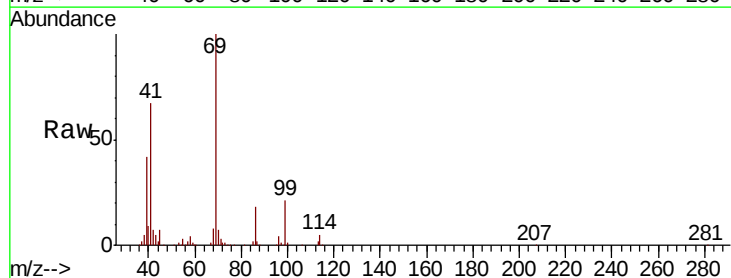
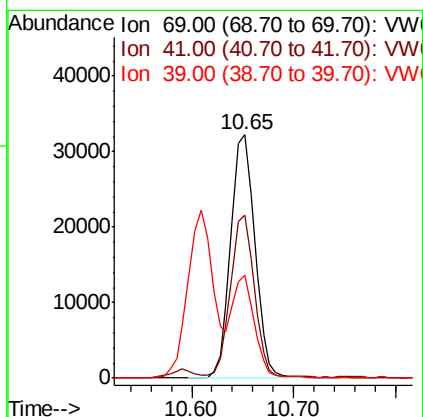
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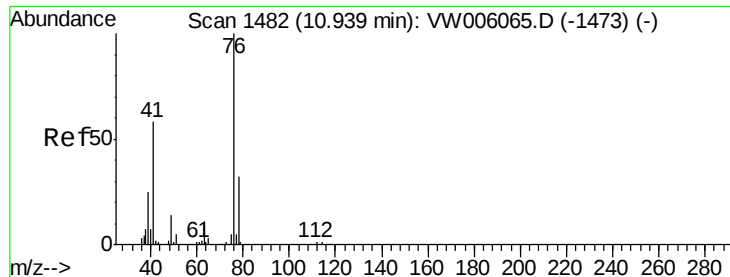
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#56
 Ethyl methacrylate
 Concen: 19.673 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: VW006122.D
 Acq: 17 Oct 2018 13:27

Tgt Ion:	69	Resp:	53215
Ion	Ratio	Lower	Upper
69	100		
41	65.8	52.8	79.2
39	37.0	30.6	45.8





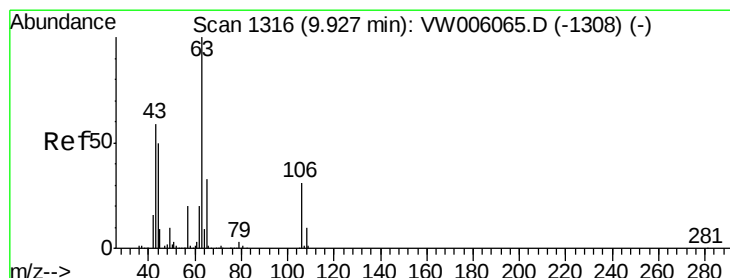
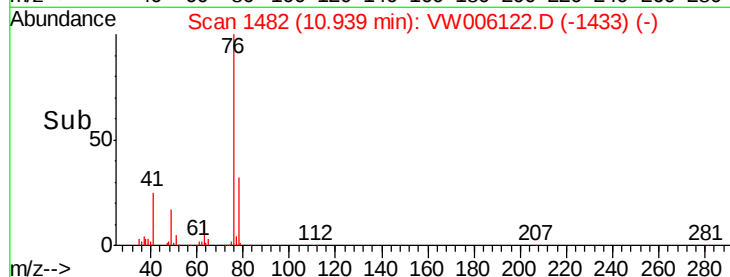
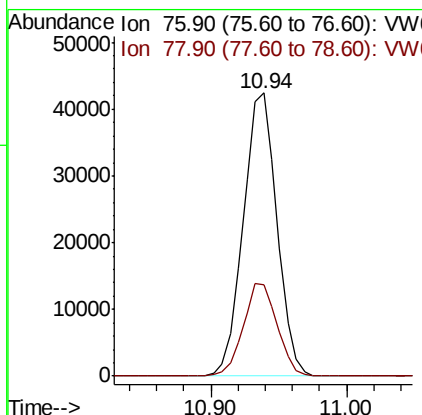
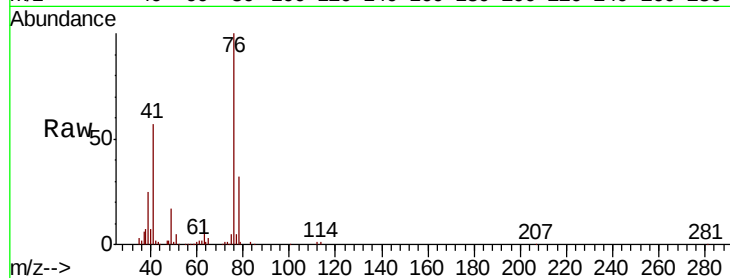
#57
 1,3-Dichloropropane
 Concen: 20.114 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: VW006122.D
 Acq: 17 Oct 2018 13:27

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1017SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.8	25.9	38.9

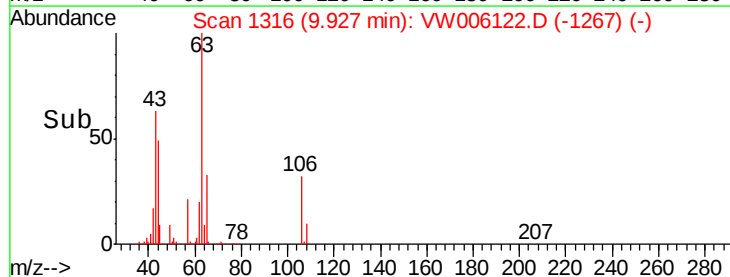
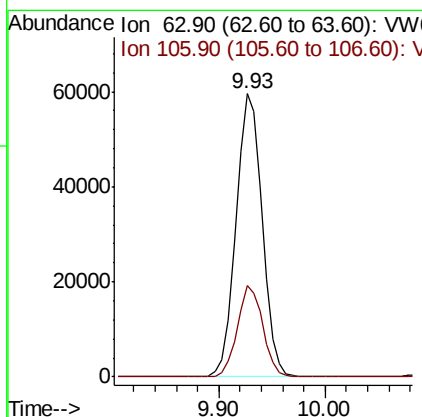
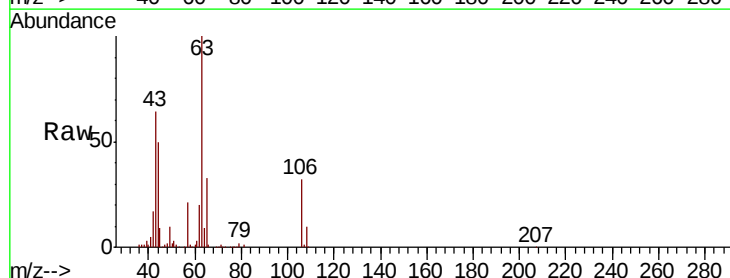
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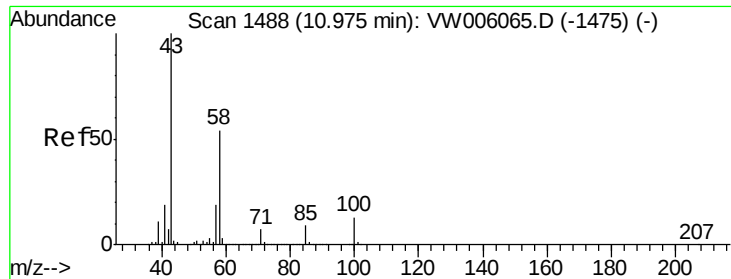
apatel
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#58
 2-Chloroethyl Vinyl ether
 Concen: 99.399 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW006122.D
 Acq: 17 Oct 2018 13:27

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.1	24.5	36.7





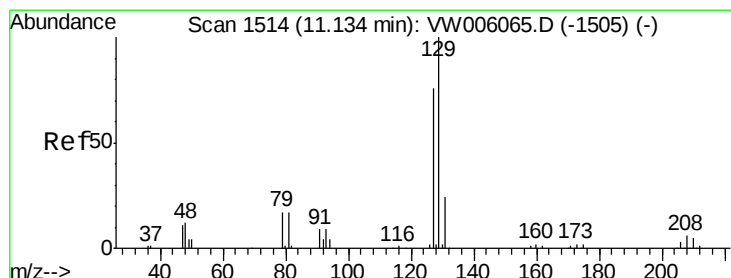
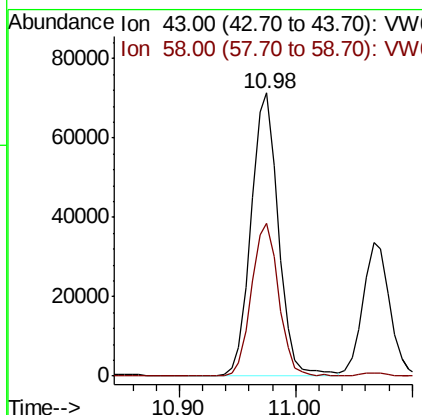
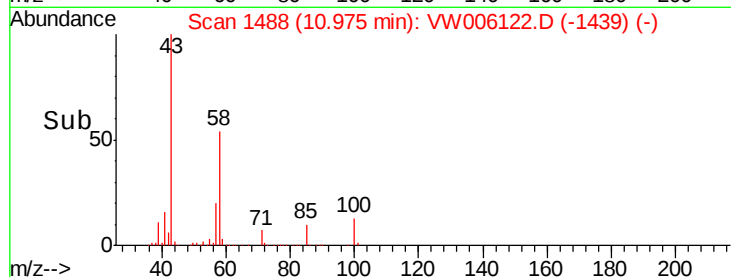
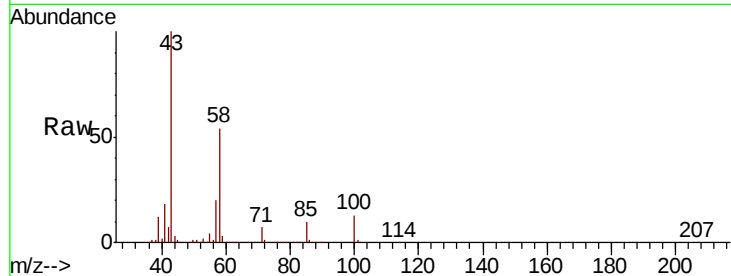
#59
2-Hexanone
Concen: 102.777 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW006122.D
Acq: 17 Oct 2018 13:27

Instrument :
MSVOA_W
ClientSampleId :
VW1017SBS01

Tot Ion: 43 Resp: 117689
Ion Ratio Lower Upper
43 100
58 53.4 26.9 80.6

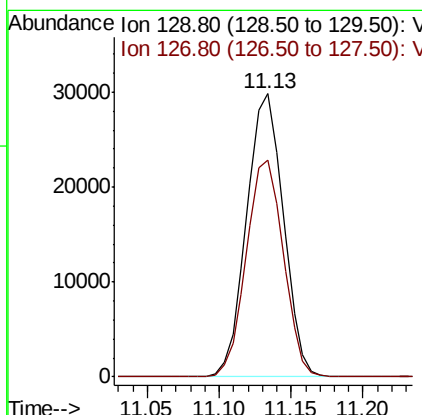
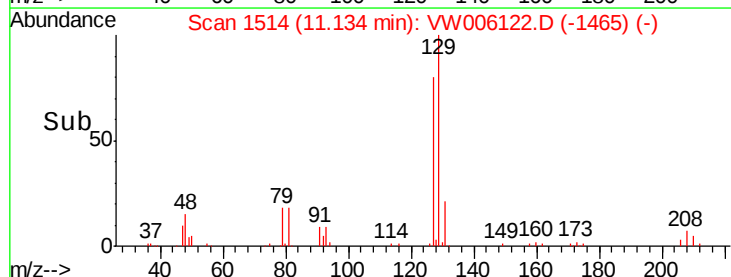
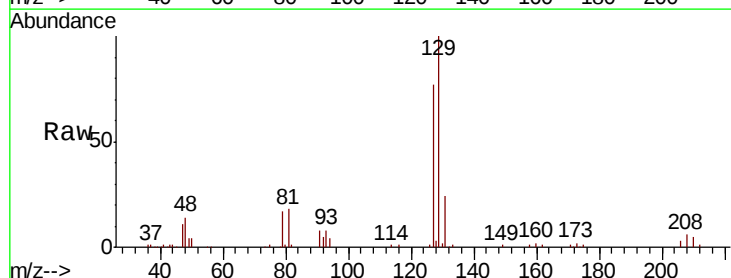
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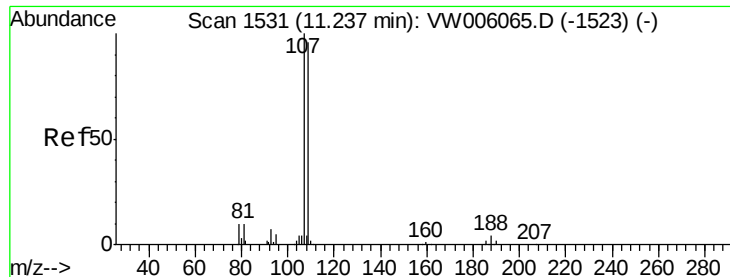
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#60
Dibromochloromethane
Concen: 19.238 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW006122.D
Acq: 17 Oct 2018 13:27

Tgt Ion: 129 Resp: 52873
Ion Ratio Lower Upper
129 100
127 77.1 38.6 115.7





#61

1,2-Dibromoethane

Concen: 19.913 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW006122.D

Acq: 17 Oct 2018 13:27

Instrument :

MSVOA_W

ClientSampleId :

VW1017SBS01

Tot Ion: 107 Resp: 43901

Ion Ratio Lower Upper

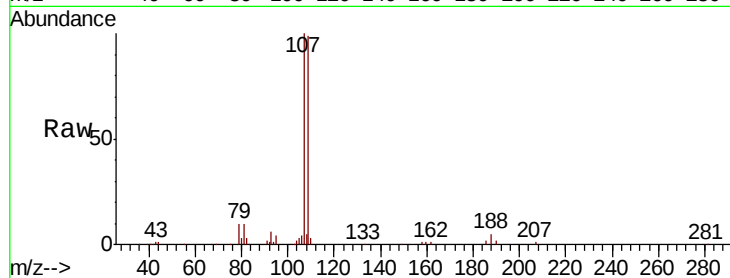
107 100

109 95.8 76.3 114.5

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.24

25000

20000

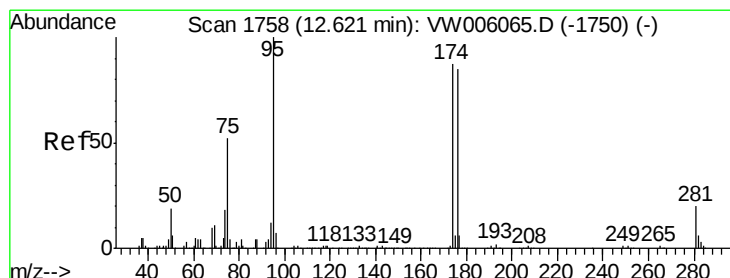
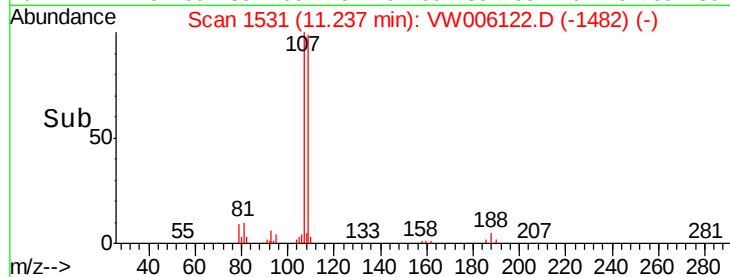
15000

10000

5000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.025 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006122.D

Acq: 17 Oct 2018 13:27

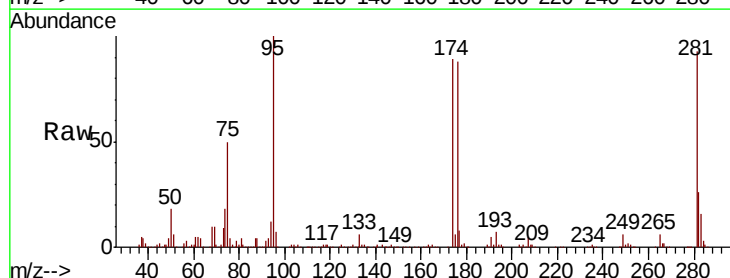
Tgt Ion: 95 Resp: 189271

Ion Ratio Lower Upper

95 100

174 93.9 0.0 186.0

176 91.6 0.0 181.6



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.62

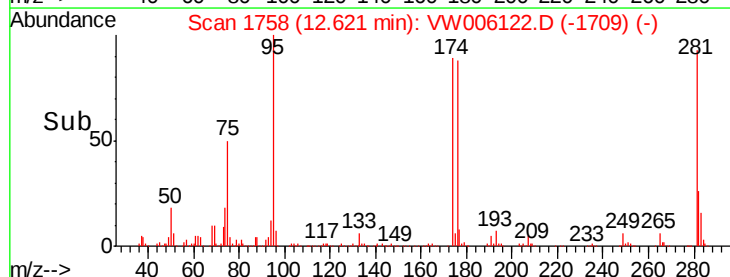
150000

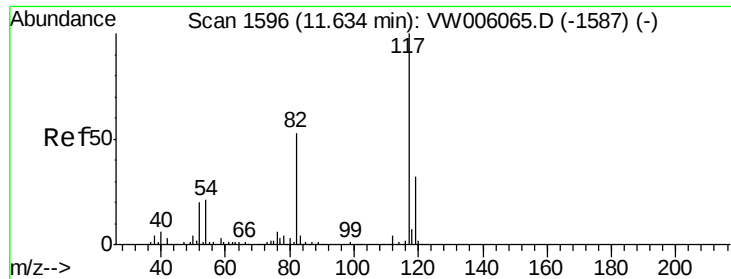
100000

50000

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Time-->





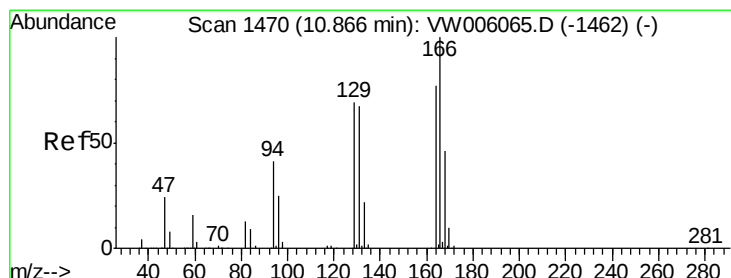
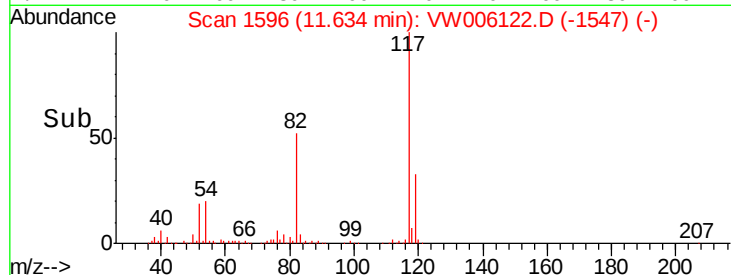
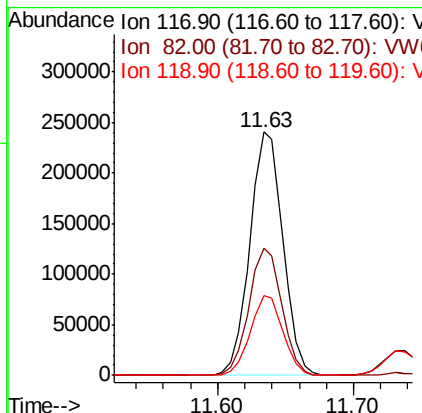
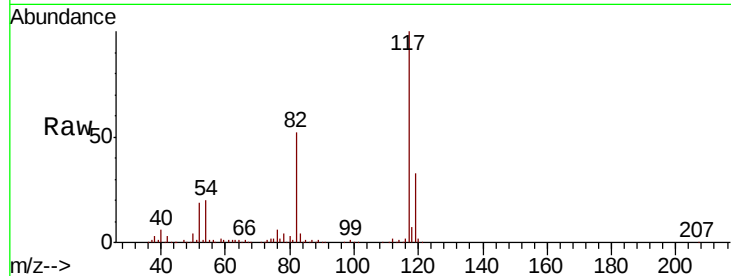
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006122.D
Acq: 17 Oct 2018 13:27

Instrument :
MSVOA_W
ClientSampleId :
VW1017SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.3	42.1	63.1
119	32.6	25.8	38.6

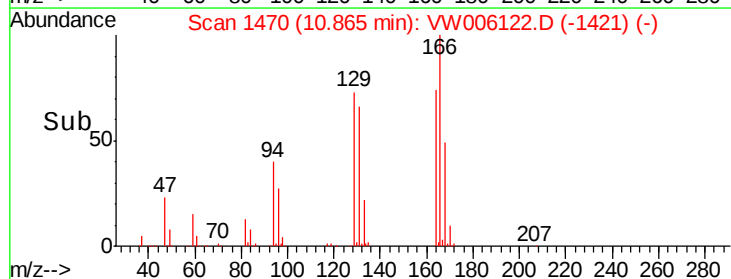
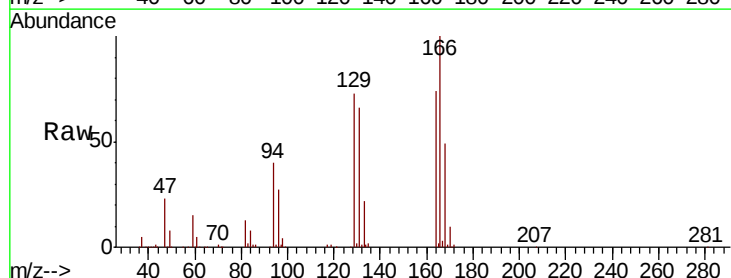
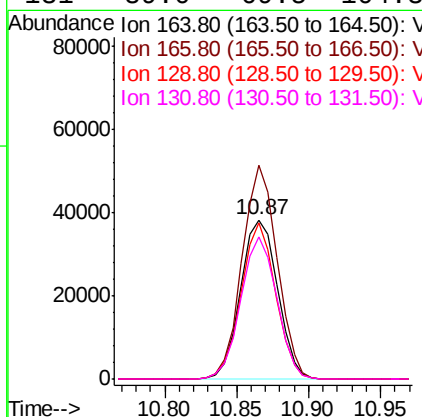
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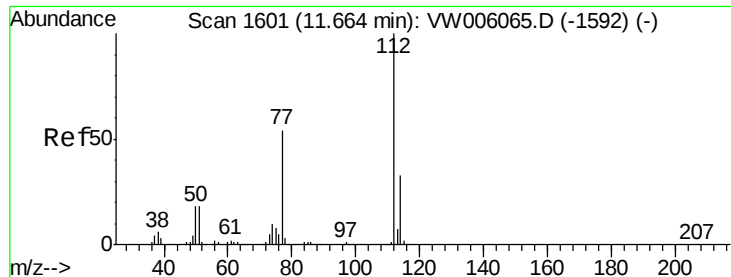
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#64
Tetrachloroethene
Concen: 21.287 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW006122.D
Acq: 17 Oct 2018 13:27

Tgt Ion	Ratio	Lower	Upper
164	100		
166	134.3	103.4	155.0
129	98.2	71.8	107.8
131	89.0	69.5	104.3





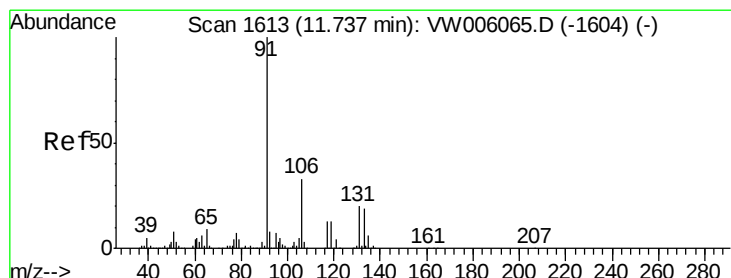
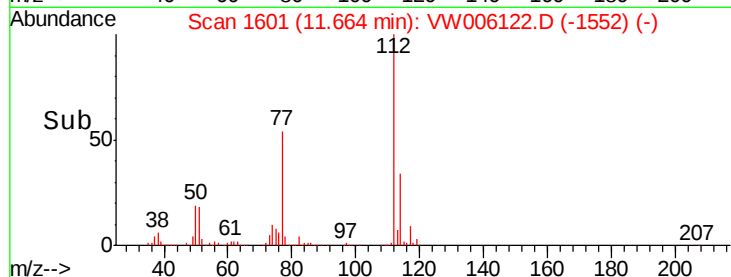
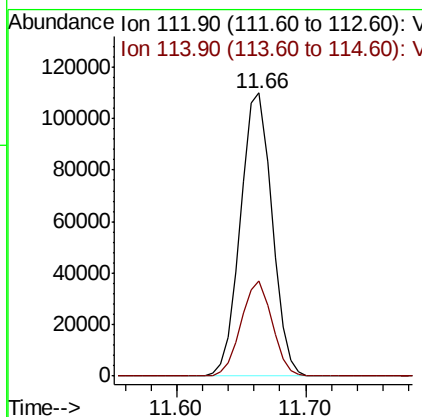
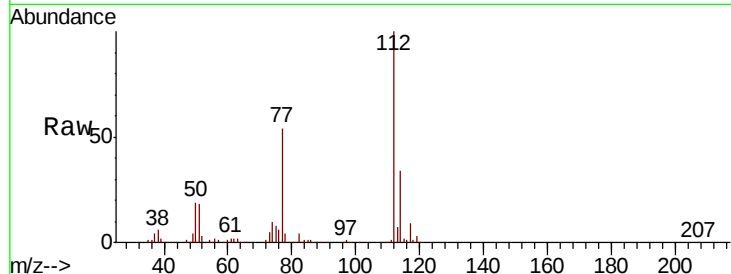
#65
Chlorobenzene
Concen: 21.223 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VW006122.D
Acq: 17 Oct 2018 13:27

Instrument :
MSVOA_W
ClientSampleId :
VW1017SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.6	26.2	39.2

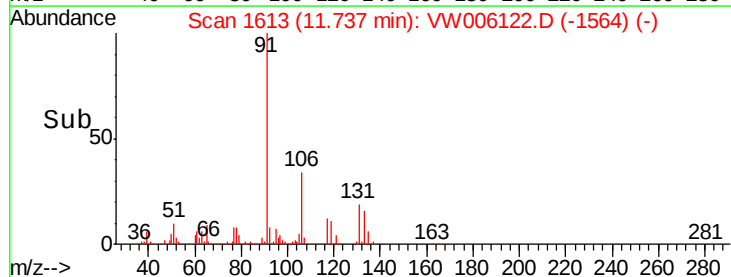
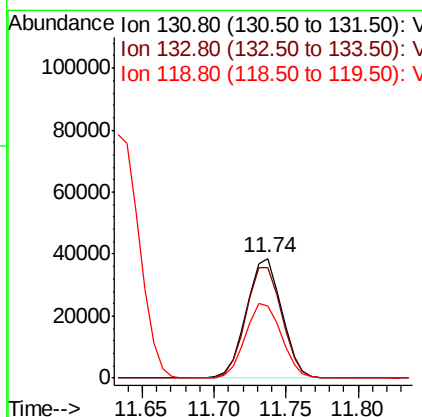
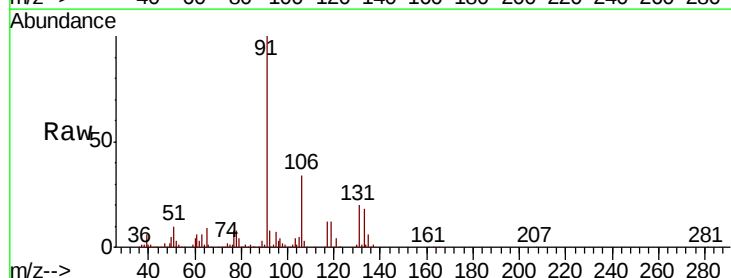
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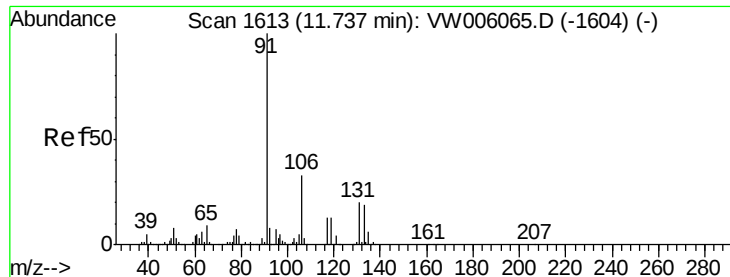
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.910 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW006122.D
Acq: 17 Oct 2018 13:27

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.5	48.1	144.3
119	64.1	31.6	94.7





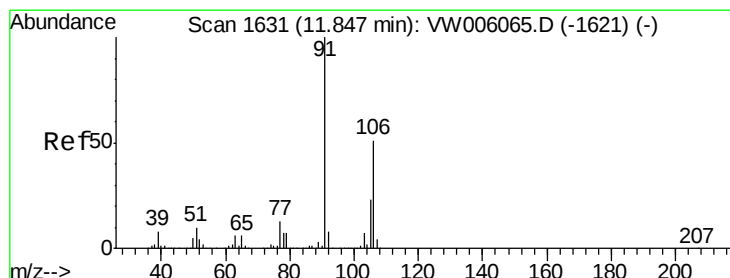
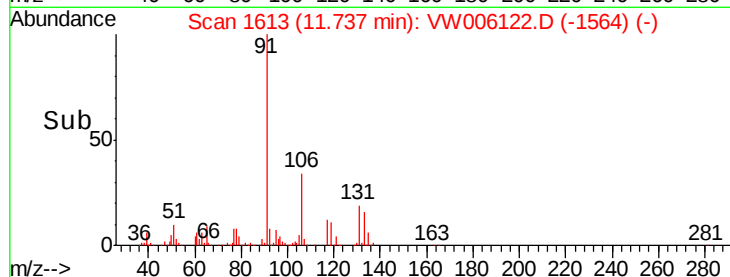
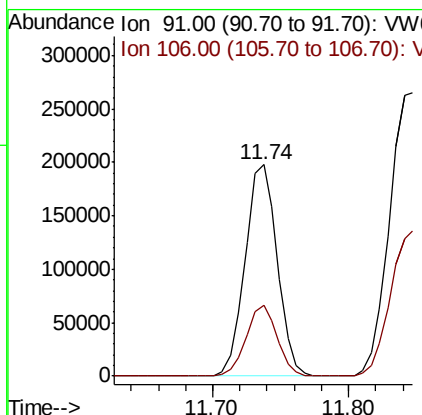
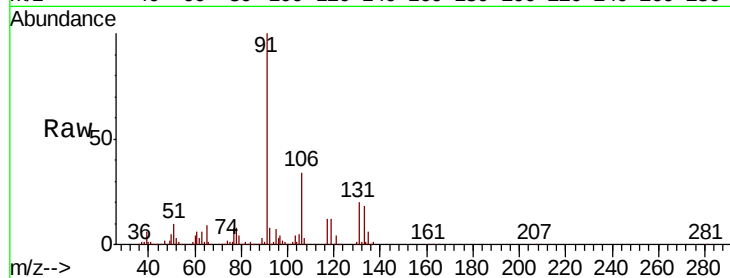
#67
Ethyl Benzene
Concen: 21.485 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW006122.D
Acq: 17 Oct 2018 13:27

Instrument :
MSVOA_W
ClientSampleId :
VW1017SBS01

Tot Ion	Ion	Ratio	Lower	Upper
91	100			
106	33.5	26.1	39.1	

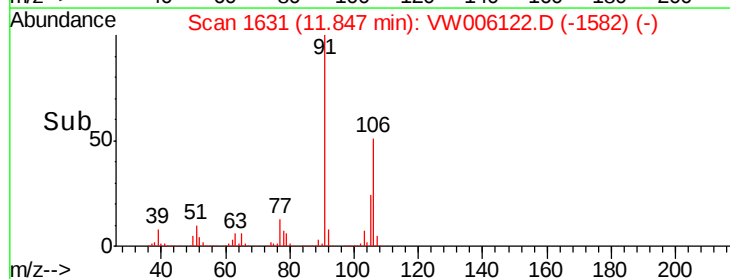
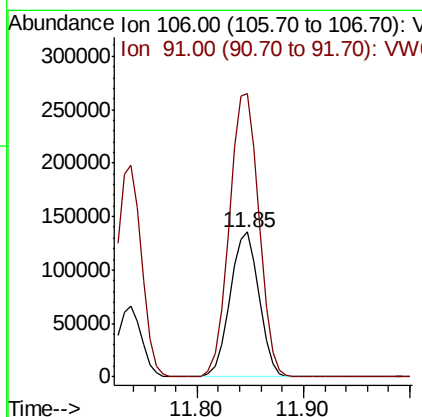
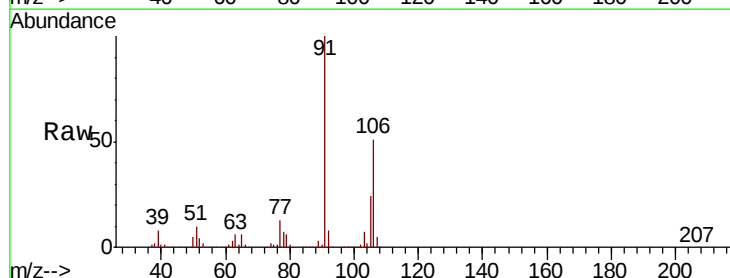
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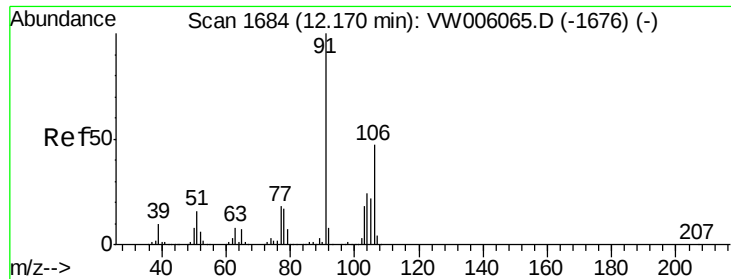
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#68
m/p-Xylenes
Concen: 42.855 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VW006122.D
Acq: 17 Oct 2018 13:27

Tgt Ion	Ion	Ratio	Lower	Upper
106	100			
91	200.0	159.1	238.7	





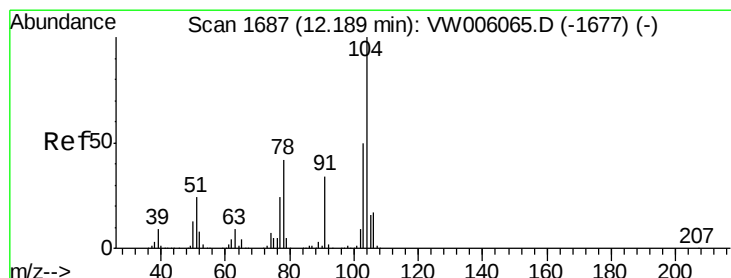
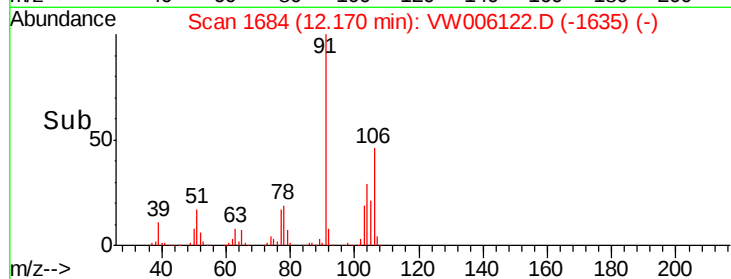
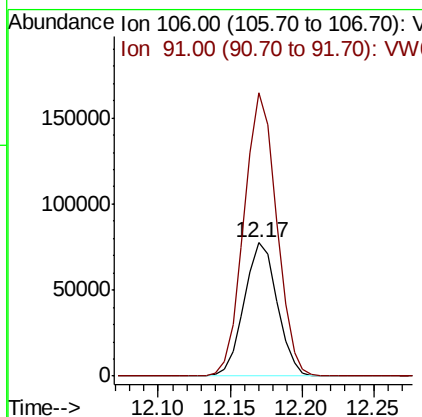
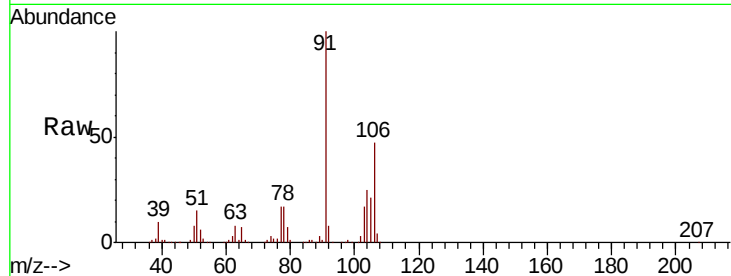
#69
o-Xylene
Concen: 21.395 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW006122.D
Acq: 17 Oct 2018 13:27

Instrument :
MSVOA_W
ClientSampleId :
VW1017SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		122779		
91	210.6	105.4	316.1		

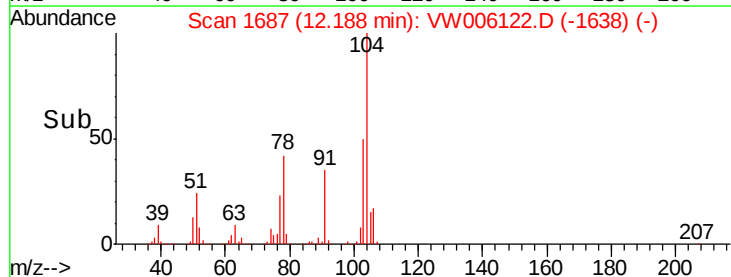
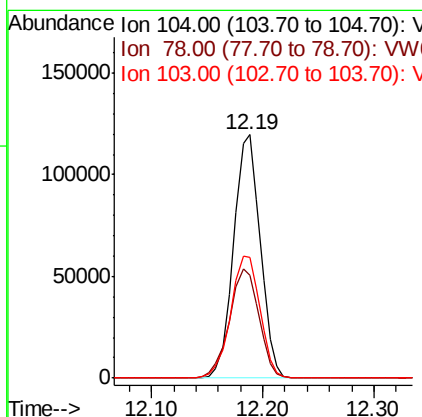
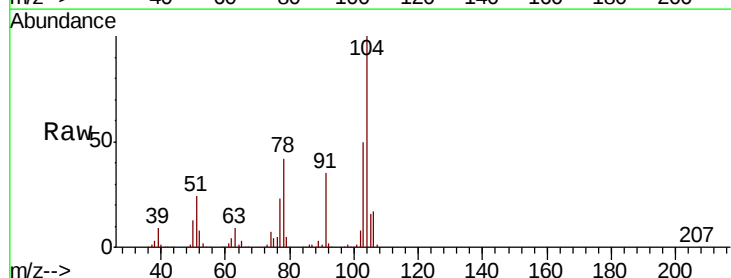
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#70
Styrene
Concen: 21.209 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW006122.D
Acq: 17 Oct 2018 13:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		197917		
78	49.5	39.1	58.7		
103	55.4	44.3	66.5		





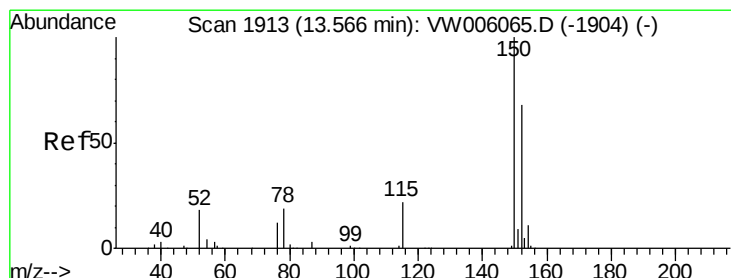
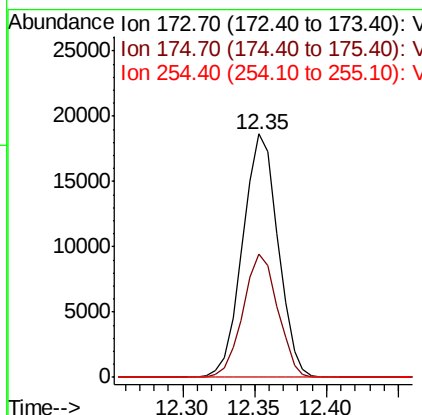
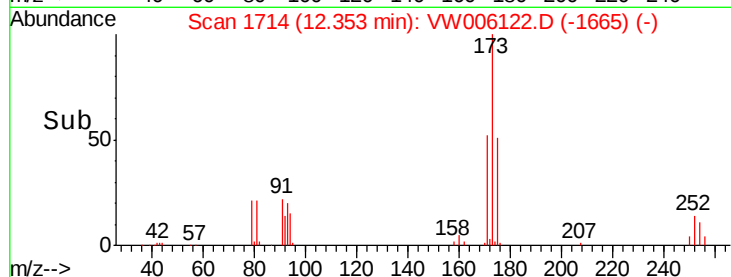
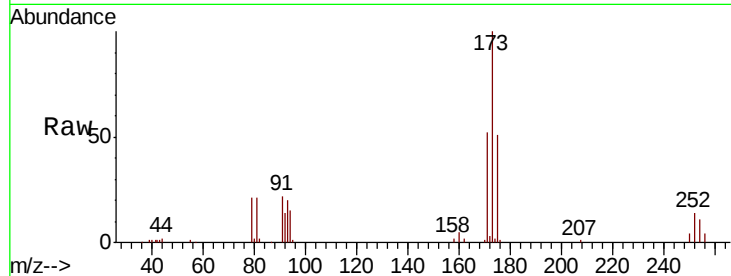
#71
Bromoform
Concen: 18.180 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. -0.00 min
Lab File: VW006122.D
Acq: 17 Oct 2018 13:27

Instrument :
MSVOA_W
ClientSampleId :
VW1017SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.6	24.2	72.6
254	0.0	0.1	0.1#

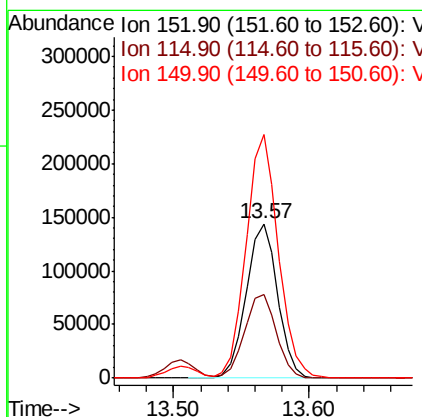
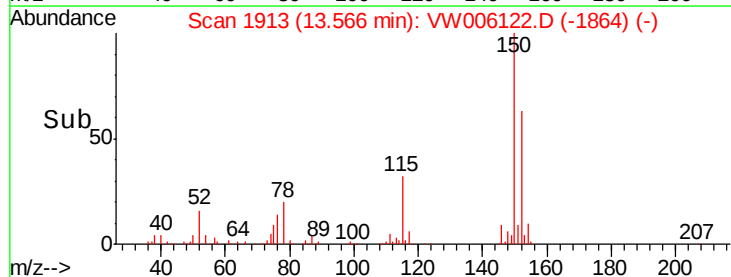
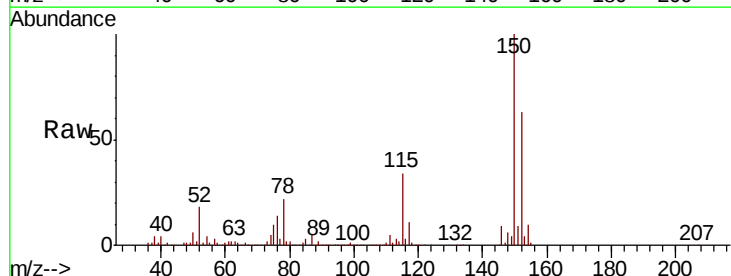
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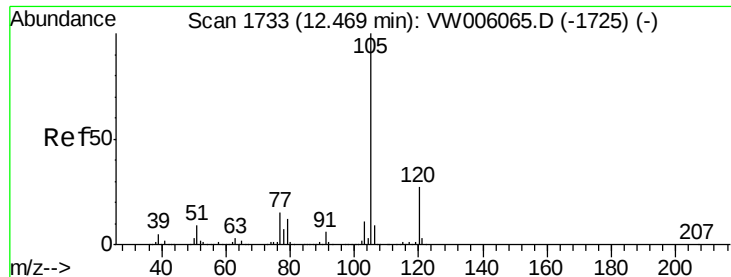
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006122.D
Acq: 17 Oct 2018 13:27

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.0	27.8	83.3
150	162.6	0.0	349.2





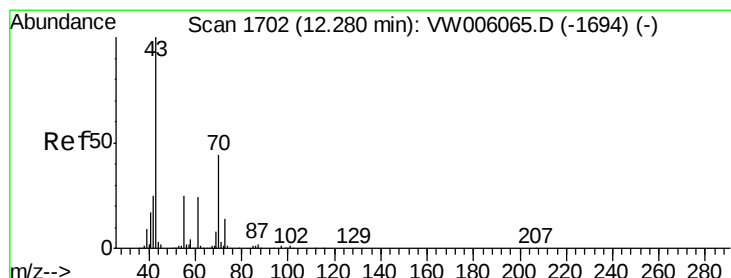
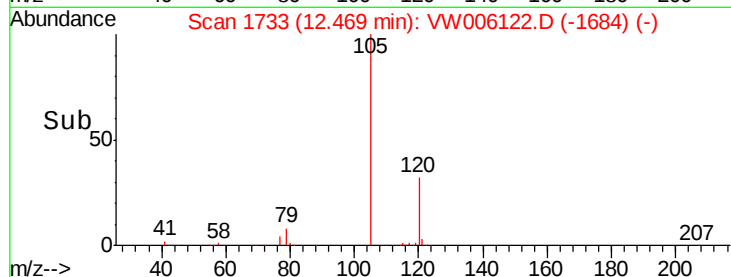
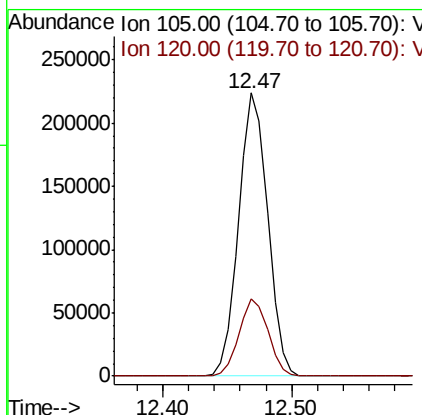
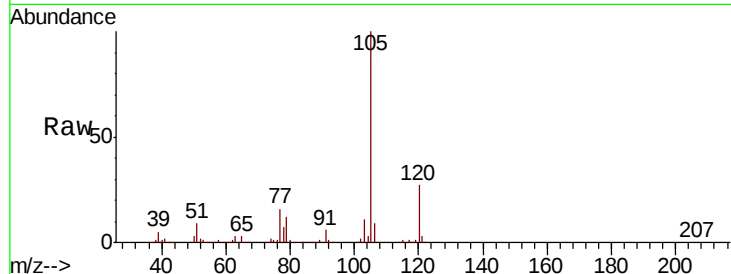
#73
Isopropylbenzene
Concen: 21.357 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VW006122.D
Acq: 17 Oct 2018 13:27

Instrument :
MSVOA_W
ClientSampleId :
VW1017SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.3	13.6	40.7

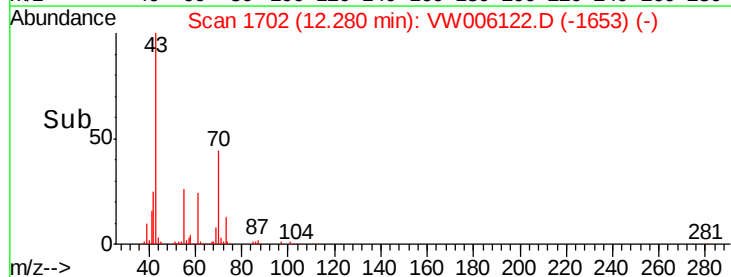
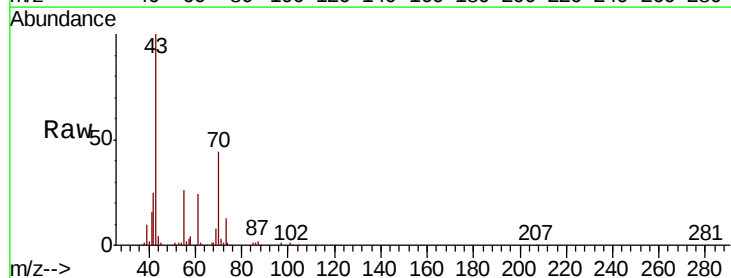
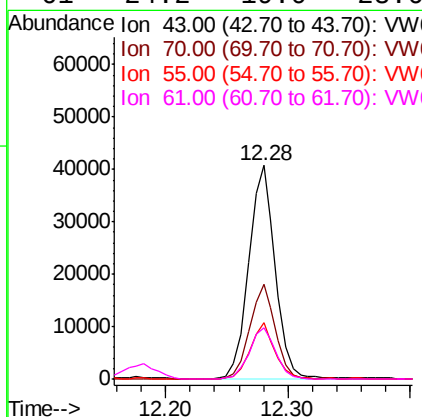
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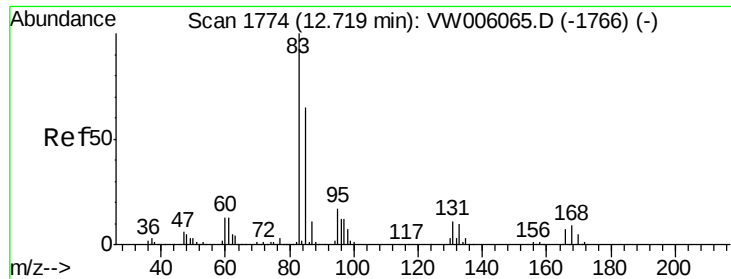
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#74
N-ethyl acetate
Concen: 19.181 ug/l
RT: 12.28 min Scan# 1702
Delta R.T. -0.00 min
Lab File: VW006122.D
Acq: 17 Oct 2018 13:27

Tgt Ion	Ratio	Lower	Upper
43	100		
70	43.6	34.2	51.4
55	24.9	19.2	28.8
61	24.2	19.0	28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 19.847 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW006122.D

Acq: 17 Oct 2018 13:27

Instrument :

MSVOA_W

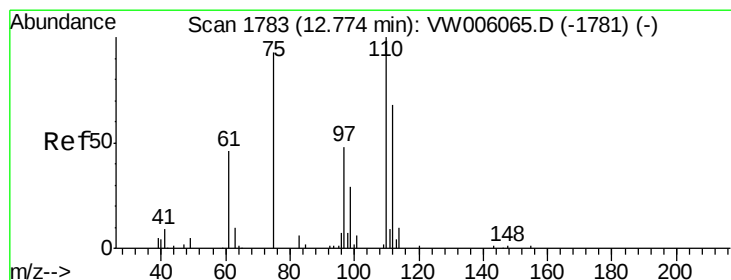
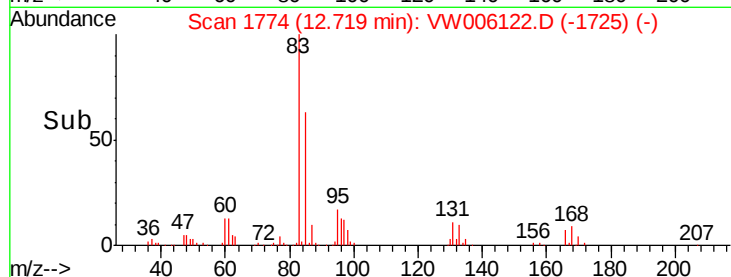
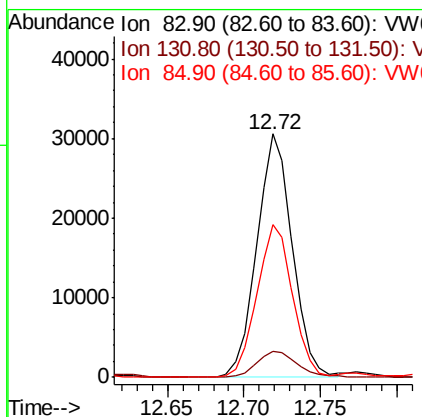
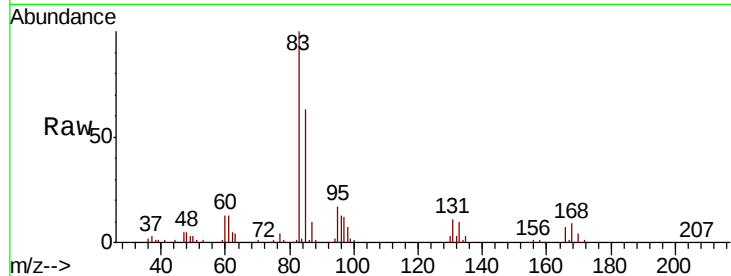
ClientSampleId :

VW1017SBS01

Tot Ion:	83	Resp:	49339
Ion Ratio	Lower	Upper	
83	100		
131	12.2	5.9	17.7
85	62.9	31.9	95.9

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#76

1,2,3-Trichloropropane

Concen: 19.322 ug/l m

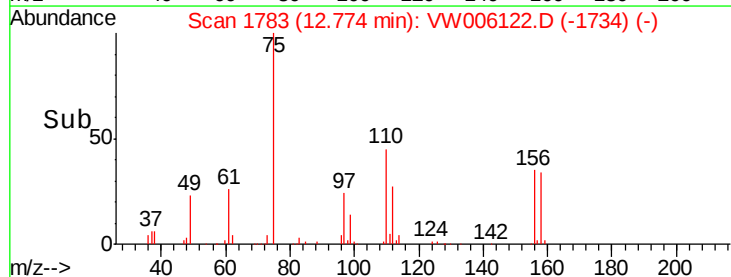
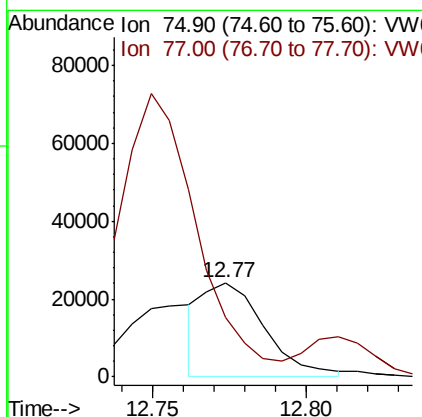
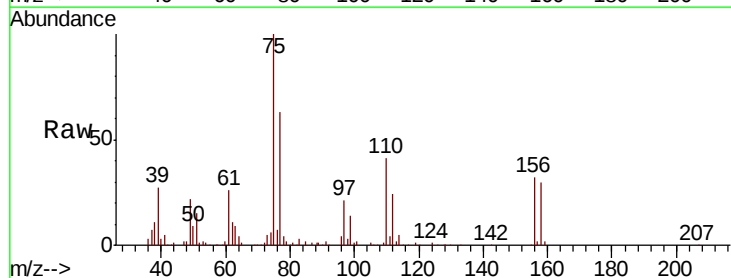
RT: 12.77 min Scan# 1783

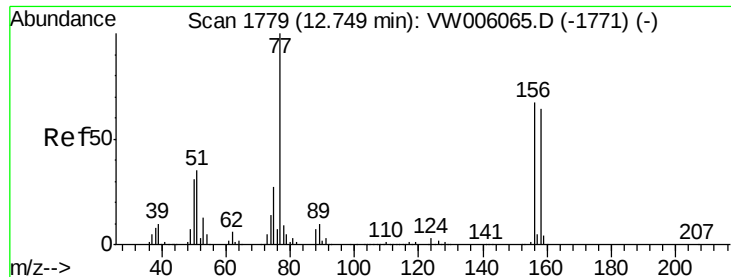
Delta R.T. -0.00 min

Lab File: VW006122.D

Acq: 17 Oct 2018 13:27

Tgt Ion:	75	Resp:	34144
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.924 ug/l

RT: 12.76 min Scan# 1780

Delta R.T. 0.01 min

Lab File: VW006122.D

Acq: 17 Oct 2018 13:27

Instrument :

MSVOA_W

ClientSampleId :

VW1017SBS01

Tot Ion: 156 Resp: 83768

Ion Ratio Lower Upper

156 100

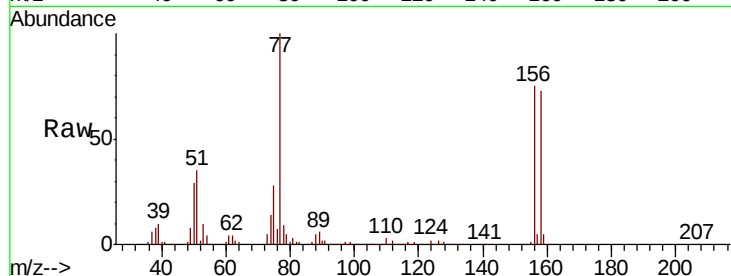
77 157.1 79.1 237.4

158 97.9 48.5 145.6

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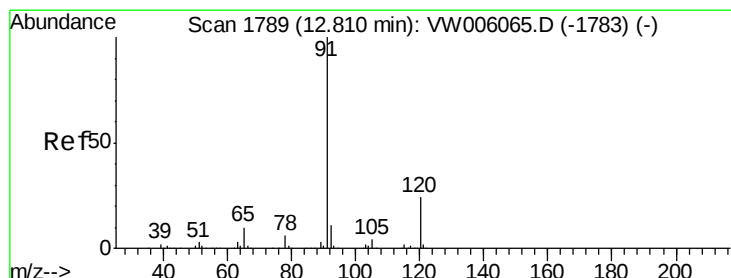
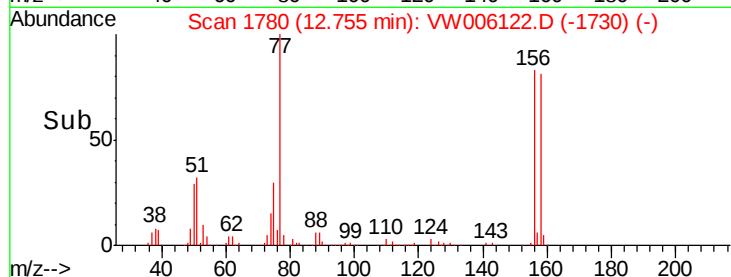
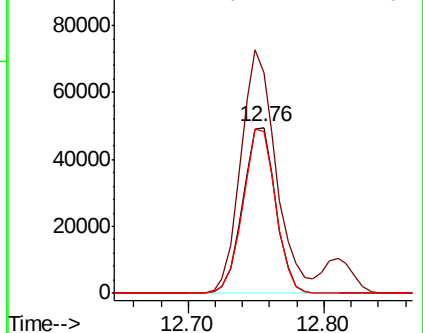
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.584 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW006122.D

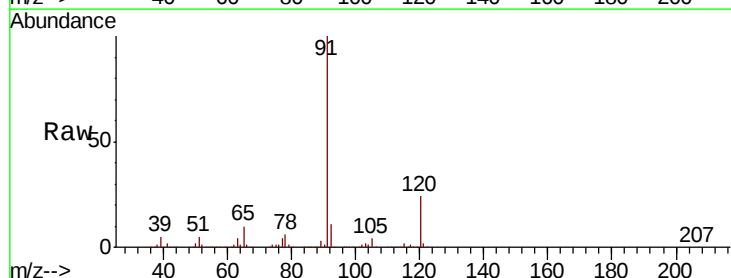
Acq: 17 Oct 2018 13:27

Tgt Ion: 91 Resp: 410431

Ion Ratio Lower Upper

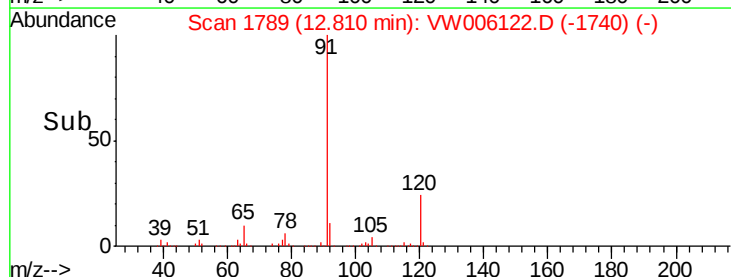
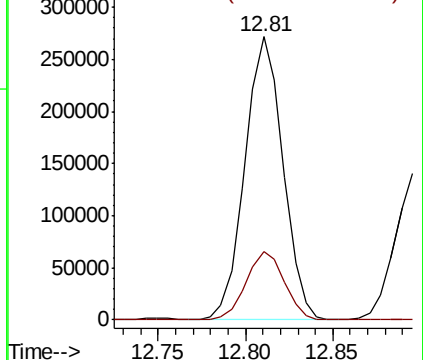
91 100

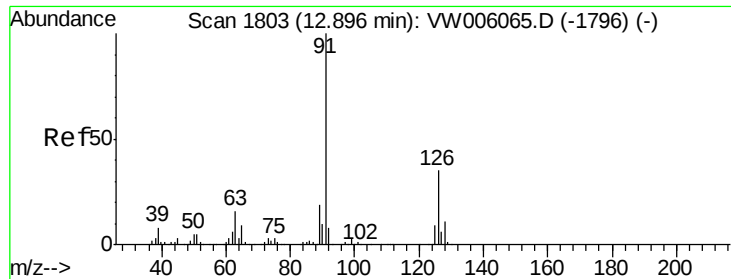
120 24.3 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





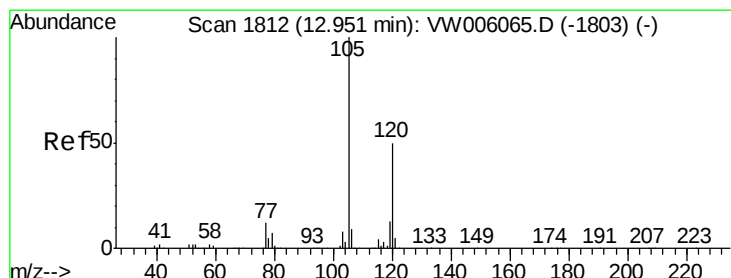
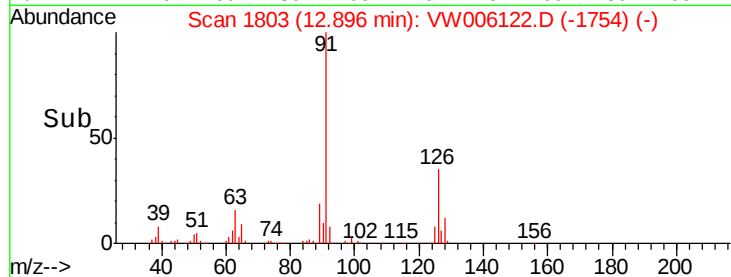
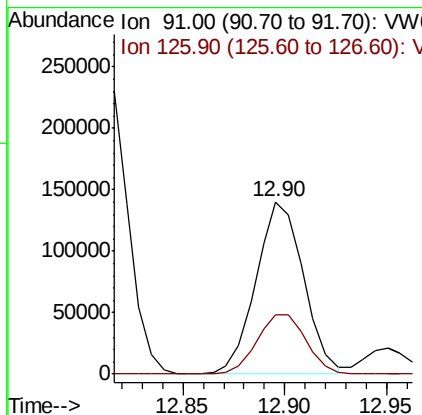
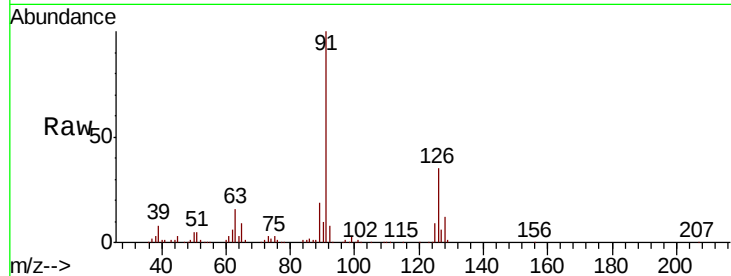
#79
2-Chlorotoluene
Concen: 21.279 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VW006122.D
Acq: 17 Oct 2018 13:27

Instrument :
MSVOA_W
ClientSampleId :
VW1017SBS01

Tot Ion: 91 Resp: 227352
Ion Ratio Lower Upper
91 100
126 36.2 17.9 53.8

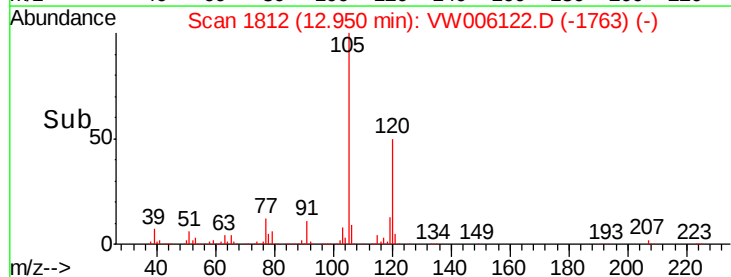
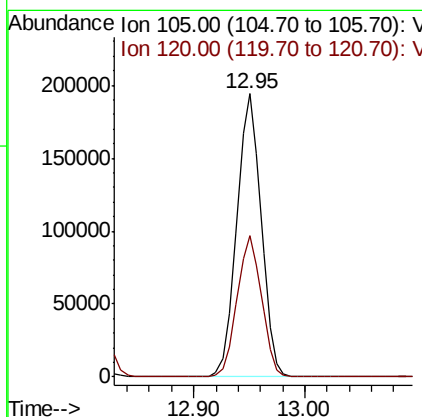
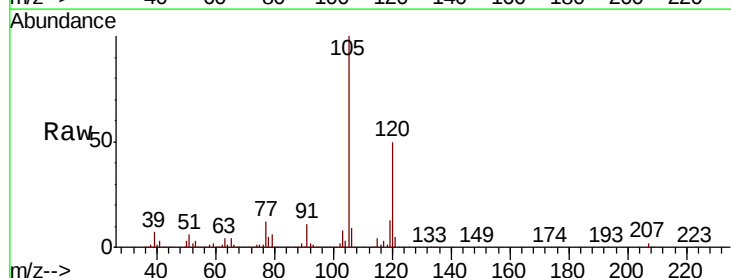
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#80
1,3,5-Trimethylbenzene
Concen: 21.343 ug/l
RT: 12.95 min Scan# 1812
Delta R.T. -0.00 min
Lab File: VW006122.D
Acq: 17 Oct 2018 13:27

Tgt Ion:105 Resp: 294080
Ion Ratio Lower Upper
105 100
120 50.1 24.9 74.6





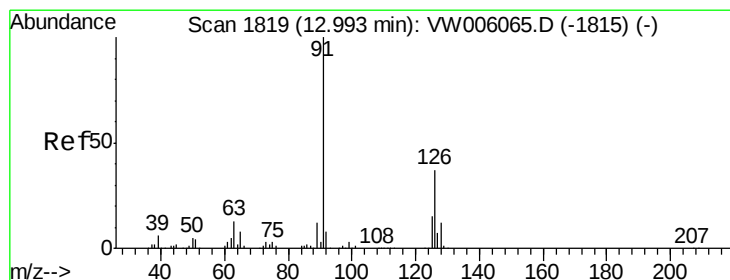
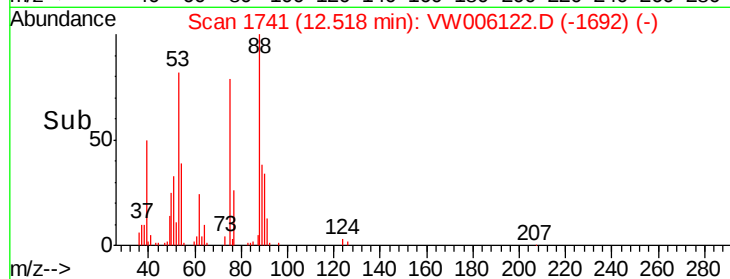
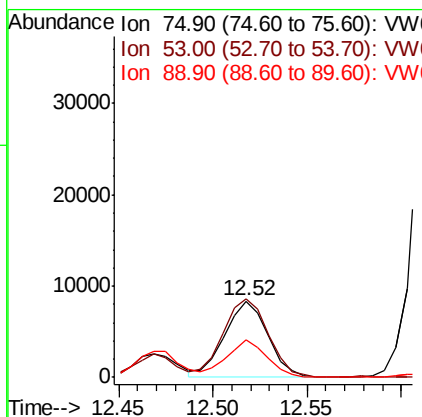
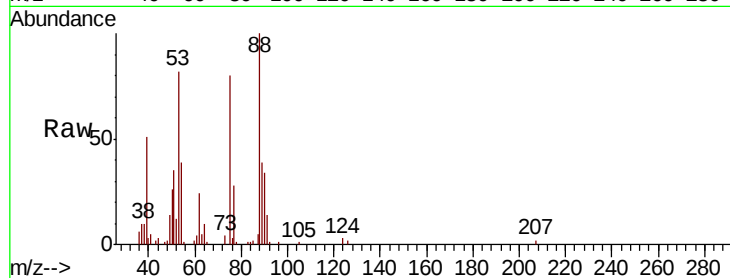
#81
trans-1,4-Dichloro-2-butene
Concen: 17.741 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW006122.D
Acq: 17 Oct 2018 13:27

Instrument :
MSVOA_W
ClientSampleId :
VW1017SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	110.0	79.8	119.6
89	46.4	37.5	56.3

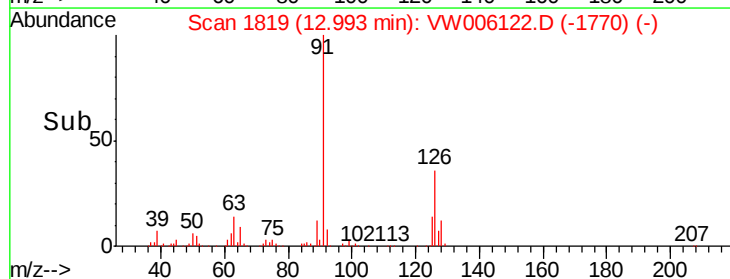
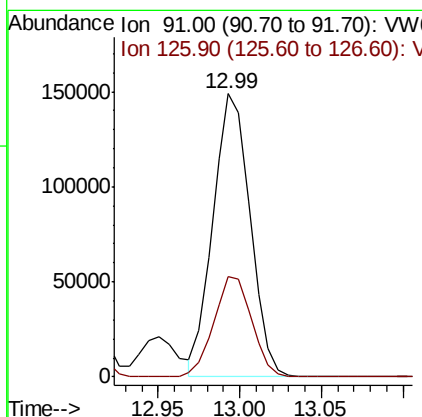
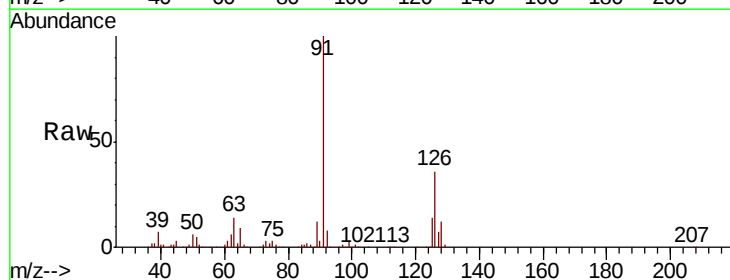
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#82
4-Chlorotoluene
Concen: 21.107 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW006122.D
Acq: 17 Oct 2018 13:27

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.3	18.1	54.3





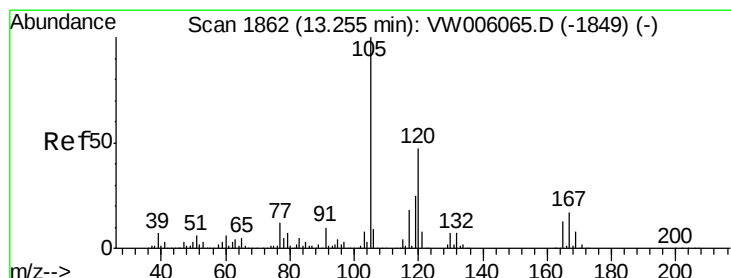
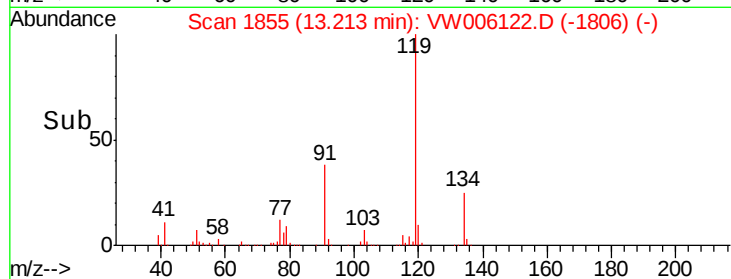
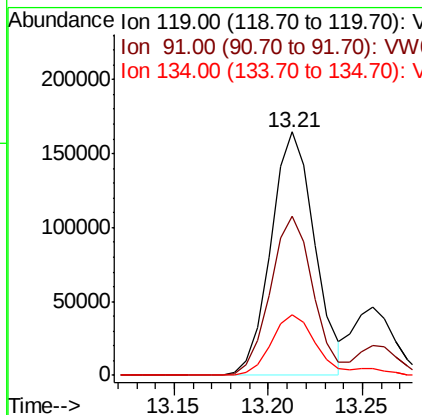
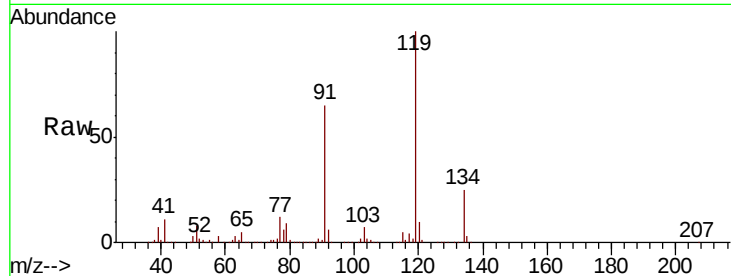
#83
tert-Butylbenzene
Concen: 21.463 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW006122.D
Acq: 17 Oct 2018 13:27

Instrument :
MSVOA_W
ClientSampleId :
VW1017SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	264593		
91	65.0	32.3	96.9	
134	27.3	13.6	40.8	

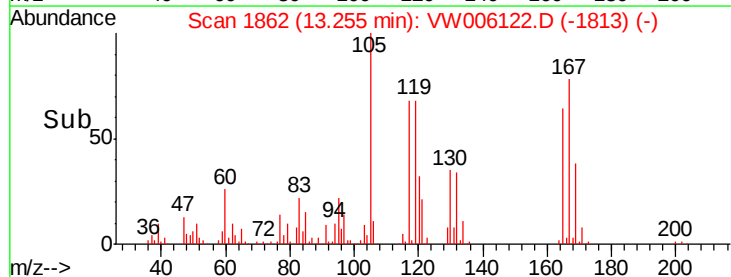
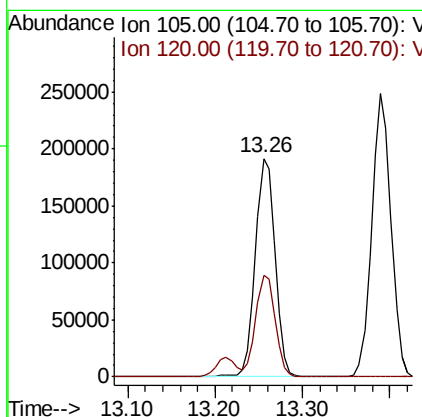
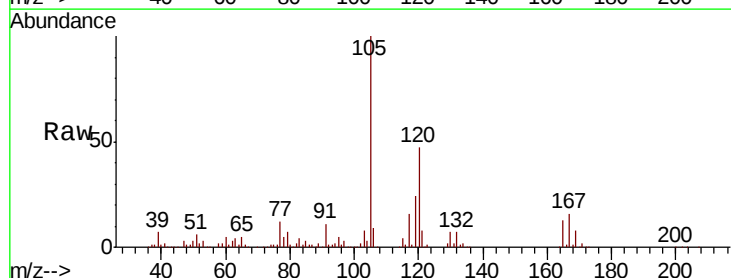
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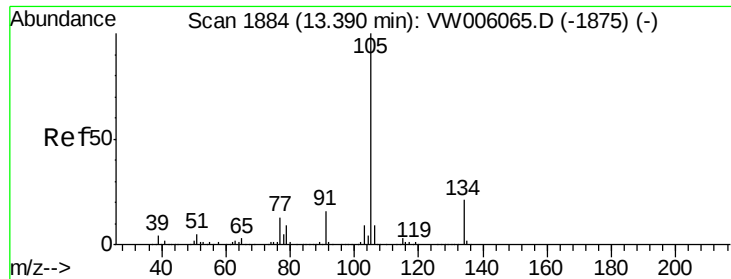
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#84
1,2,4-Trimethylbenzene
Concen: 21.516 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW006122.D
Acq: 17 Oct 2018 13:27

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	299997		
120	45.9	23.1	69.3	





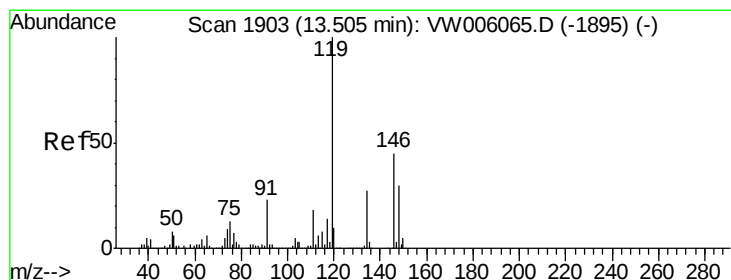
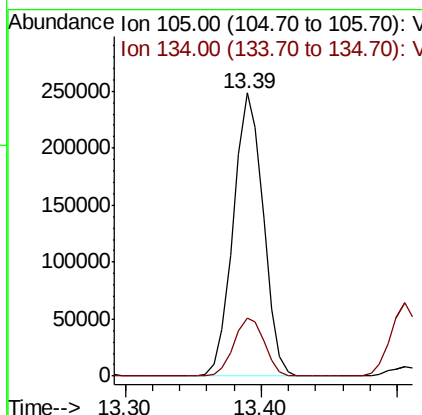
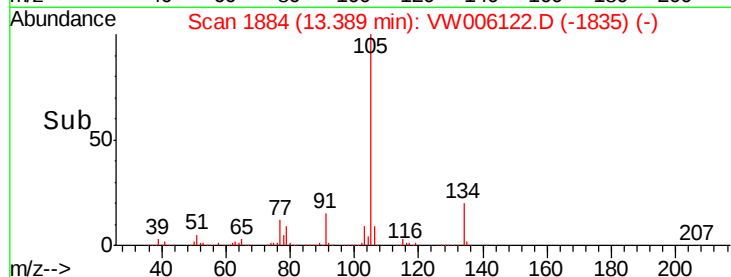
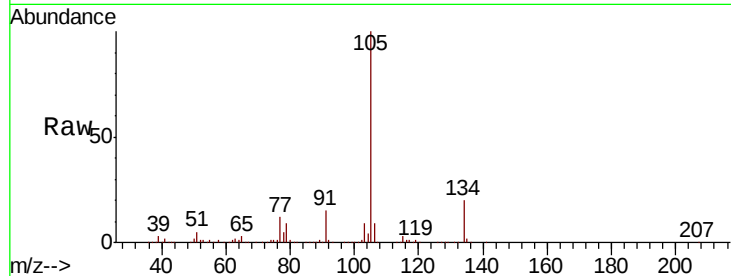
#85
 sec-Butylbenzene
 Concen: 21.859 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW006122.D
 Acq: 17 Oct 2018 13:27

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1017SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.1	10.5	31.6

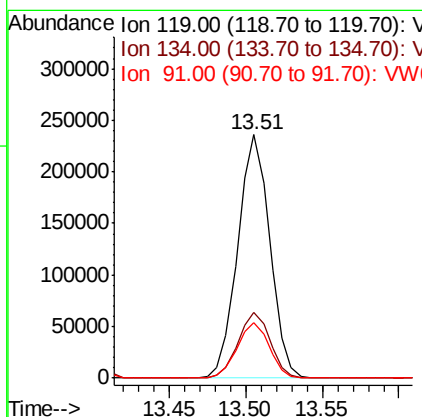
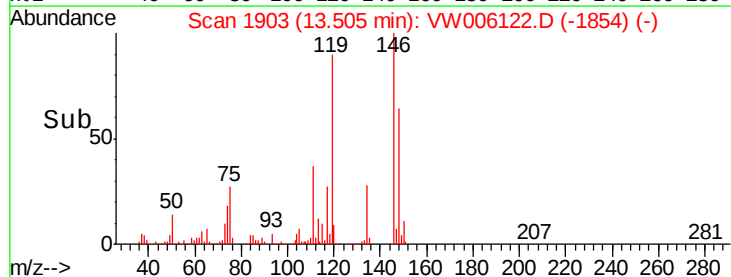
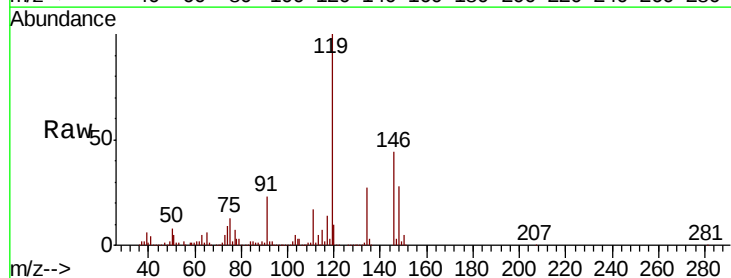
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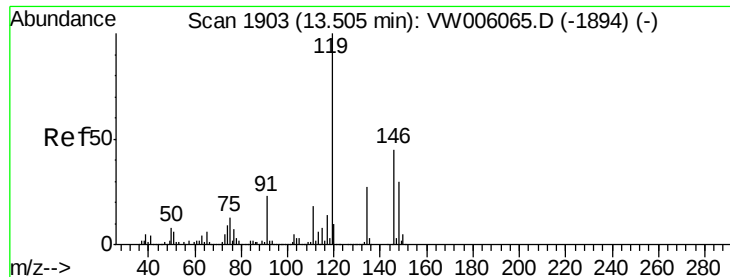
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#86
 p-Isopropyltoluene
 Concen: 21.722 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006122.D
 Acq: 17 Oct 2018 13:27

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.9	13.4	40.2
91	22.9	11.4	34.1





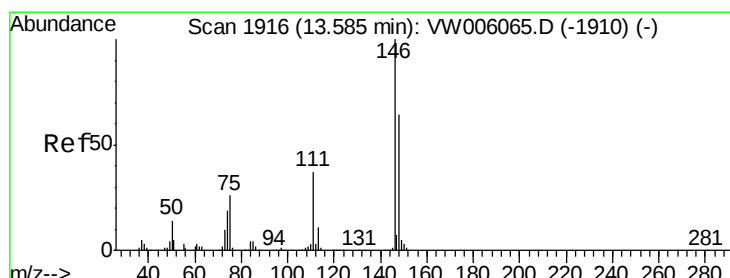
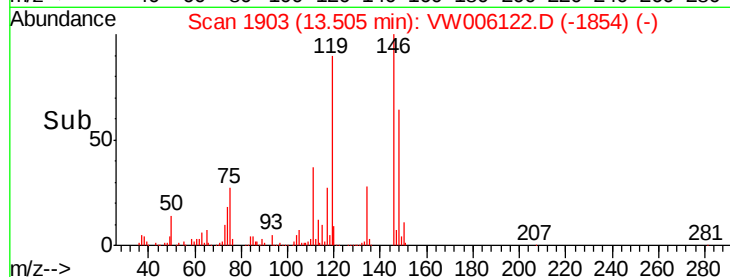
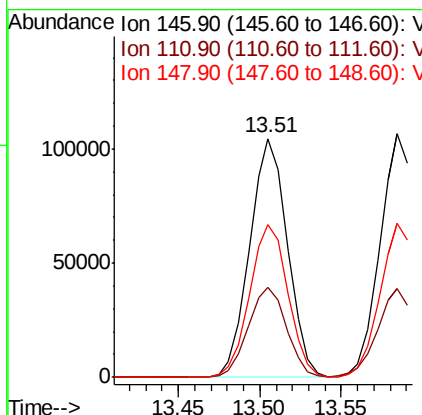
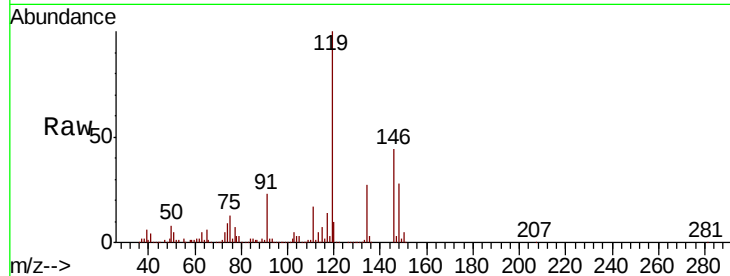
#87
 1,3-Dichlorobenzene
 Concen: 21.167 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006122.D
 Acq: 17 Oct 2018 13:27

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1017SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.1	57.5
148	64.7	32.0	96.2

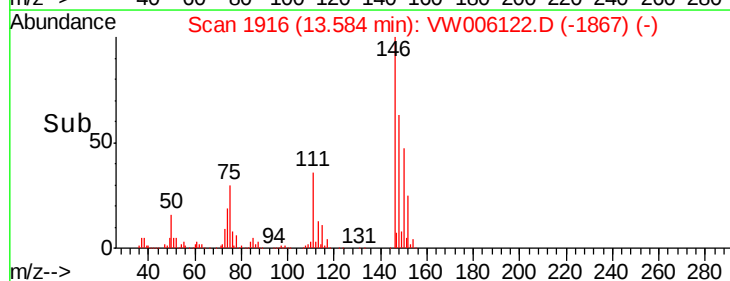
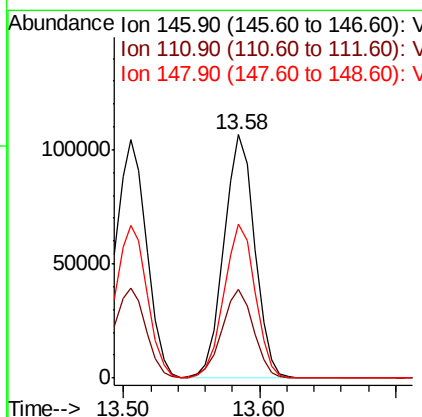
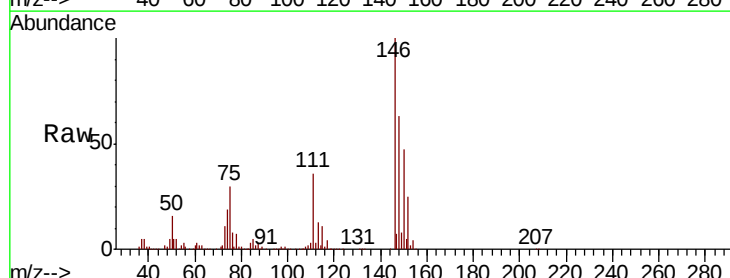
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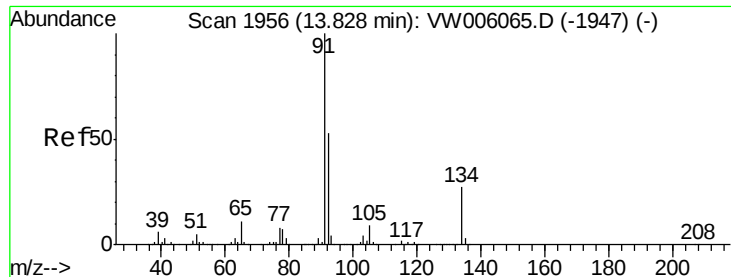
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#88
 1,4-Dichlorobenzene
 Concen: 21.141 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW006122.D
 Acq: 17 Oct 2018 13:27

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.6	56.0
148	64.1	32.1	96.5





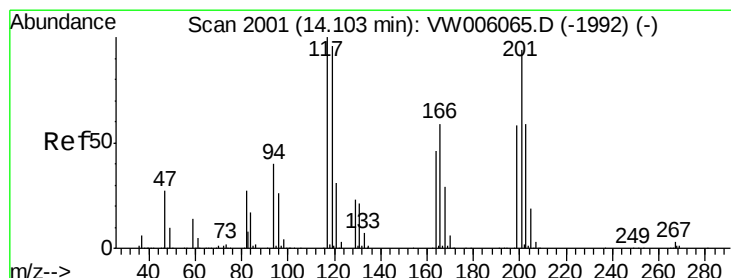
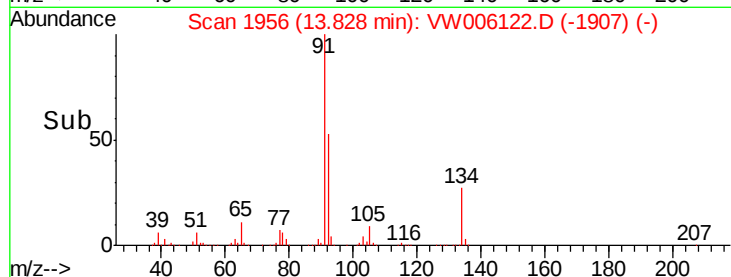
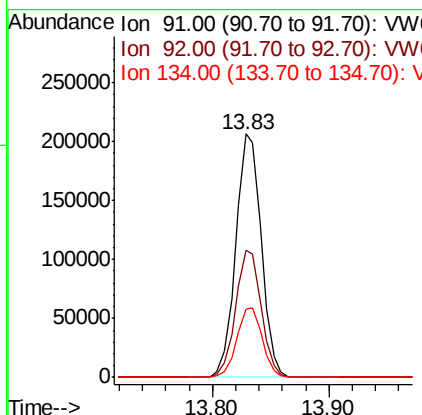
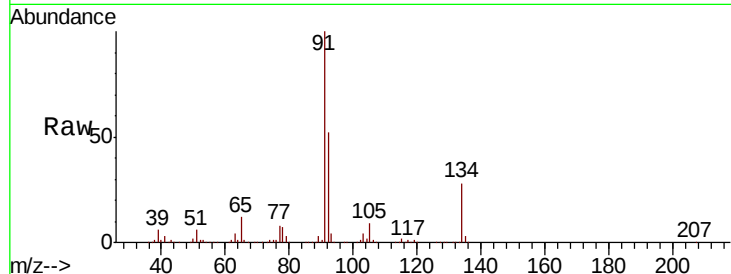
#89
n-Butylbenzene
Concen: 21.812 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW006122.D
Acq: 17 Oct 2018 13:27

Instrument :
MSVOA_W
ClientSampleId :
VW1017SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.6	79.7
134	28.6	14.0	41.9

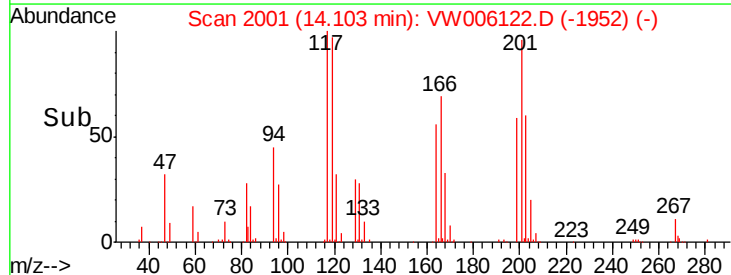
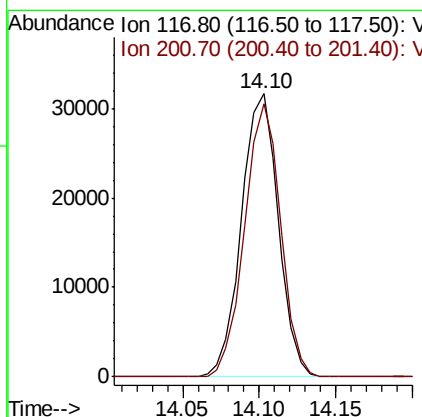
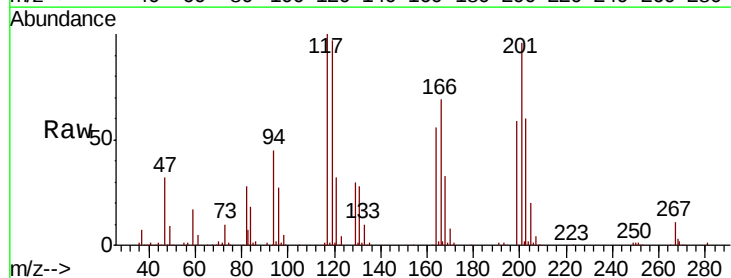
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#90
Hexachloroethane
Concen: 19.879 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. -0.00 min
Lab File: VW006122.D
Acq: 17 Oct 2018 13:27

Tgt Ion	Ratio	Lower	Upper
117	100		
201	94.2	45.3	135.9





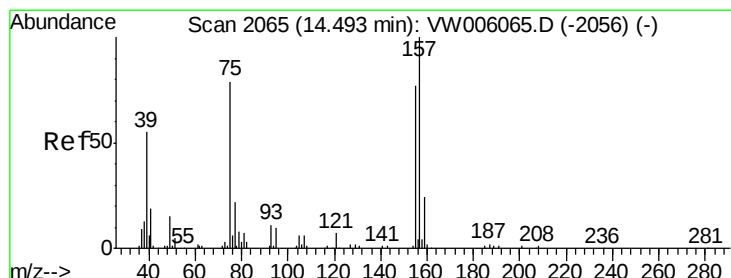
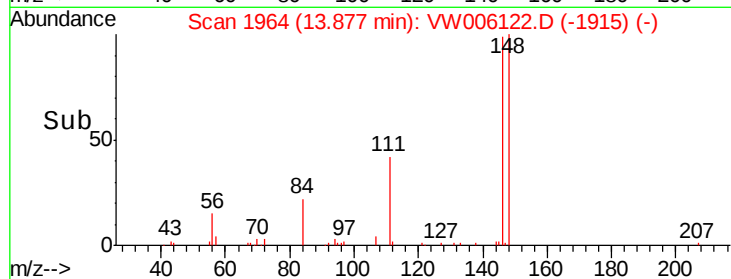
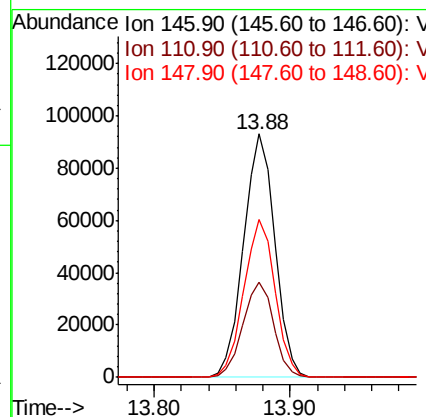
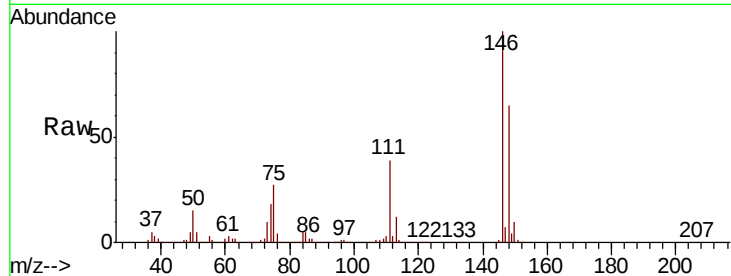
#91
 1,2-Dichlorobenzene
 Concen: 21.062 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW006122.D
 Acq: 17 Oct 2018 13:27

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1017SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.6	58.7
148	64.7	32.2	96.6

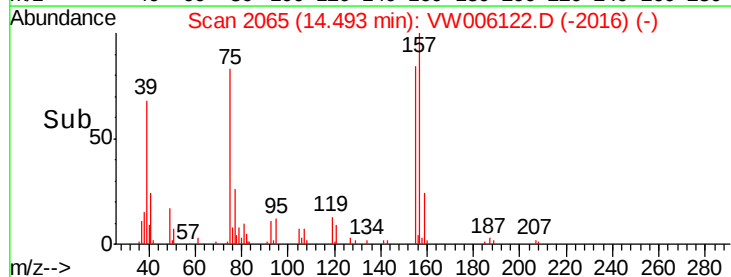
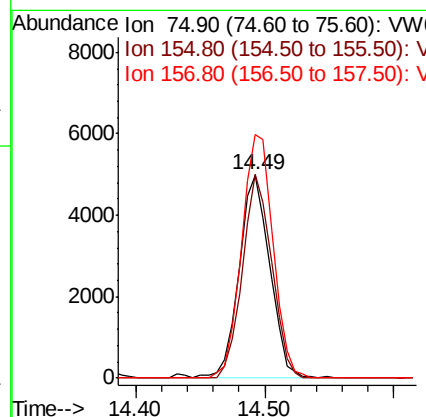
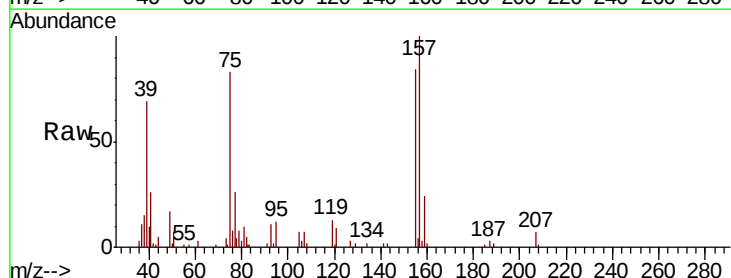
Manual Integrations
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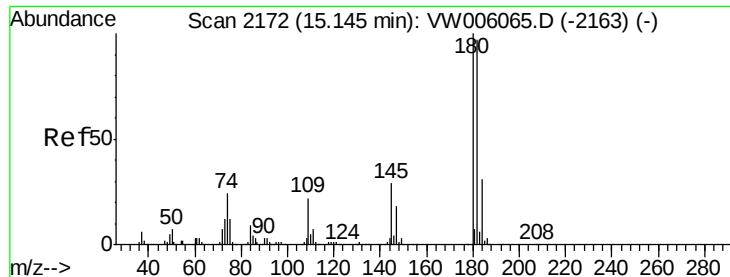
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.578 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW006122.D
 Acq: 17 Oct 2018 13:27

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.9	46.5	139.5
157	121.3	59.8	179.4





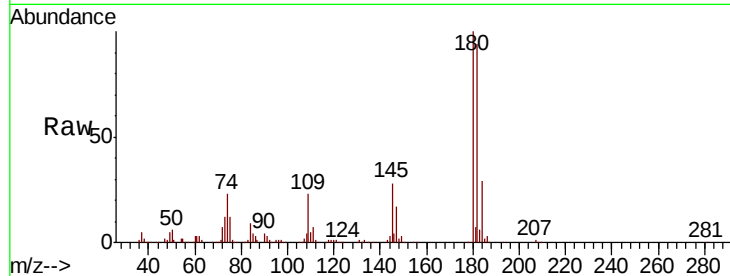
#93
 1,2,4-Trichlorobenzene
 Concen: 21.248 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. -0.00 min
 Lab File: VW006122.D
 Acq: 17 Oct 2018 13:27

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1017SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	116190		
182	95.1	47.9	143.6	
145	29.1	14.2	42.8	

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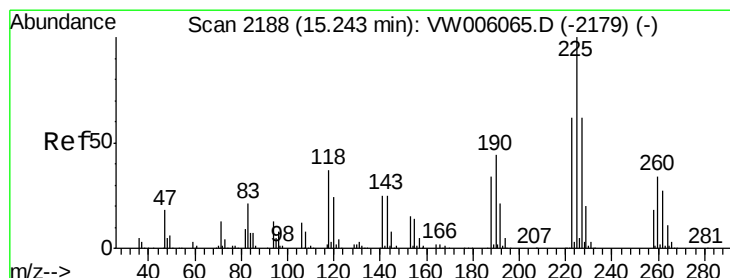
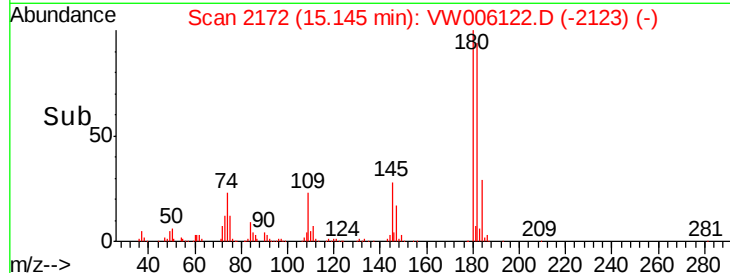
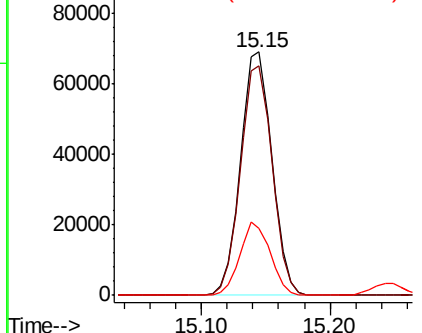


Abundance

Ion 179.80 (179.50 to 180.50): V

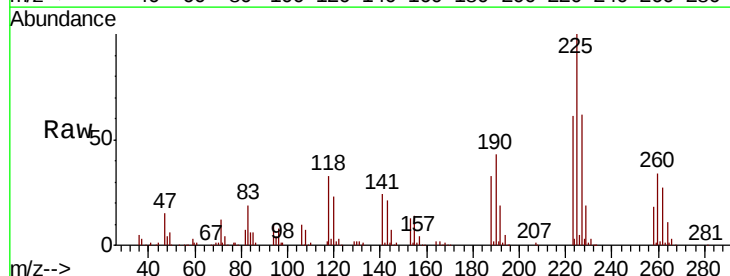
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 22.490 ug/l
 RT: 15.25 min Scan# 2189
 Delta R.T. 0.01 min
 Lab File: VW006122.D
 Acq: 17 Oct 2018 13:27

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	77256		
223	61.2	31.1	93.5	
227	63.0	32.4	97.0	

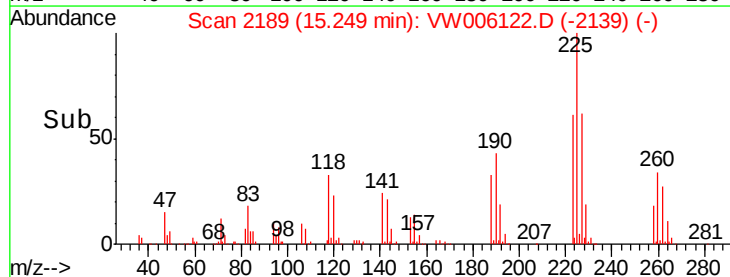
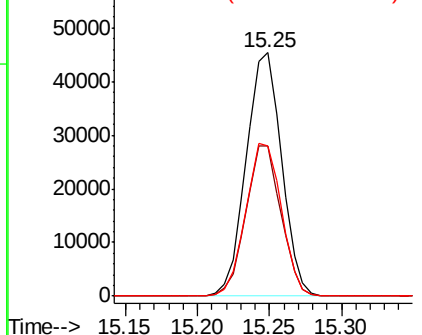


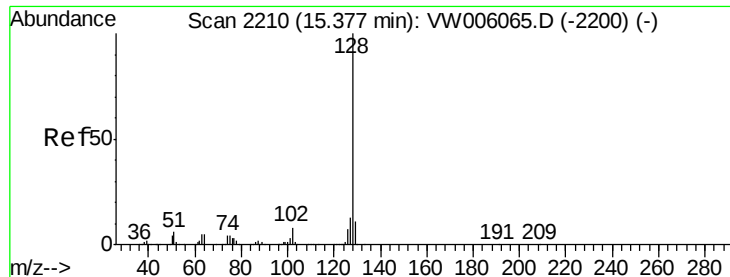
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





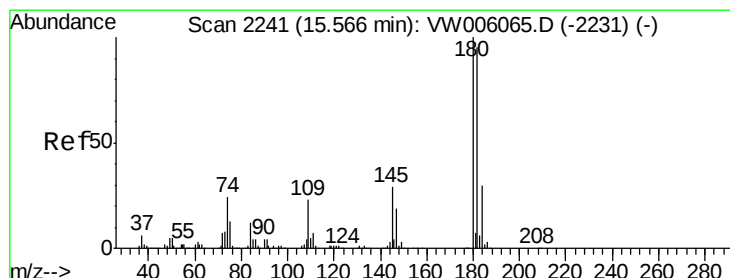
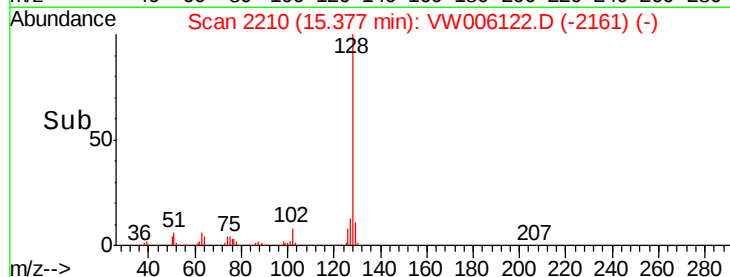
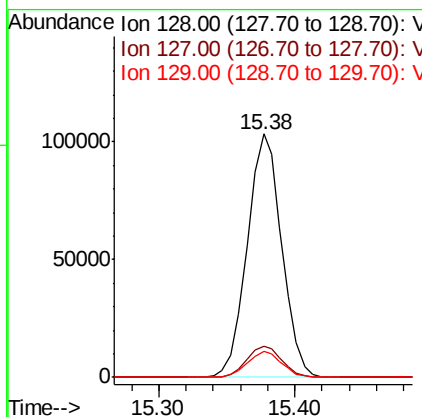
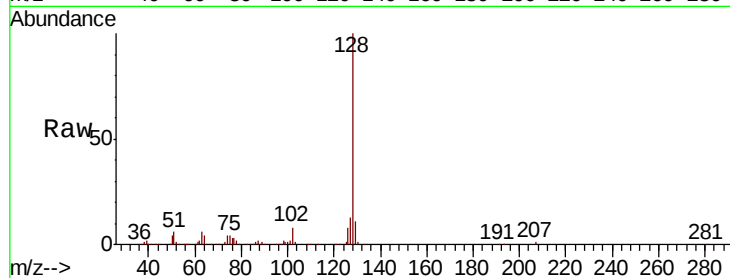
#95
Naphthalene
Concen: 20.136 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW006122.D
Acq: 17 Oct 2018 13:27

Instrument :
MSVOA_W
ClientSampleId :
VW1017SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	10.8	8.7	13.1

Manual Integrations
APPROVED

apatel
10/18/2018 11:04:25 AM



#96
1,2,3-Trichlorobenzene
Concen: 21.027 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW006122.D
Acq: 17 Oct 2018 13:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.8	143.3
145	30.6	15.0	45.1

