

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121818\
 Data File : VW007600.D
 Acq On : 16 Dec 2018 00:47
 Operator : SY/AP
 Sample : VW1218SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1218SBS01

Manual Integrations
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 12/17/2018 4:40:23 PM

Quant Time: Dec 16 02:40:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	67644	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	114257	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	104688	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	52867	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	38442	51.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.44%	
35) Dibromofluoromethane	7.88	113	35997	52.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.10%	
50) Toluene-d8	10.32	98	136199	52.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.04%	
62) 4-Bromofluorobenzene	12.62	95	52375	54.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	11738	24.832	ug/l	93
3) Chloromethane	2.21	50	8605	21.736	ug/l	92
4) Vinyl Chloride	2.37	62	10422	22.433	ug/l	93
5) Bromomethane	2.78	94	7094	22.726	ug/l	97
6) Chloroethane	2.93	64	5479	21.424	ug/l	98
7) Trichlorofluoromethane	3.25	101	9143	21.890	ug/l	87
8) Diethyl Ether	3.68	74	7278	22.263	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.05	101	15439	22.401	ug/l	99
10) Methyl Iodide	4.27	142	26252	22.999	ug/l	98
11) Tert butyl alcohol	5.17	59	5954	115.521	ug/l	97
12) 1,1-Dichloroethene	4.03	96	14738	22.210	ug/l	97
13) Acrolein	3.90	56	3435	100.721	ug/l	98
14) Allyl chloride	4.66	41	21054	21.525	ug/l	96
15) Acrylonitrile	5.37	53	15176	110.120	ug/l	99
16) Acetone	4.12	43	13244	101.036	ug/l	99
17) Carbon Disulfide	4.37	76	44972	22.352	ug/l	98
18) Methyl Acetate	4.67	43	8310	23.358	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	23028	23.004	ug/l	98
20) Methylene Chloride	4.91	84	17585	22.366	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	16417	22.116	ug/l	94
22) Diisopropyl ether	6.31	45	41993	22.336	ug/l	95
23) Vinyl Acetate	6.26	43	111443	105.976	ug/l	96
24) 1,1-Dichloroethane	6.21	63	27993	22.030	ug/l	98
25) 2-Butanone	7.17	43	17927	104.758	ug/l	98
26) 2,2-Dichloropropane	7.16	77	18683	22.216	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	18732	23.047	ug/l	99
28) Bromochloromethane	7.51	49	10223	21.389	ug/l	100
29) Tetrahydrofuran	7.53	42	11766	108.607	ug/l	97
30) Chloroform	7.68	83	31850	23.033	ug/l	99
31) Cyclohexane	7.95	56	24088	20.662	ug/l	# 92
32) 1,1,1-Trichloroethane	7.87	97	27343	22.549	ug/l	98
36) 1,1-Dichloropropene	8.08	75	23263	22.319	ug/l	100
37) Ethyl Acetate	7.25	43	8348	21.534	ug/l	98
38) Carbon Tetrachloride	8.07	117	26127	23.038	ug/l	99

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	28037	22.214	ug/l	94
40) Benzene	8.32	78	65491	22.641	ug/l	97
41) Methacrylonitrile	7.49	41	4652	21.073	ug/l	94
42) 1,2-Dichloroethane	8.40	62	20841	22.937	ug/l	100
43) Isopropyl Acetate	8.43	43	17066	22.286	ug/l	98
44) Trichloroethene	9.09	130	18827	22.793	ug/l	97
45) 1,2-Dichloropropane	9.37	63	15291	22.844	ug/l	99
46) Dibromomethane	9.46	93	8815	23.190	ug/l	100
47) Bromodichloromethane	9.65	83	23174	23.242	ug/l	94
48) Methyl methacrylate	9.44	41	8360	21.257	ug/l	94
49) 1,4-Dioxane	9.45	88	3055	495.316	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	40139	110.936	ug/l	99
52) Toluene	10.39	92	44419	23.729	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	22573	23.320	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	25349	22.653	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	12561	24.280	ug/l	94
56) Ethyl methacrylate	10.65	69	14327	23.040	ug/l	99
57) 1,3-Dichloropropane	10.93	76	20560	24.212	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	30813	107.453	ug/l	97
59) 2-Hexanone	10.97	43	27261	112.993	ug/l	98
60) Dibromochloromethane	11.13	129	15703	24.051	ug/l	98
61) 1,2-Dibromoethane	11.24	107	12257	23.974	ug/l	94
64) Tetrachloroethene	10.87	164	17042	22.637	ug/l	94
65) Chlorobenzene	11.66	112	49479	22.676	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	17532	22.813	ug/l	99
67) Ethyl Benzene	11.73	91	85575	22.811	ug/l	94
68) m/p-Xylenes	11.84	106	67872	46.538	ug/l	97
69) o-Xylene	12.17	106	31434	23.078	ug/l	97
70) Styrene	12.18	104	52959	24.072	ug/l	97
71) Bromoform	12.35	173	8722	22.173	ug/l #	98
73) Isopropylbenzene	12.47	105	87575	21.619	ug/l	99
74) N-amyl acetate	12.27	43	15294	20.774	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	13410	22.351	ug/l	94
76) 1,2,3-Trichloropropane	12.77	75	10759m	24.682	ug/l	
77) Bromobenzene	12.75	156	19848	22.104	ug/l	96
78) n-propylbenzene	12.81	91	102253	22.429	ug/l	99
79) 2-Chlorotoluene	12.90	91	60055	21.771	ug/l	95
80) 1,3,5-Trimethylbenzene	12.95	105	76694	22.532	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	3893	19.728	ug/l	97
82) 4-Chlorotoluene	12.99	91	63449	21.821	ug/l	96
83) tert-Butylbenzene	13.21	119	66467	22.162	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	78187	22.322	ug/l	99
85) sec-Butylbenzene	13.39	105	91425	22.330	ug/l	96
86) p-Isopropyltoluene	13.51	119	82679	22.479	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	40602	22.679	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	40214	22.343	ug/l	98
89) n-Butylbenzene	13.83	91	74262	21.779	ug/l	99
90) Hexachloroethane	14.10	117	14376	21.967	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	36438	22.724	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2555	21.220	ug/l	96

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Instrument :
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Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 11 02:58:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	24651	22.339	ug/l	96
94) Hexachlorobutadiene	15.24	225	12809	21.877	ug/l	98
95) Naphthalene	15.38	128	46598	22.074	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	21246	22.164	ug/l	96

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

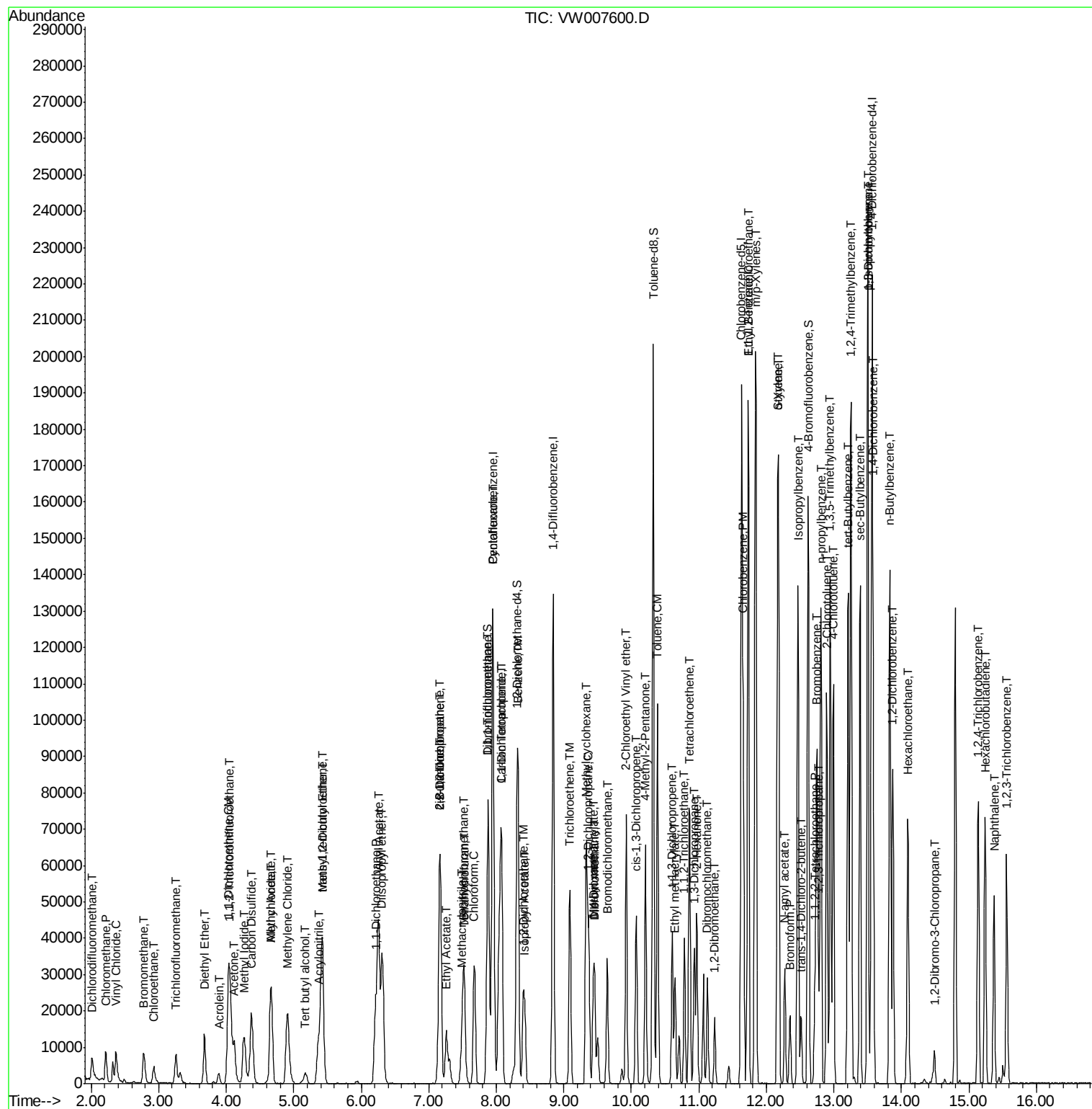
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Data File : VW007600.D
Acq On : 16 Dec 2018 00:47
Operator : SY/AP
Sample : VW1218SBS01
Misc : 5.00G/5ML/MSVOA_W/SOIL
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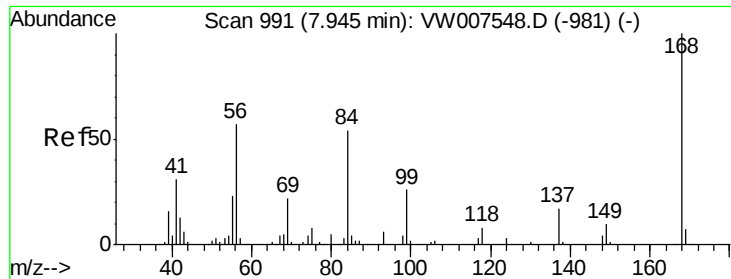
Instrument :
MSVOA_W
Client Sampled :
VW1218SBS01

Manual Integrations
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Quant Title : SW846 8260
QLast Update : Tue Dec 11 02:58:16 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007600.D

Acq: 16 Dec 2018 00:47

Instrument :

MSVOA_W

ClientSampleId :

VW1218SBS01

Tgt Ion:168 Resp: 67644

Ion Ratio Lower Upper

168 100

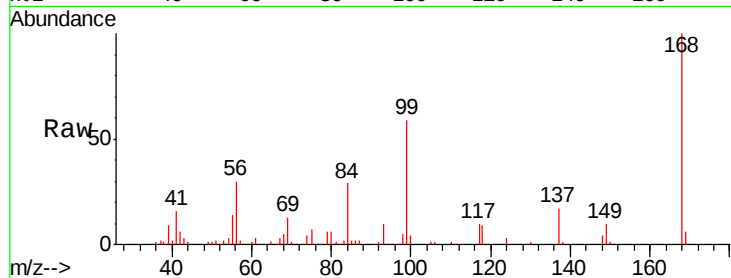
99 59.1 48.3 72.5

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

30000

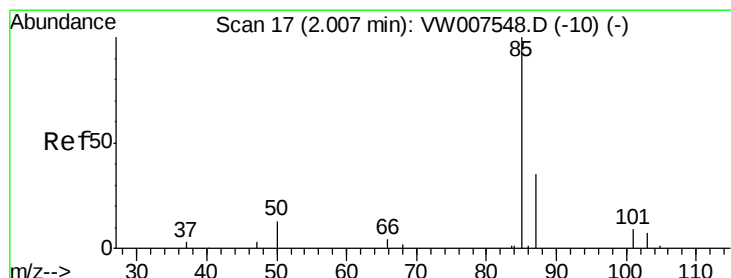
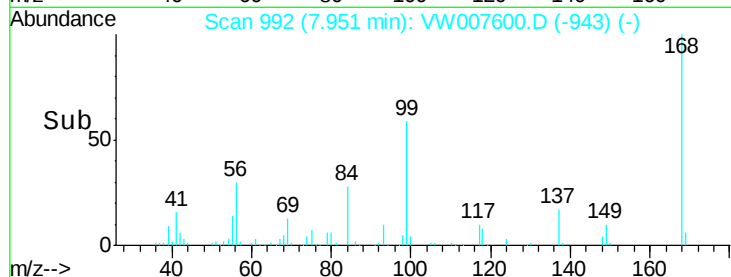
20000

10000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 24.832 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW007600.D

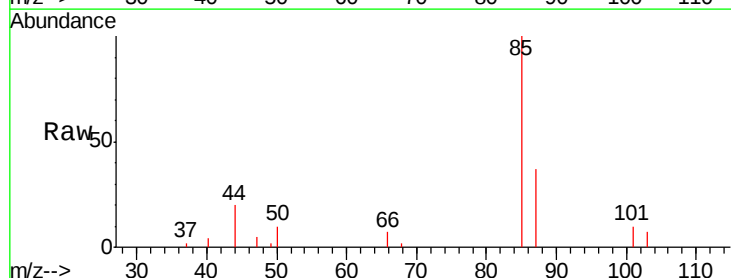
Acq: 16 Dec 2018 00:47

Tgt Ion: 85 Resp: 11738

Ion Ratio Lower Upper

85 100

87 37.2 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

4000

3000

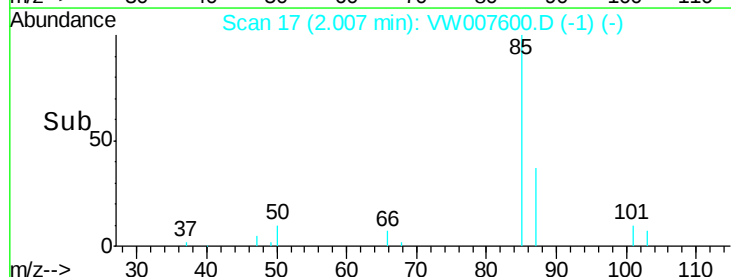
2000

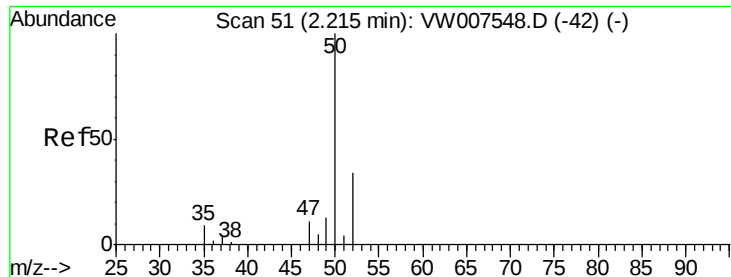
1000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 21.736 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW007600.D

Acq: 16 Dec 2018 00:47

Instrument :

MSVOA_W

ClientSampleId :

VW1218SBS01

Tgt Ion: 50 Resp: 8605

Ion Ratio Lower Upper

50 100

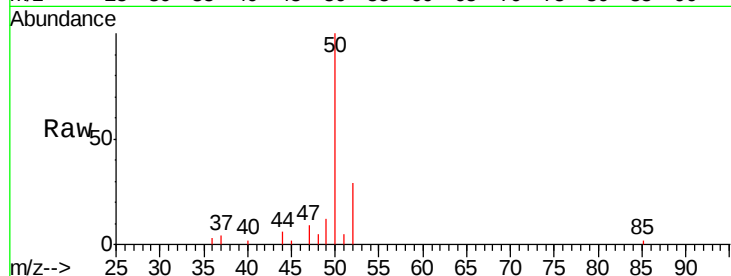
52 29.4 27.4 41.0

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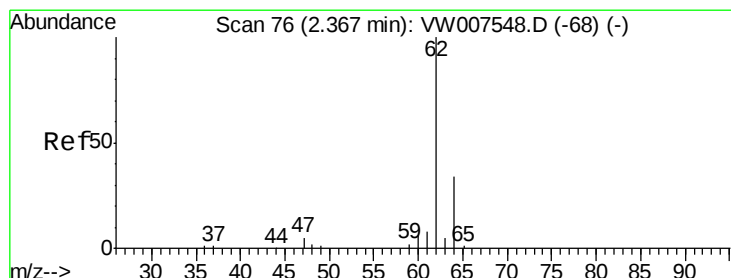
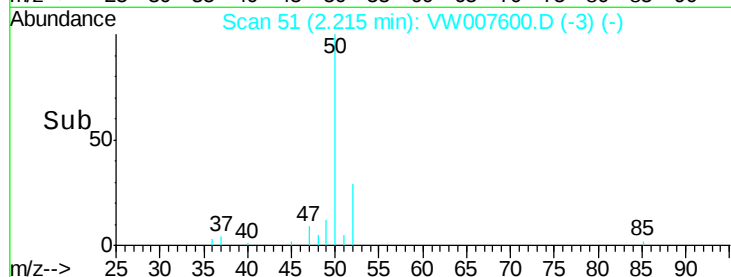
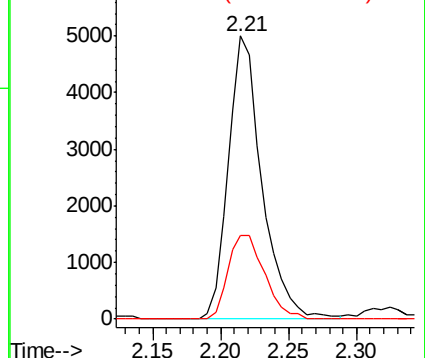
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Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 22.433 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW007600.D

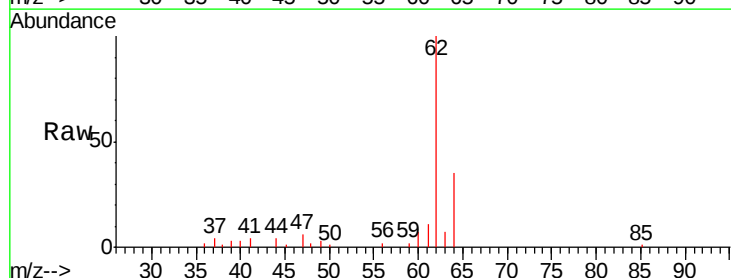
Acq: 16 Dec 2018 00:47

Tgt Ion: 62 Resp: 10422

Ion Ratio Lower Upper

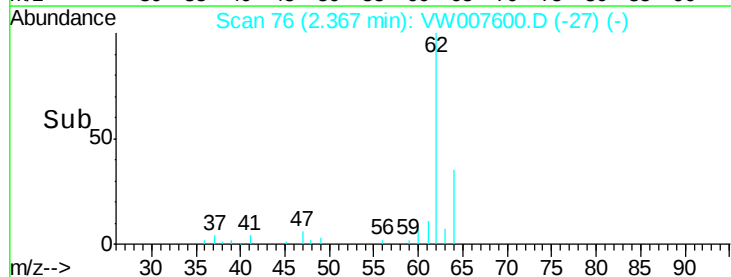
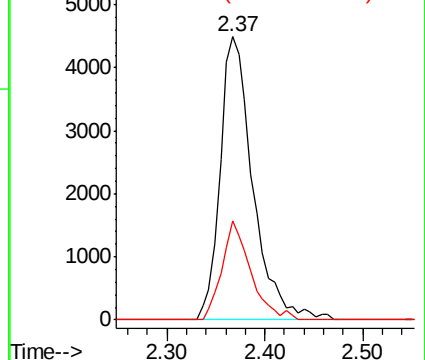
62 100

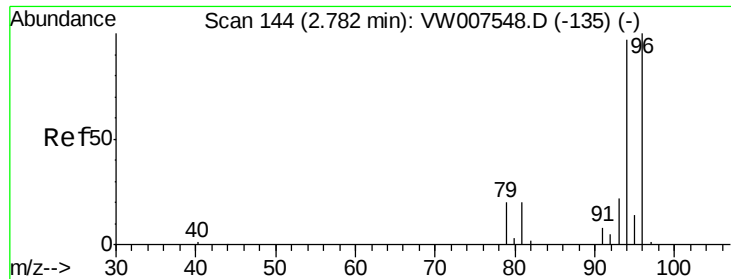
64 34.8 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 22.726 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.00 min

Lab File: VW007600.D

Acq: 16 Dec 2018 00:47

Instrument :

MSVOA_W

ClientSampleId :

VW1218SBS01

Tgt Ion: 94 Resp: 7094

Ion Ratio Lower Upper

94 100

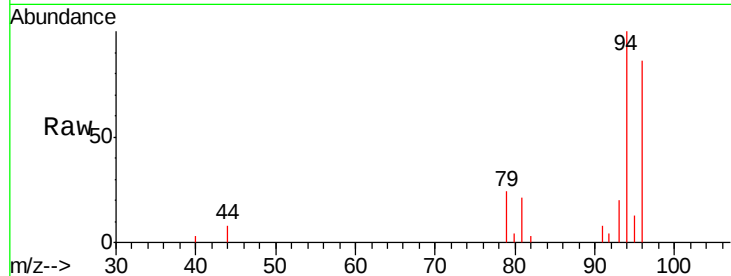
96 86.3 71.0 106.4

Manual Integrations

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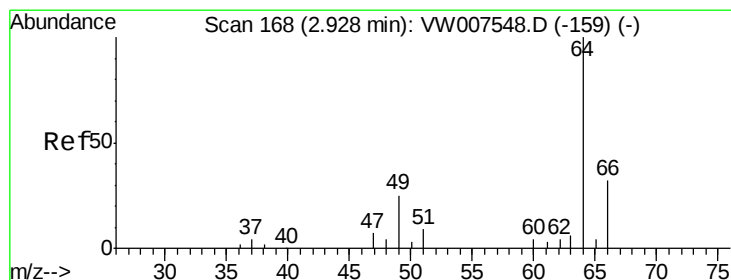
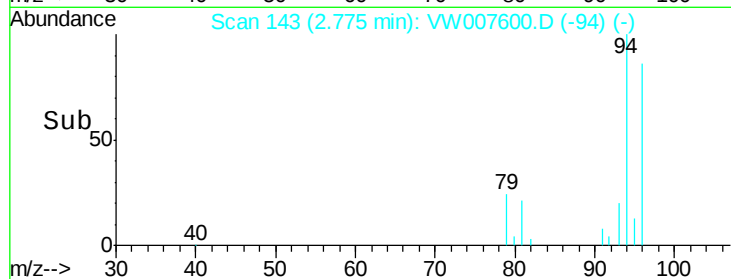
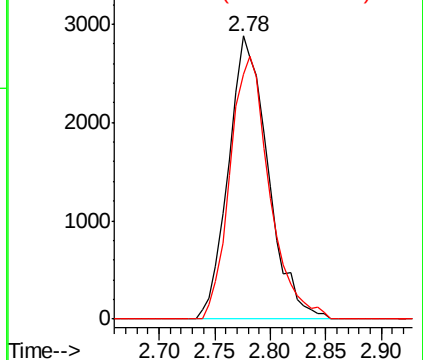
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Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 21.424 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.00 min

Lab File: VW007600.D

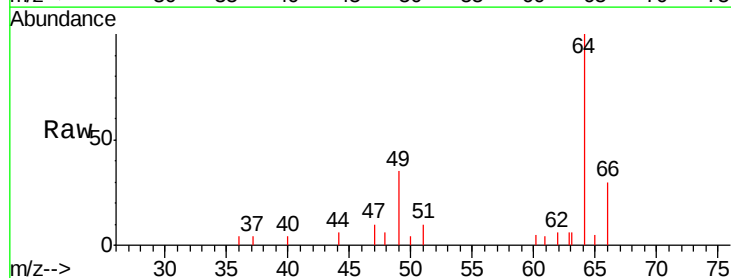
Acq: 16 Dec 2018 00:47

Tgt Ion: 64 Resp: 5479

Ion Ratio Lower Upper

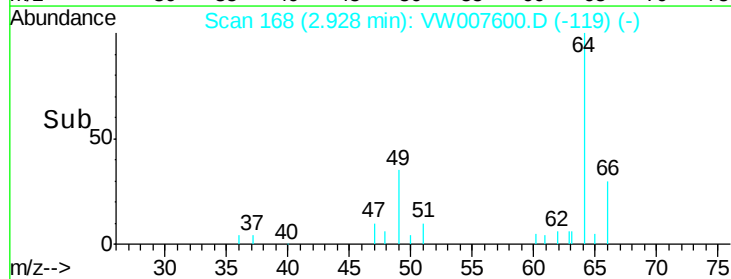
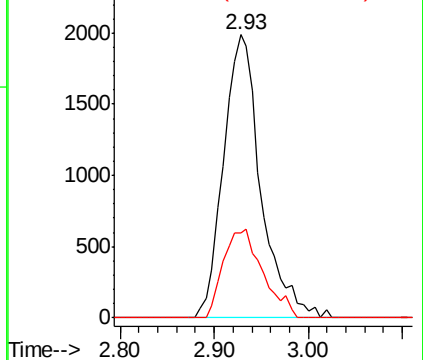
64 100

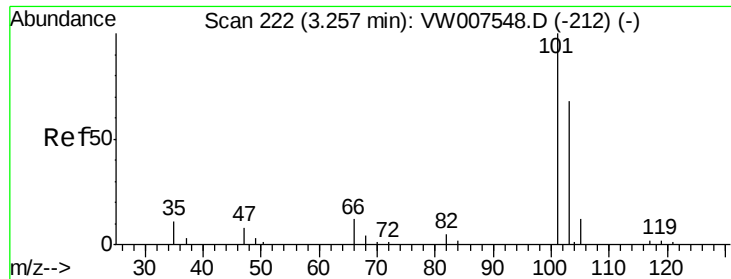
66 29.8 24.6 37.0



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW





#7

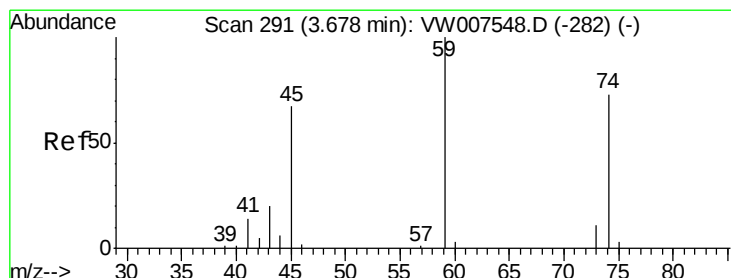
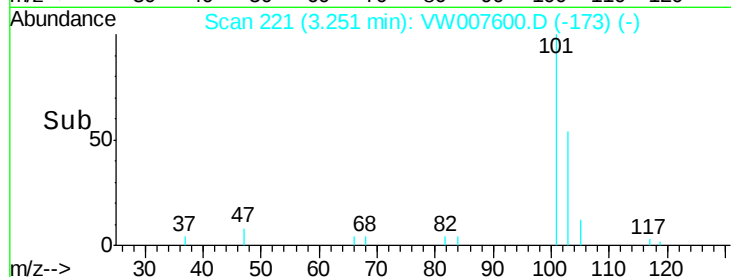
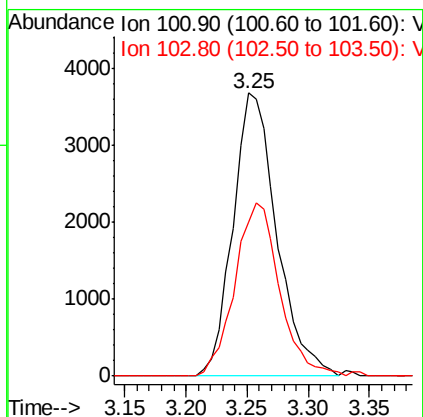
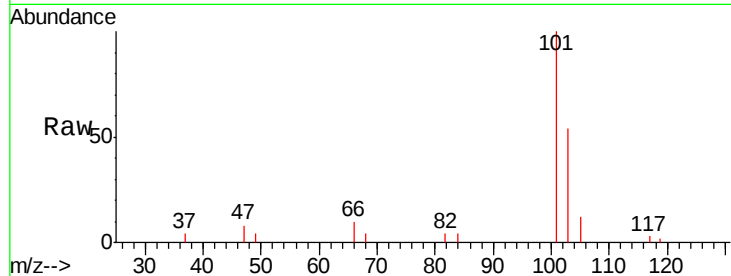
Trichlorofluoromethane
Concen: 21.890 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.01 min
Lab File: VW007600.D
Acq: 16 Dec 2018 00:47

Instrument :
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ClientSampleId :
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Tgt Ion: 101 Resp: 9143
Ion Ratio Lower Upper
101 100
103 54.3 51.7 77.5

Manual Integrations
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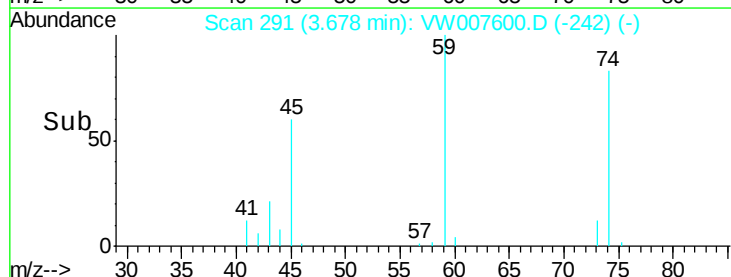
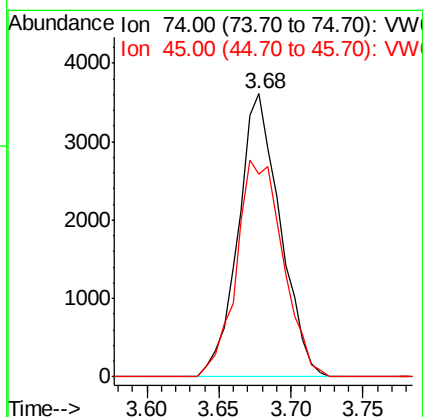
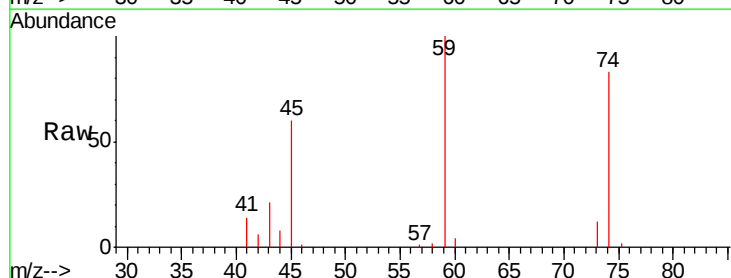
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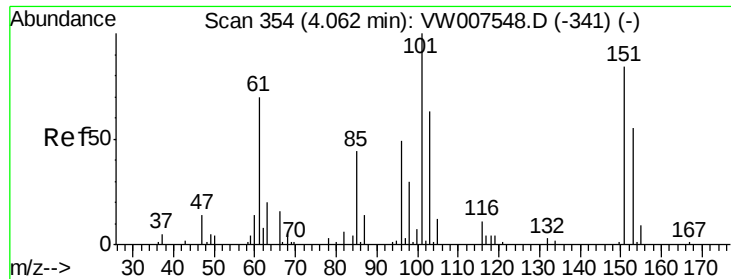


#8

Diethyl Ether
Concen: 22.263 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.00 min
Lab File: VW007600.D
Acq: 16 Dec 2018 00:47

Tgt Ion: 74 Resp: 7278
Ion Ratio Lower Upper
74 100
45 85.1 43.0 129.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.401 ug/l

RT: 4.05 min Scan# 352

Delta R.T. -0.00 min

Lab File: VW007600.D

Acq: 16 Dec 2018 00:47

Instrument :

MSVOA_W

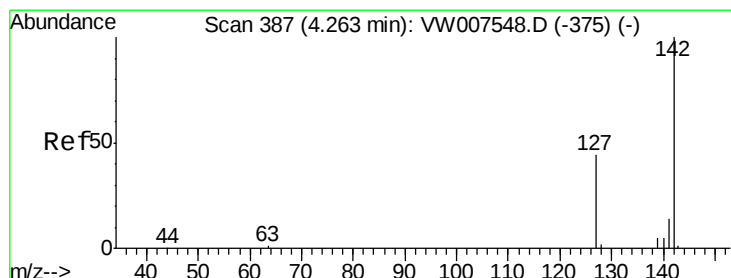
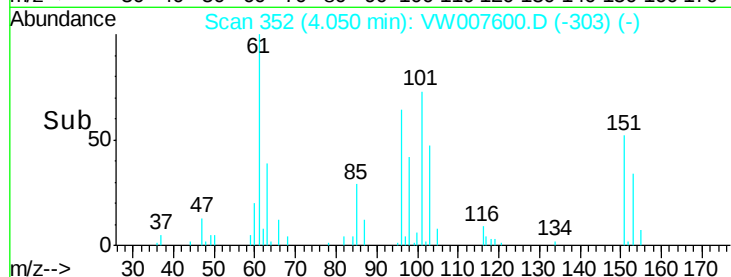
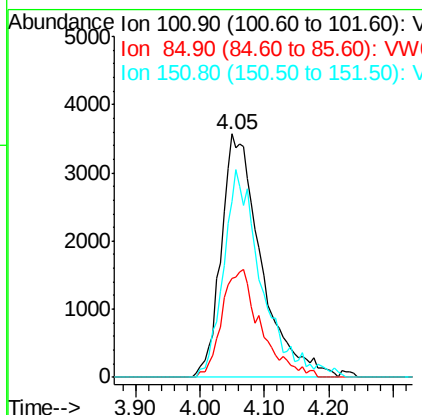
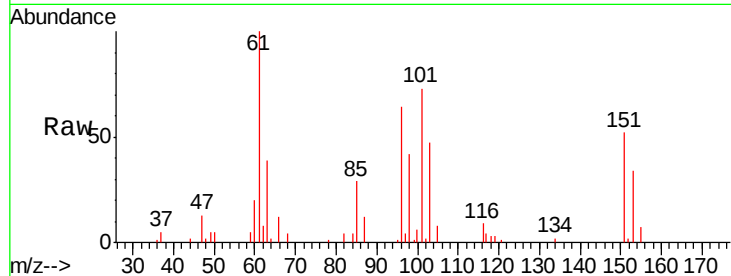
ClientSampleId :

VW1218SBS01

Tgt Ion:	101	Resp:	15439
Ion Ratio	Lower	Upper	
101	100		
85	43.2	33.9	50.9
151	79.7	63.7	95.5

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#10

Methyl Iodide

Concen: 22.999 ug/l

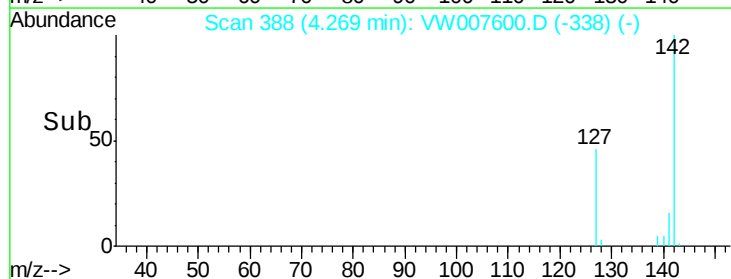
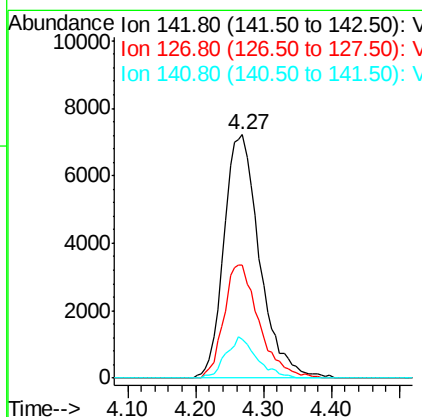
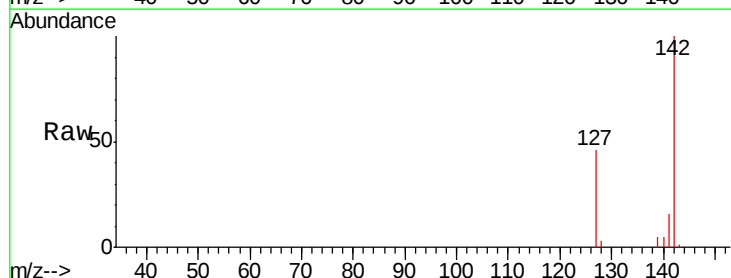
RT: 4.27 min Scan# 388

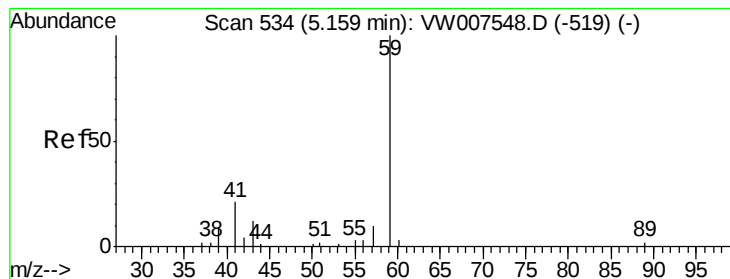
Delta R.T. 0.01 min

Lab File: VW007600.D

Acq: 16 Dec 2018 00:47

Tgt Ion:	142	Resp:	26252
Ion Ratio	Lower	Upper	
142	100		
127	45.7	35.8	53.6
141	14.7	11.1	16.7





#11

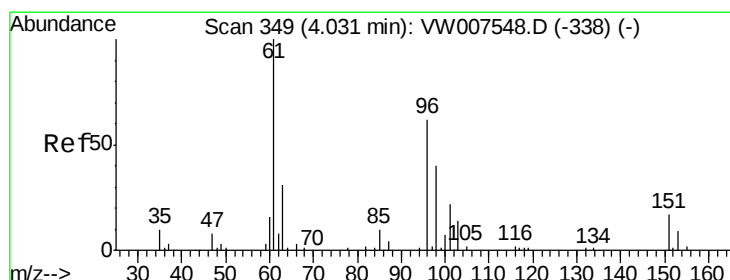
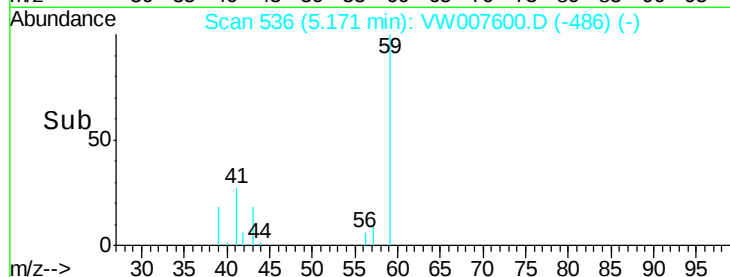
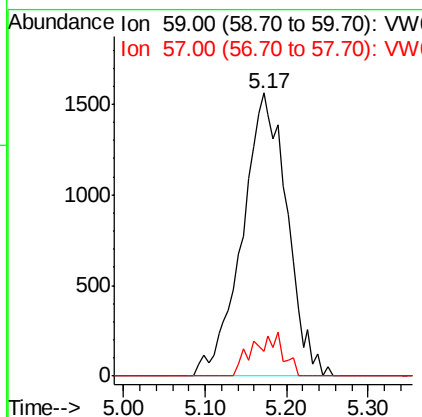
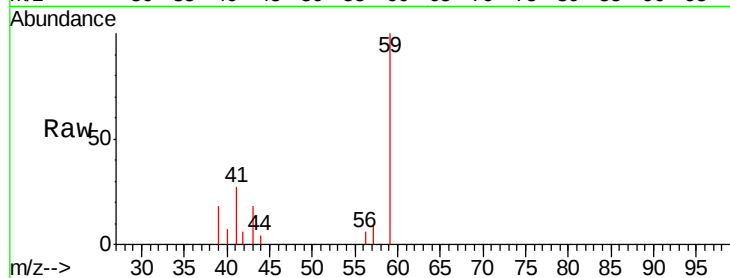
Tert butyl alcohol
Concen: 115.521 ug/l
RT: 5.17 min Scan# 536
Delta R.T. 0.01 min
Lab File: VW007600.D
Acq: 16 Dec 2018 00:47

Instrument :
MSVOA_W
ClientSampleId :
VW1218SBS01

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.4	7.6	11.4

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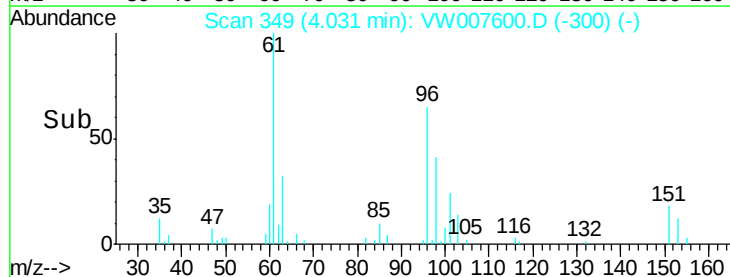
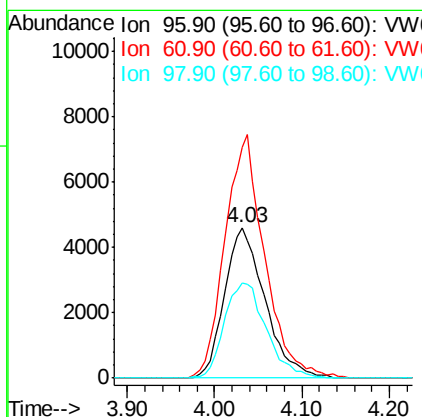
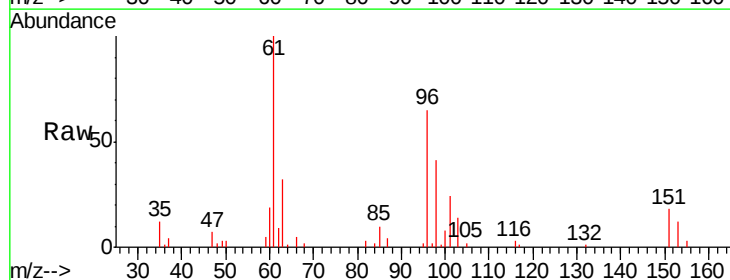
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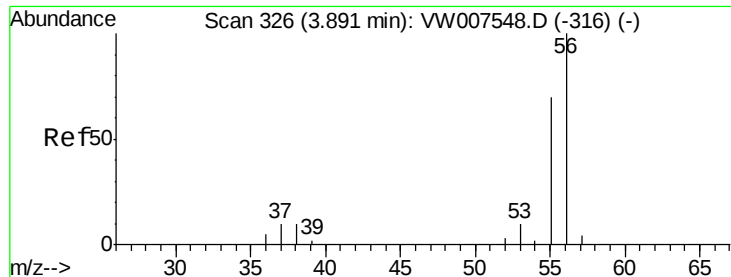


#12

1,1-Dichloroethene
Concen: 22.210 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.00 min
Lab File: VW007600.D
Acq: 16 Dec 2018 00:47

Tgt Ion	Ratio	Lower	Upper
96	100		
61	153.7	126.2	189.2
98	63.7	48.3	72.5





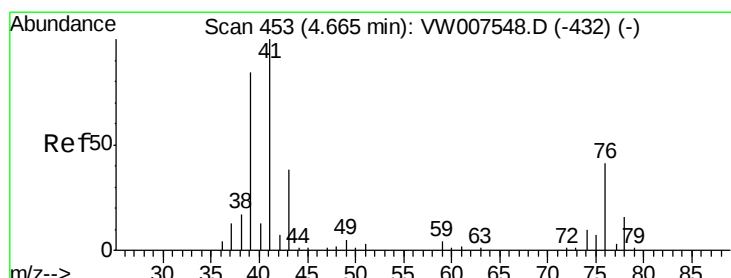
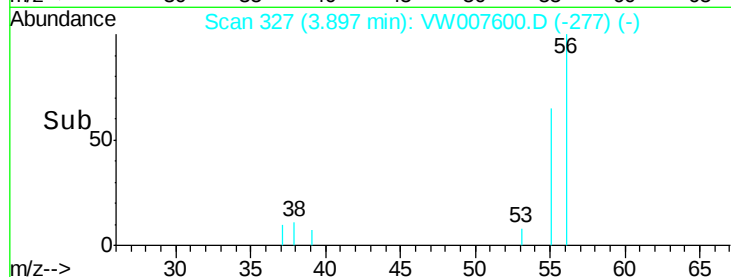
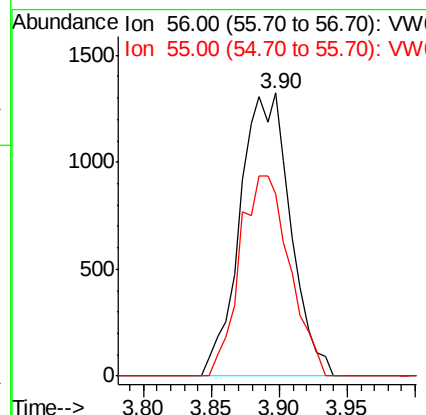
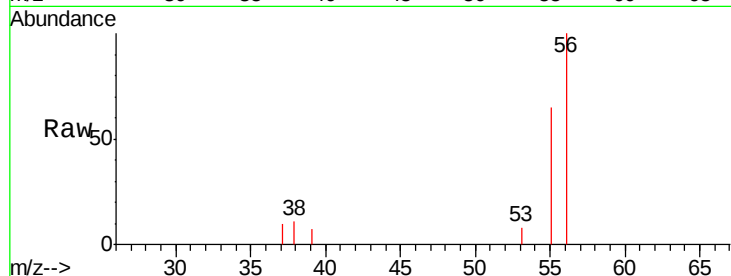
#13
Acrolein
Concen: 100.721 ug/l
RT: 3.90 min Scan# 327
Delta R.T. 0.01 min
Lab File: VW007600.D
Acq: 16 Dec 2018 00:47

Instrument :
MSVOA_W
ClientSampleId :
VW1218SBS01

Tgt Ion: 56 Resp: 3435
Ion Ratio Lower Upper
56 100
55 70.1 57.4 86.2

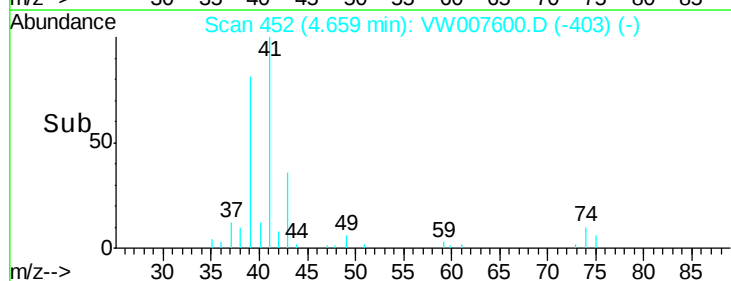
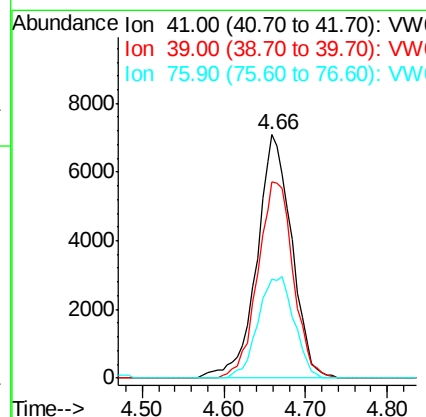
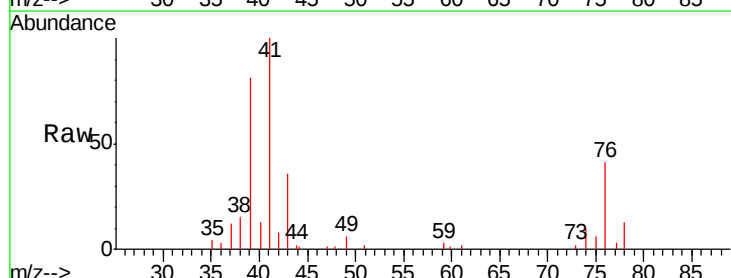
Manual Integrations
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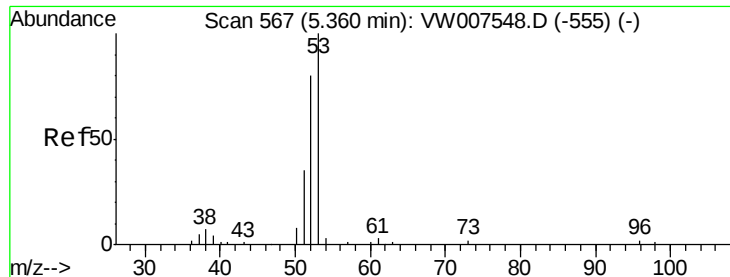
apatel
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#14
Allyl chloride
Concen: 21.525 ug/l
RT: 4.66 min Scan# 452
Delta R.T. -0.00 min
Lab File: VW007600.D
Acq: 16 Dec 2018 00:47

Tgt Ion: 41 Resp: 21054
Ion Ratio Lower Upper
41 100
39 81.9 63.4 95.2
76 43.0 32.1 48.1





#15

Acrylonitrile

Concen: 110.120 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.01 min

Lab File: VW007600.D

Acq: 16 Dec 2018 00:47

Instrument :

MSVOA_W

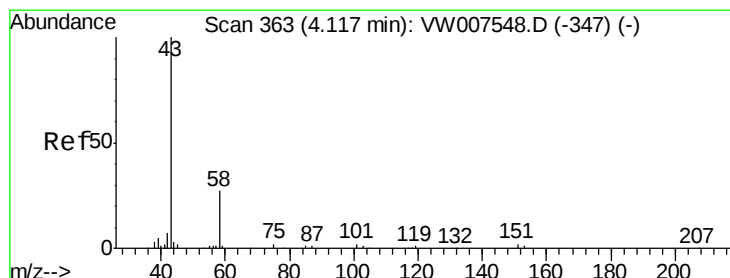
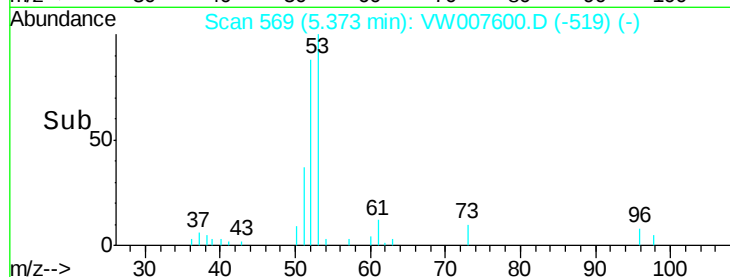
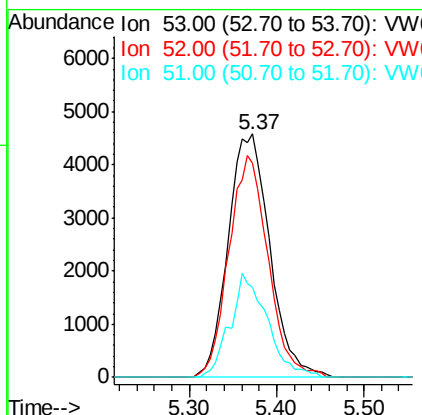
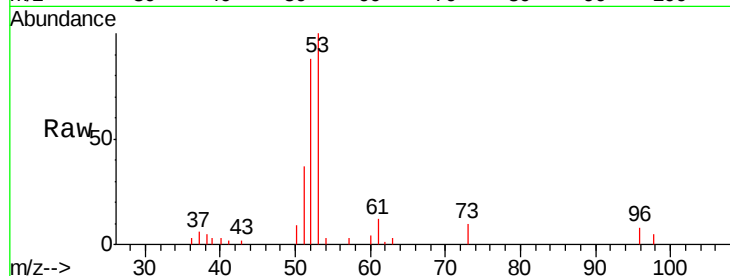
ClientSampleId :

VW1218SBS01

Tgt Ion:	53	Resp:	15176
Ion Ratio	Lower	Upper	
53	100		
52	85.6	67.4	101.2
51	38.1	30.2	45.2

Manual Integrations
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#16

Acetone

Concen: 101.036 ug/l

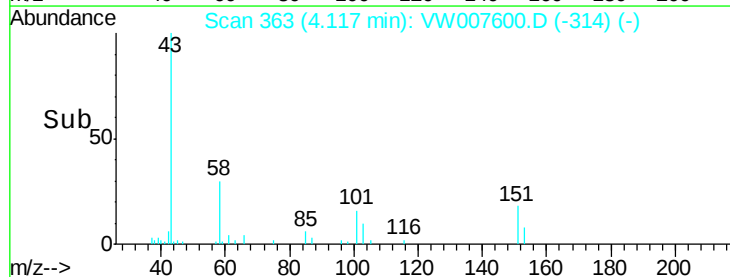
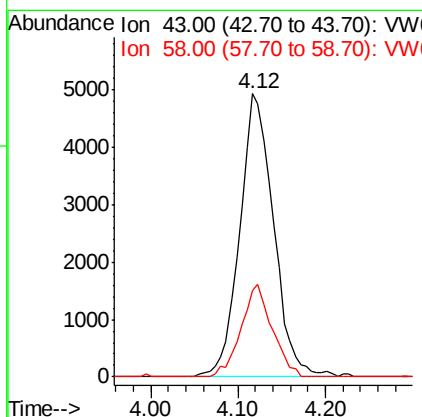
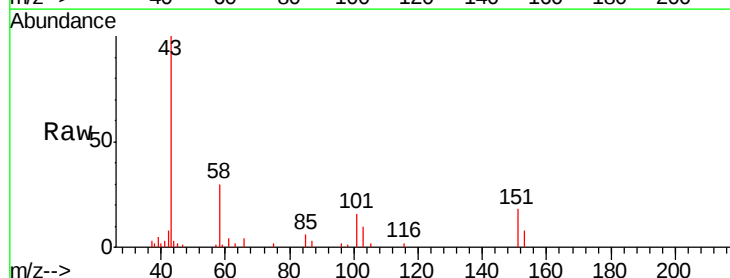
RT: 4.12 min Scan# 363

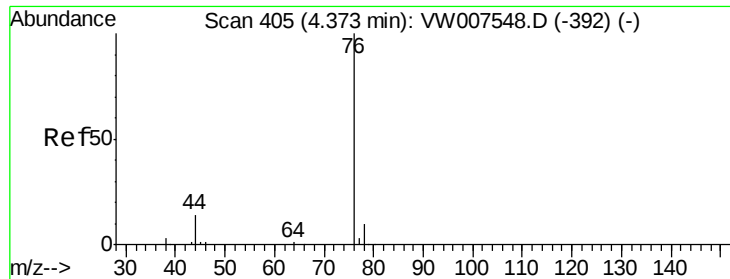
Delta R.T. -0.00 min

Lab File: VW007600.D

Acq: 16 Dec 2018 00:47

Tgt Ion:	43	Resp:	13244
Ion Ratio	Lower	Upper	
43	100		
58	30.5	24.9	37.3





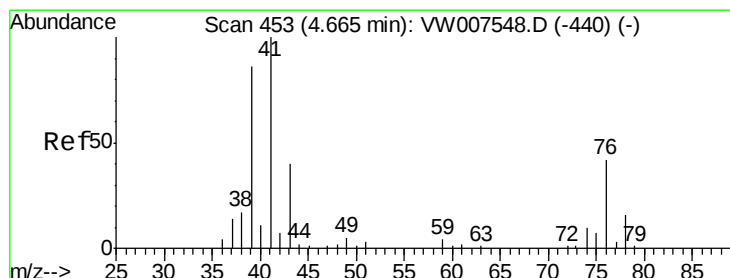
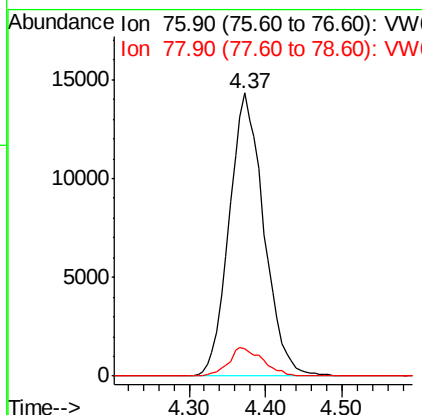
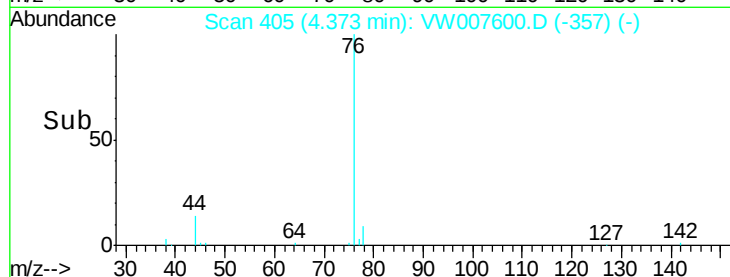
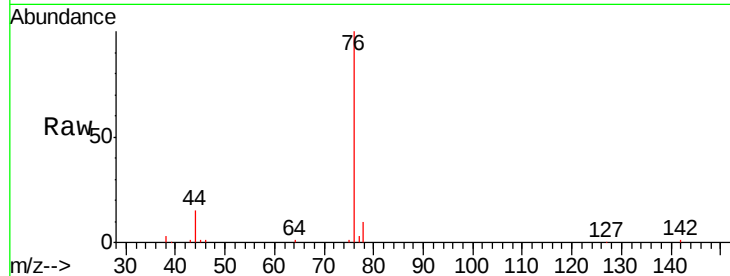
#17
Carbon Disulfide
Concen: 22.352 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW007600.D
Acq: 16 Dec 2018 00:47

Instrument :
MSVOA_W
ClientSampleId :
VW1218SBS01

Tgt Ion: 76 Resp: 44972
Ion Ratio Lower Upper
76 100
78 9.7 7.1 10.7

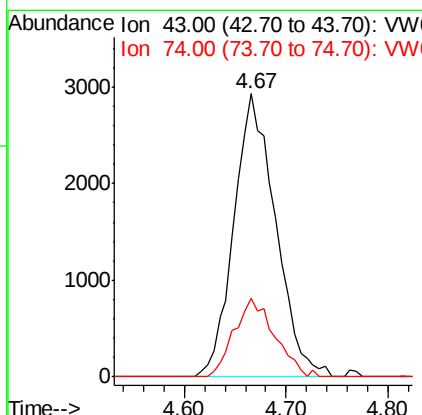
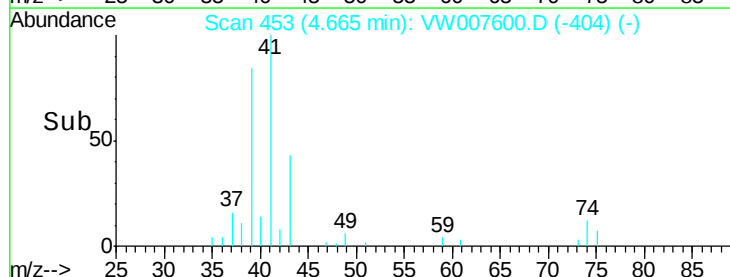
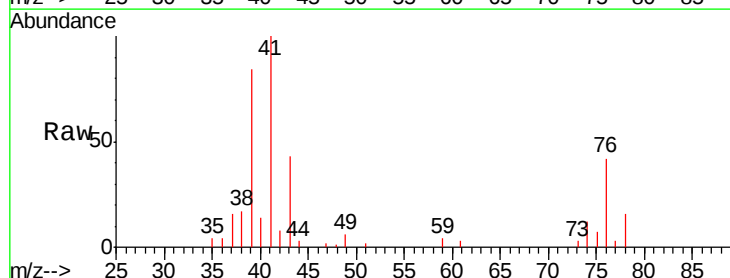
Manual Integrations
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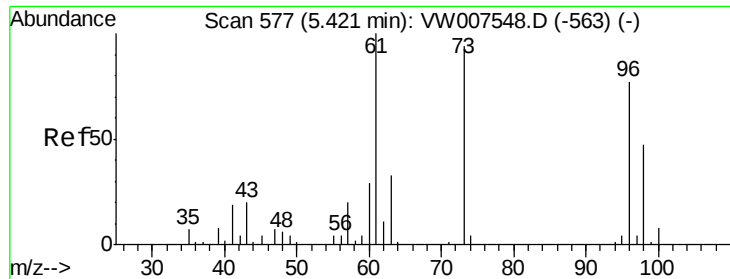
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#18
Methyl Acetate
Concen: 23.358 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW007600.D
Acq: 16 Dec 2018 00:47

Tgt Ion: 43 Resp: 8310
Ion Ratio Lower Upper
43 100
74 26.8 21.1 31.7





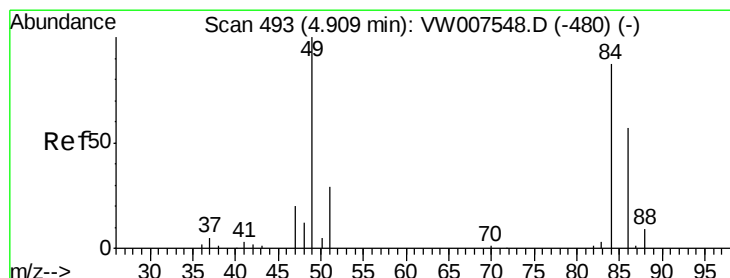
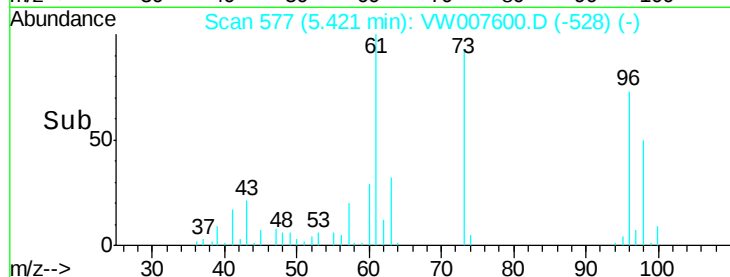
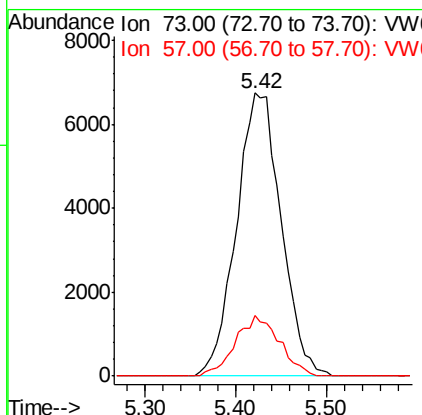
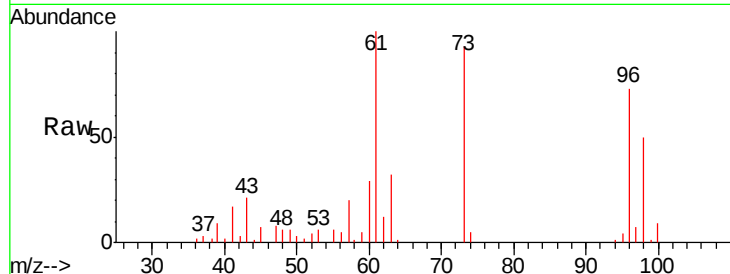
#19
Methyl tert-butyl Ether
Concen: 23.004 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.00 min
Lab File: VW007600.D
Acq: 16 Dec 2018 00:47

Instrument :
MSVOA_W
ClientSampleId :
VW1218SBS01

Tgt Ion: 73 Resp: 23028
Ion Ratio Lower Upper
73 100
57 21.2 16.4 24.6

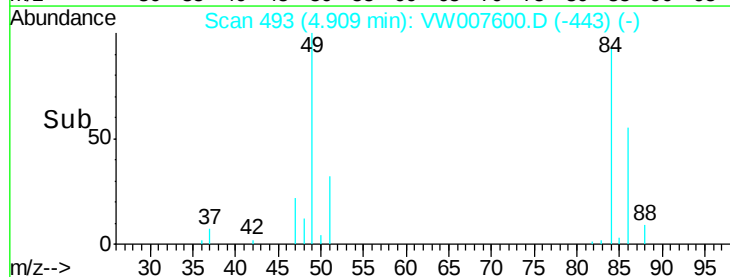
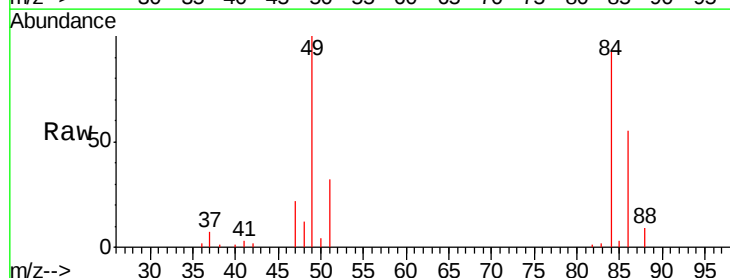
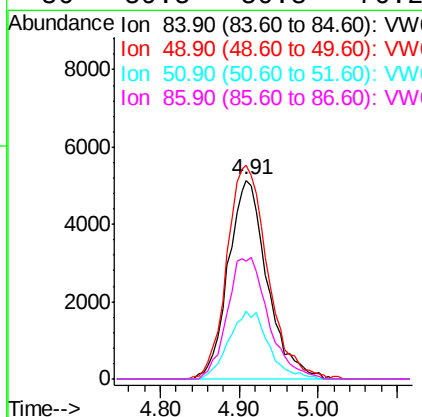
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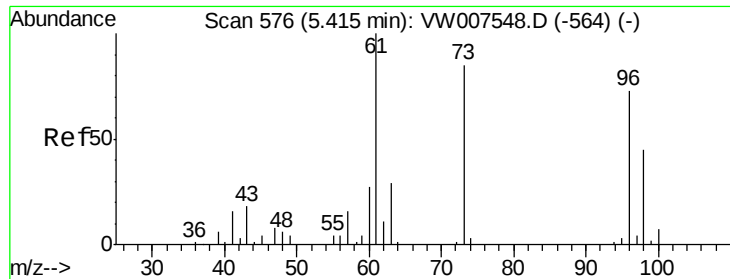
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#20
Methylene Chloride
Concen: 22.366 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.01 min
Lab File: VW007600.D
Acq: 16 Dec 2018 00:47

Tgt Ion: 84 Resp: 17585
Ion Ratio Lower Upper
84 100
49 107.5 87.1 130.7
51 34.4 28.2 42.2
86 59.5 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 22.116 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.00 min

Lab File: VW007600.D

Acq: 16 Dec 2018 00:47

Instrument :

MSVOA_W

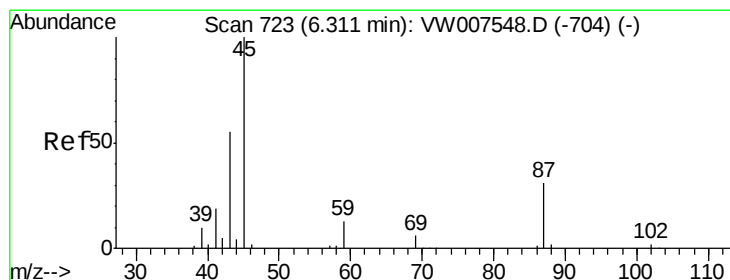
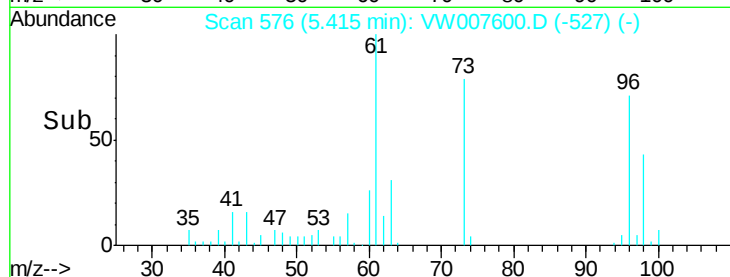
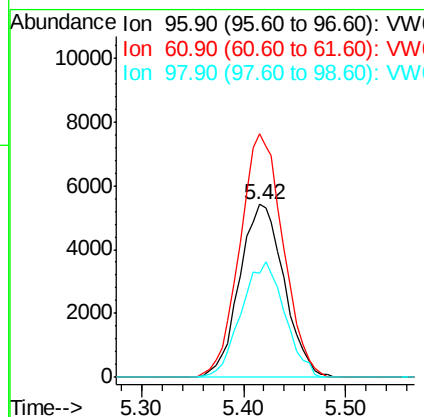
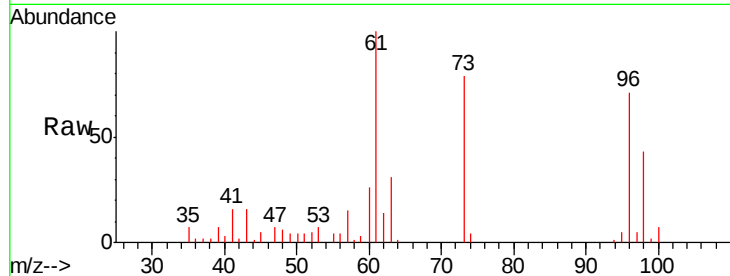
ClientSampleId :

VW1218SBS01

Tgt Ion:	96	Resp:	16417
Ion	Ratio	Lower	Upper
96	100		
61	140.9	105.0	157.6
98	60.1	49.7	74.5

Manual Integrations
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#22

Diisopropyl ether

Concen: 22.336 ug/l

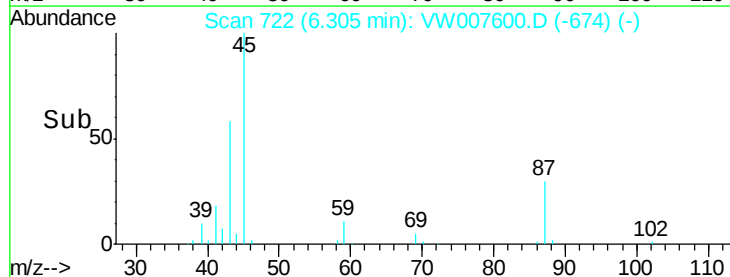
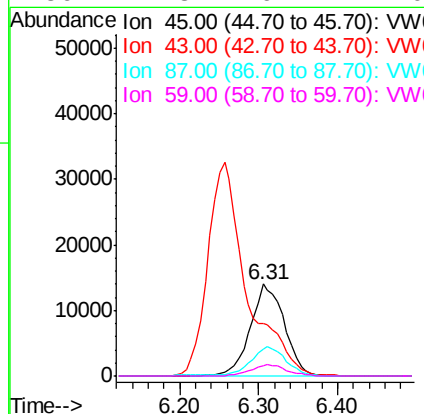
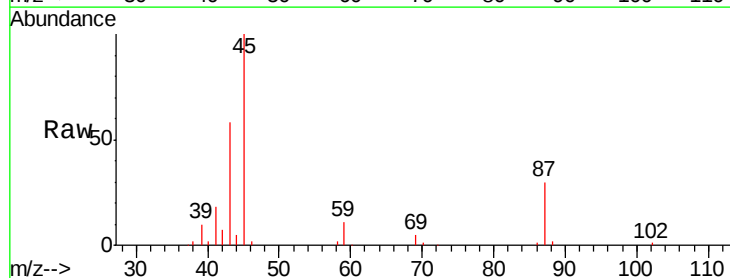
RT: 6.31 min Scan# 722

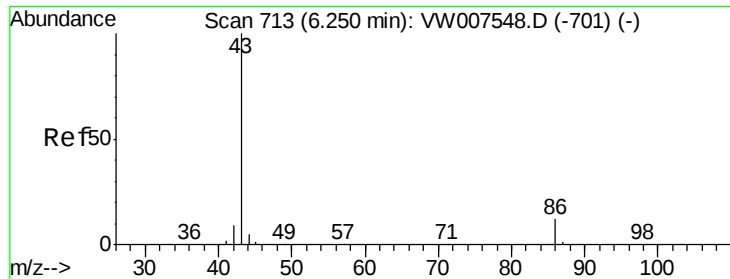
Delta R.T. -0.01 min

Lab File: VW007600.D

Acq: 16 Dec 2018 00:47

Tgt Ion:	45	Resp:	41993
Ion	Ratio	Lower	Upper
45	100		
43	57.3	41.6	62.4
87	29.5	24.3	36.5
59	11.3	9.4	14.0





#23

Vinyl Acetate

Concen: 105.976 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.01 min

Lab File: VW007600.D

Acq: 16 Dec 2018 00:47

Instrument :

MSVOA_W

ClientSampleId :

VW1218SBS01

Tgt Ion: 43 Resp: 111443

Ion Ratio Lower Upper

43 100

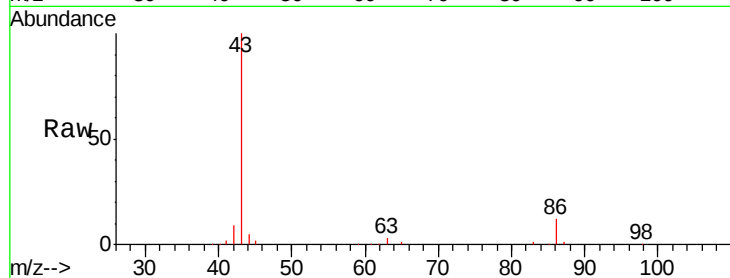
86 12.2 8.6 12.8

Manual Integrations

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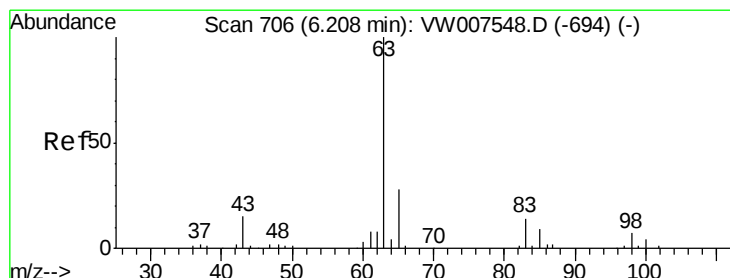
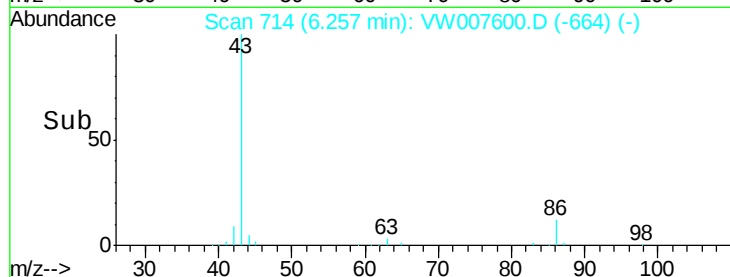
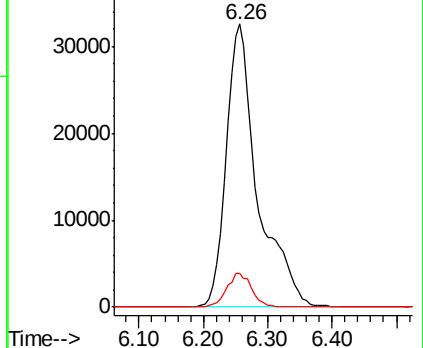
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 22.030 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW007600.D

Acq: 16 Dec 2018 00:47

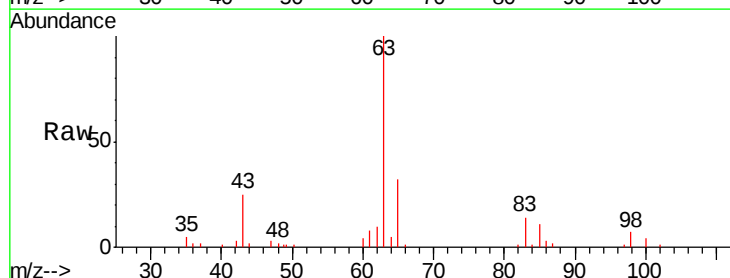
Tgt Ion: 63 Resp: 27993

Ion Ratio Lower Upper

63 100

98 7.5 3.5 10.4

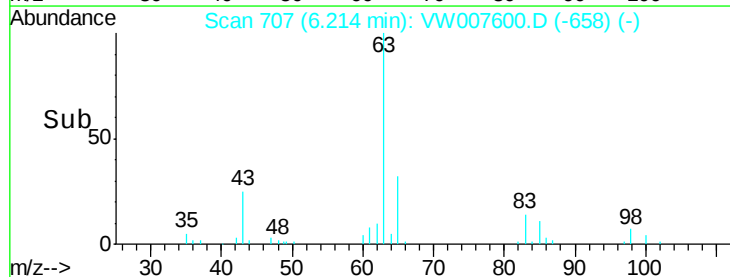
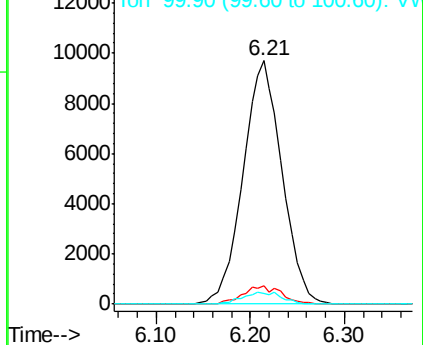
100 4.4 2.5 7.5

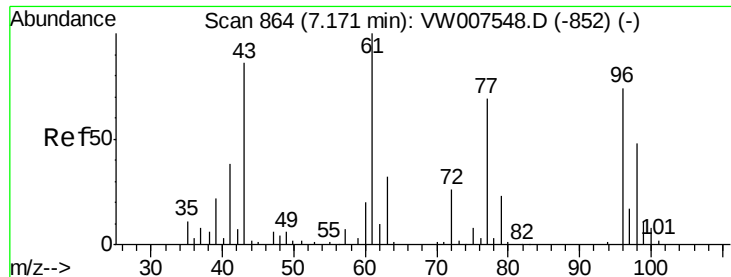


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 104.758 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW007600.D

Acq: 16 Dec 2018 00:47

Instrument :

MSVOA_W

ClientSampleId :

VW1218SBS01

Tgt Ion: 43 Resp: 17927

Ion Ratio Lower Upper

43 100

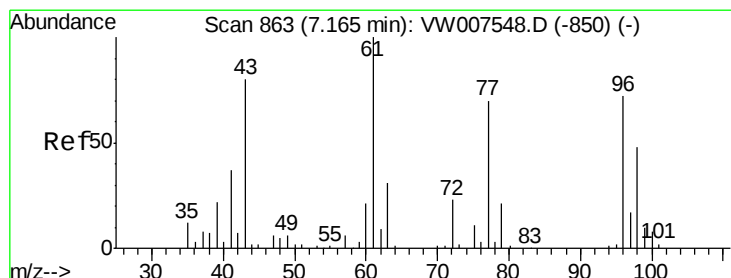
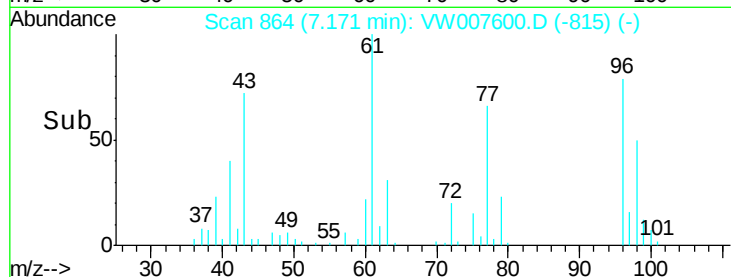
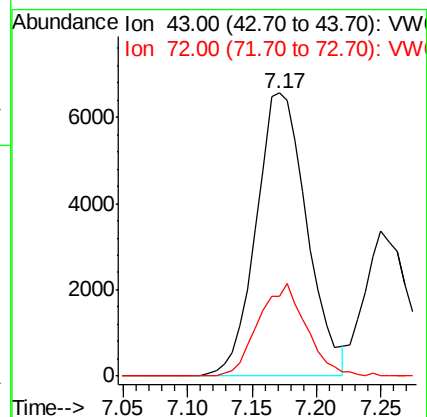
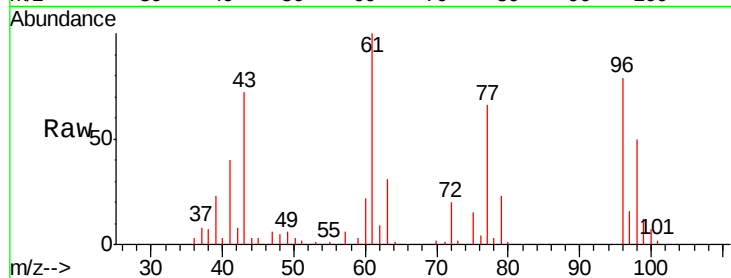
72 28.0 23.4 35.2

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#26

2,2-Dichloropropane

Concen: 22.216 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW007600.D

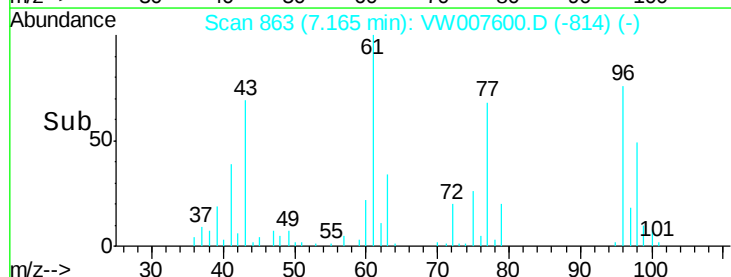
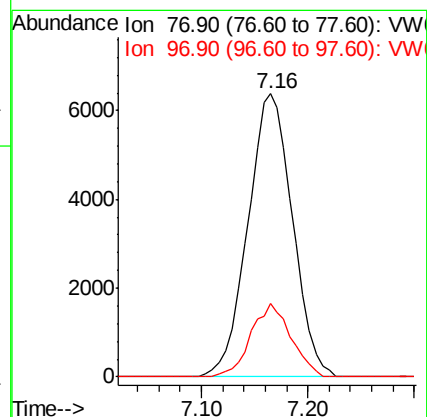
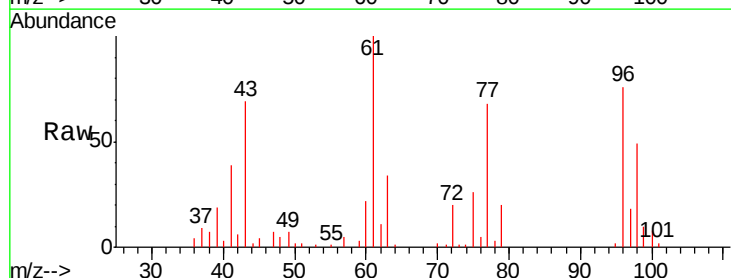
Acq: 16 Dec 2018 00:47

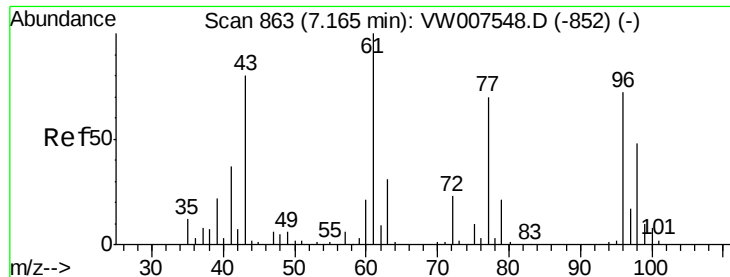
Tgt Ion: 77 Resp: 18683

Ion Ratio Lower Upper

77 100

97 23.3 11.6 34.8





#27

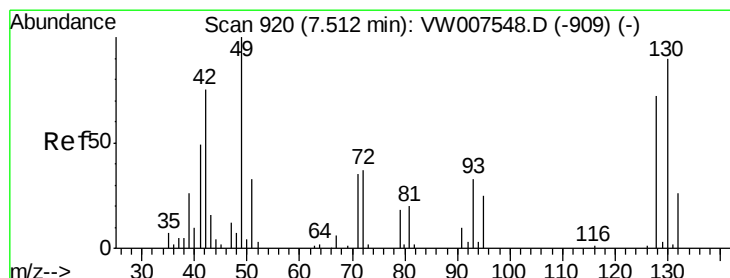
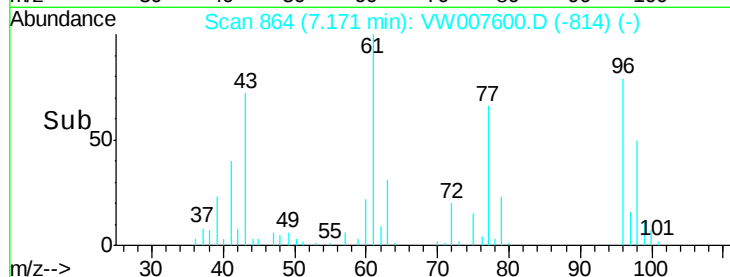
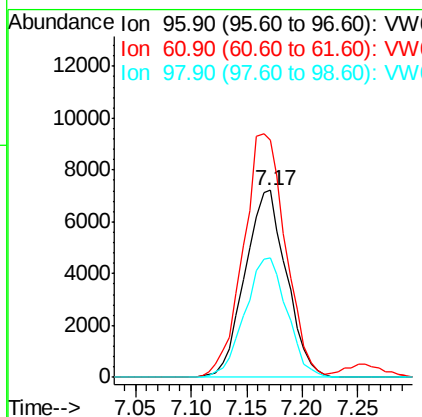
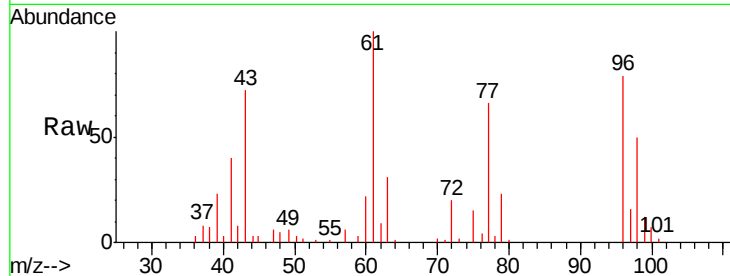
cis-1,2-Dichloroethene
Concen: 23.047 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW007600.D
Acq: 16 Dec 2018 00:47

Instrument :
MSVOA_W
ClientSampleId :
VW1218SBS01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	132.5	0.0	268.4
98	64.6	0.0	127.8

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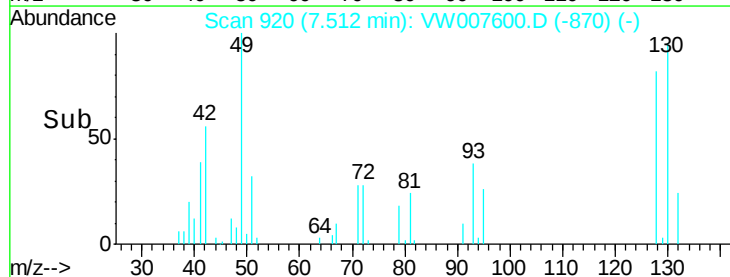
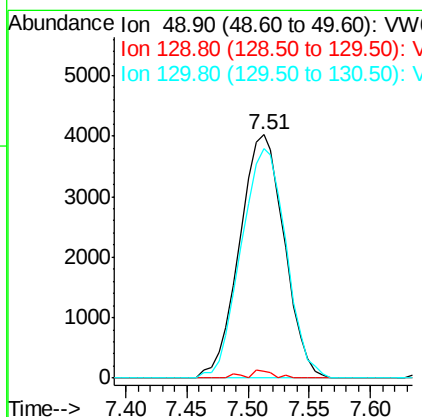
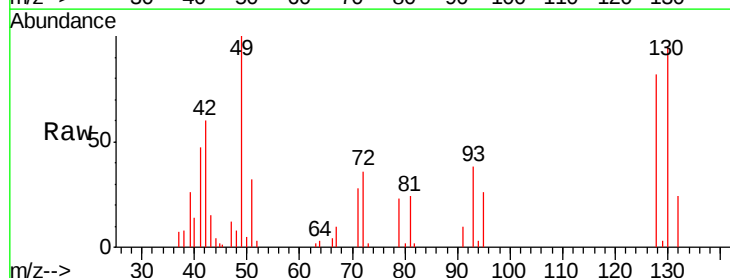
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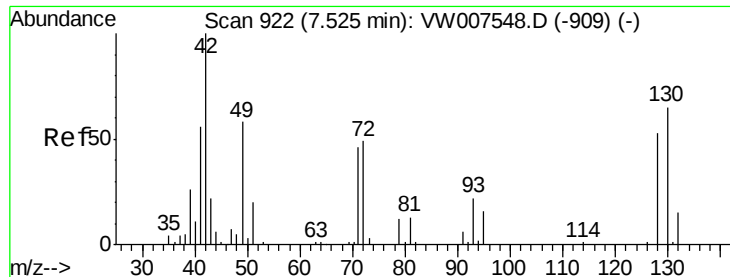


#28

Bromochloromethane
Concen: 21.389 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.01 min
Lab File: VW007600.D
Acq: 16 Dec 2018 00:47

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	2.6
130	94.8	75.9	113.9





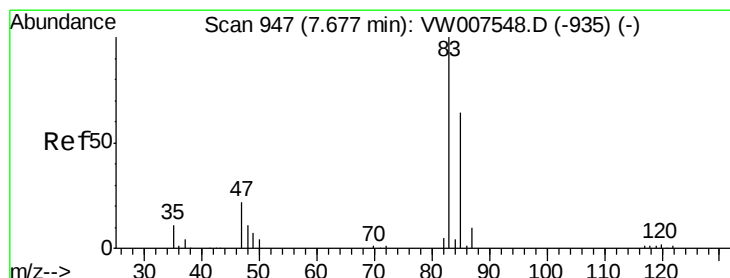
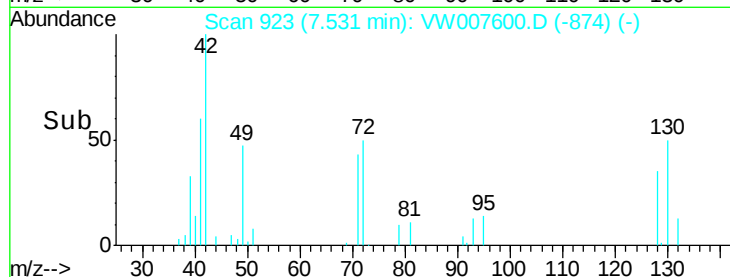
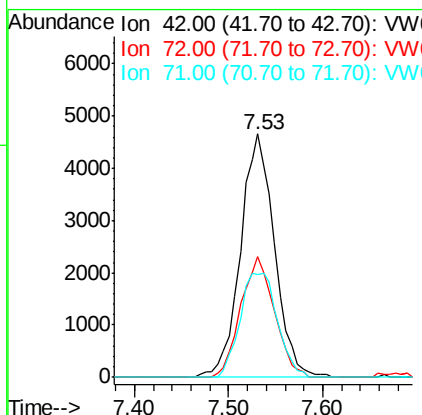
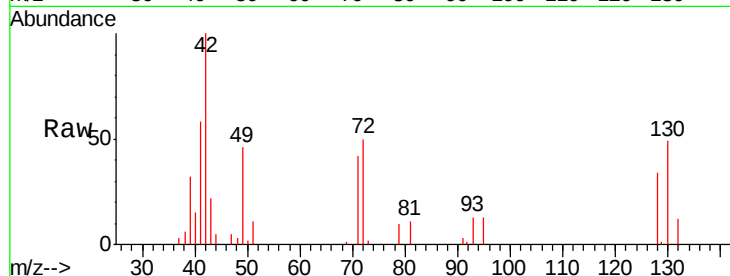
#29
Tetrahydrofuran
Concen: 108.607 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW007600.D
Acq: 16 Dec 2018 00:47

Instrument :
MSVOA_W
ClientSampleId :
VW1218SBS01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	49.0	38.2	57.4
71	47.1	35.5	53.3

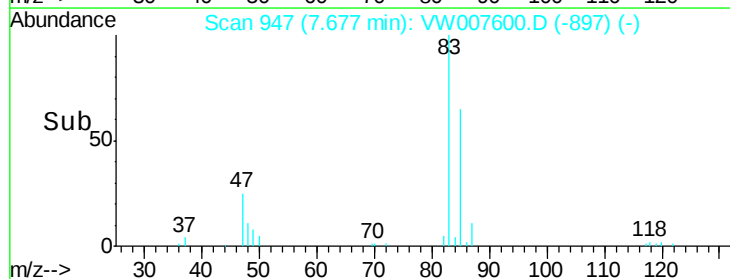
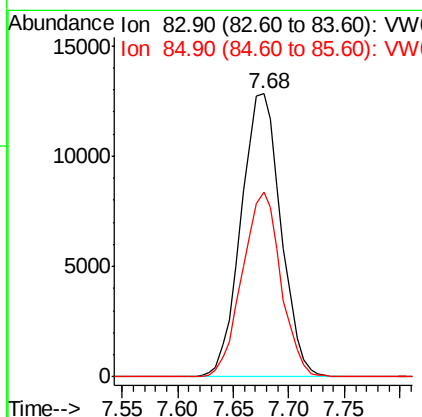
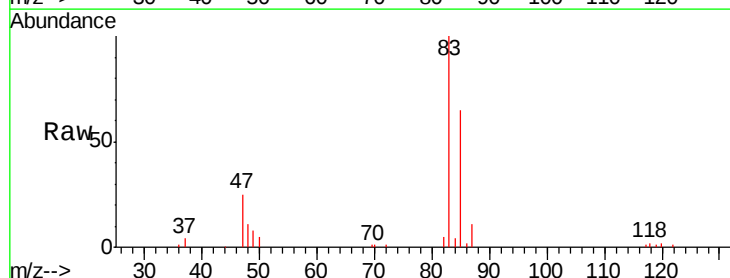
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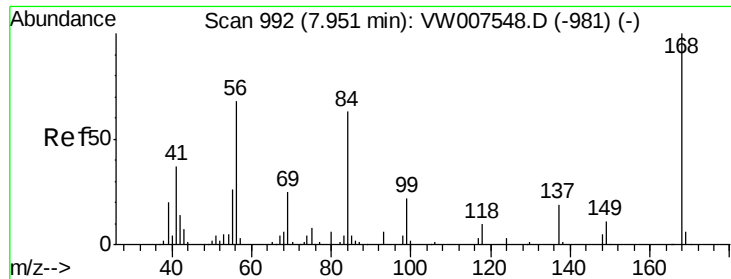
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#30
Chloroform
Concen: 23.033 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.01 min
Lab File: VW007600.D
Acq: 16 Dec 2018 00:47

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	51.8	77.8





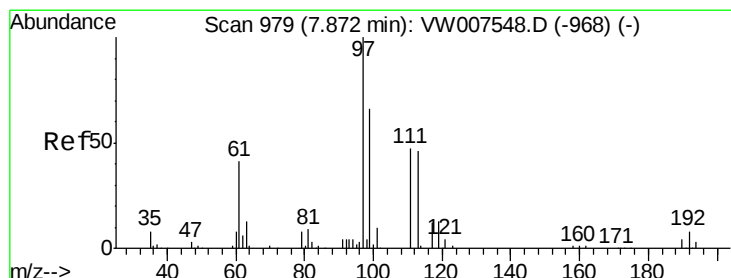
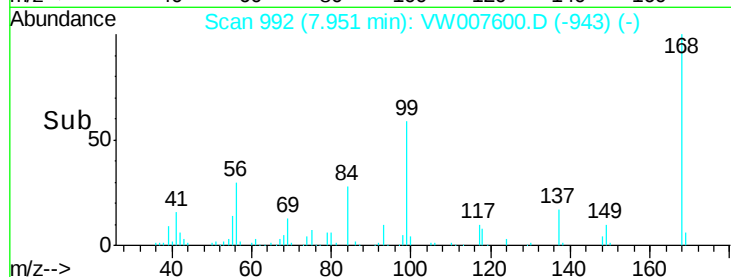
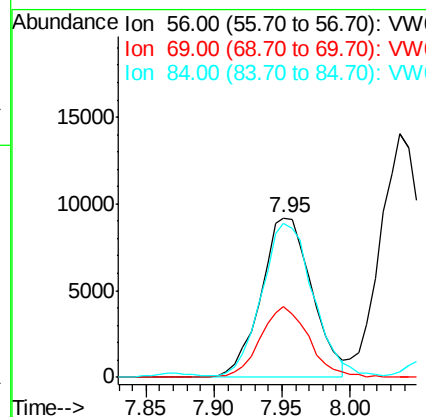
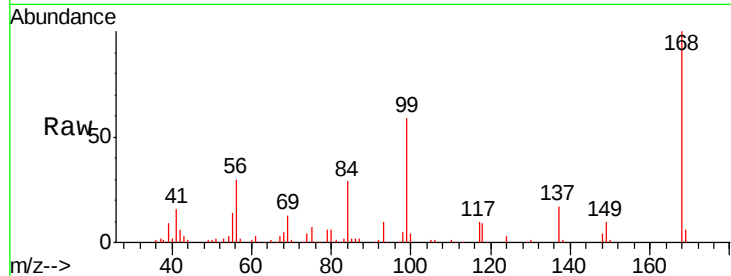
#31
Cyclohexane
Concen: 20.662 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW007600.D
Acq: 16 Dec 2018 00:47

Instrument :
MSVOA_W
ClientSampleId :
VW1218SBS01

Tgt Ion: 56 Resp: 24088
Ion Ratio Lower Upper
56 100
69 44.6 28.9 43.3#
84 94.6 71.8 107.6

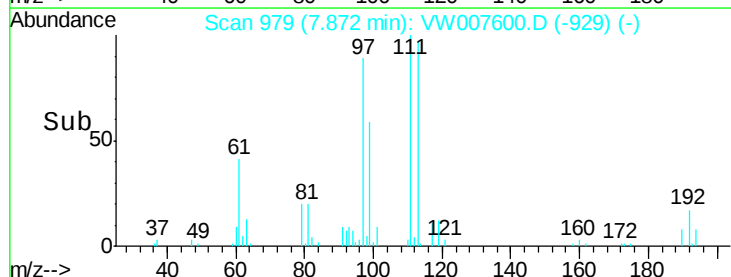
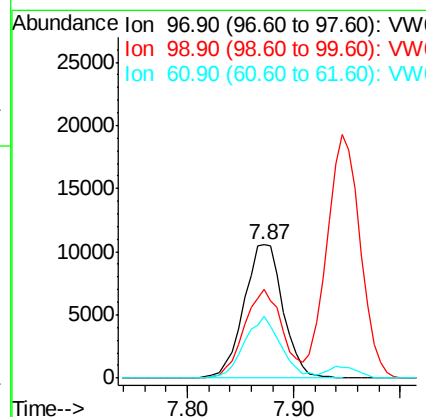
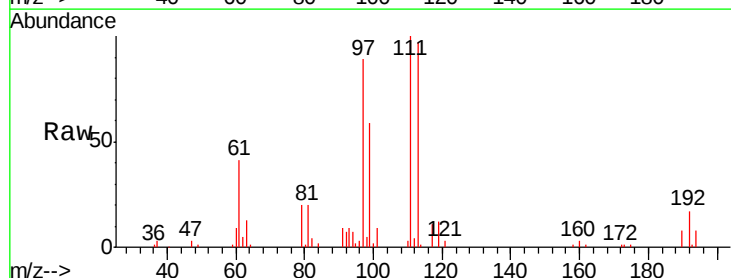
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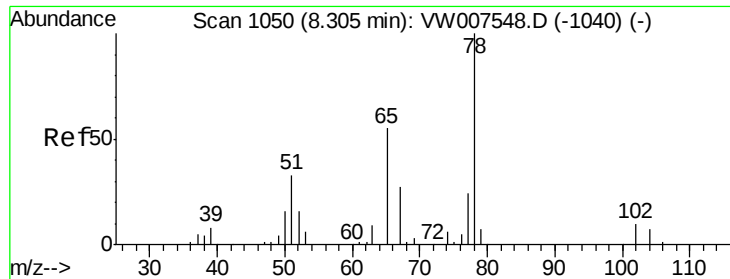
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#32
1,1,1-Trichloroethane
Concen: 22.549 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.01 min
Lab File: VW007600.D
Acq: 16 Dec 2018 00:47

Tgt Ion: 97 Resp: 27343
Ion Ratio Lower Upper
97 100
99 65.3 51.1 76.7
61 43.5 33.2 49.8





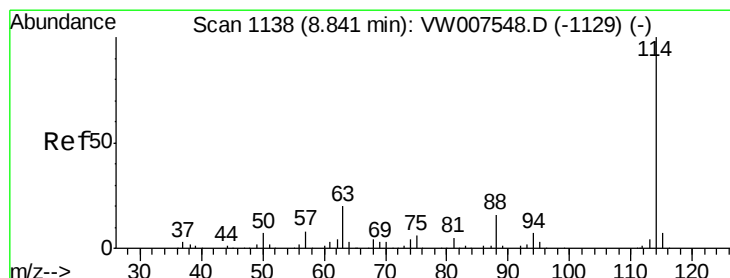
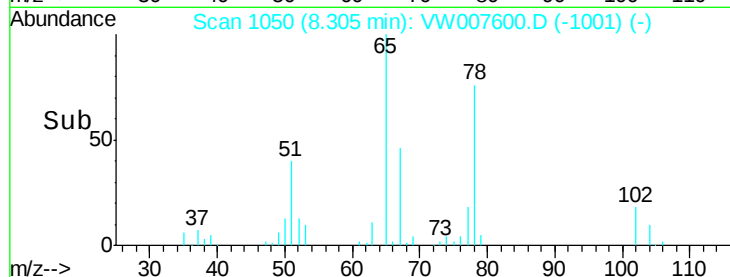
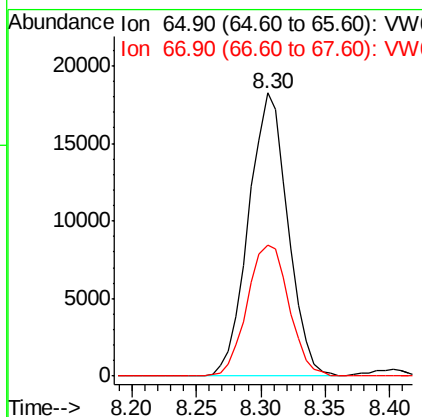
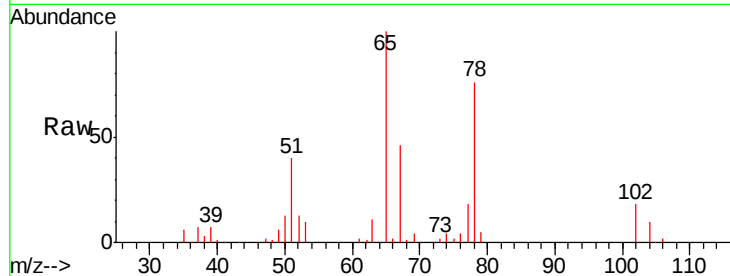
#33
 1,2-Dichloroethane-d4
 Concen: 51.225 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007600.D
 Acq: 16 Dec 2018 00:47

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1218SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	38442		
67	49.1	0.0	101.6	

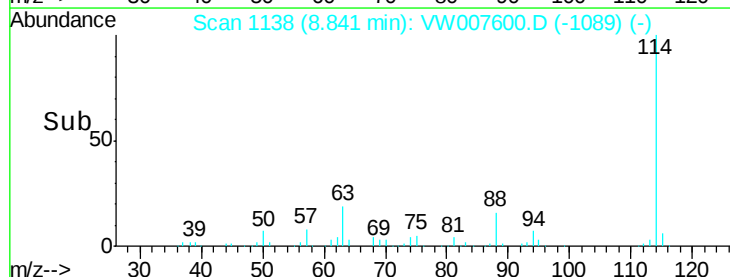
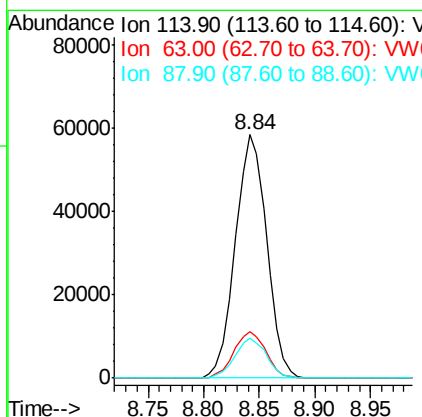
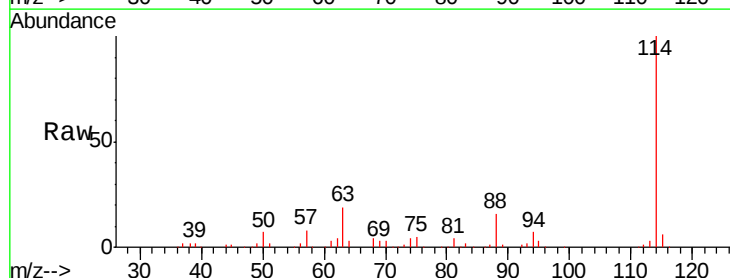
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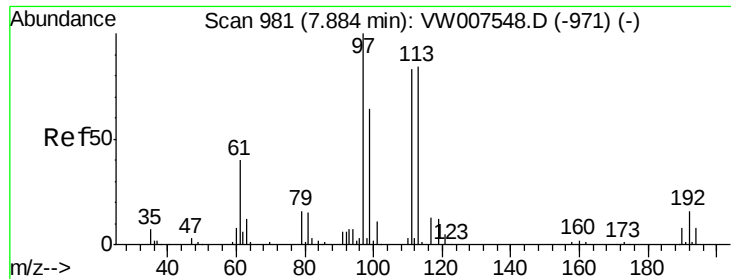
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007600.D
 Acq: 16 Dec 2018 00:47

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	114257		
63	19.0	0.0	39.6	
88	16.3	0.0	31.4	





#35

Dibromofluoromethane

Concen: 52.046 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW007600.D

Acq: 16 Dec 2018 00:47

Instrument :

MSVOA_W

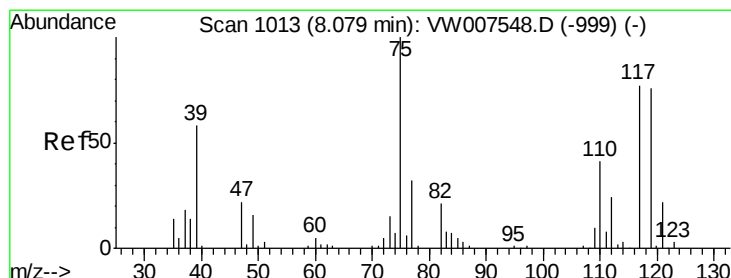
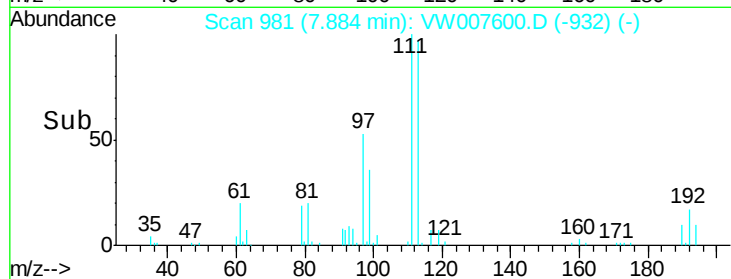
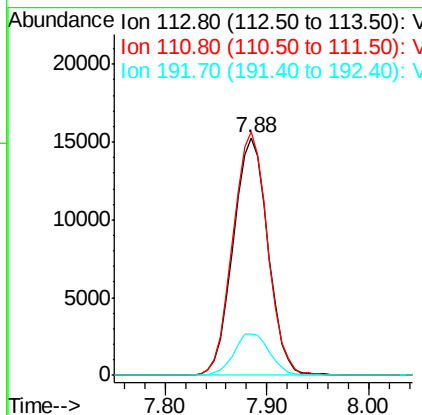
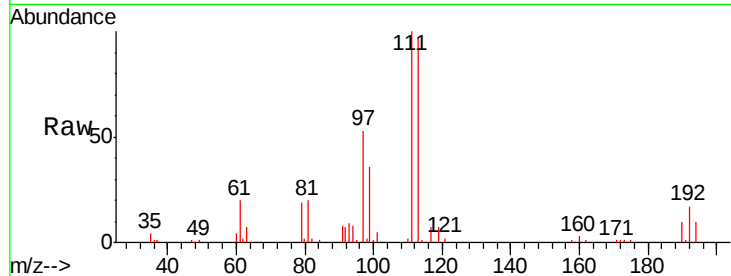
ClientSampleId :

VW1218SBS01

Tgt Ion:	113	Resp:	35997
Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.1	121.7
192	18.0	14.6	21.8

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#36

1,1-Dichloropropene

Concen: 22.319 ug/l

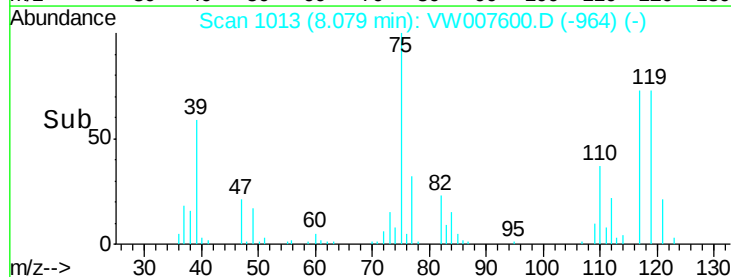
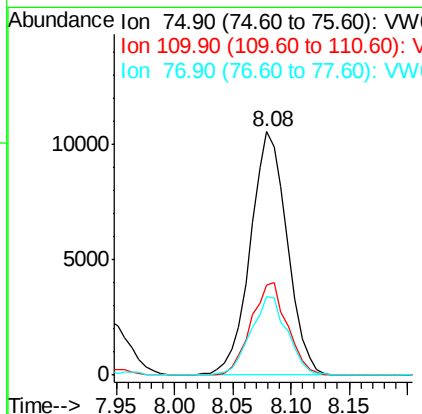
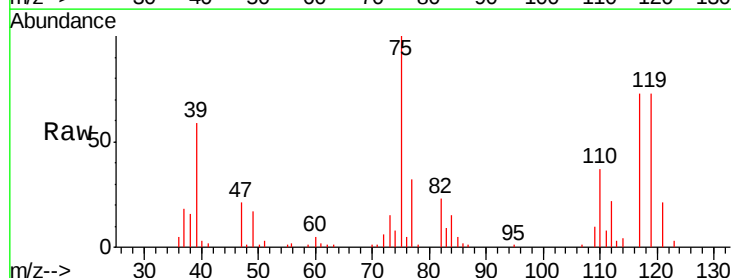
RT: 8.08 min Scan# 1013

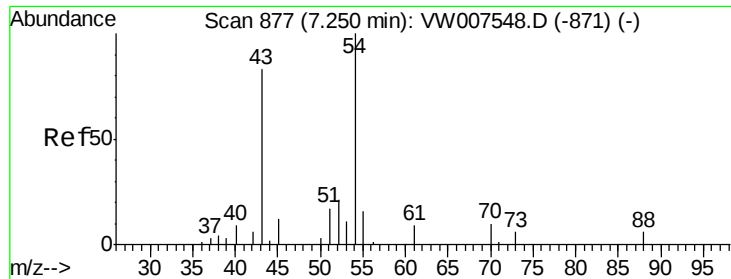
Delta R.T. -0.00 min

Lab File: VW007600.D

Acq: 16 Dec 2018 00:47

Tgt Ion:	75	Resp:	23263
Ion	Ratio	Lower	Upper
75	100		
110	37.2	18.5	55.5
77	32.0	25.6	38.4





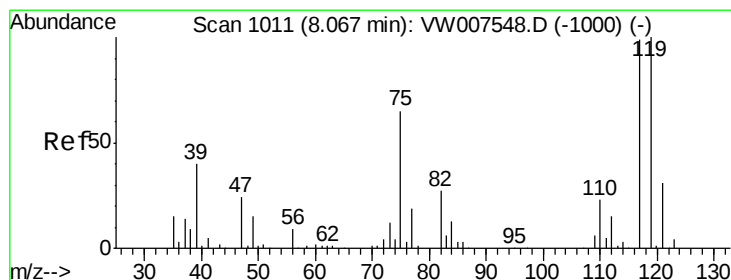
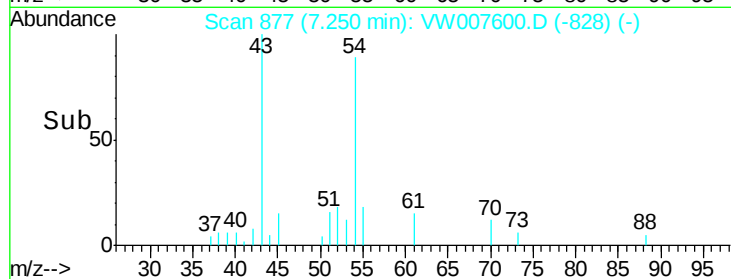
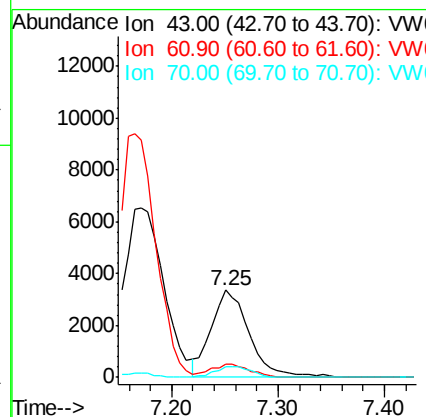
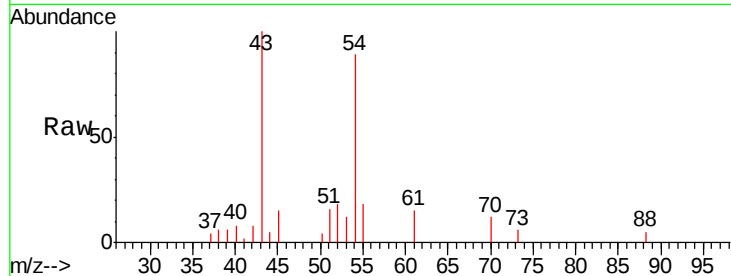
#37
Ethyl Acetate
Concen: 21.534 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW007600.D
Acq: 16 Dec 2018 00:47

Instrument :
MSVOA_W
ClientSampleId :
VW1218SBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	15.7	12.1	18.1
70	11.7	10.0	15.0

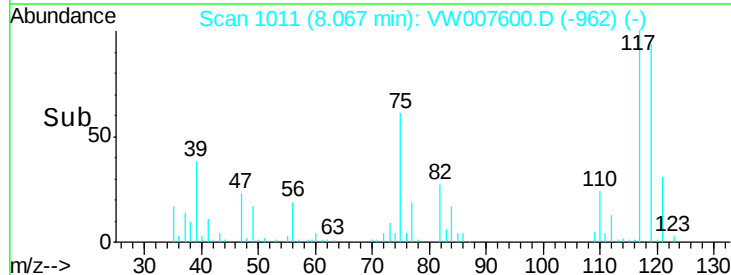
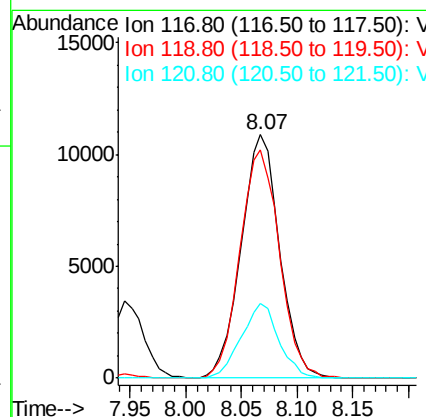
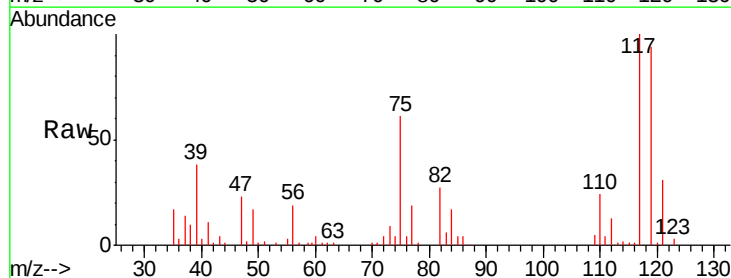
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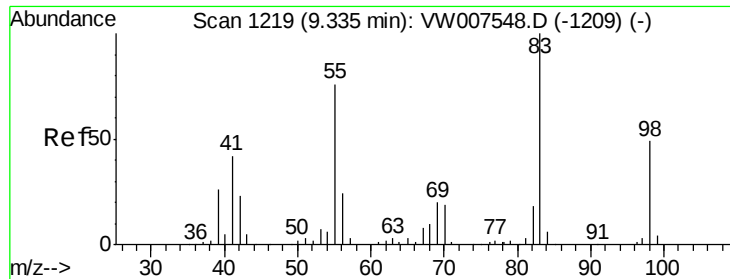
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#38
Carbon Tetrachloride
Concen: 23.038 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW007600.D
Acq: 16 Dec 2018 00:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.5	74.3	111.5
121	30.5	24.3	36.5





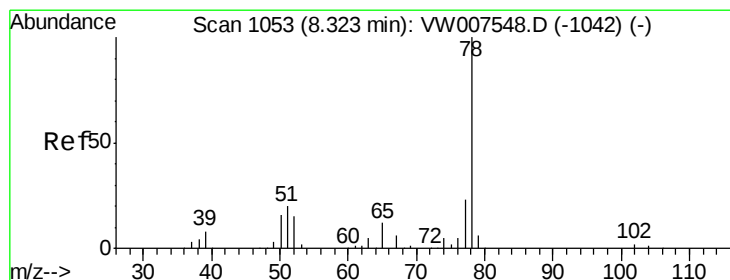
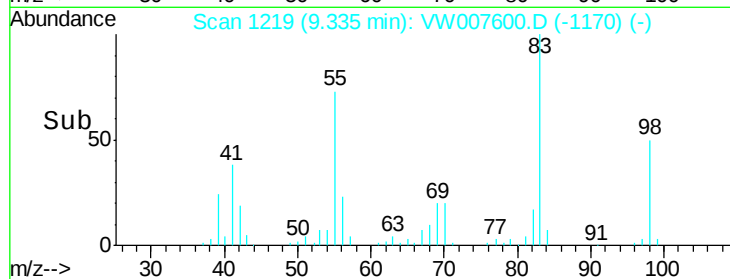
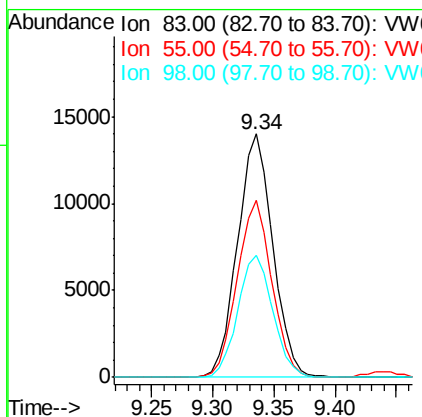
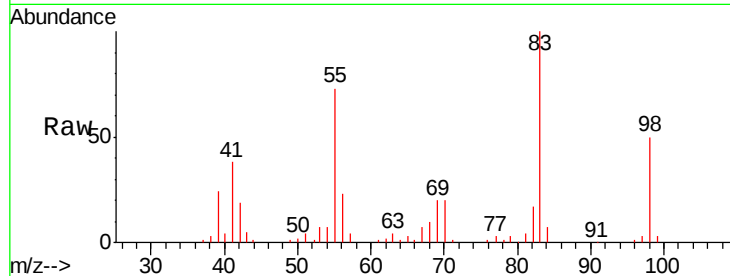
#39
Methylcyclohexane
Concen: 22.214 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007600.D
Acq: 16 Dec 2018 00:47

Instrument :
MSVOA_W
ClientSampleId :
VW1218SBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	72.5	62.8	94.2
98	50.2	42.2	63.2

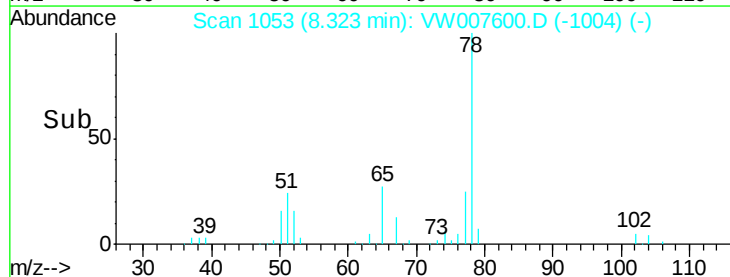
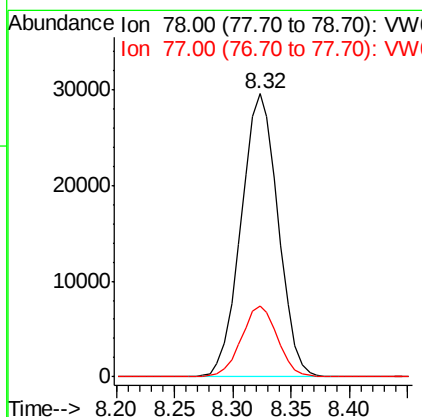
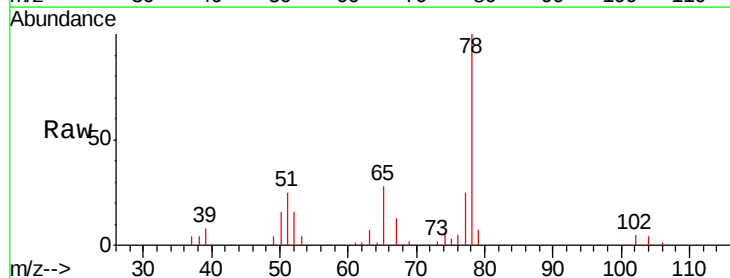
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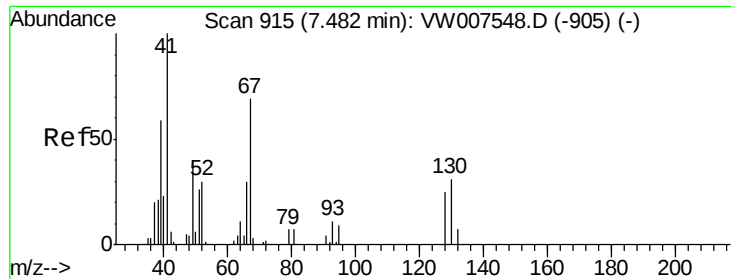
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#40
Benzene
Concen: 22.641 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW007600.D
Acq: 16 Dec 2018 00:47

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.9	18.8	28.2





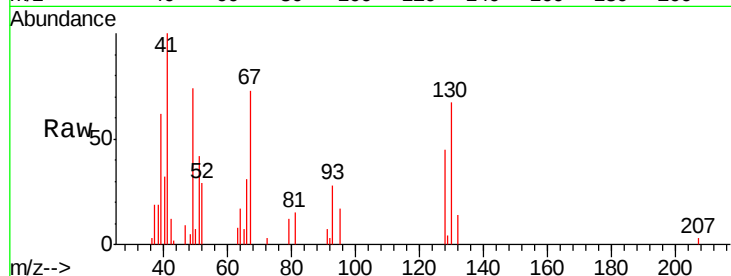
#41
Methacrylonitrile
Concen: 21.073 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.01 min
Lab File: VW007600.D
Acq: 16 Dec 2018 00:47

Instrument :
MSVOA_W
ClientSampleId :
VW1218SBS01

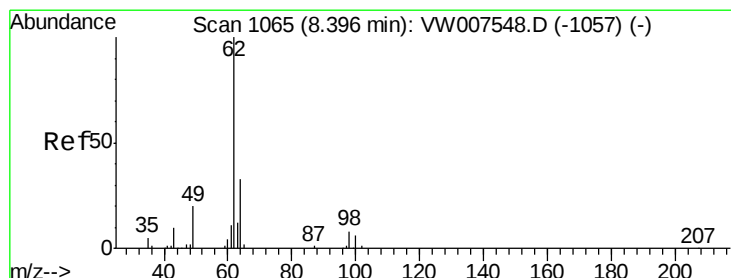
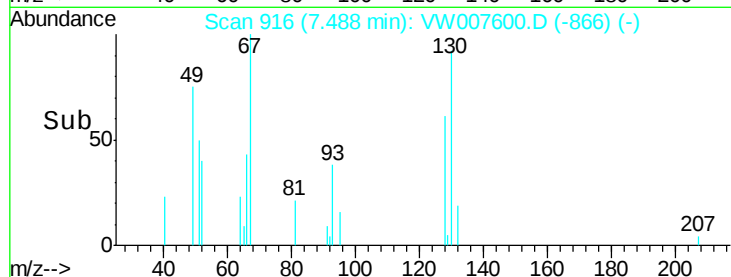
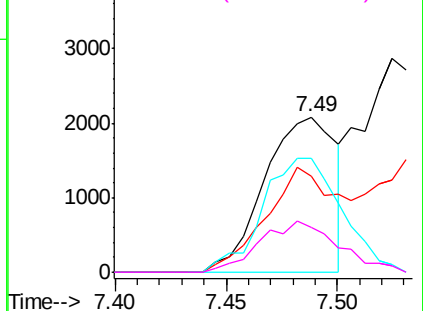
Tgt Ion:	41	Resp:	4652
Ion	Ratio	Lower	Upper
41	100		
39	69.5	52.2	78.2
67	81.2	60.5	90.7
52	36.0	25.3	37.9

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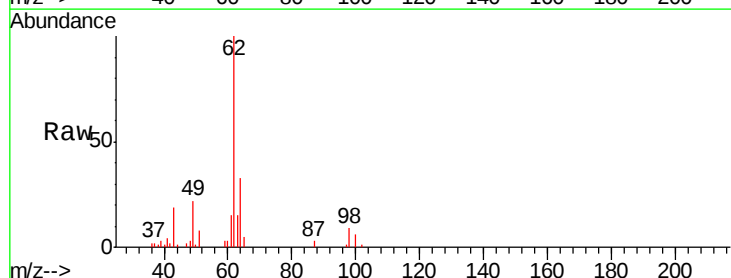


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

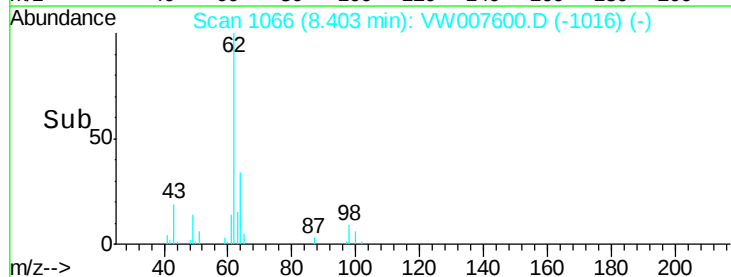
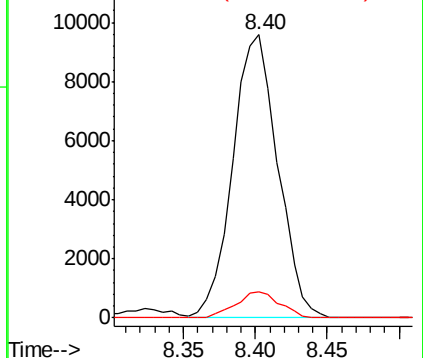


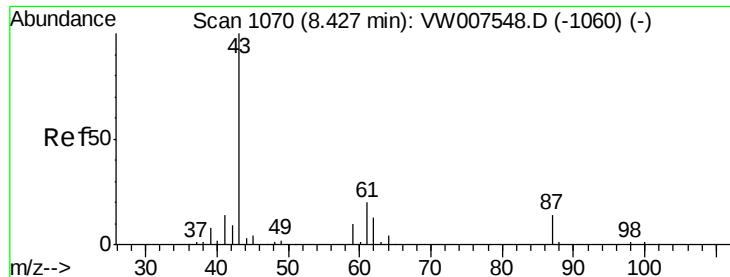
#42
1,2-Dichloroethane
Concen: 22.937 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.01 min
Lab File: VW007600.D
Acq: 16 Dec 2018 00:47

Tgt Ion:	62	Resp:	20841
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.6



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 22.286 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW007600.D

Acq: 16 Dec 2018 00:47

Instrument :

MSVOA_W

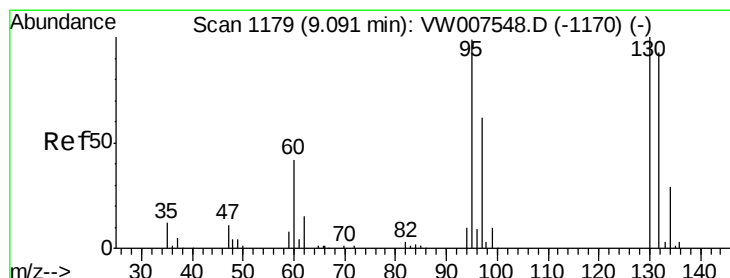
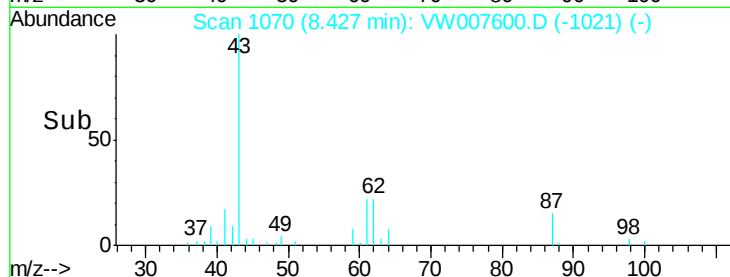
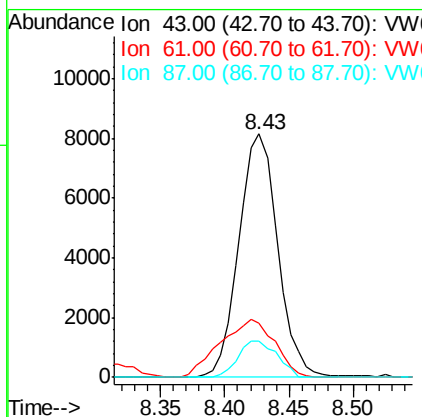
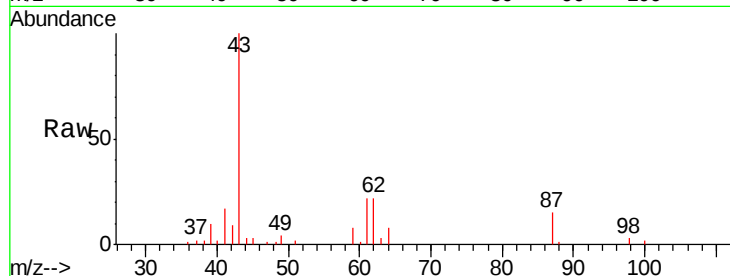
ClientSampleId :

VW1218SBS01

Tgt Ion:	43	Resp:	17066
Ion	Ratio	Lower	Upper
43	100		
61	33.3	25.3	37.9
87	14.9	11.8	17.8

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#44

Trichloroethene

Concen: 22.793 ug/l

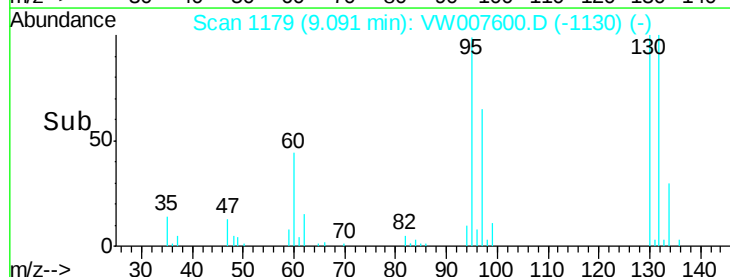
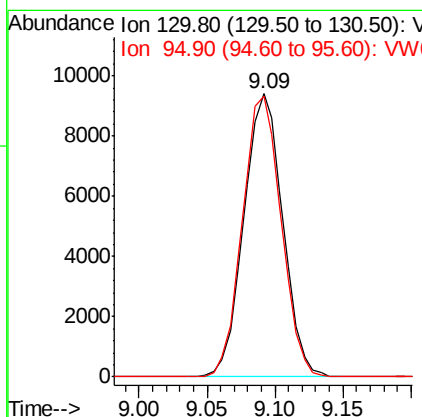
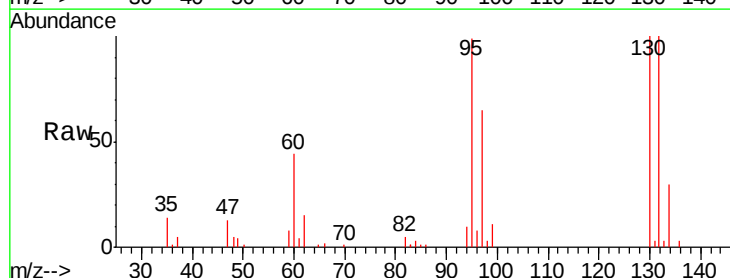
RT: 9.09 min Scan# 1179

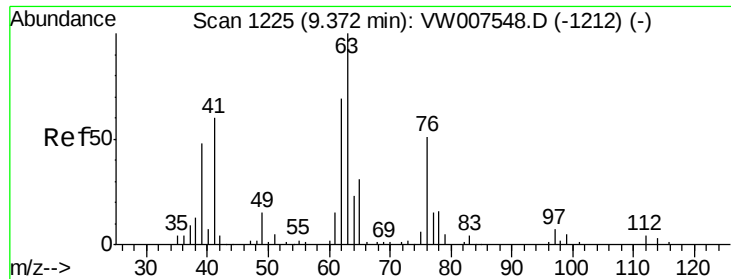
Delta R.T. -0.00 min

Lab File: VW007600.D

Acq: 16 Dec 2018 00:47

Tgt Ion:	130	Resp:	18827
Ion	Ratio	Lower	Upper
130	100		
95	99.3	0.0	193.2





#45

1,2-Dichloropropane

Concen: 22.844 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW007600.D

Acq: 16 Dec 2018 00:47

Instrument :

MSVOA_W

ClientSampleId :

VW1218SBS01

Tgt Ion: 63 Resp: 15291

Ion Ratio Lower Upper

63 100

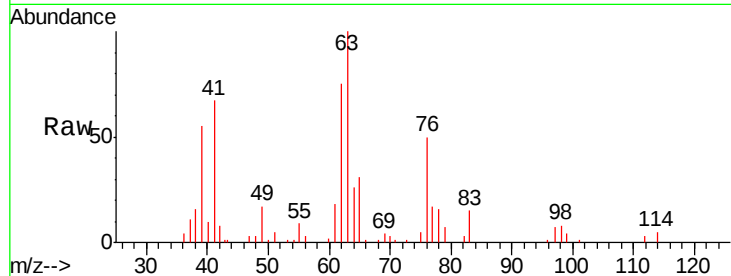
65 30.9 24.4 36.6

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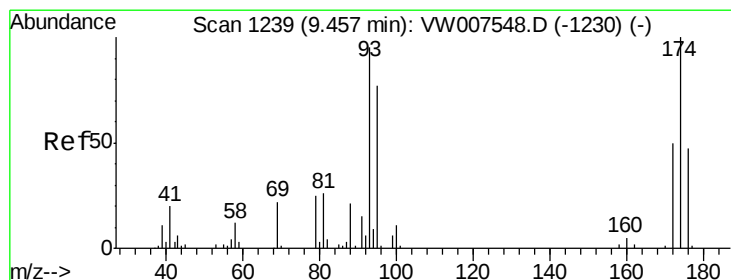
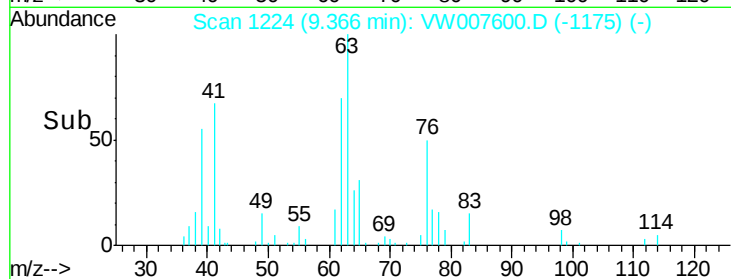
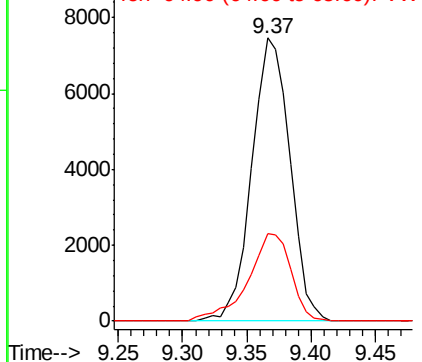
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Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#46

Dibromomethane

Concen: 23.190 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW007600.D

Acq: 16 Dec 2018 00:47

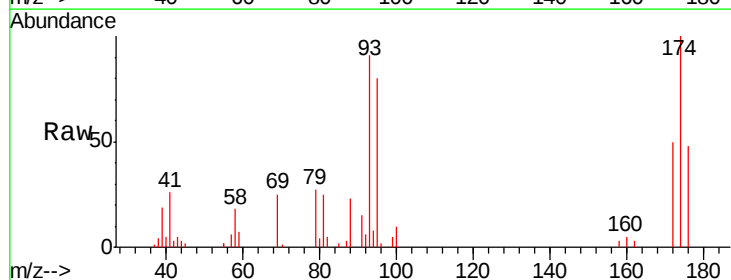
Tgt Ion: 93 Resp: 8815

Ion Ratio Lower Upper

93 100

95 85.0 68.0 102.0

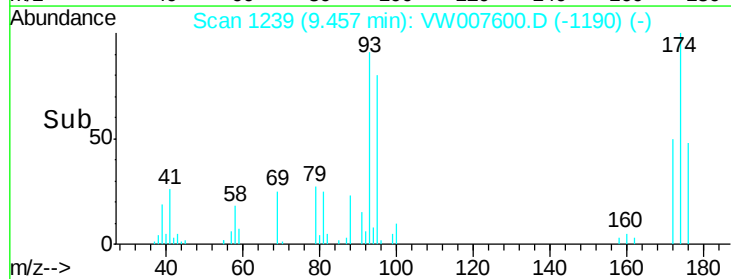
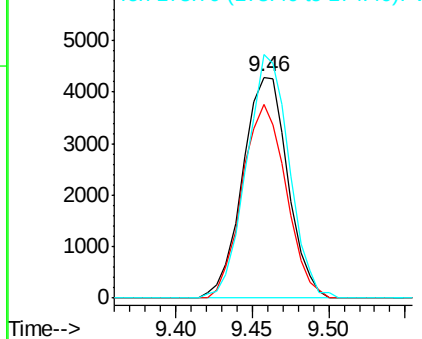
174 103.7 83.2 124.8

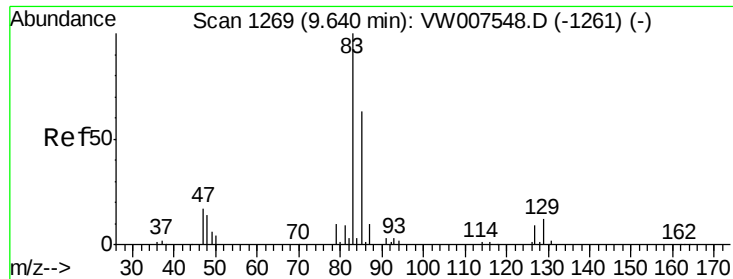


Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V





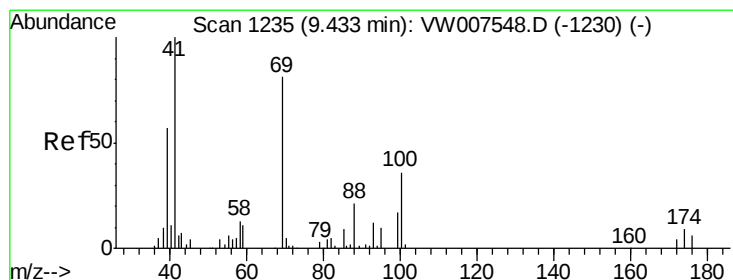
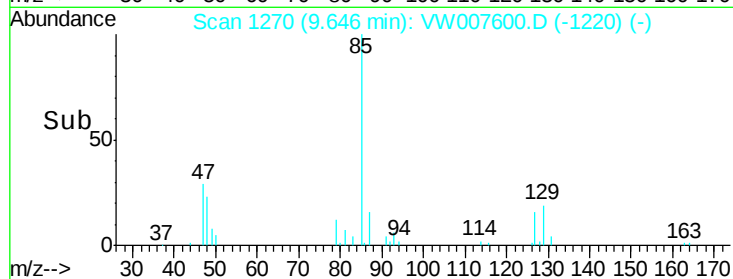
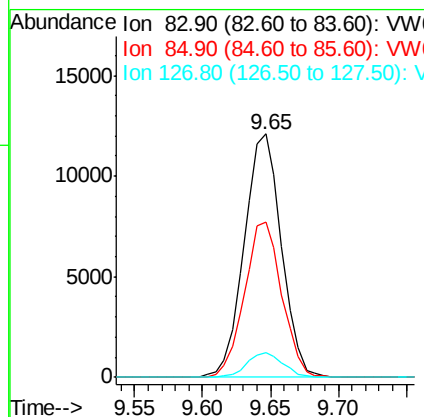
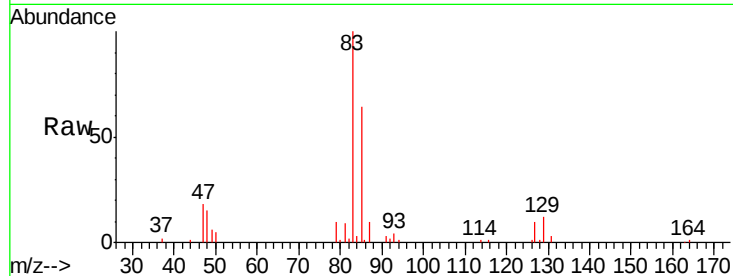
#47
Bromodichloromethane
Concen: 23.242 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.01 min
Lab File: VW007600.D
Acq: 16 Dec 2018 00:47

Instrument :
MSVOA_W
ClientSampleId :
VW1218SBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.8	47.6	71.4
127	10.0	6.7	10.1

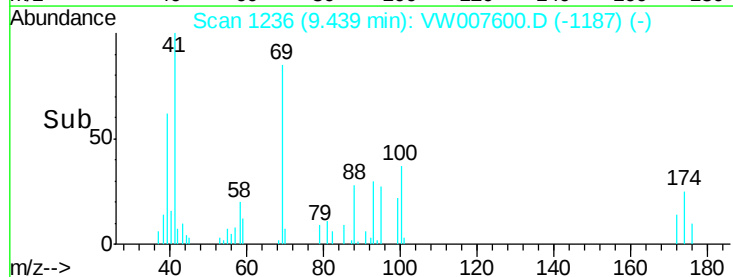
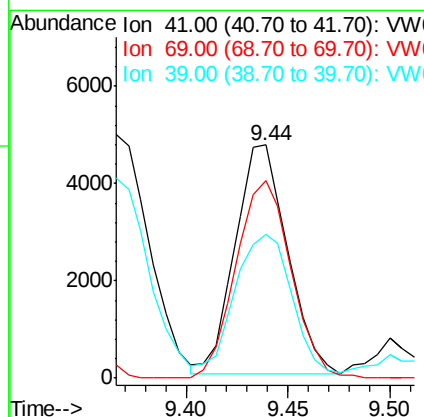
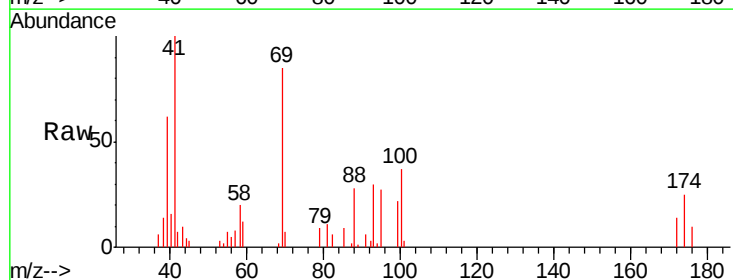
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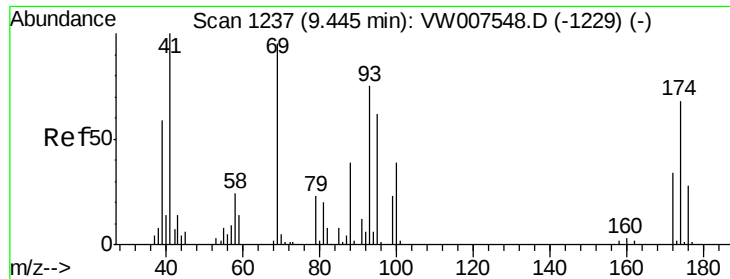
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#48
Methyl methacrylate
Concen: 21.257 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VW007600.D
Acq: 16 Dec 2018 00:47

Tgt Ion	Ratio	Lower	Upper
41	100		
69	91.3	69.8	104.8
39	70.7	50.9	76.3





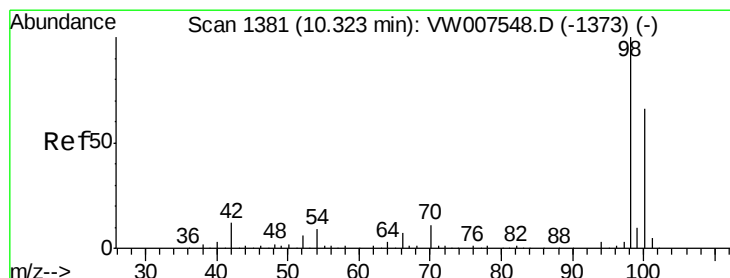
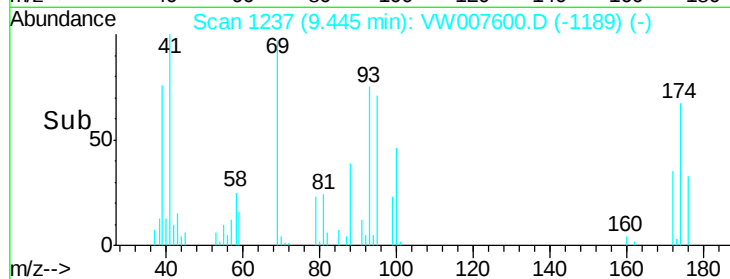
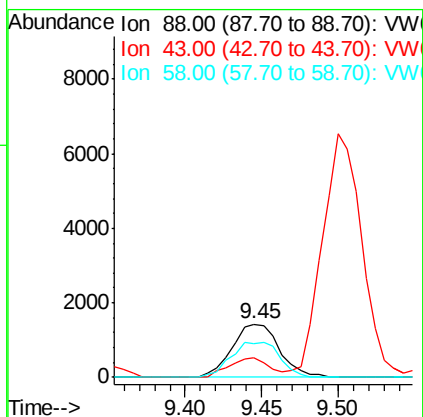
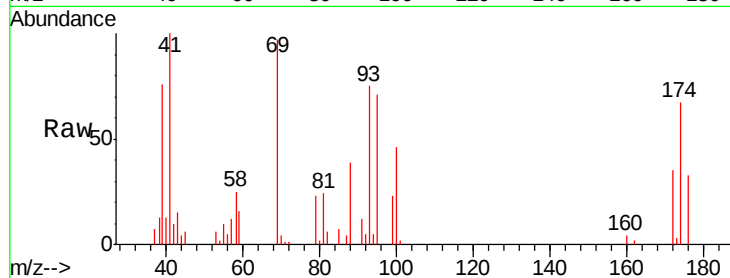
#49
1,4-Dioxane
Concen: 495.316 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.01 min
Lab File: VW007600.D
Acq: 16 Dec 2018 00:47

Instrument :
MSVOA_W
ClientSampleId :
VW1218SBS01

Tgt Ion	Ratio	Lower	Upper
88	100		
43	30.8	25.0	37.4
58	68.0	51.4	77.2

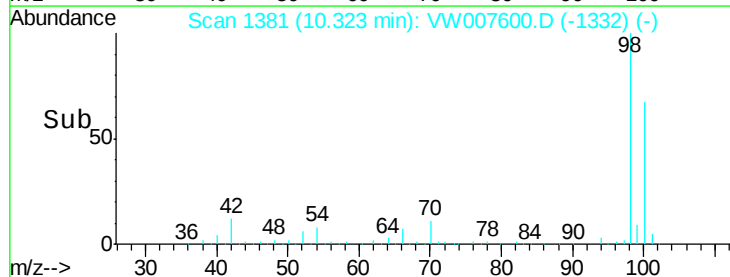
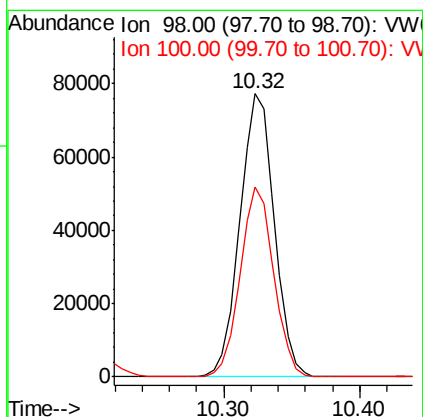
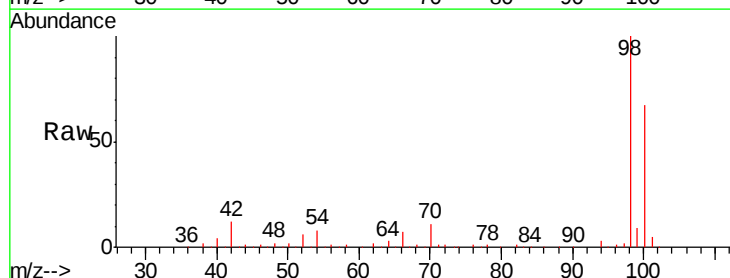
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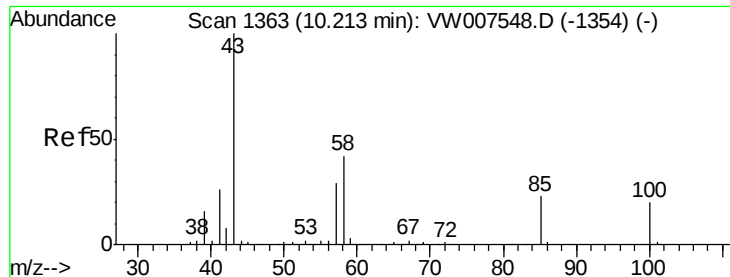
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#50
Toluene-d8
Concen: 52.520 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007600.D
Acq: 16 Dec 2018 00:47

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.6	51.8	77.8





#51

4-Methyl-2-Pentanone

Concen: 110.936 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.01 min

Lab File: VW007600.D

Acq: 16 Dec 2018 00:47

Instrument :

MSVOA_W

ClientSampleId :

VW1218SBS01

Tgt Ion: 43 Resp: 40139

Ion Ratio Lower Upper

43 100

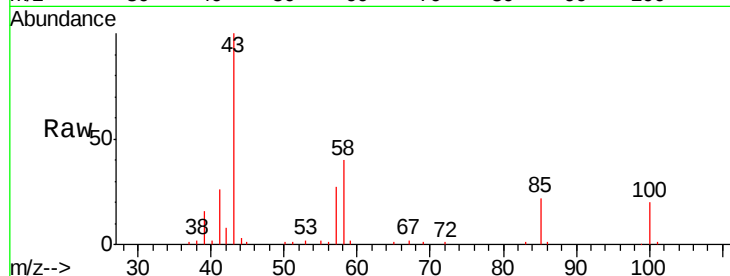
58 40.9 33.1 49.7

Manual Integrations

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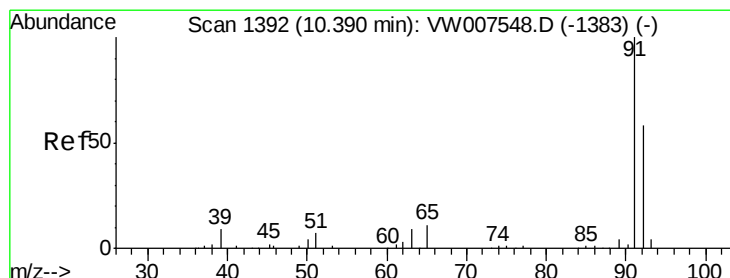
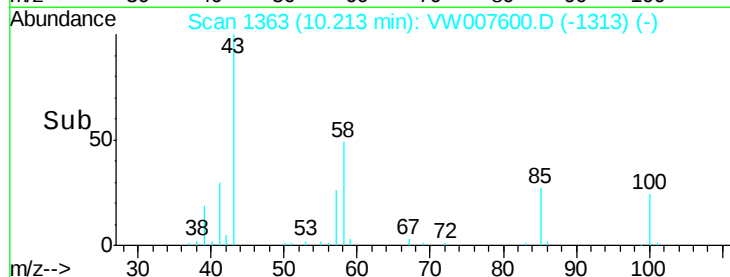
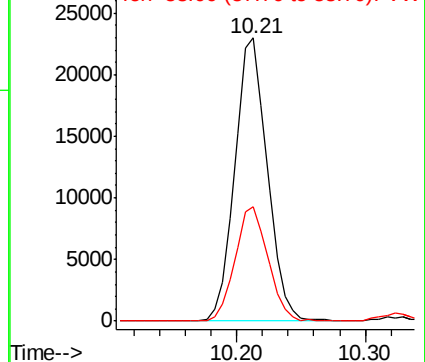
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 23.729 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007600.D

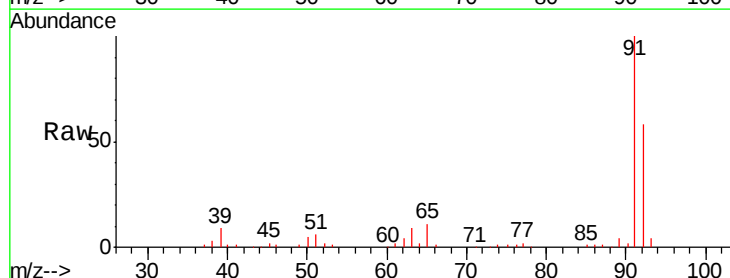
Acq: 16 Dec 2018 00:47

Tgt Ion: 92 Resp: 44419

Ion Ratio Lower Upper

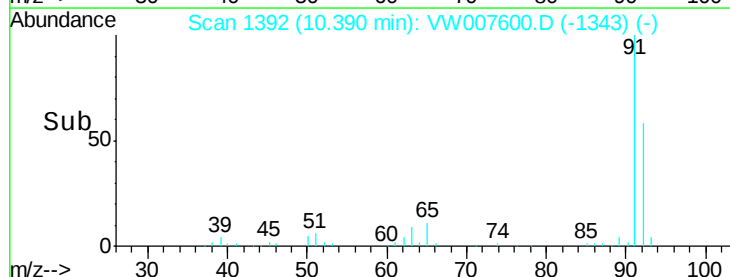
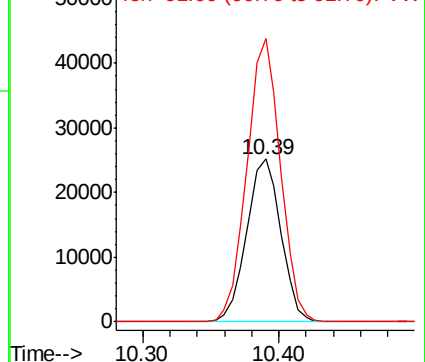
92 100

91 170.9 136.2 204.2



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





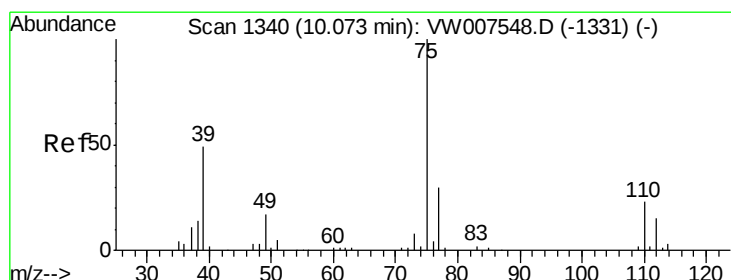
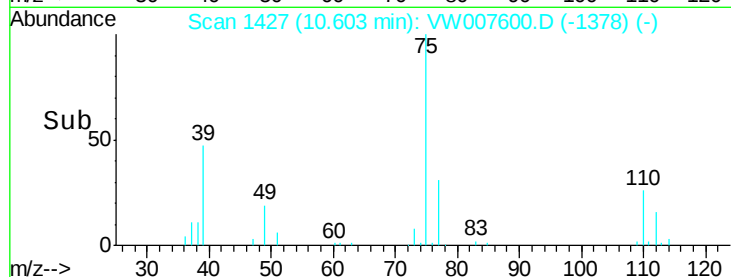
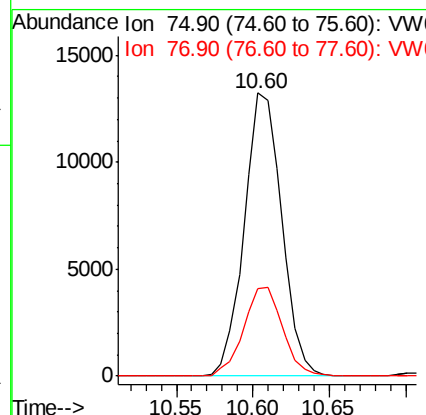
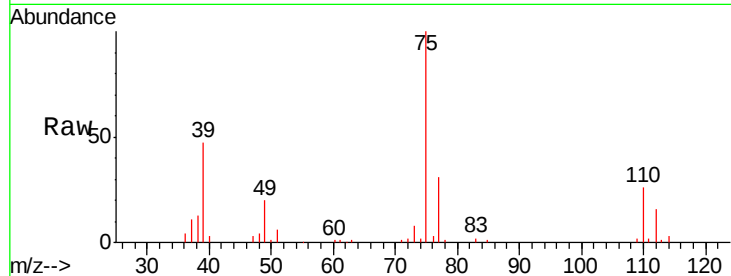
#53
 t-1,3-Dichloropropene
 Concen: 23.320 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. -0.00 min
 Lab File: VW007600.D
 Acq: 16 Dec 2018 00:47

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1218SBS01

Tgt Ion: 75 Resp: 22573
 Ion Ratio Lower Upper
 75 100
 77 30.8 26.2 39.4

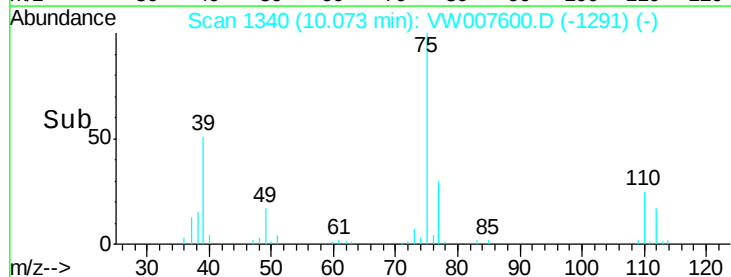
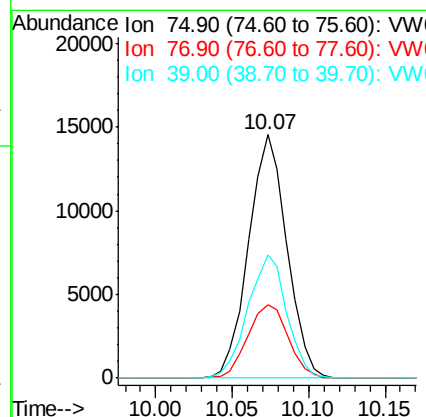
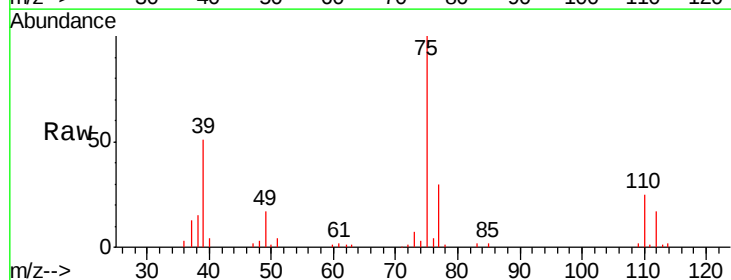
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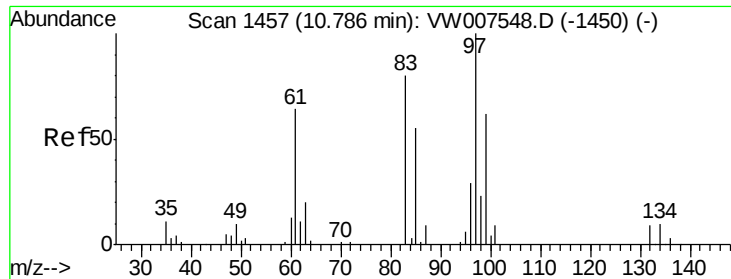
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#54
 cis-1,3-Dichloropropene
 Concen: 22.653 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW007600.D
 Acq: 16 Dec 2018 00:47

Tgt Ion: 75 Resp: 25349
 Ion Ratio Lower Upper
 75 100
 77 30.3 24.8 37.2
 39 50.7 40.9 61.3





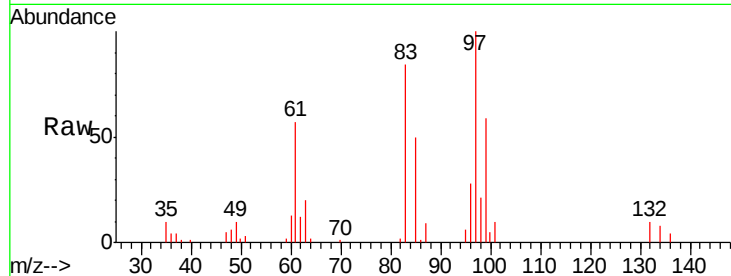
#55
 1,1,2-Trichloroethane
 Concen: 24.280 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: VW007600.D
 Acq: 16 Dec 2018 00:47

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1218SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	12561		
83	84.1	62.1	93.1	
85	50.3	44.2	66.4	
99	59.1	50.2	75.4	

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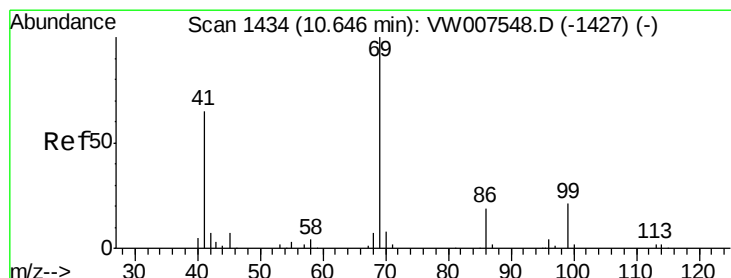
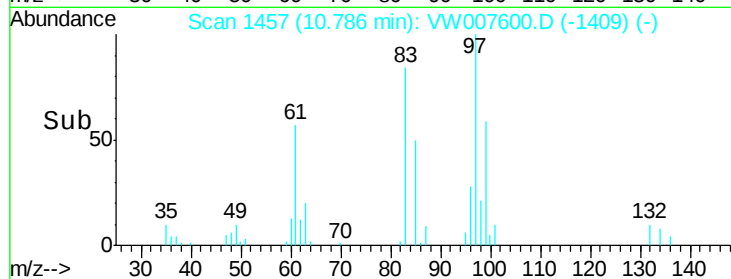
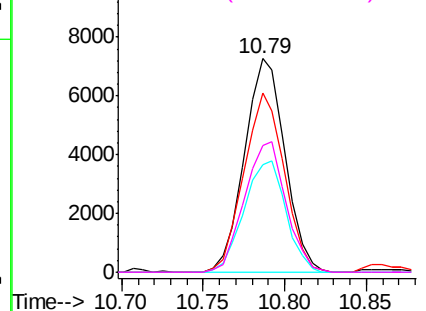
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

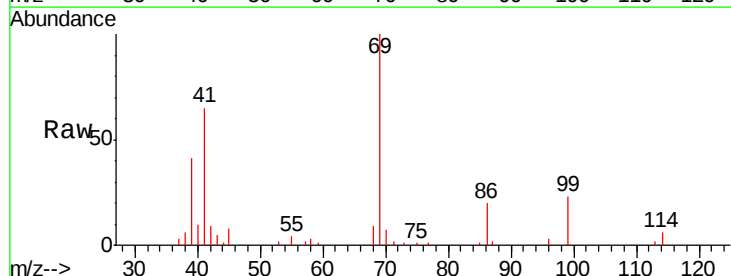
Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56
 Ethyl methacrylate
 Concen: 23.040 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW007600.D
 Acq: 16 Dec 2018 00:47

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	14327		
41	65.2	51.0	76.6	
39	39.1	30.8	46.2	

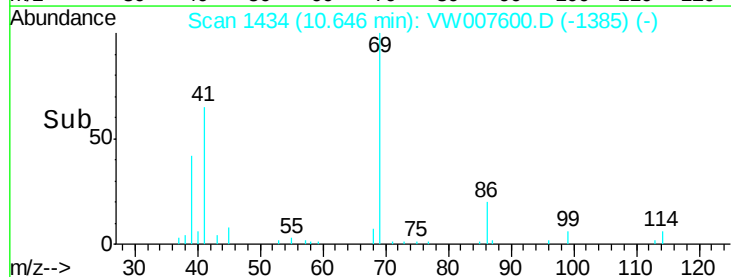
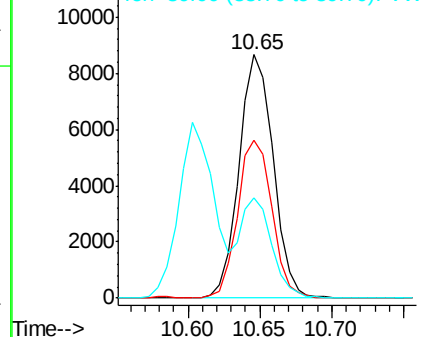


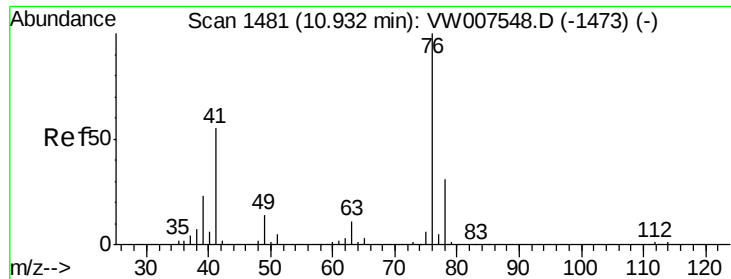
Abundance

Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW





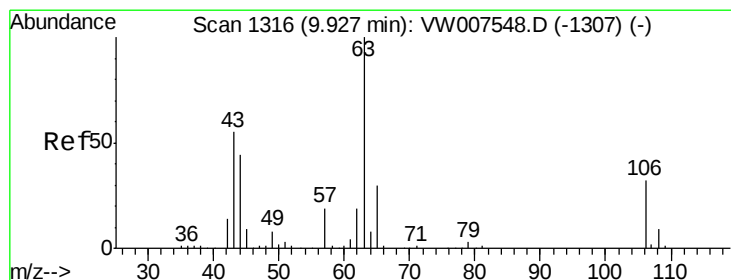
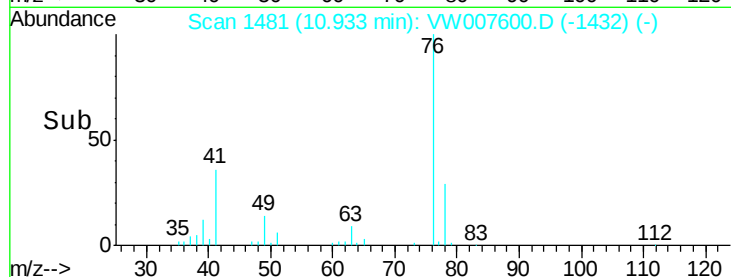
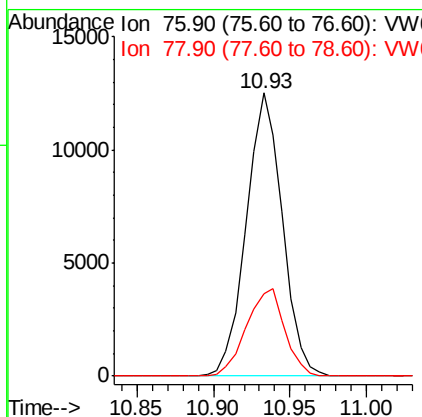
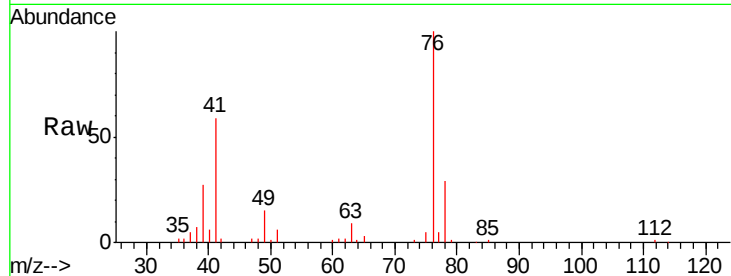
#57
 1,3-Dichloropropane
 Concen: 24.212 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW007600.D
 Acq: 16 Dec 2018 00:47

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1218SBS01

Tgt Ion: 76 Resp: 20560
 Ion Ratio Lower Upper
 76 100
 78 32.6 26.2 39.4

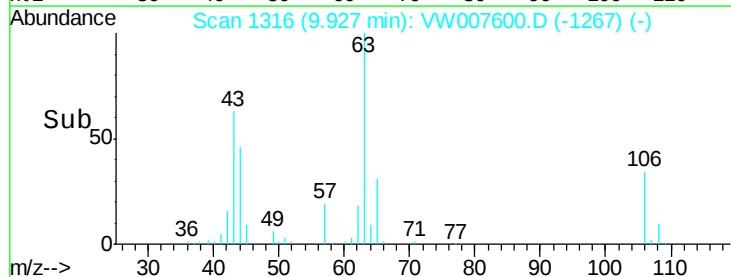
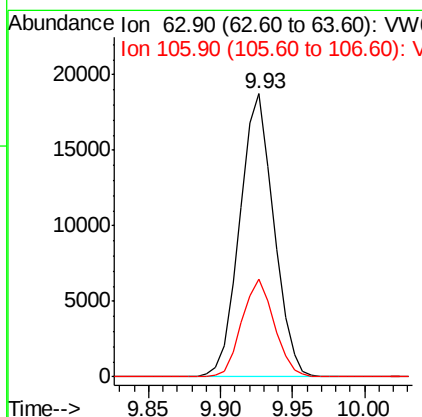
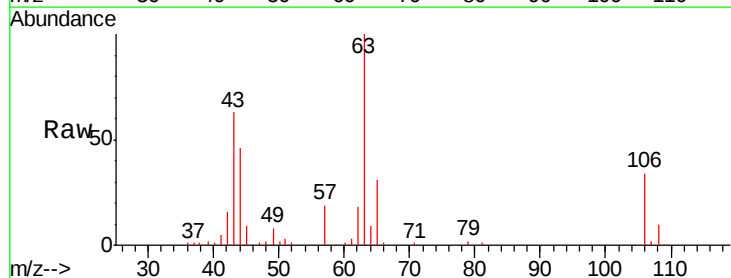
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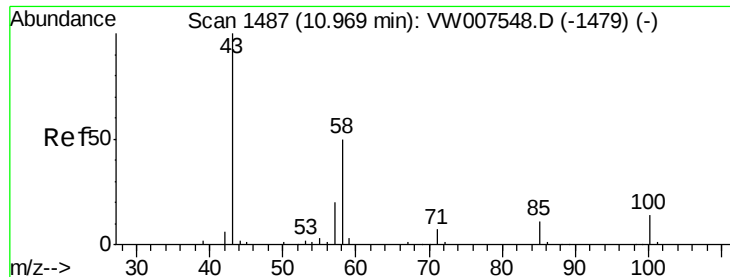
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#58
 2-Chloroethyl Vinyl ether
 Concen: 107.453 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW007600.D
 Acq: 16 Dec 2018 00:47

Tgt Ion: 63 Resp: 30813
 Ion Ratio Lower Upper
 63 100
 106 32.8 25.0 37.6





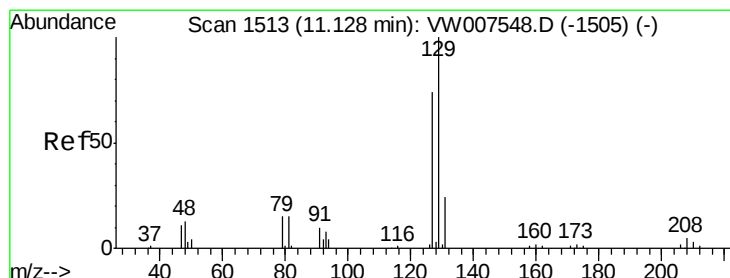
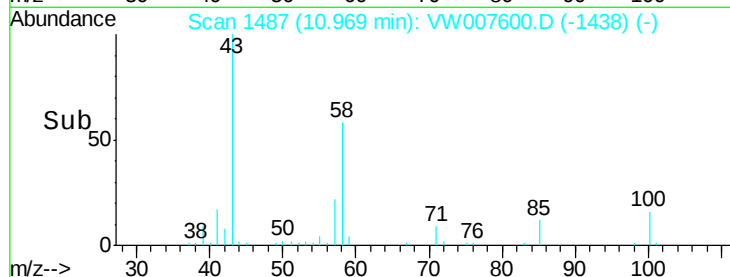
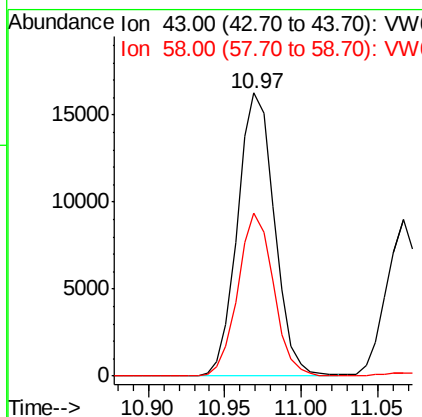
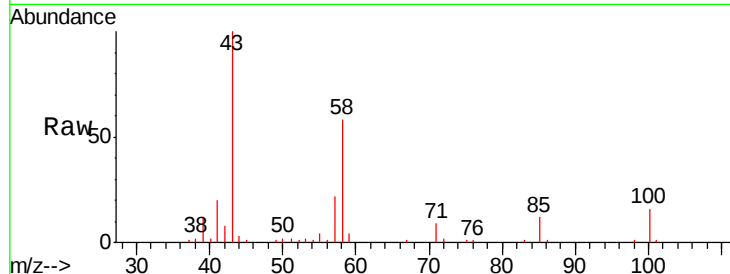
#59
2-Hexanone
Concen: 112.993 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW007600.D
Acq: 16 Dec 2018 00:47

Instrument :
MSVOA_W
ClientSampleId :
VW1218SBS01

Tgt Ion: 43 Resp: 27261
Ion Ratio Lower Upper
43 100
58 55.4 27.1 81.3

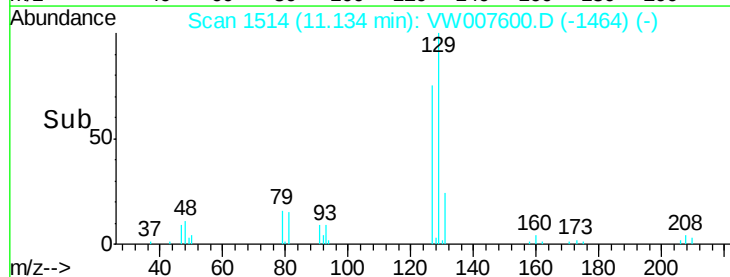
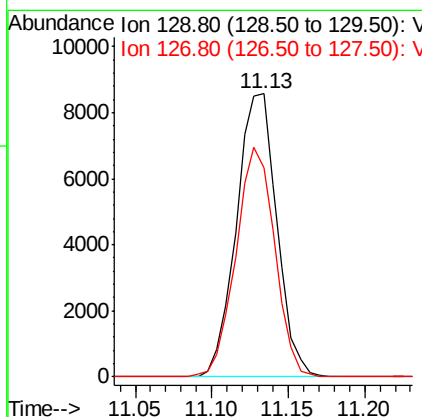
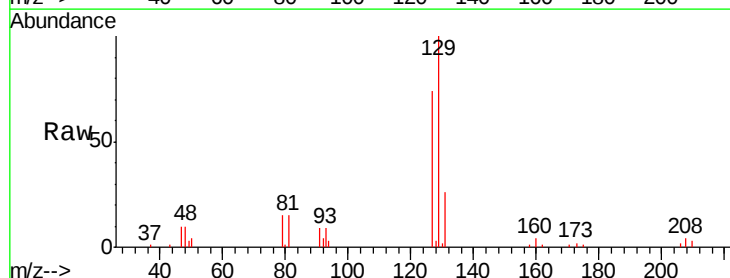
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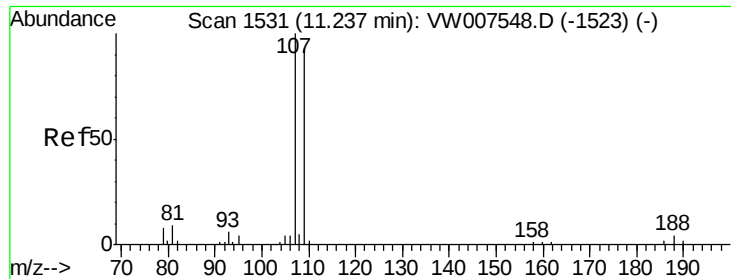
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#60
Dibromochloromethane
Concen: 24.051 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.01 min
Lab File: VW007600.D
Acq: 16 Dec 2018 00:47

Tgt Ion: 129 Resp: 15703
Ion Ratio Lower Upper
129 100
127 77.8 38.1 114.3





#61

1,2-Dibromoethane

Concen: 23.974 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW007600.D

Acq: 16 Dec 2018 00:47

Instrument :

MSVOA_W

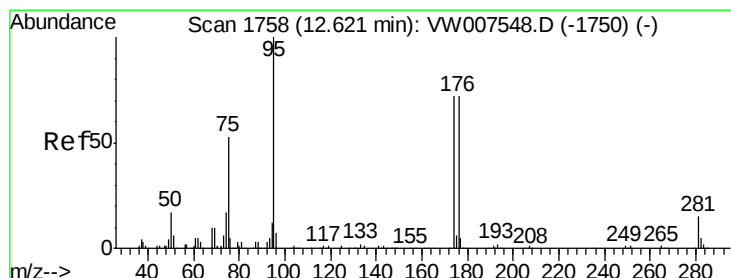
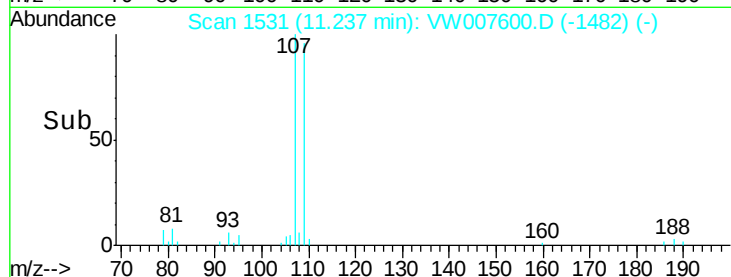
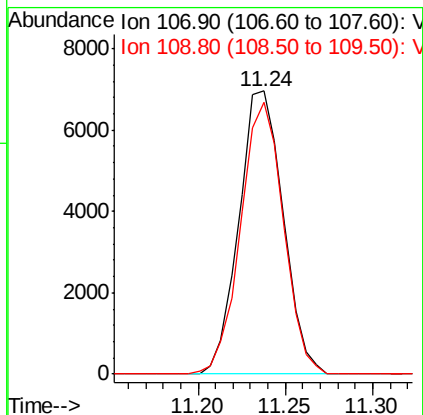
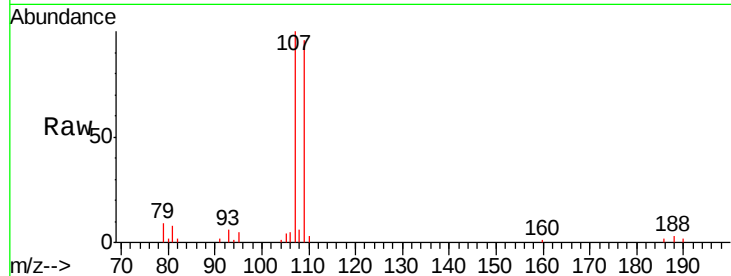
ClientSampleId :

VW1218SBS01

Tgt Ion	Ratio	Lower	Upper
107	100		
109	92.8	79.1	118.7

Manual Integrations
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#62

4-Bromofluorobenzene

Concen: 54.930 ug/l

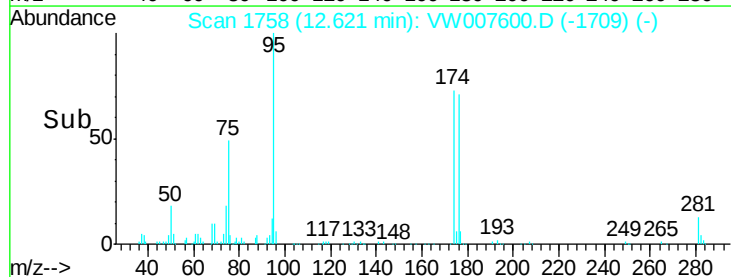
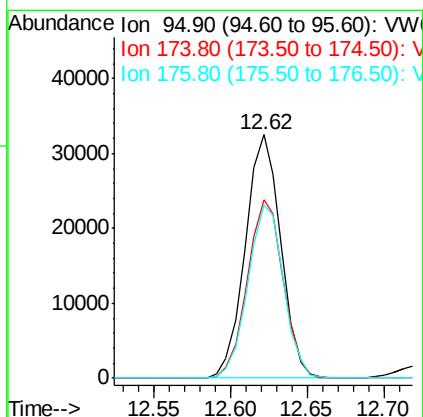
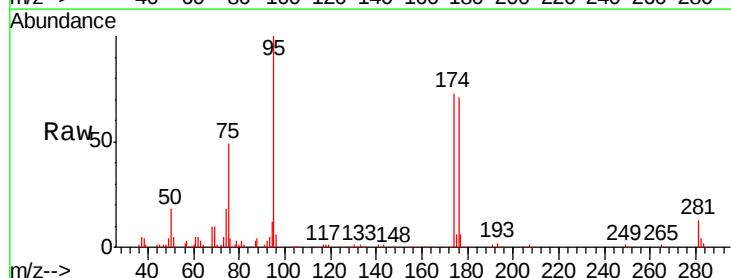
RT: 12.62 min Scan# 1758

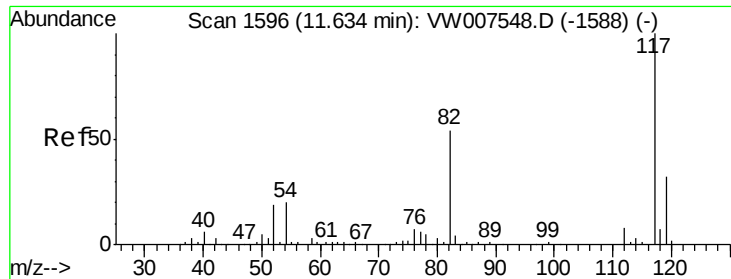
Delta R.T. -0.00 min

Lab File: VW007600.D

Acq: 16 Dec 2018 00:47

Tgt Ion	Ratio	Lower	Upper
95	100		
174	74.2	0.0	147.2
176	71.7	0.0	138.8





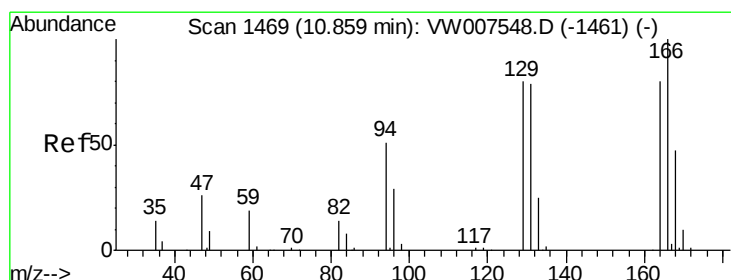
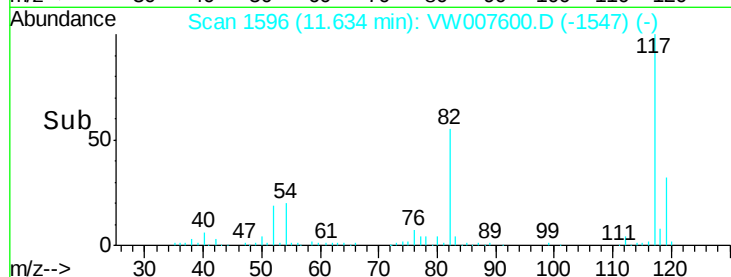
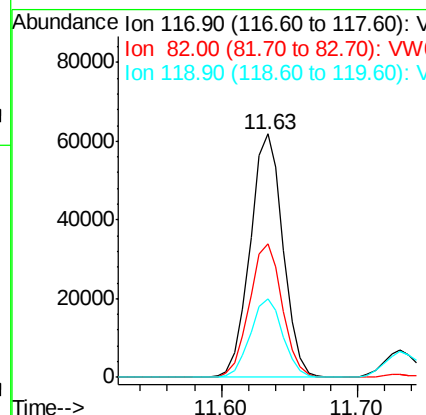
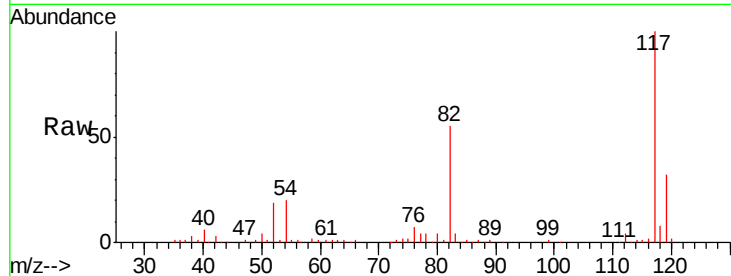
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007600.D
Acq: 16 Dec 2018 00:47

Instrument :
MSVOA_W
ClientSampleId :
VW1218SBS01

Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.0	42.3	63.5
119	32.3	23.0	34.6

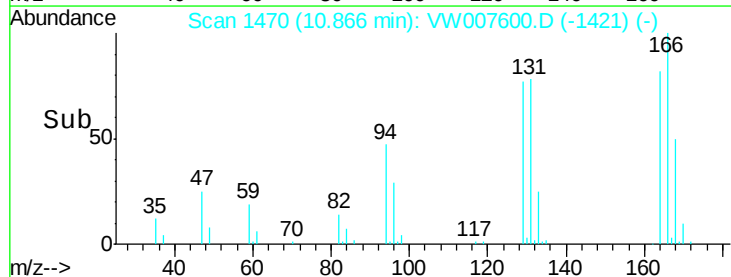
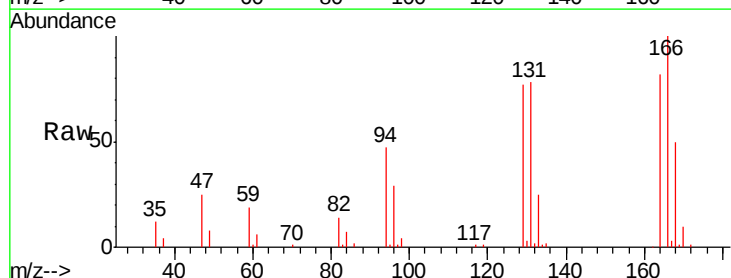
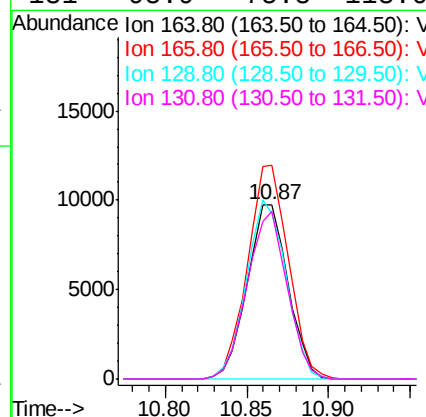
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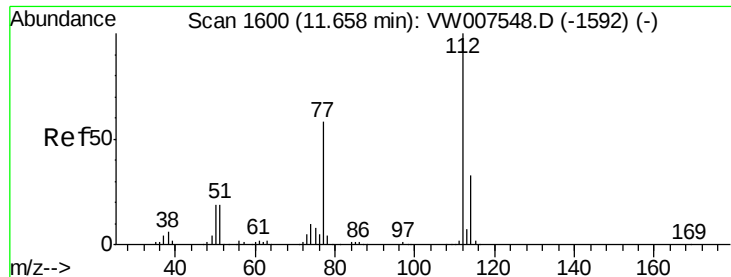
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#64
Tetrachloroethene
Concen: 22.637 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW007600.D
Acq: 16 Dec 2018 00:47

Tgt Ion	Ratio	Lower	Upper
164	100		
166	122.3	107.9	161.9
129	94.5	73.4	110.2
131	95.9	75.8	113.6





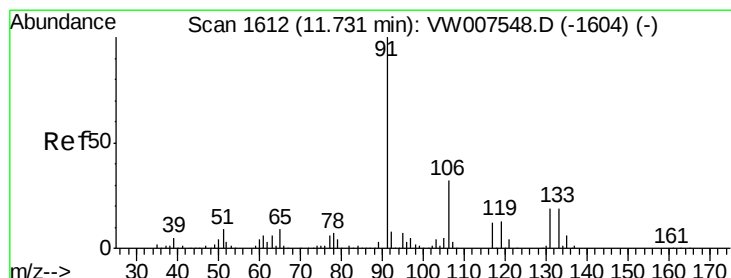
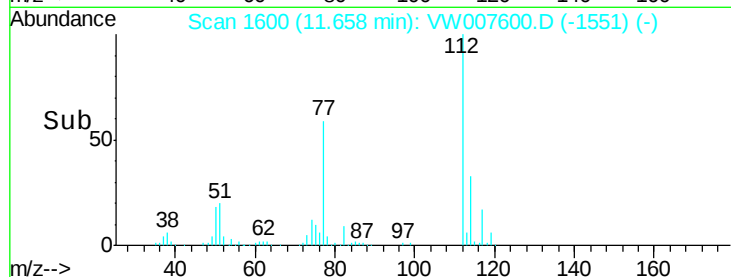
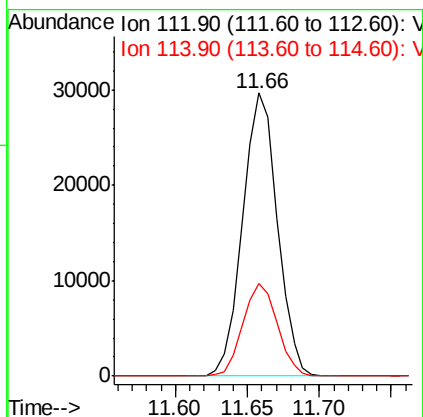
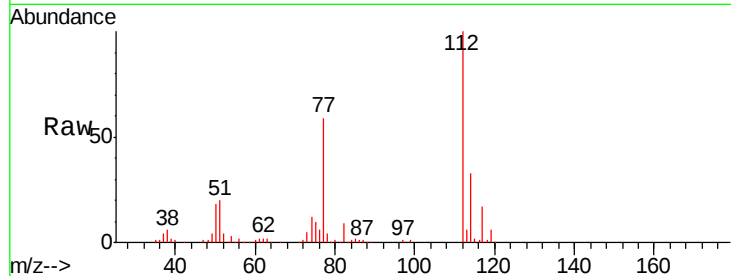
#65
Chlorobenzene
Concen: 22.676 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007600.D
Acq: 16 Dec 2018 00:47

Instrument :
MSVOA_W
ClientSampleId :
VW1218SBS01

Tgt Ion:112 Resp: 49479
Ion Ratio Lower Upper
112 100
114 32.8 27.8 41.8

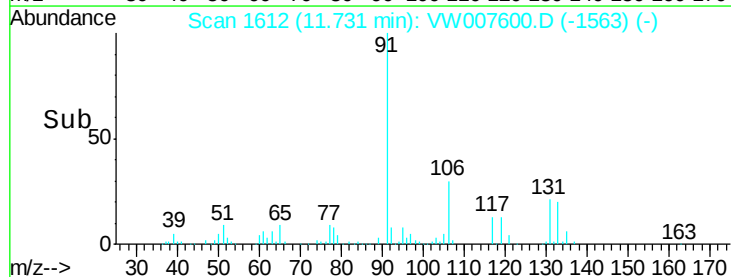
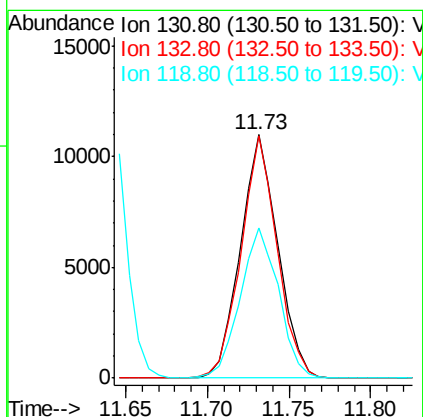
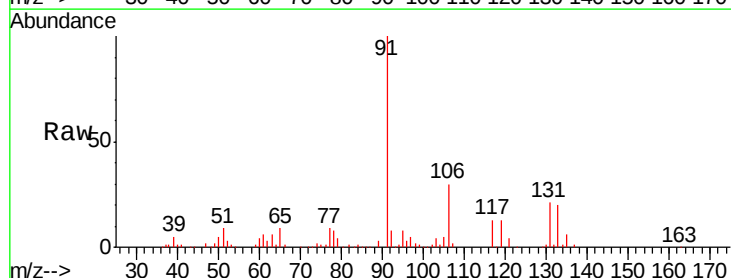
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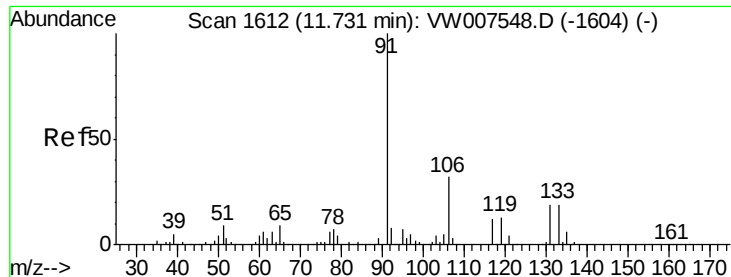
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#66
1,1,1,2-Tetrachloroethane
Concen: 22.813 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007600.D
Acq: 16 Dec 2018 00:47

Tgt Ion:131 Resp: 17532
Ion Ratio Lower Upper
131 100
133 96.0 47.1 141.4
119 63.3 31.3 93.9





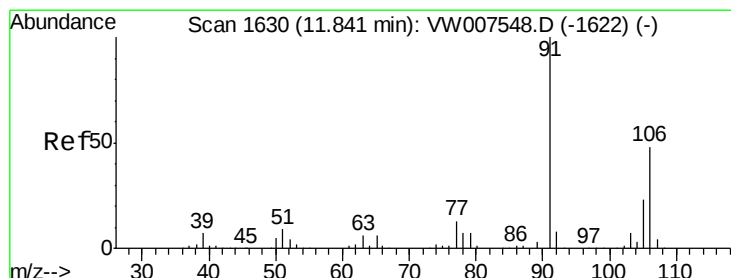
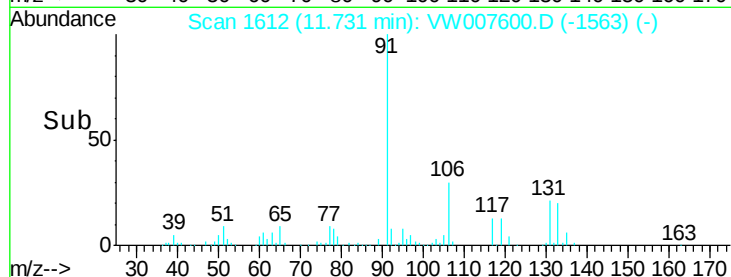
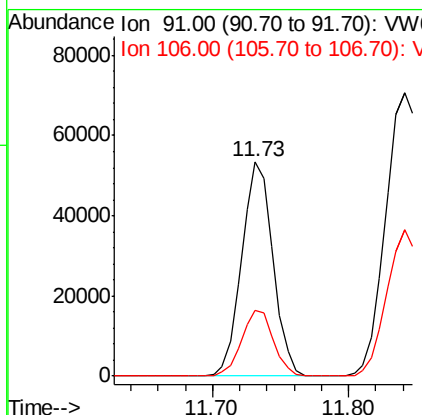
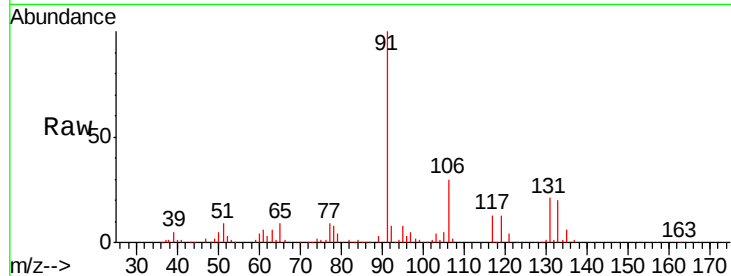
#67
Ethyl Benzene
Concen: 22.811 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007600.D
Acq: 16 Dec 2018 00:47

Instrument :
MSVOA_W
ClientSampleId :
VW1218SBS01

Tgt Ion: 91 Resp: 85575
Ion Ratio Lower Upper
91 100
106 30.4 21.8 32.8

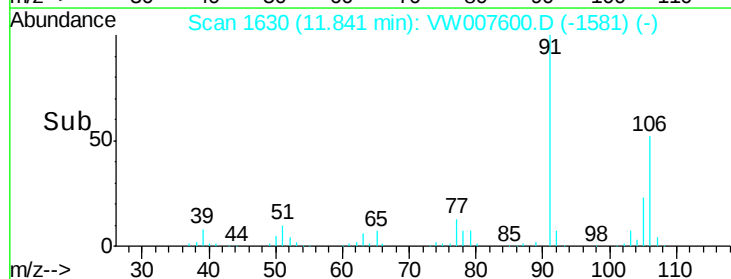
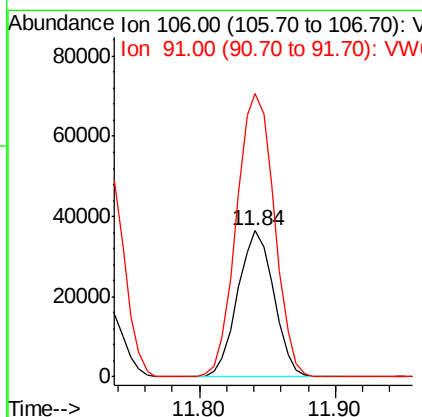
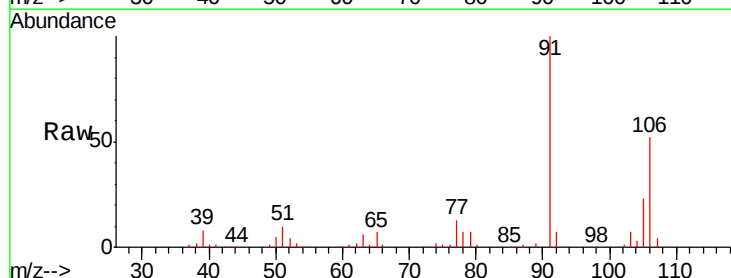
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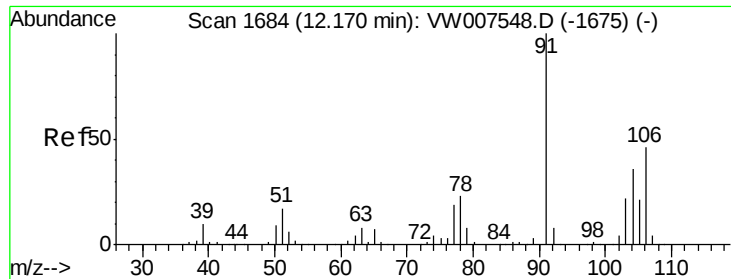
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#68
m/p-Xylenes
Concen: 46.538 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007600.D
Acq: 16 Dec 2018 00:47

Tgt Ion: 106 Resp: 67872
Ion Ratio Lower Upper
106 100
91 202.1 165.3 247.9





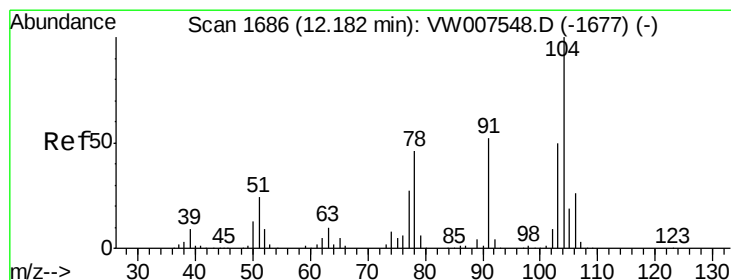
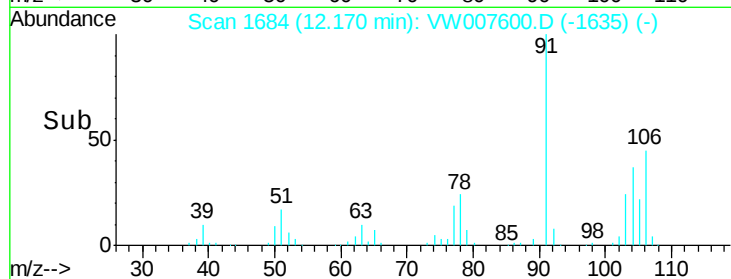
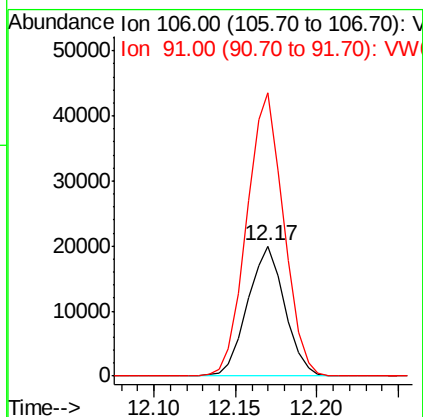
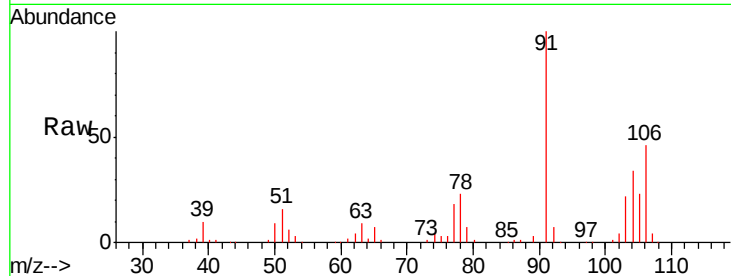
#69
o-Xylene
Concen: 23.078 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007600.D
Acq: 16 Dec 2018 00:47

Instrument :
MSVOA_W
ClientSampleId :
VW1218SBS01

Tgt Ion:106 Resp: 31434
Ion Ratio Lower Upper
106 100
91 217.8 106.6 319.8

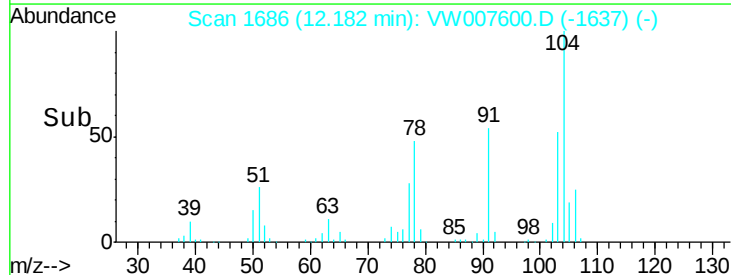
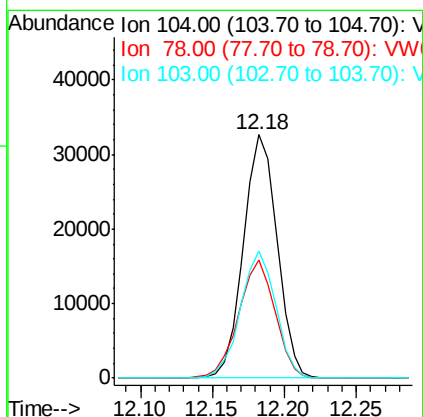
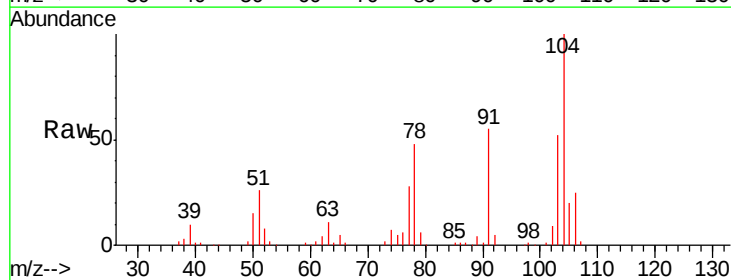
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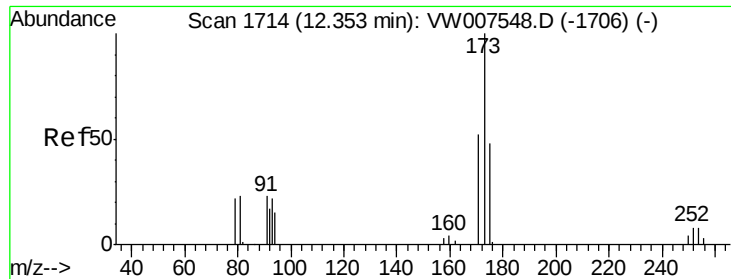
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#70
Styrene
Concen: 24.072 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007600.D
Acq: 16 Dec 2018 00:47

Tgt Ion:104 Resp: 52959
Ion Ratio Lower Upper
104 100
78 52.5 41.8 62.8
103 54.9 46.6 69.8





#71

Bromoform

Concen: 22.173 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW007600.D

Acq: 16 Dec 2018 00:47

Instrument :

MSVOA_W

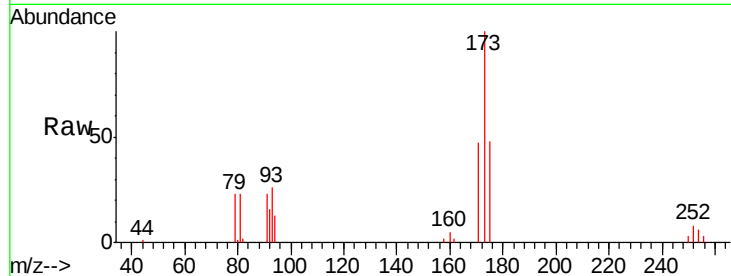
ClientSampleId :

VW1218SBS01

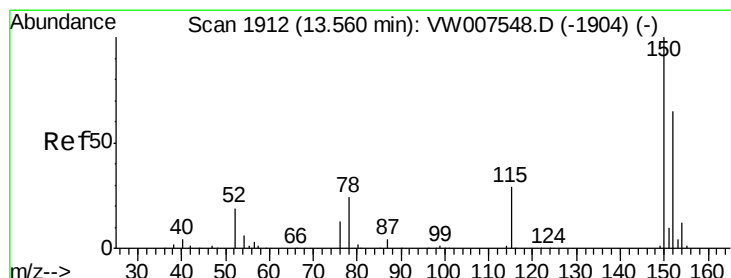
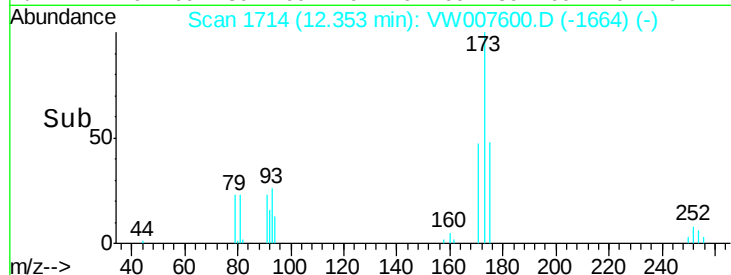
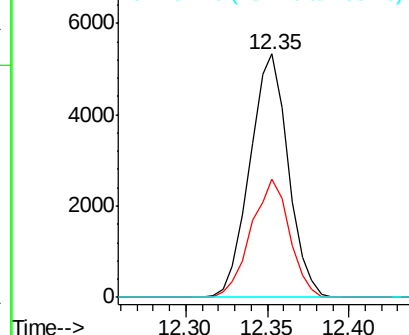
Tgt Ion:	173	Resp:	8722
Ion Ratio	Lower	Upper	
173	100		
175	48.5	23.6	70.8
254	0.0	0.0	0.0

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

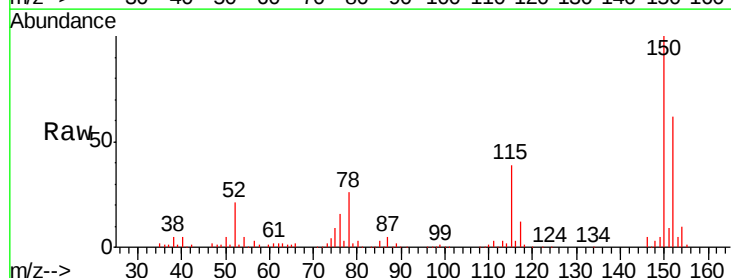
RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

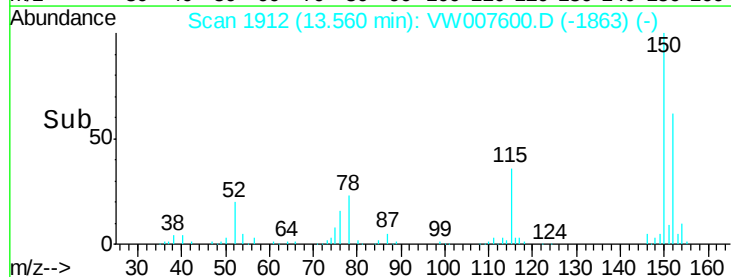
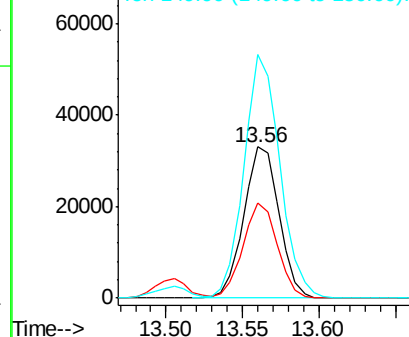
Lab File: VW007600.D

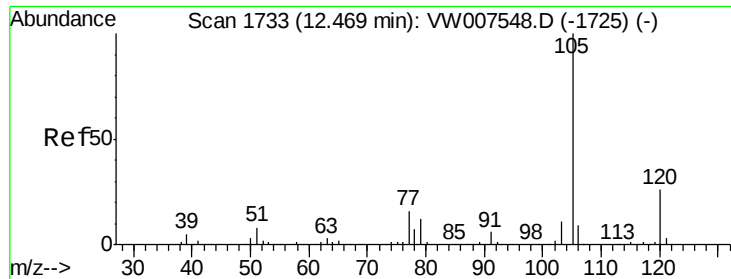
Acq: 16 Dec 2018 00:47

Tgt Ion:	152	Resp:	52867
Ion Ratio	Lower	Upper	
152	100		
115	61.3	31.4	94.2
150	164.4	0.0	358.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.619 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW007600.D

Acq: 16 Dec 2018 00:47

Instrument :

MSVOA_W

ClientSampleId :

VW1218SBS01

Tgt Ion: 105 Resp: 87575

Ion Ratio Lower Upper

105 100

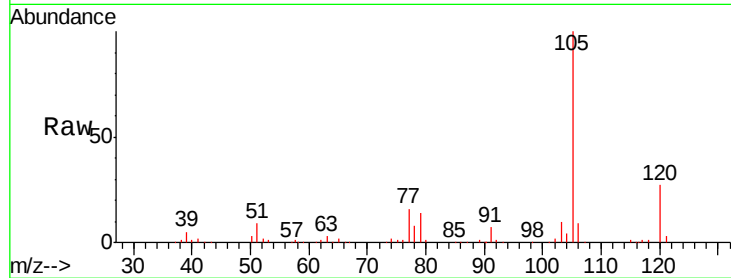
120 26.3 12.8 38.4

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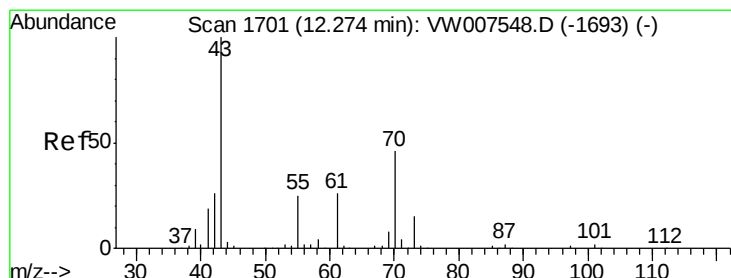
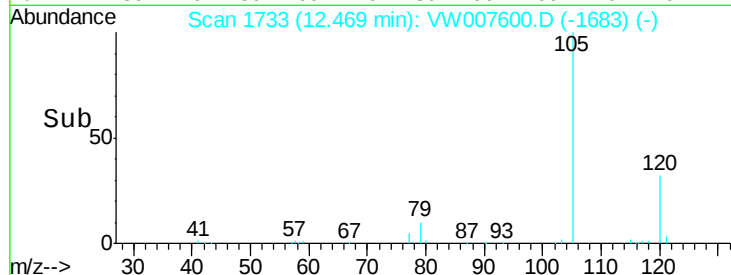
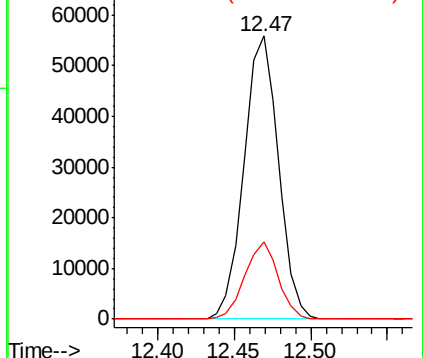
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.774 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW007600.D

Acq: 16 Dec 2018 00:47

Tgt Ion: 43 Resp: 15294

Ion Ratio Lower Upper

43 100

70 45.6 36.5 54.7

55 26.9 20.1 30.1

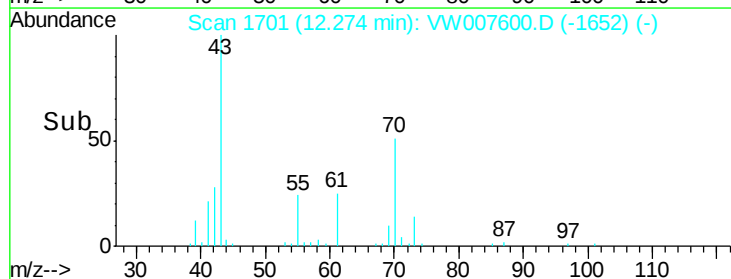
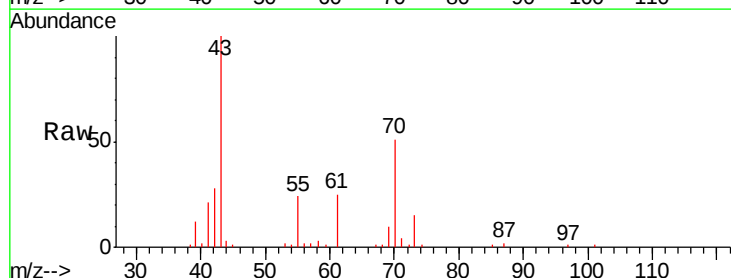
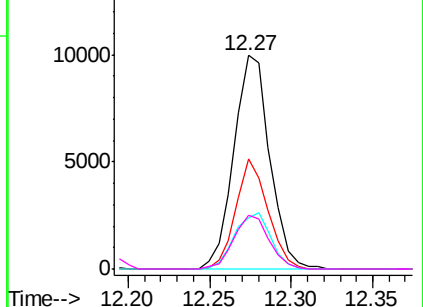
61 25.0 19.3 28.9

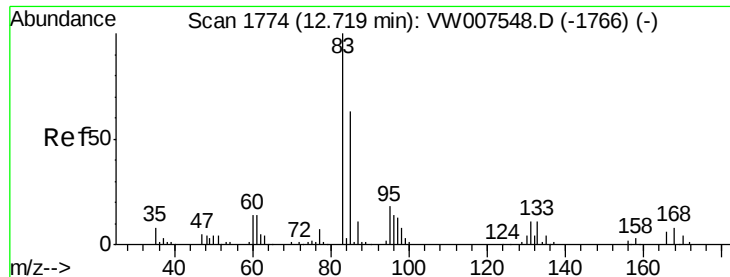
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 22.351 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW007600.D

Acq: 16 Dec 2018 00:47

Instrument :

MSVOA_W

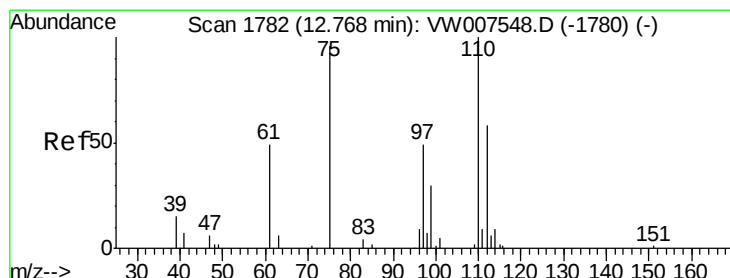
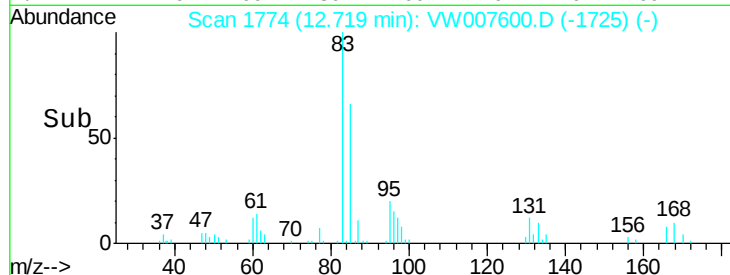
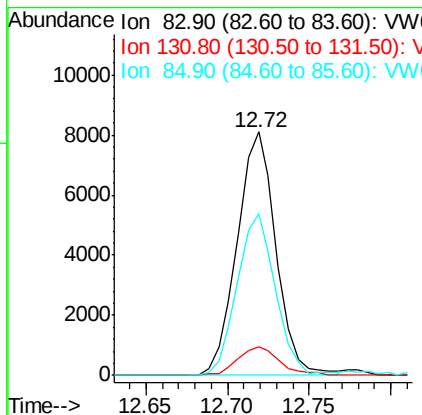
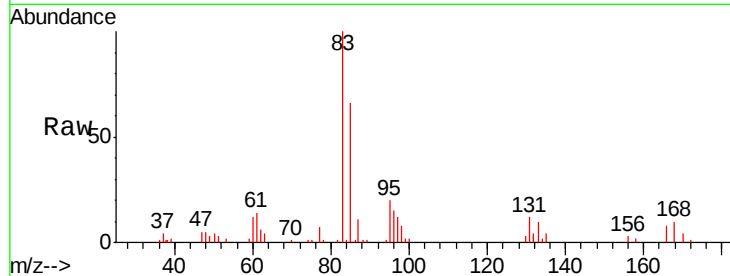
ClientSampleId :

VW1218SBS01

Tgt Ion:	83	Resp:	13410
Ion Ratio	Lower	Upper	
83	100		
131	12.8	5.9	17.8
85	65.3	30.0	90.0

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#76

1,2,3-Trichloropropane

Concen: 24.682 ug/l m

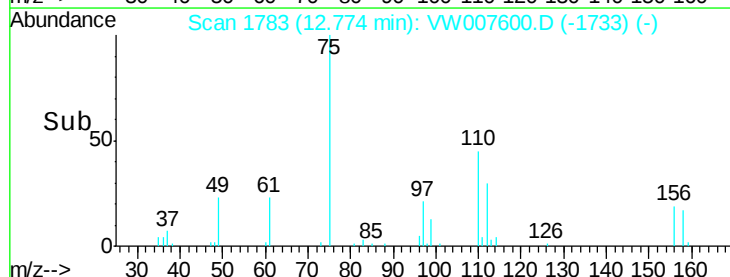
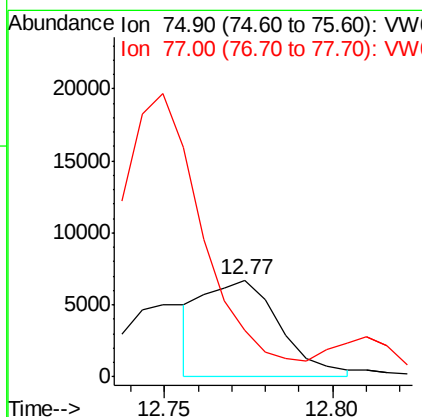
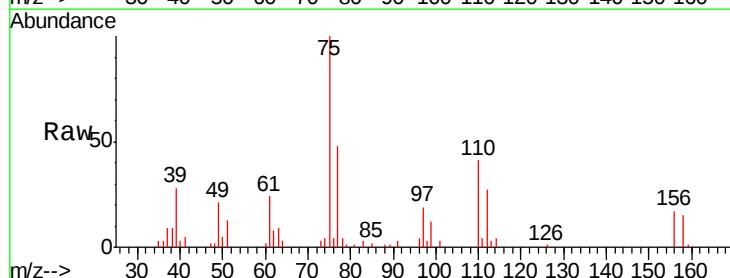
RT: 12.77 min Scan# 1783

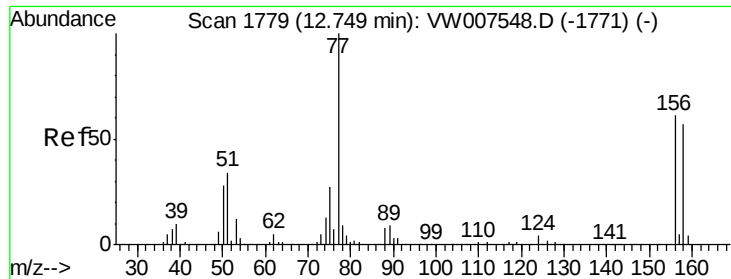
Delta R.T. 0.01 min

Lab File: VW007600.D

Acq: 16 Dec 2018 00:47

Tgt Ion:	75	Resp:	10759
Ion Ratio	Lower	Upper	
75	100		
77	0.0	166.9	500.8#





#77

Bromobenzene

Concen: 22.104 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007600.D

Acq: 16 Dec 2018 00:47

Instrument :

MSVOA_W

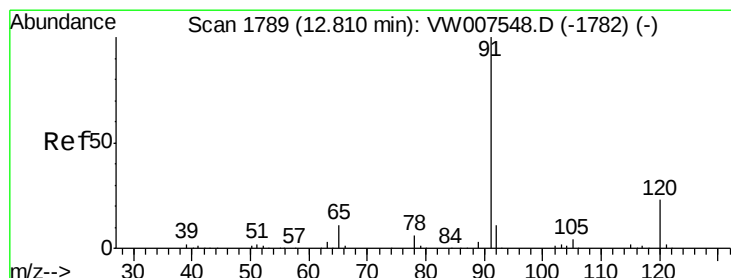
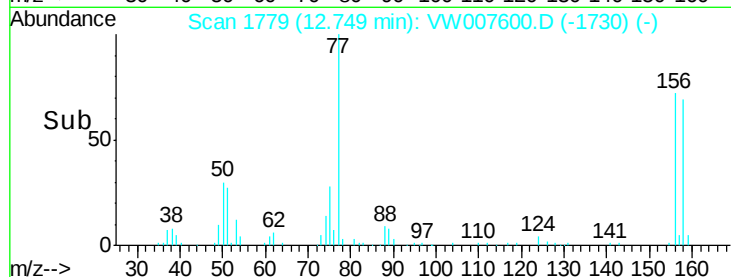
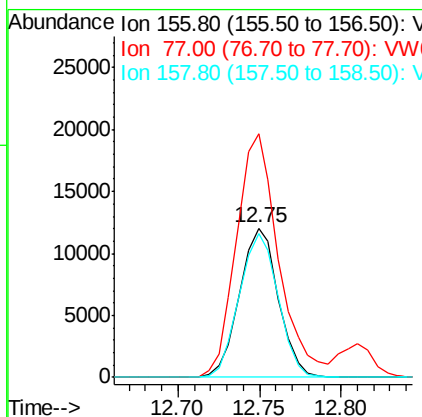
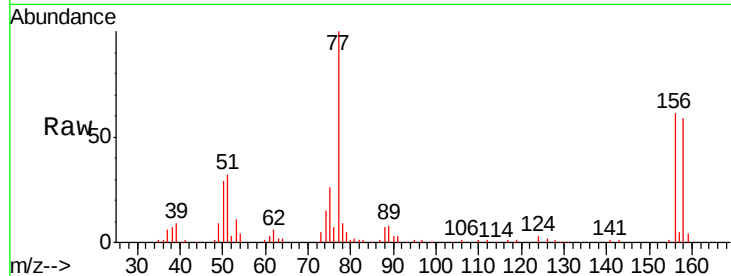
ClientSampleId :

VW1218SBS01

Tgt Ion	Ratio	Lower	Upper
156	100		
77	179.1	88.1	264.4
158	97.4	45.6	136.7

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#78

n-propylbenzene

Concen: 22.429 ug/l

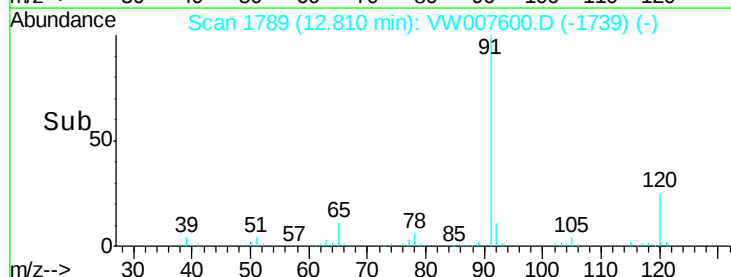
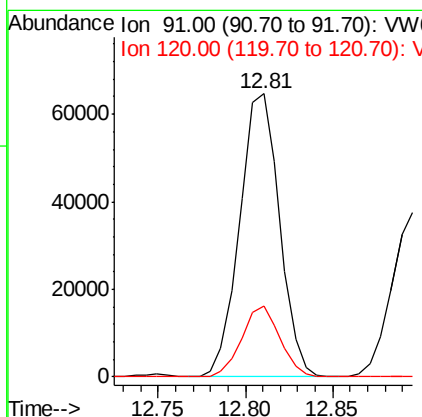
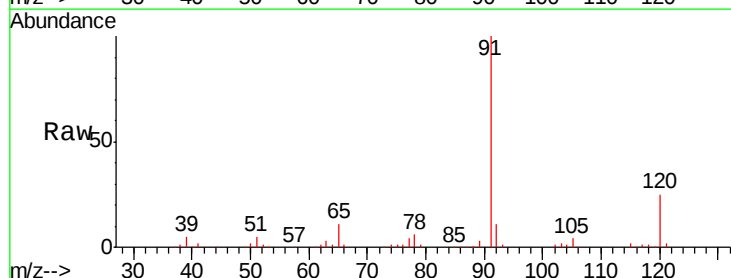
RT: 12.81 min Scan# 1789

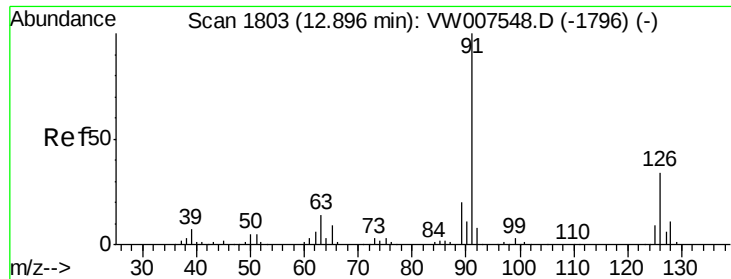
Delta R.T. 0.01 min

Lab File: VW007600.D

Acq: 16 Dec 2018 00:47

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.1	11.9	35.5





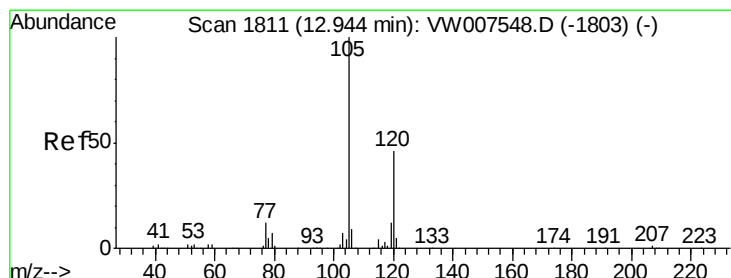
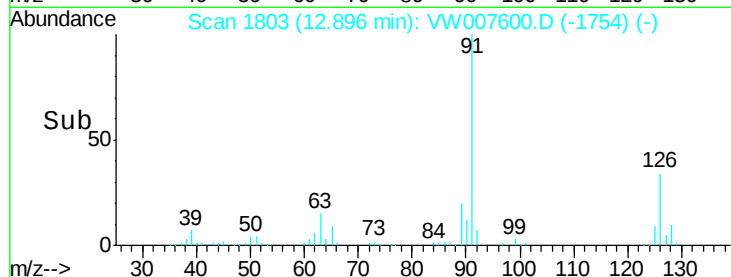
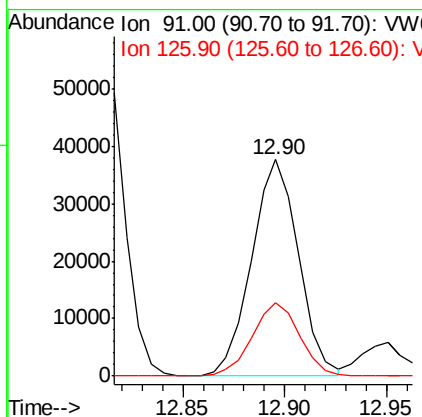
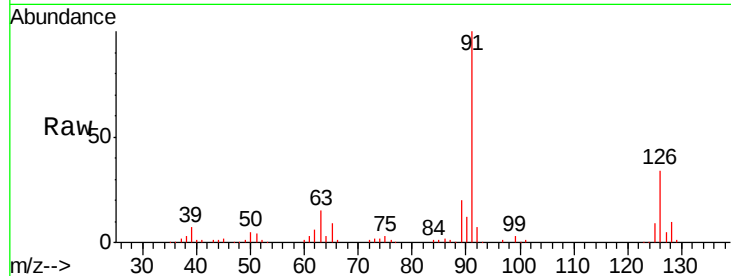
#79
2-Chlorotoluene
Concen: 21.771 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VW007600.D
Acq: 16 Dec 2018 00:47

Instrument :
MSVOA_W
ClientSampleId :
VW1218SBS01

Tgt Ion: 91 Resp: 60055
Ion Ratio Lower Upper
91 100
126 34.3 15.9 47.6

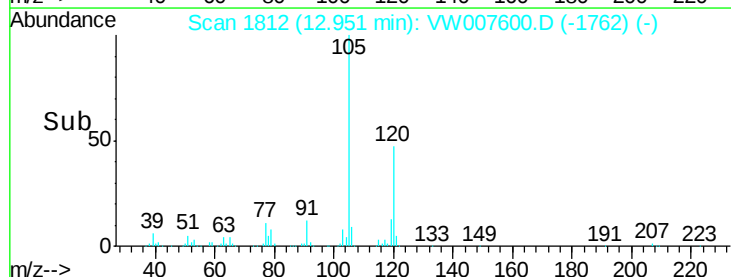
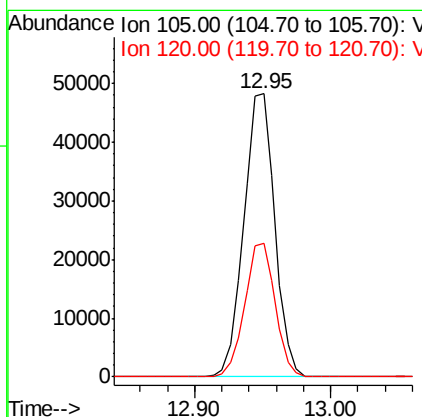
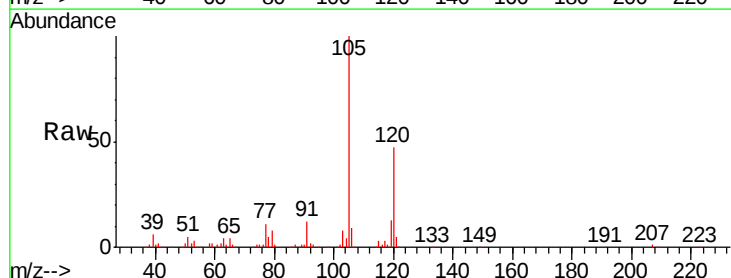
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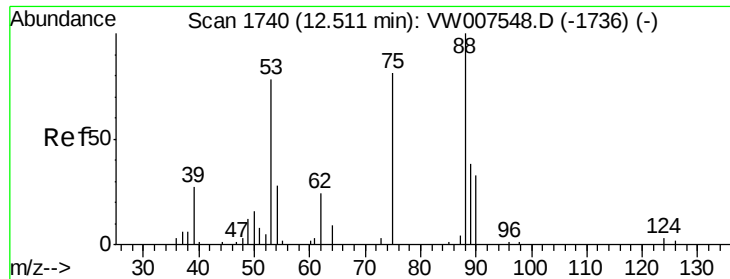
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#80
1,3,5-Trimethylbenzene
Concen: 22.532 ug/l
RT: 12.95 min Scan# 1812
Delta R.T. 0.01 min
Lab File: VW007600.D
Acq: 16 Dec 2018 00:47

Tgt Ion: 105 Resp: 76694
Ion Ratio Lower Upper
105 100
120 46.7 23.8 71.4





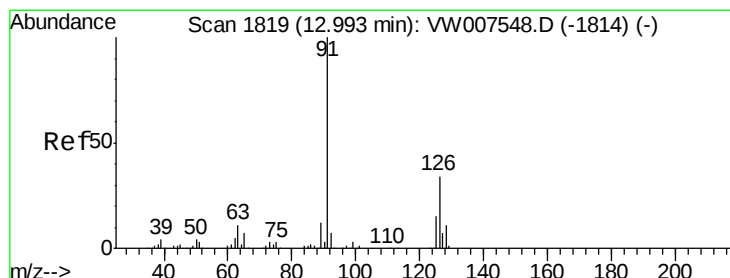
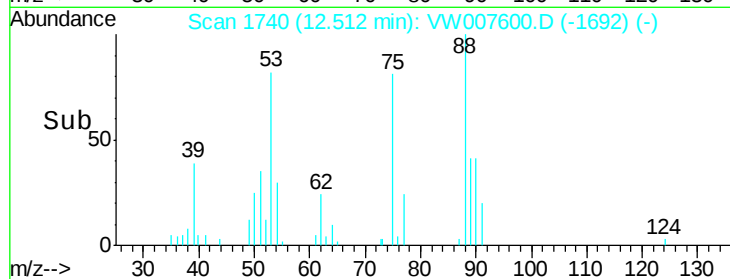
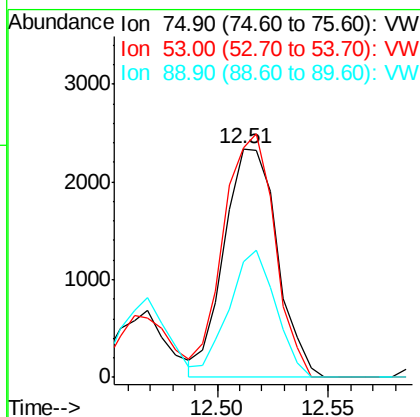
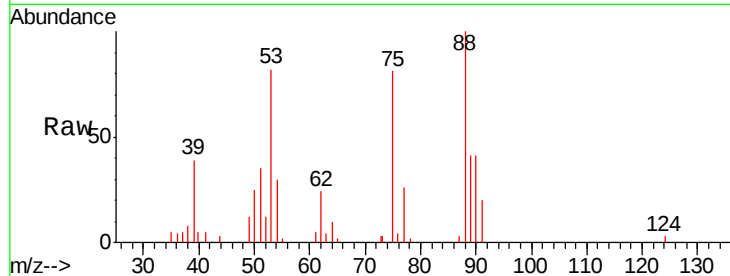
#81
trans-1,4-Dichloro-2-butene
Concen: 19.728 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.01 min
Lab File: VW007600.D
Acq: 16 Dec 2018 00:47

Instrument :
MSVOA_W
ClientSampleId :
VW1218SBS01

Tgt Ion: 75 Resp: 3893
Ion Ratio Lower Upper
75 100
53 102.6 84.9 127.3
89 49.3 40.3 60.5

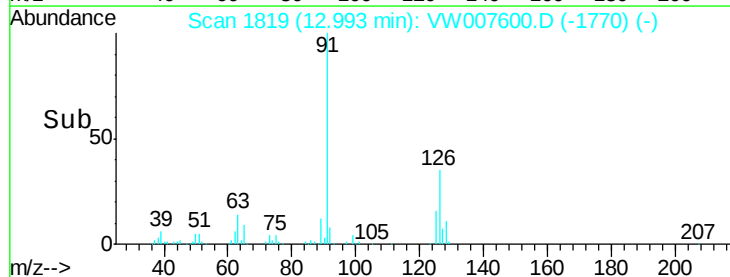
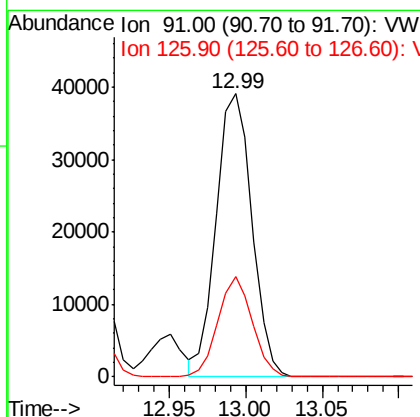
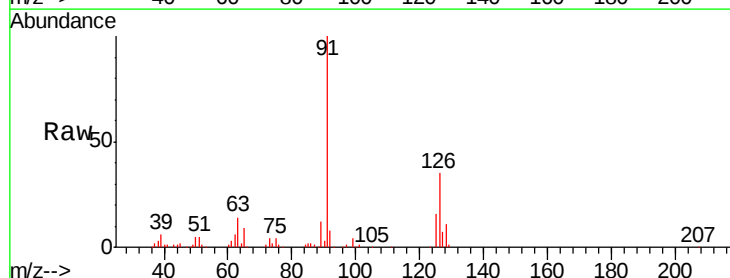
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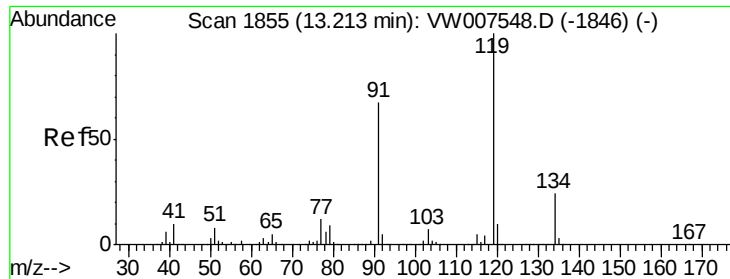
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#82
4-Chlorotoluene
Concen: 21.821 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW007600.D
Acq: 16 Dec 2018 00:47

Tgt Ion: 91 Resp: 63449
Ion Ratio Lower Upper
91 100
126 34.0 16.0 48.0





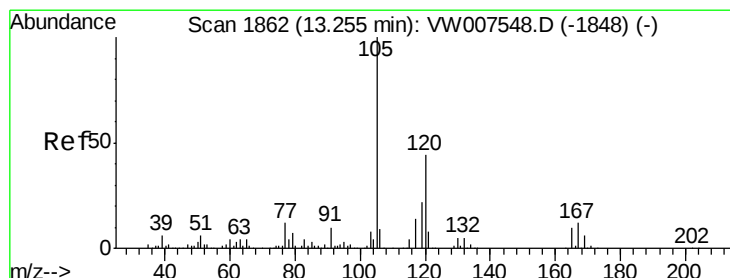
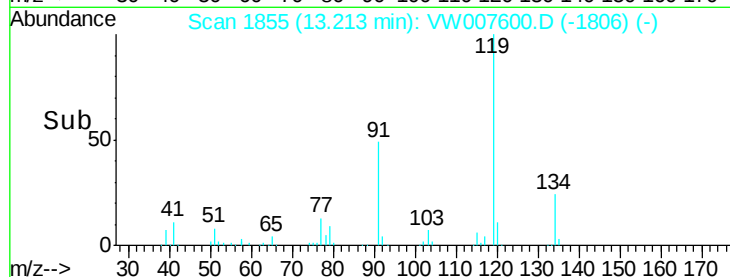
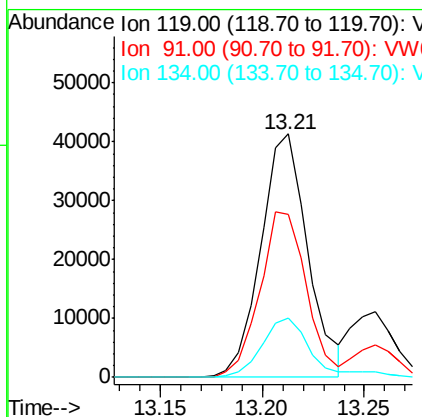
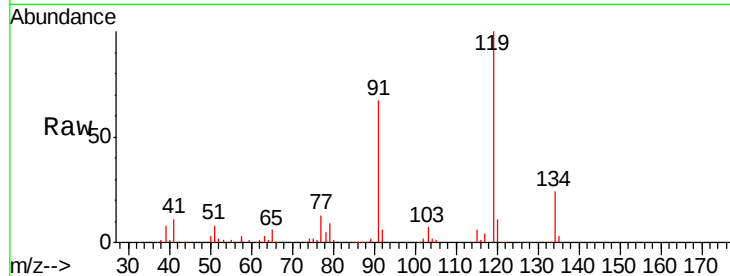
#83
tert-Butylbenzene
Concen: 22.162 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW007600.D
Acq: 16 Dec 2018 00:47

Instrument :
MSVOA_W
ClientSampleId :
VW1218SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	66467		
91	67.2	33.1	99.2	
134	25.7	12.5	37.5	

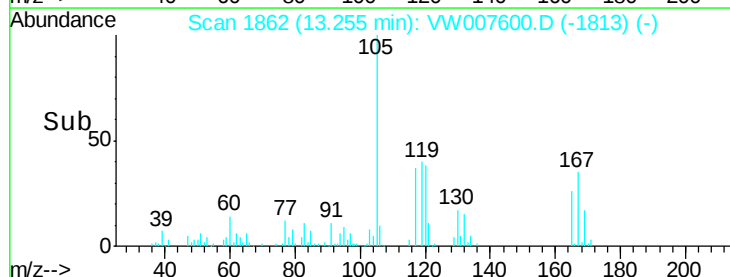
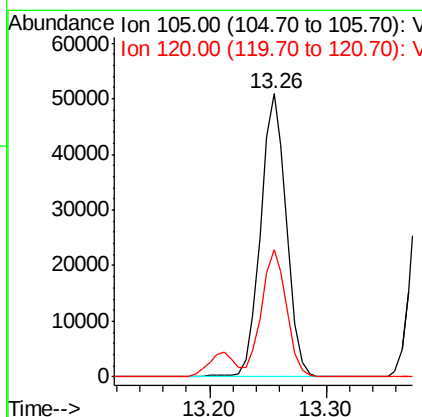
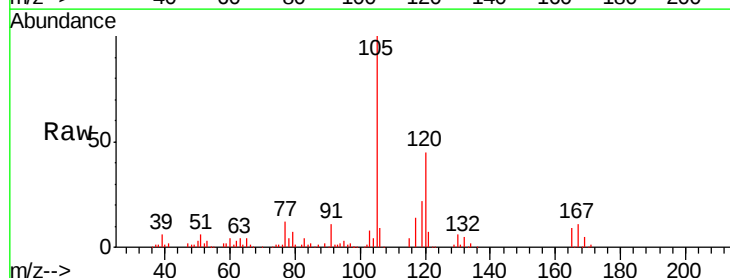
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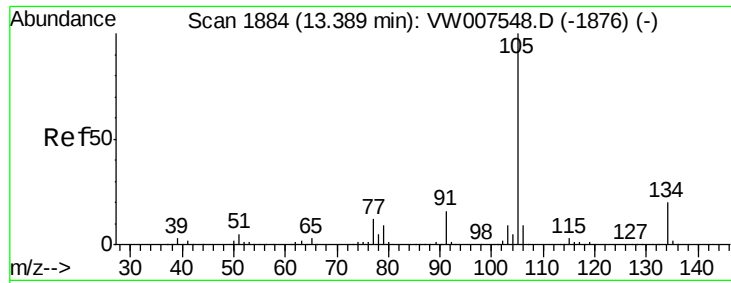
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#84
1,2,4-Trimethylbenzene
Concen: 22.322 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW007600.D
Acq: 16 Dec 2018 00:47

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	78187		
120	44.1	22.6	67.7	





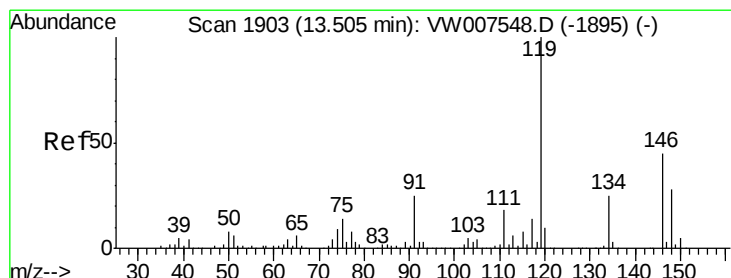
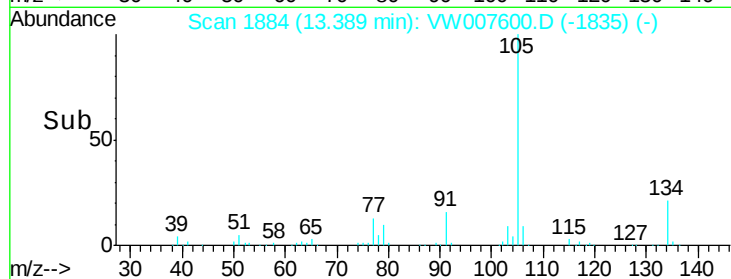
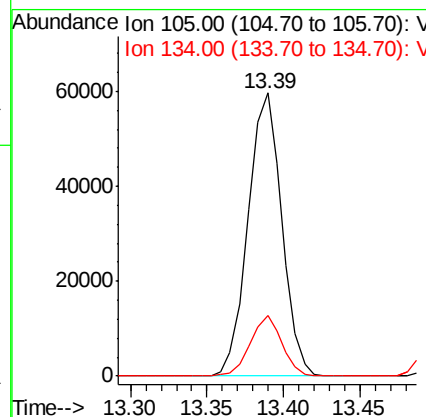
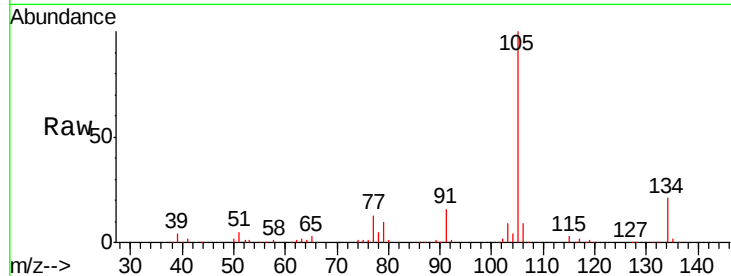
#85
 sec-Butylbenzene
 Concen: 22.330 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW007600.D
 Acq: 16 Dec 2018 00:47

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1218SBS01

Tgt Ion:105 Resp: 91425
 Ion Ratio Lower Upper
 105 100
 134 20.1 11.1 33.3

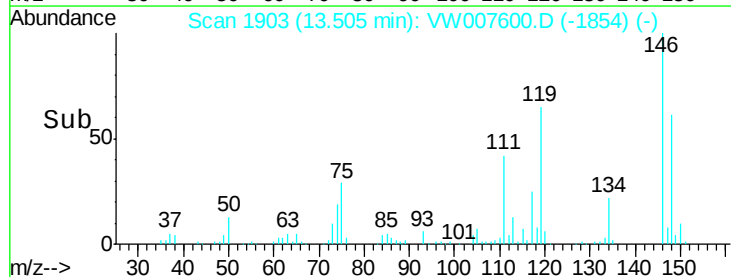
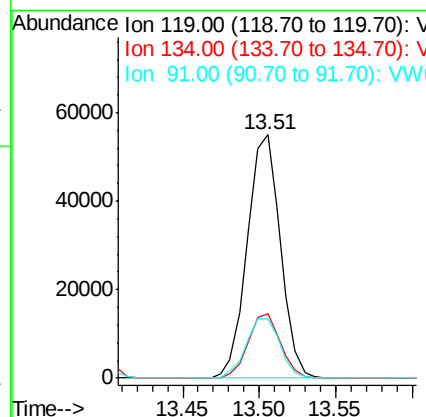
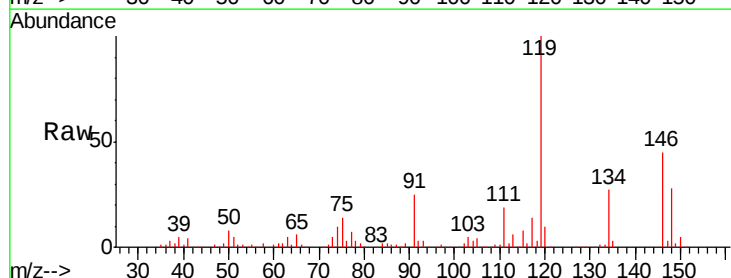
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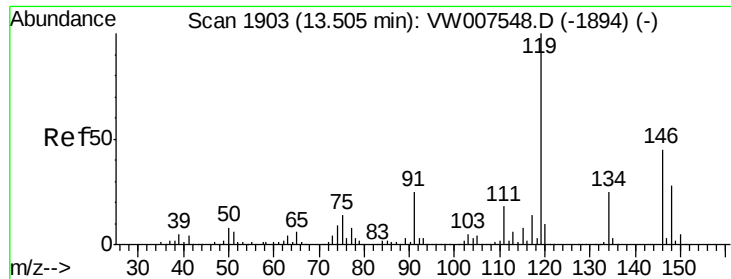
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#86
 p-Isopropyltoluene
 Concen: 22.479 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007600.D
 Acq: 16 Dec 2018 00:47

Tgt Ion:119 Resp: 82679
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.9 38.7
 91 25.3 11.9 35.9





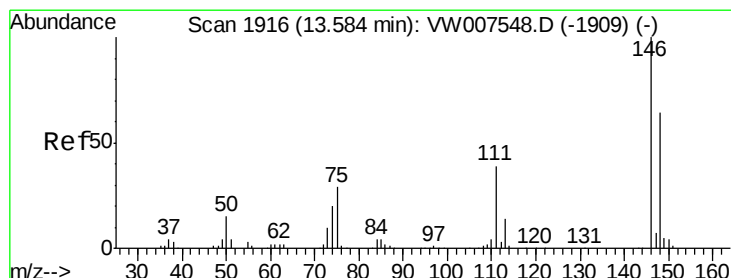
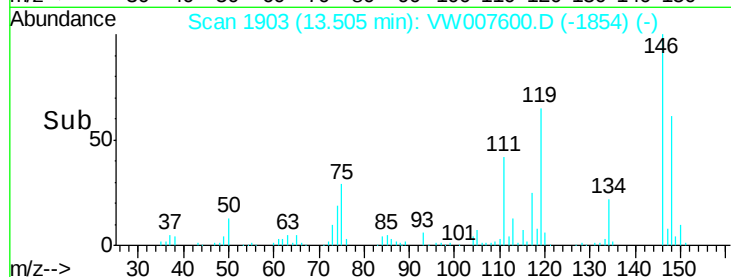
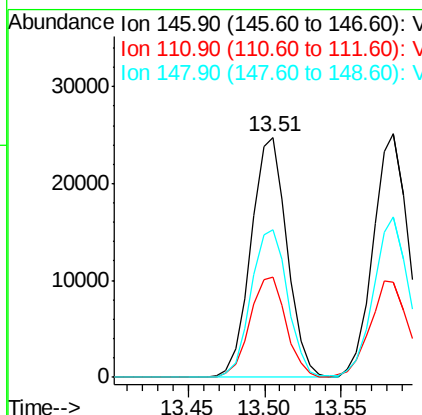
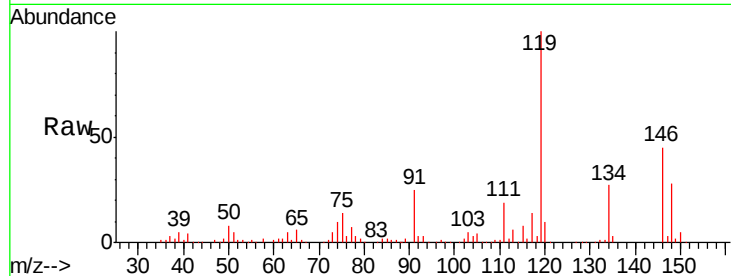
#87
 1,3-Dichlorobenzene
 Concen: 22.679 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007600.D
 Acq: 16 Dec 2018 00:47

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1218SBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.9	20.1	60.3
148	62.7	31.4	94.0

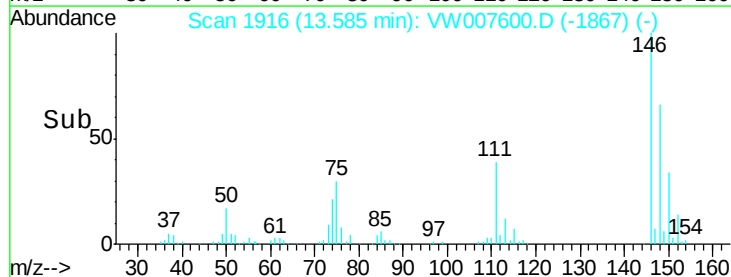
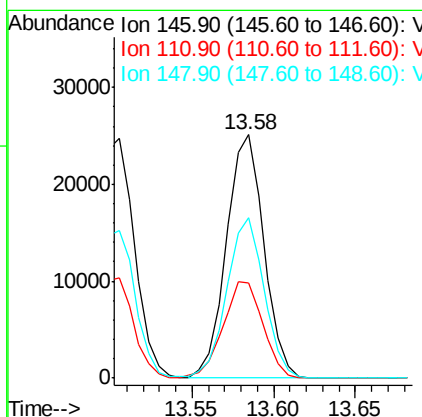
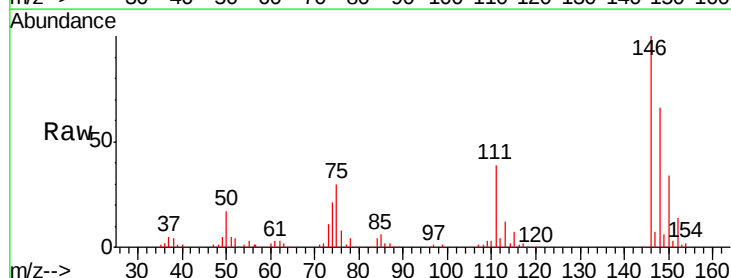
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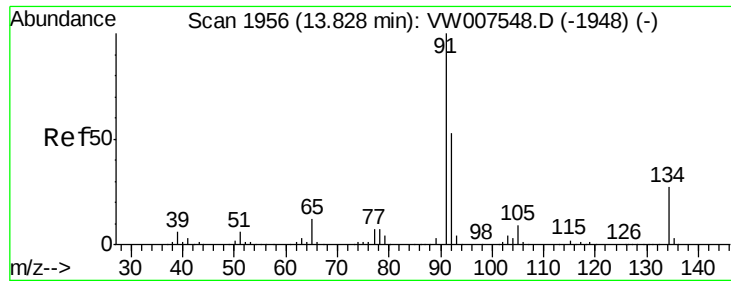
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#88
 1,4-Dichlorobenzene
 Concen: 22.343 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW007600.D
 Acq: 16 Dec 2018 00:47

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.1	20.3	61.0
148	65.5	33.5	100.5





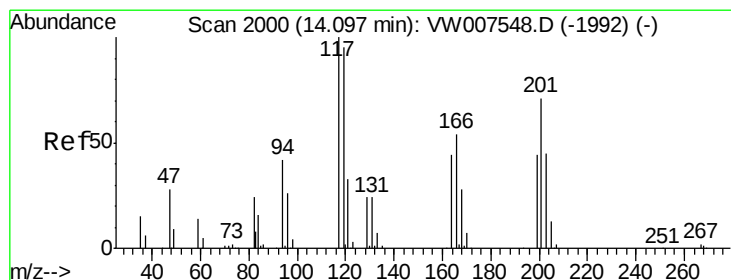
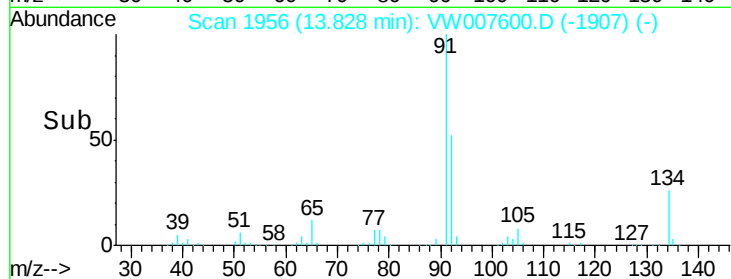
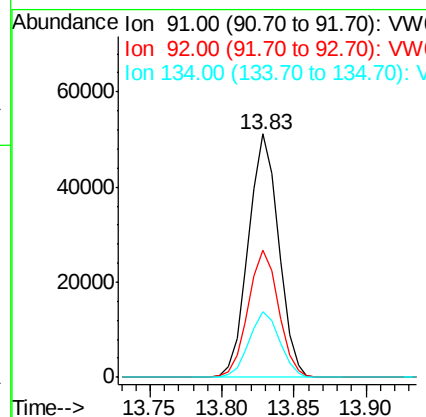
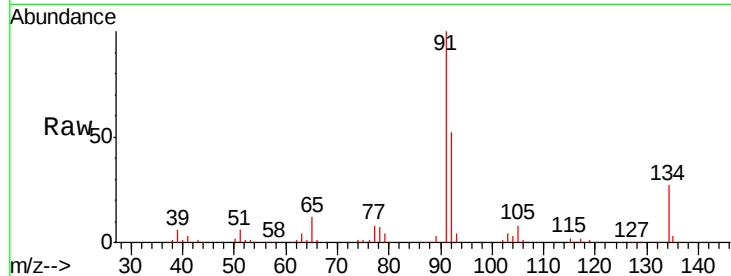
#89
n-Butylbenzene
Concen: 21.779 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW007600.D
Acq: 16 Dec 2018 00:47

Instrument :
MSVOA_W
ClientSampleId :
VW1218SBS01

Tgt Ion: 91 Resp: 74262
Ion Ratio Lower Upper
91 100
92 52.5 25.7 77.1
134 27.3 13.4 40.2

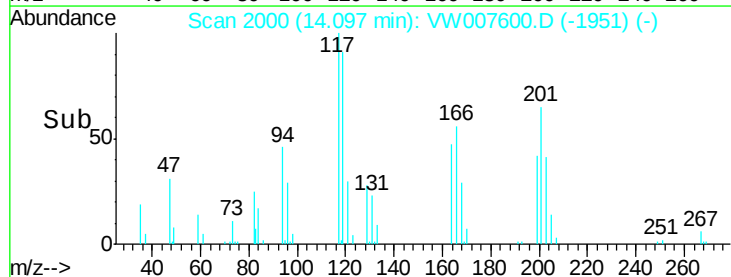
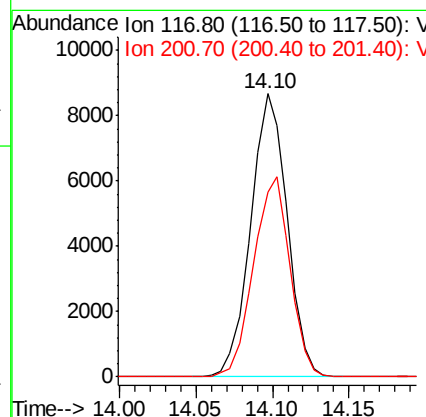
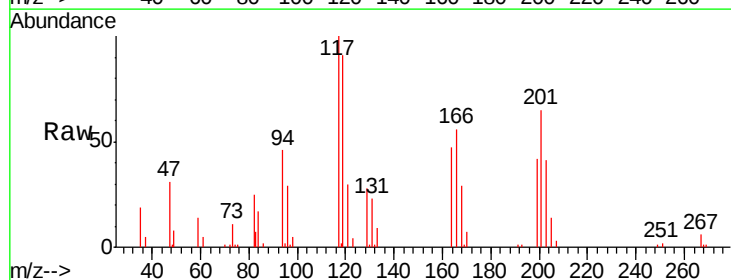
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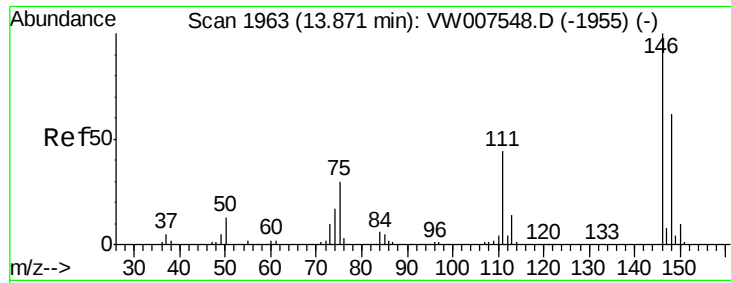
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#90
Hexachloroethane
Concen: 21.967 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW007600.D
Acq: 16 Dec 2018 00:47

Tgt Ion: 117 Resp: 14376
Ion Ratio Lower Upper
117 100
201 70.5 35.3 105.9





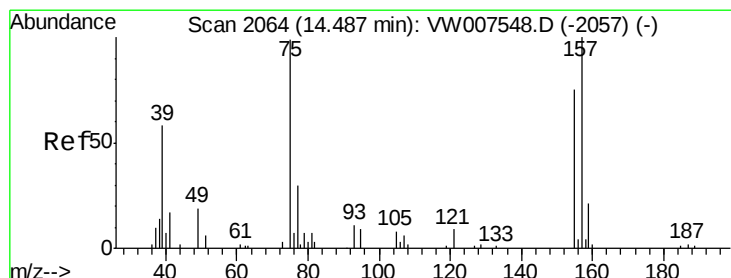
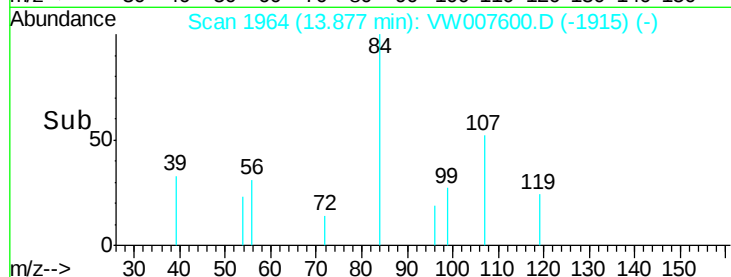
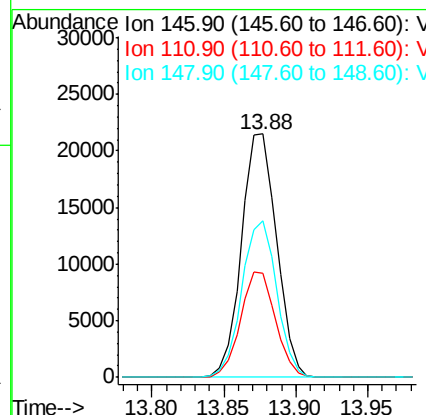
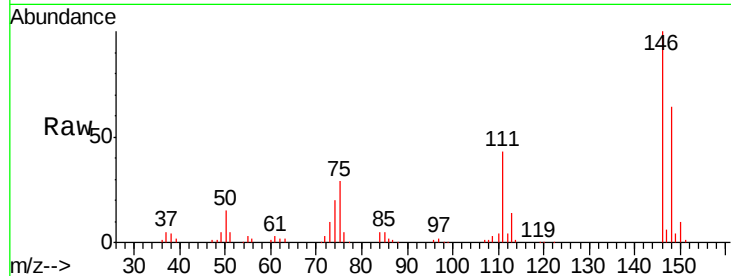
#91
 1,2-Dichlorobenzene
 Concen: 22.724 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW007600.D
 Acq: 16 Dec 2018 00:47

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1218SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	36438		
111	43.1	22.4	67.2	
148	63.4	32.4	97.2	

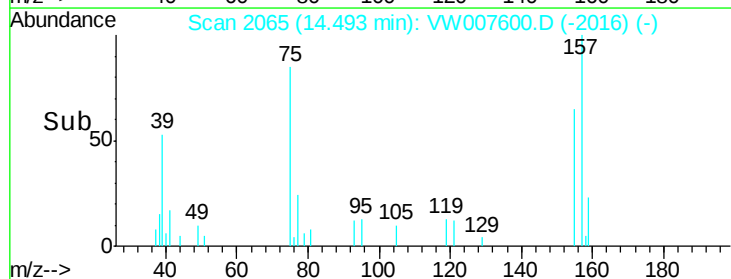
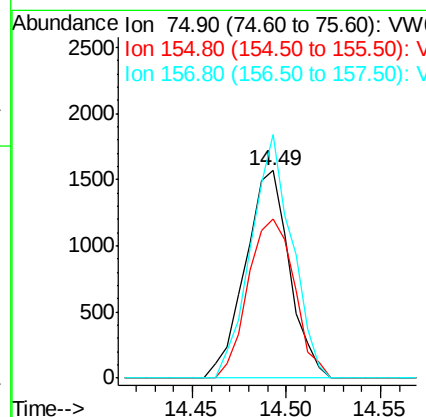
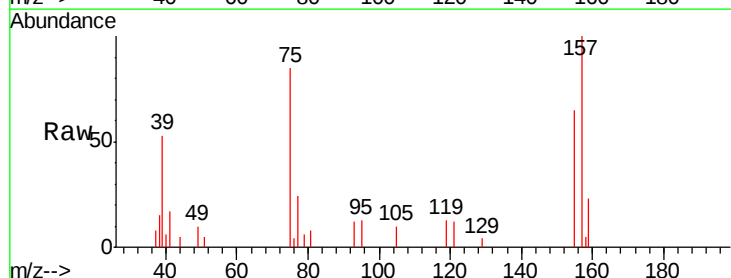
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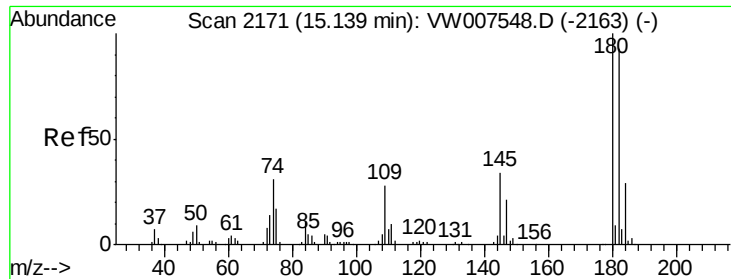
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.220 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW007600.D
 Acq: 16 Dec 2018 00:47

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	2555		
155	80.4	40.8	122.2	
157	108.1	51.1	153.4	





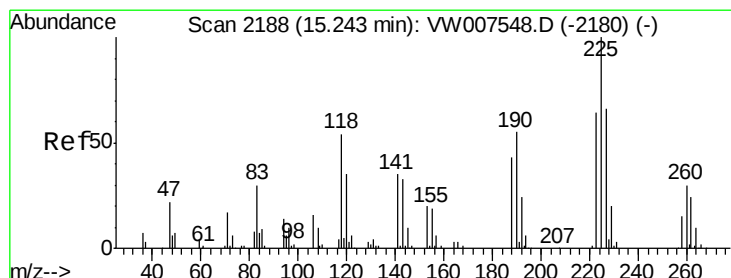
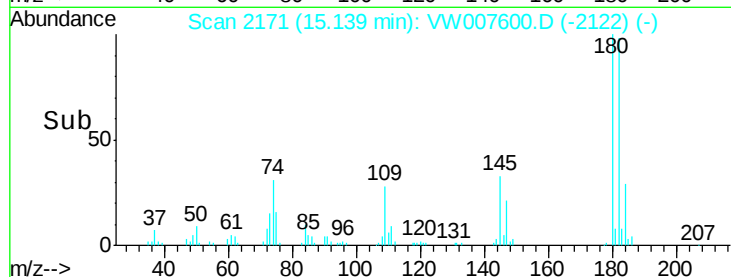
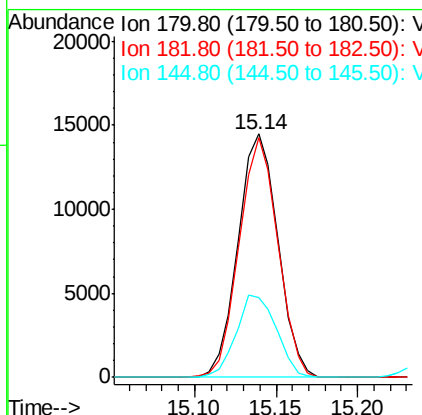
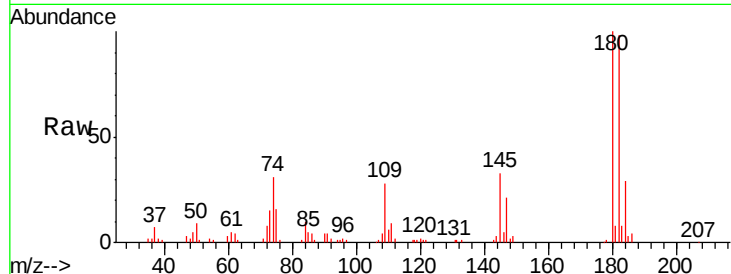
#93
 1,2,4-Trichlorobenzene
 Concen: 22.339 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW007600.D
 Acq: 16 Dec 2018 00:47

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1218SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	24651		
182	95.4	49.9	149.6	
145	34.1	17.8	53.4	

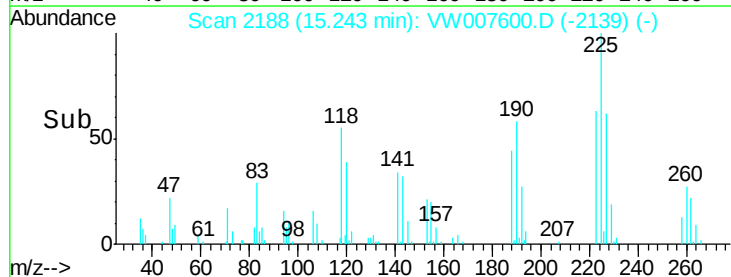
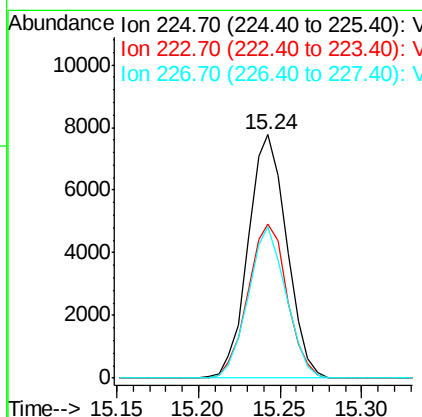
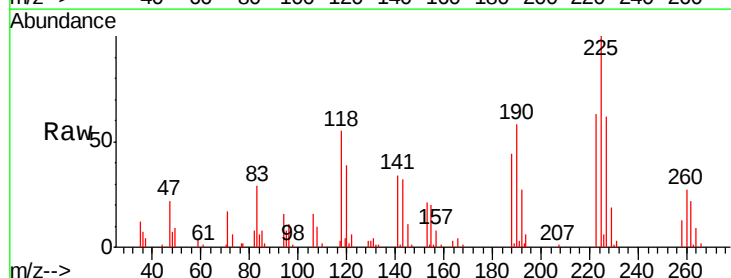
Manual Integrations
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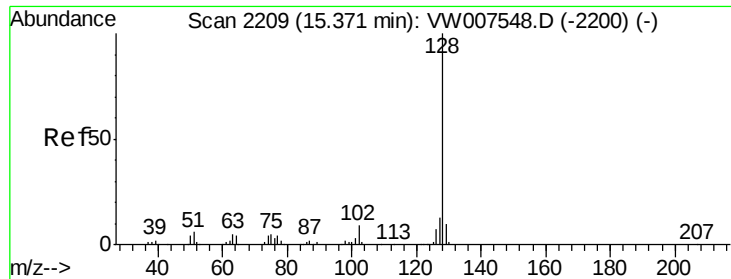
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#94
 Hexachlorobutadiene
 Concen: 21.877 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW007600.D
 Acq: 16 Dec 2018 00:47

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	12809		
223	64.2	32.1	96.3	
227	60.8	31.9	95.9	





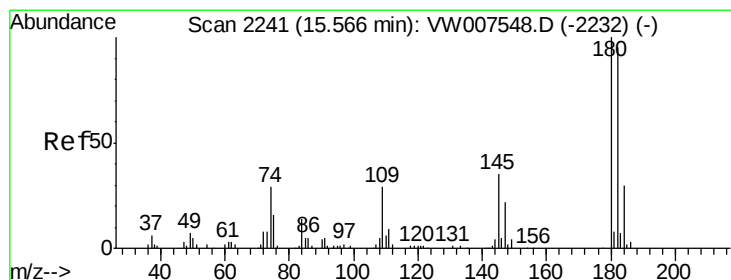
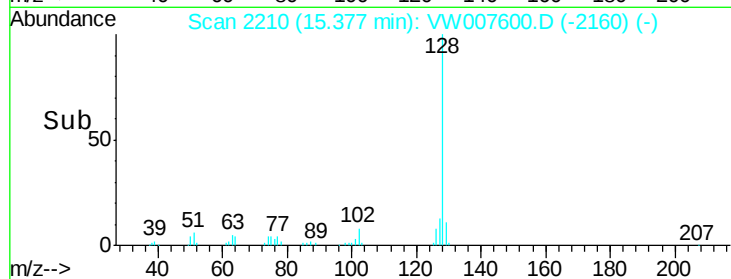
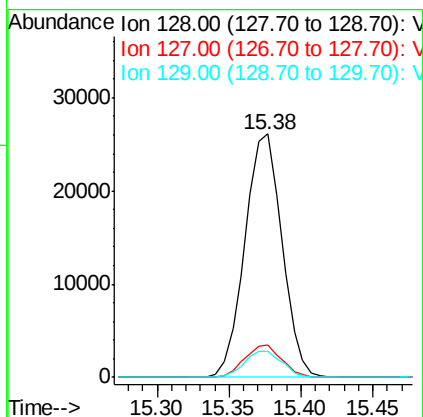
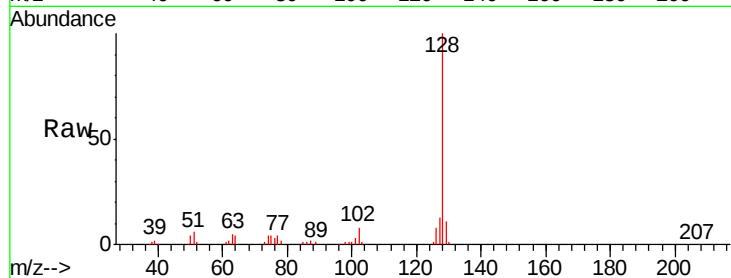
#95
Naphthalene
Concen: 22.074 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.01 min
Lab File: VW007600.D
Acq: 16 Dec 2018 00:47

Instrument :
MSVOA_W
ClientSampleId :
VW1218SBS01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.2	15.4
129	10.9	8.3	12.5

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 22.164 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW007600.D
Acq: 16 Dec 2018 00:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	45.6	136.7
145	36.1	17.5	52.5

