

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV122118\
 Data File : VW007723.D
 Acq On : 20 Dec 2018 03:48
 Operator : SY/AP
 Sample : VW1221SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1221SBS02

Manual Integrations
 APPROVED

apatel
 12/20/2018 11:20:25 AM

Quant Time: Dec 20 07:47:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	73605	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	124045	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	112981	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	56978	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	43835	54.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.68%	
35) Dibromofluoromethane	7.88	113	39856	52.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.34%	
50) Toluene-d8	10.32	98	153899	53.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.90%	
62) 4-Bromofluorobenzene	12.62	95	58994	53.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	10260	15.680	ug/l	98
3) Chloromethane	2.21	50	9037	22.491	ug/l	95
4) Vinyl Chloride	2.37	62	11298	22.089	ug/l	99
5) Bromomethane	2.78	94	8401	23.582	ug/l #	78
6) Chloroethane	2.93	64	6652	24.310	ug/l	94
7) Trichlorofluoromethane	3.26	101	9531	17.899	ug/l	91
8) Diethyl Ether	3.68	74	7249	22.225	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	4.06	101	14519	18.513	ug/l	95
10) Methyl Iodide	4.26	142	25704	20.610	ug/l	97
11) Tert butyl alcohol	5.17	59	6213	114.165	ug/l #	73
12) 1,1-Dichloroethene	4.03	96	14558	20.047	ug/l	96
13) Acrolein	3.88	56	4864	111.783	ug/l	97
14) Allyl chloride	4.67	41	20709	21.746	ug/l	95
15) Acrylonitrile	5.37	53	14569	104.716	ug/l	100
16) Acetone	4.12	43	13383	88.588	ug/l	98
17) Carbon Disulfide	4.37	76	44093	19.621	ug/l #	94
18) Methyl Acetate	4.67	43	7441	20.711	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	23510	22.550	ug/l	94
20) Methylene Chloride	4.91	84	19539	22.379	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	16164	20.238	ug/l	89
22) Diisopropyl ether	6.31	45	40243	22.568	ug/l	96
23) Vinyl Acetate	6.26	43	112367	106.063	ug/l	99
24) 1,1-Dichloroethane	6.21	63	27991	21.338	ug/l	97
25) 2-Butanone	7.17	43	17296	97.746	ug/l	93
26) 2,2-Dichloropropane	7.17	77	18087	18.842	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	18418	21.645	ug/l	99
28) Bromochloromethane	7.51	49	9646	21.567	ug/l	98
29) Tetrahydrofuran	7.53	42	11350	107.535	ug/l	99
30) Chloroform	7.68	83	30625	20.629	ug/l	97
31) Cyclohexane	7.95	56	23933	19.929	ug/l	91
32) 1,1,1-Trichloroethane	7.87	97	27017	19.982	ug/l	99
36) 1,1-Dichloropropene	8.08	75	22845	19.081	ug/l	99
37) Ethyl Acetate	7.25	43	8064	19.516	ug/l	98
38) Carbon Tetrachloride	8.07	117	25168	17.850	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	27432	18.439	ug/l	99
40) Benzene	8.32	78	64807	20.285	ug/l	99
41) Methacrylonitrile	7.49	41	5288	22.541	ug/l	92
42) 1,2-Dichloroethane	8.40	62	21033	19.645	ug/l	99
43) Isopropyl Acetate	8.43	43	16765	20.252	ug/l	99
44) Trichloroethene	9.09	130	18795	19.453	ug/l	99
45) 1,2-Dichloropropane	9.37	63	15045	21.223	ug/l	98
46) Dibromomethane	9.46	93	8738	20.024	ug/l	99
47) Bromodichloromethane	9.64	83	22224	19.372	ug/l	100
48) Methyl methacrylate	9.43	41	7963m	19.271	ug/l	
49) 1,4-Dioxane	9.45	88	2830	409.037	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	38868	99.351	ug/l	100
52) Toluene	10.39	92	42700	19.920	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	21760	19.069	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	24825	19.696	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	12041	20.015	ug/l	99
56) Ethyl methacrylate	10.65	69	14701	20.683	ug/l	98
57) 1,3-Dichloropropane	10.93	76	20720	20.741	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	33617	103.588	ug/l	98
59) 2-Hexanone	10.97	43	26970	98.025	ug/l	99
60) Dibromochloromethane	11.13	129	15830	19.873	ug/l	99
61) 1,2-Dibromoethane	11.24	107	12327	20.234	ug/l	96
64) Tetrachloroethene	10.87	164	16487	20.607	ug/l	95
65) Chlorobenzene	11.66	112	48833	19.969	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	17555	20.091	ug/l	97
67) Ethyl Benzene	11.73	91	84086	20.038	ug/l	100
68) m/p-Xylenes	11.84	106	65049	39.961	ug/l	98
69) o-Xylene	12.17	106	31956	20.943	ug/l	96
70) Styrene	12.18	104	51528	20.544	ug/l	99
71) Bromoform	12.35	173	8814	19.431	ug/l #	100
73) Isopropylbenzene	12.47	105	87530	20.323	ug/l	99
74) N-amyl acetate	12.27	43	15405	20.650	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	12781	19.792	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	8096m	18.384	ug/l	
77) Bromobenzene	12.75	156	19968	20.230	ug/l	98
78) n-propylbenzene	12.80	91	101061	20.158	ug/l	98
79) 2-Chlorotoluene	12.90	91	59099	20.235	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	74680	20.102	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	3750	17.874	ug/l	93
82) 4-Chlorotoluene	12.99	91	63660	20.471	ug/l	100
83) tert-Butylbenzene	13.21	119	66623	20.439	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	78561	20.957	ug/l	99
85) sec-Butylbenzene	13.39	105	90460	20.136	ug/l	99
86) p-Isopropyltoluene	13.51	119	81758	20.014	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	39762	20.289	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	39522	20.161	ug/l	100
89) n-Butylbenzene	13.83	91	72464	19.347	ug/l	99
90) Hexachloroethane	14.10	117	13808	19.254	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	35932	20.478	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2771	20.895	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	24431	20.059	ug/l	98
94) Hexachlorobutadiene	15.24	225	13183	20.253	ug/l	96
95) Naphthalene	15.38	128	47127	20.928	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	20699	19.853	ug/l	99

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

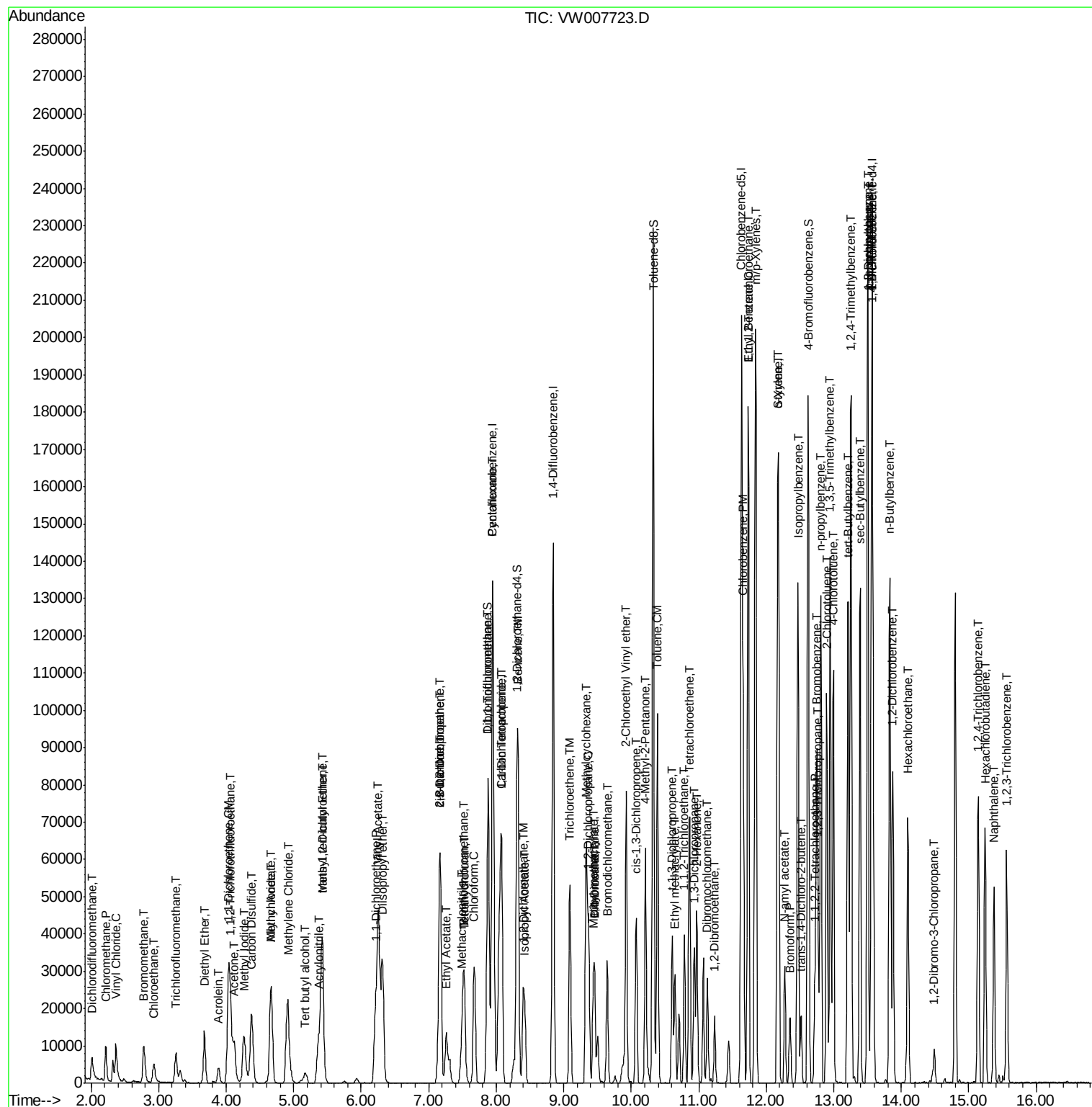
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122118\
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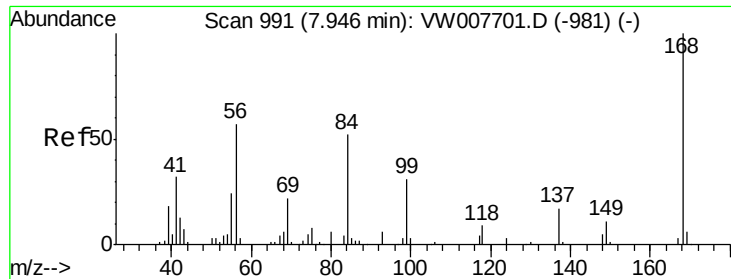
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW007723.D

Acq: 20 Dec 2018 03:48

Instrument :

MSVOA_W

ClientSampleId :

VW1221SBS02

Tot Ion:168 Resp: 73605

Ion Ratio Lower Upper

168 100

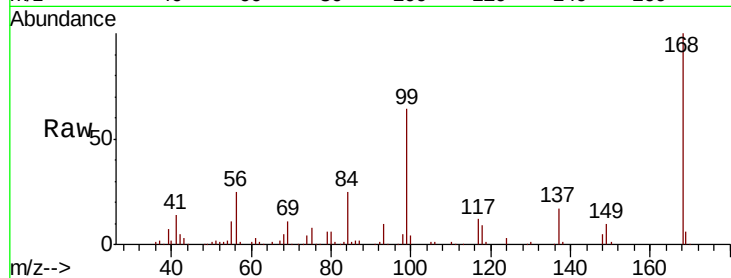
99 63.6 54.0 81.0

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

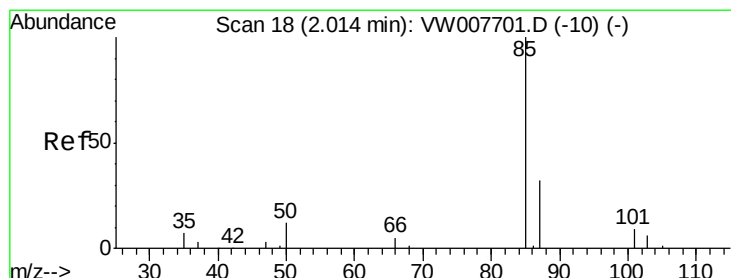
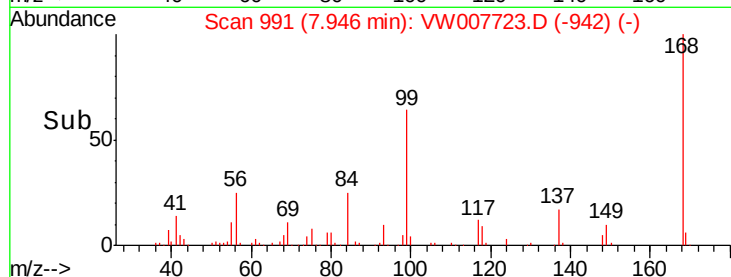
20000

10000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 15.680 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW007723.D

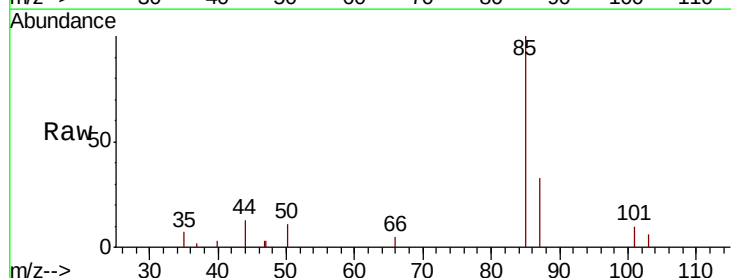
Acq: 20 Dec 2018 03:48

Tgt Ion: 85 Resp: 10260

Ion Ratio Lower Upper

85 100

87 33.4 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

4000

3000

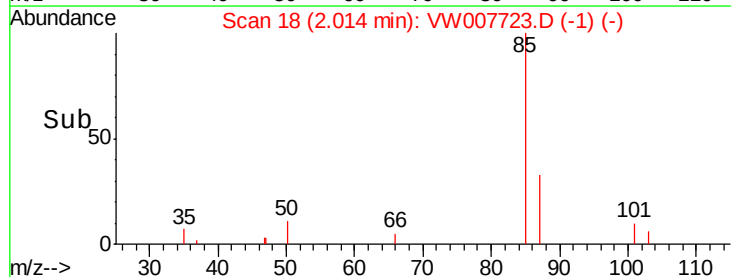
2000

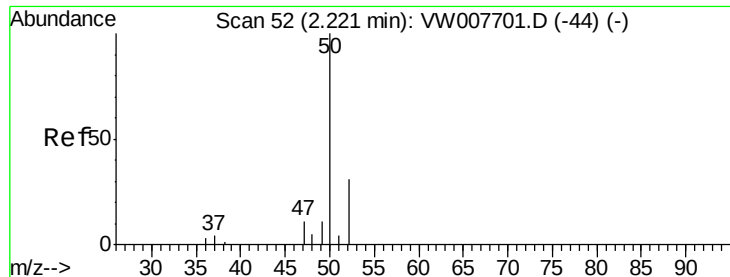
1000

0

1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 22.491 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW007723.D

Acq: 20 Dec 2018 03:48

Instrument :

MSVOA_W

ClientSampleId :

VW1221SBS02

Tot Ion: 50 Resp: 9037

Ion Ratio Lower Upper

50 100

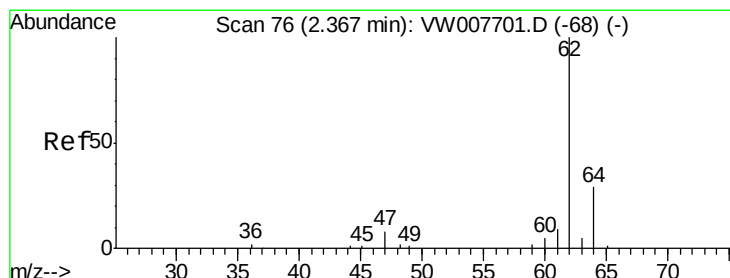
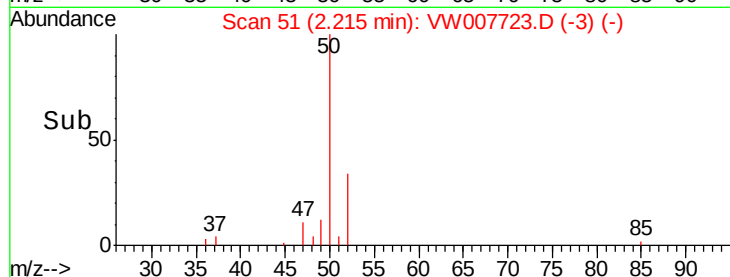
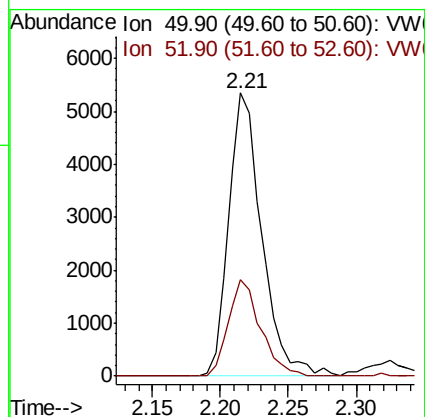
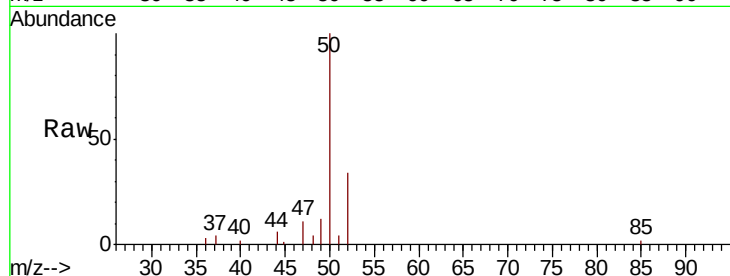
52 34.2 25.1 37.7

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#4

Vinyl Chloride

Concen: 22.089 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW007723.D

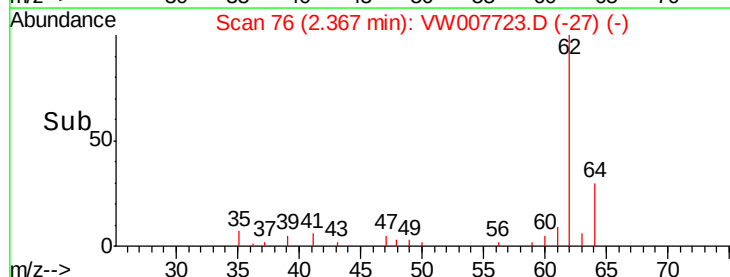
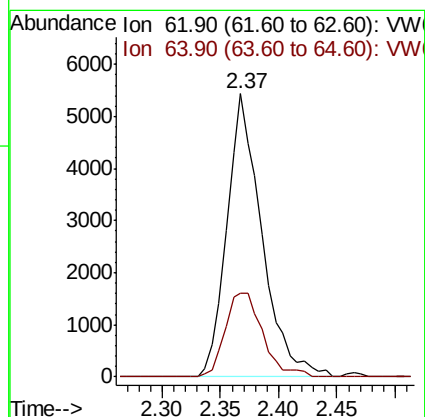
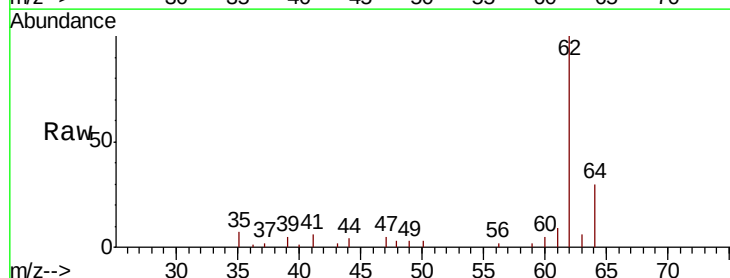
Acq: 20 Dec 2018 03:48

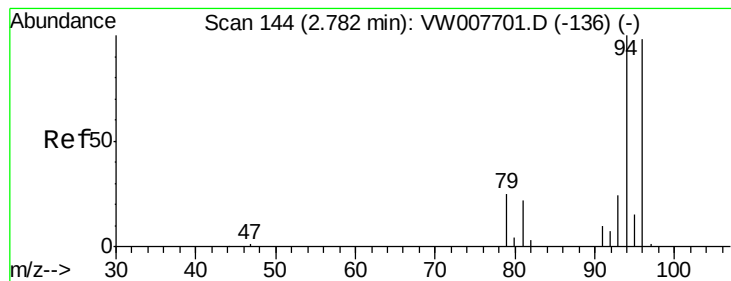
Tgt Ion: 62 Resp: 11298

Ion Ratio Lower Upper

62 100

64 29.7 23.4 35.0





#5

Bromomethane

Concen: 23.582 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.00 min

Lab File: VW007723.D

Acq: 20 Dec 2018 03:48

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Tot Ion: 94 Resp: 8401

Ion Ratio Lower Upper

94 100

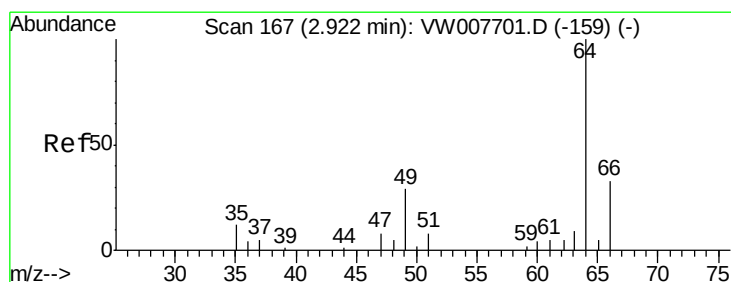
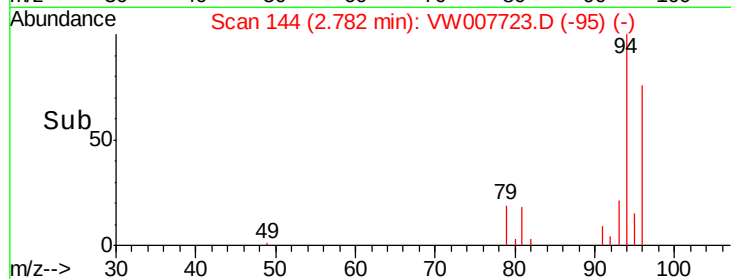
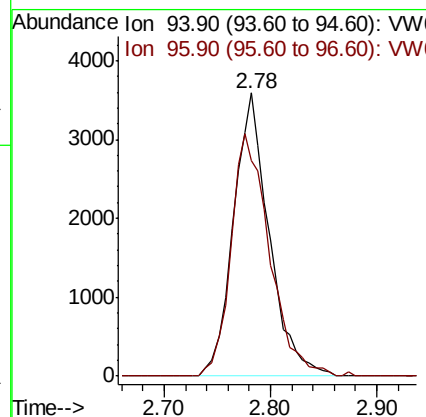
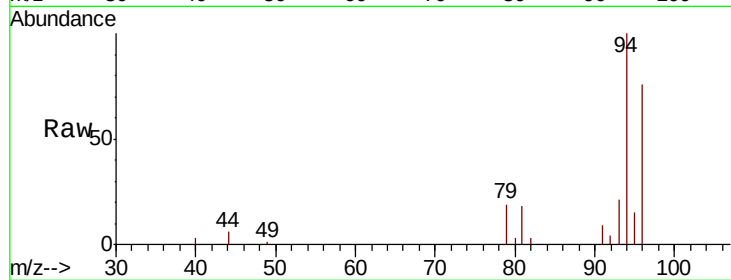
96 76.1 78.2 117.2#

Manual Integrations

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12/20/2018 11:20:25 AM



#6

Chloroethane

Concen: 24.310 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.01 min

Lab File: VW007723.D

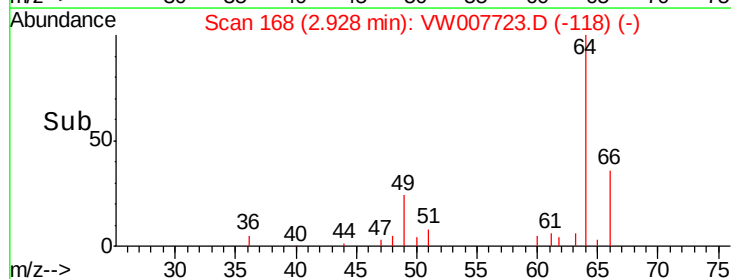
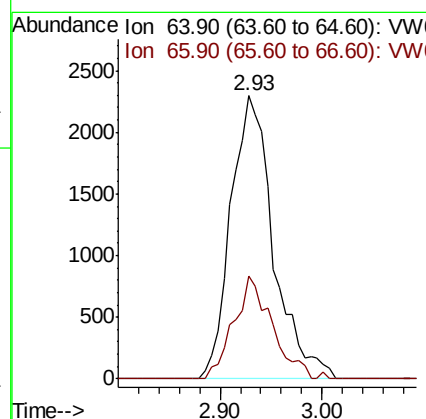
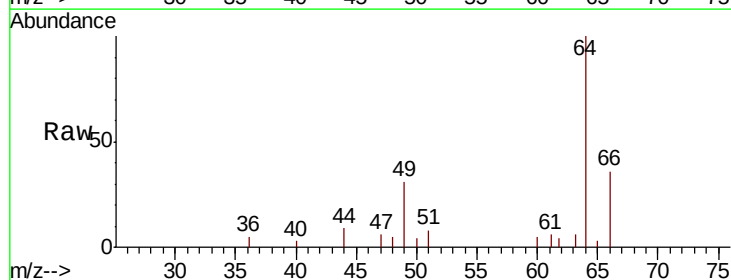
Acq: 20 Dec 2018 03:48

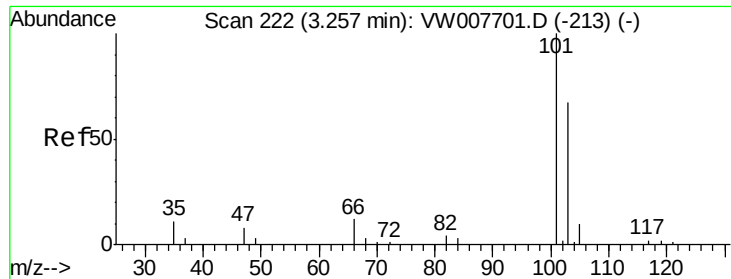
Tgt Ion: 64 Resp: 6652

Ion Ratio Lower Upper

64 100

66 36.1 26.2 39.4





#7

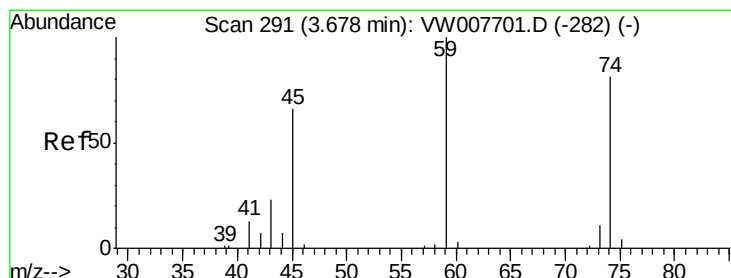
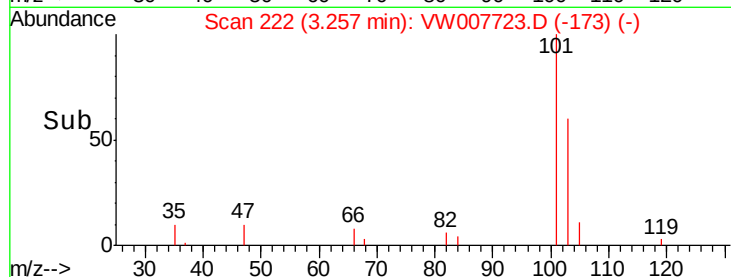
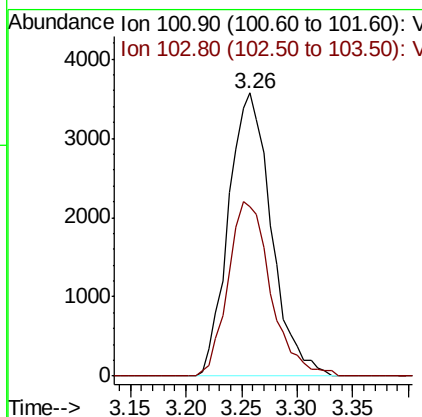
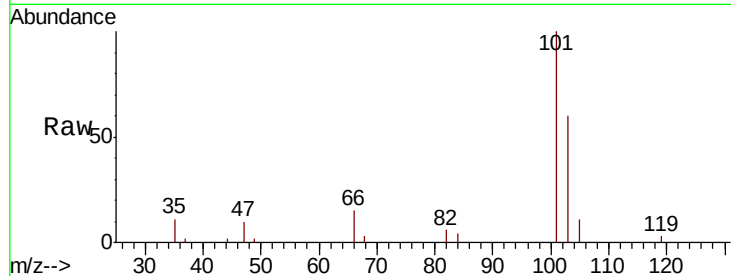
Trichlorofluoromethane
Concen: 17.899 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.00 min
Lab File: VW007723.D
Acq: 20 Dec 2018 03:48

Instrument :
MSVOA_W
ClientSampleId :
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Tot Ion:101 Resp: 9531
Ion Ratio Lower Upper
101 100
103 59.9 53.4 80.2

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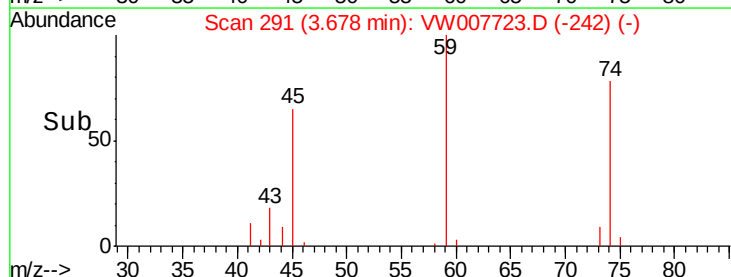
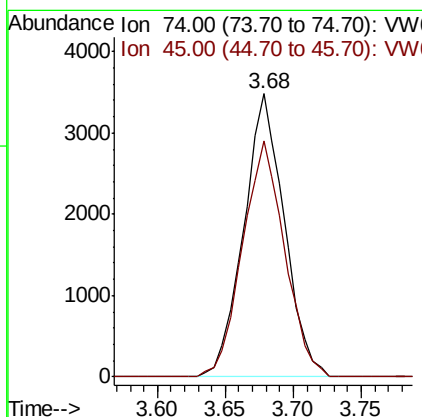
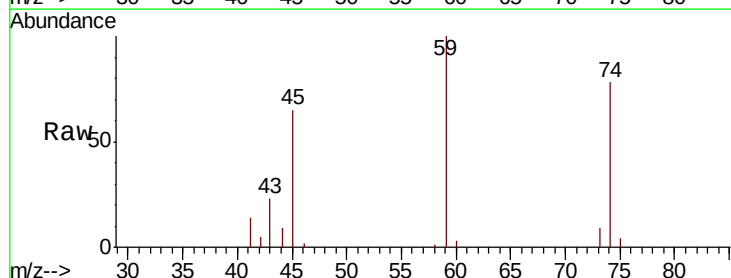
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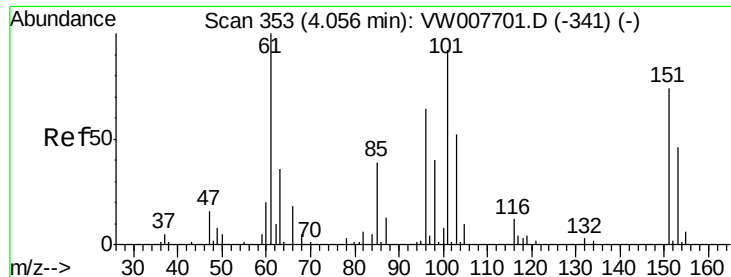


#8

Diethyl Ether
Concen: 22.225 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.00 min
Lab File: VW007723.D
Acq: 20 Dec 2018 03:48

Tgt Ion: 74 Resp: 7249
Ion Ratio Lower Upper
74 100
45 86.7 39.4 118.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.513 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.01 min

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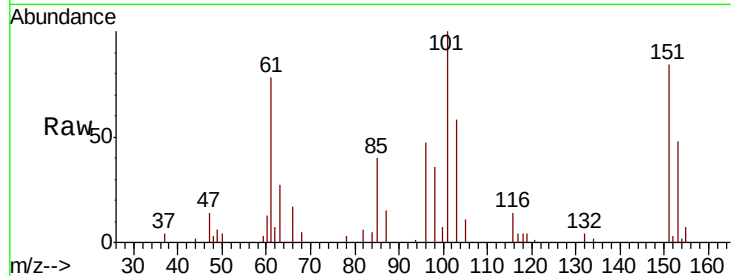
ClientSampleId :

VW1221SBS02

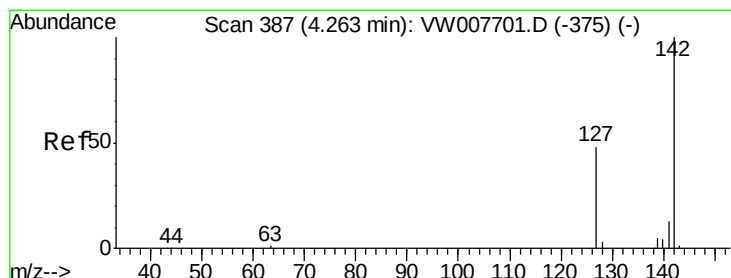
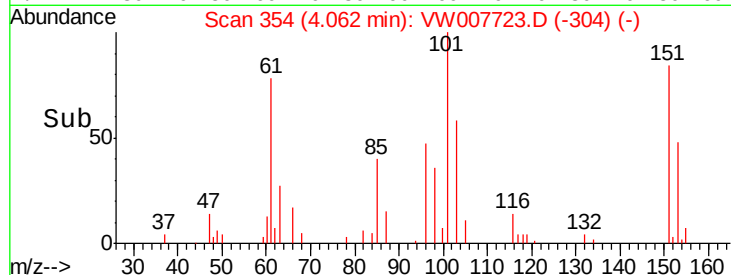
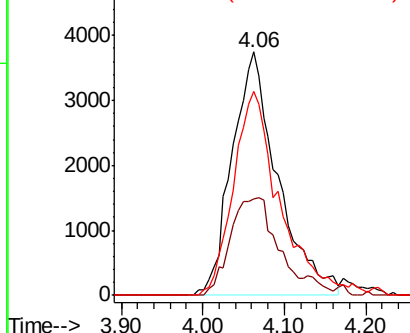
Tot Ion:	101	Resp:	14519
Ion Ratio	Lower	Upper	
101	100		
85	41.0	34.3	51.5
151	85.6	64.6	96.8

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.610 ug/l

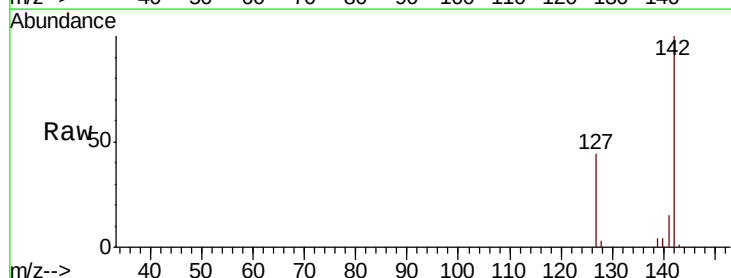
RT: 4.26 min Scan# 387

Delta R.T. -0.00 min

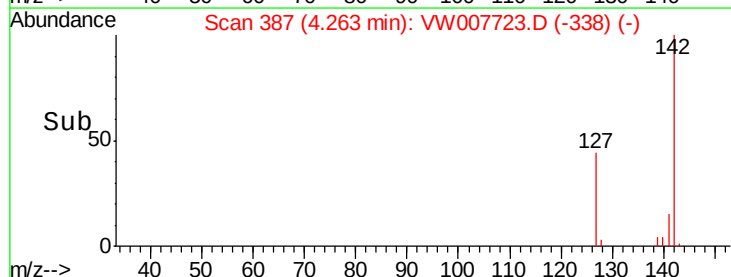
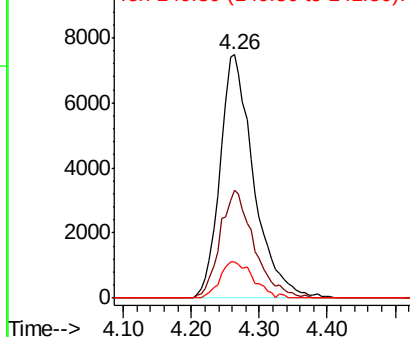
Lab File: VW007723.D

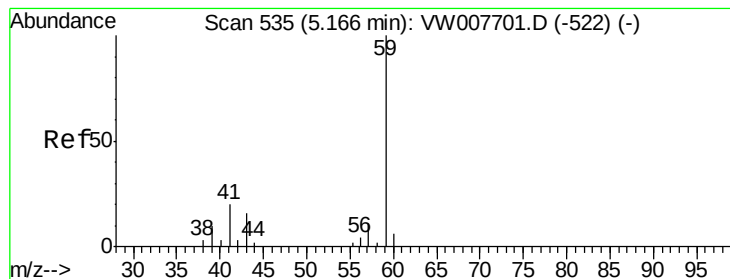
Acq: 20 Dec 2018 03:48

Tgt Ion:	142	Resp:	25704
Ion Ratio	Lower	Upper	
142	100		
127	44.8	37.7	56.5
141	14.6	11.5	17.3



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

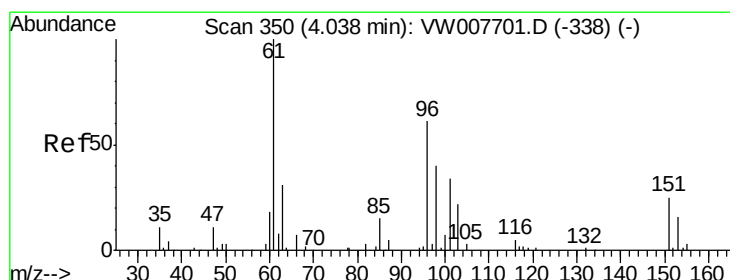
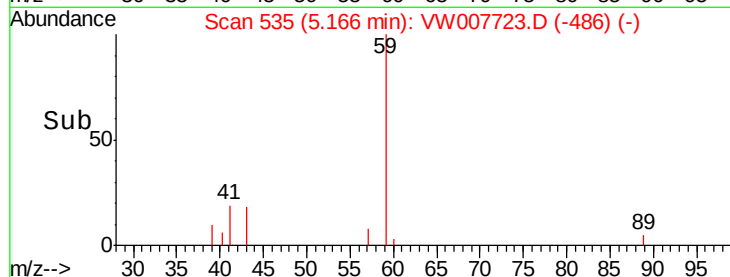
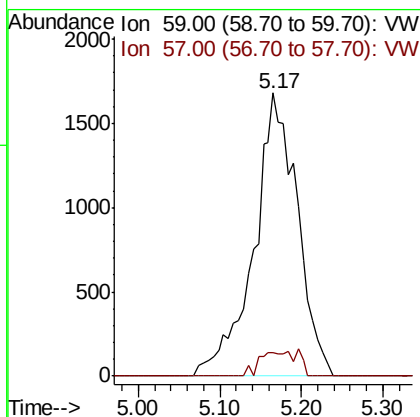
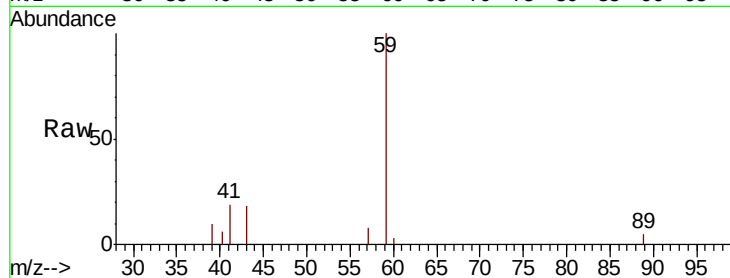
Tert butyl alcohol
Concen: 114.165 ug/l
RT: 5.17 min Scan# 535
Delta R.T. -0.00 min
Lab File: VW007723.D
Acq: 20 Dec 2018 03:48

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS02

Tot Ion: 59 Resp: 6213
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

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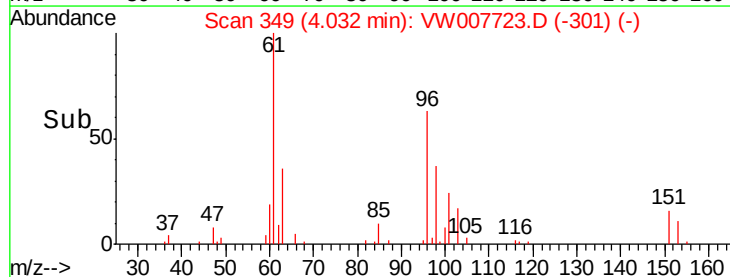
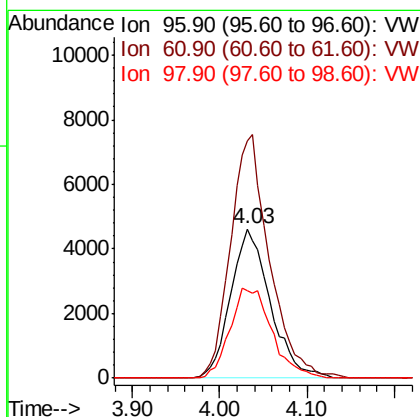
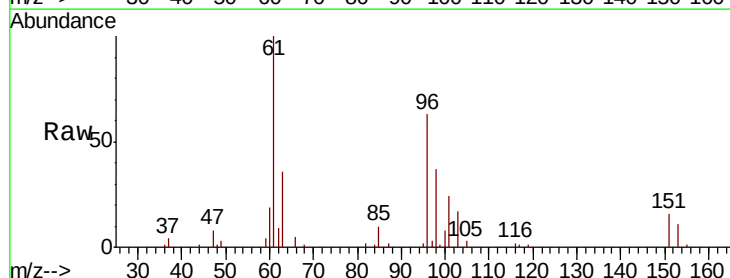
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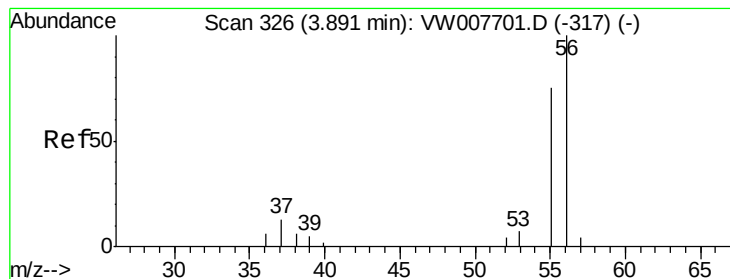


#12

1,1-Dichloroethene
Concen: 20.047 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW007723.D
Acq: 20 Dec 2018 03:48

Tgt Ion: 96 Resp: 14558
Ion Ratio Lower Upper
96 100
61 159.7 130.6 195.8
98 59.1 52.3 78.5





#13

Acrolein

Concen: 111.783 ug/l

RT: 3.88 min Scan# 324

Delta R.T. -0.01 min

Lab File: VW007723.D

Acq: 20 Dec 2018 03:48

Instrument :

MSVOA_W

ClientSampleId :

VW1221SBS02

Tot Ion: 56 Resp: 4864

Ion Ratio Lower Upper

56 100

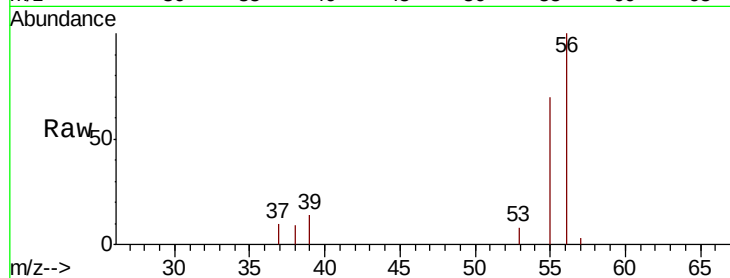
55 69.9 57.7 86.5

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Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW

3.88

1500

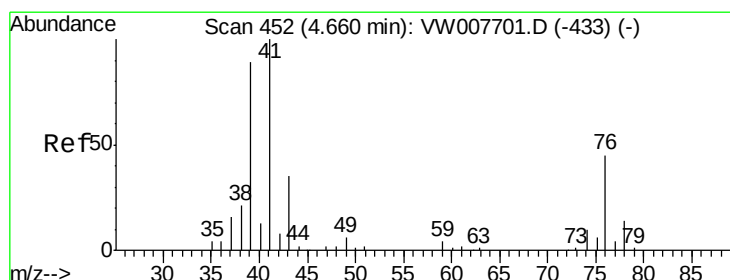
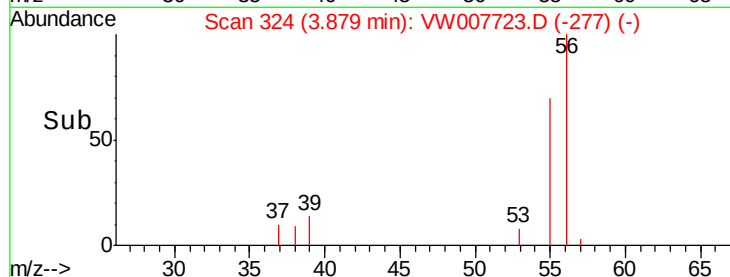
1000

500

0

3.80 3.85 3.90 3.95

Time-->



#14

Allyl chloride

Concen: 21.746 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.01 min

Lab File: VW007723.D

Acq: 20 Dec 2018 03:48

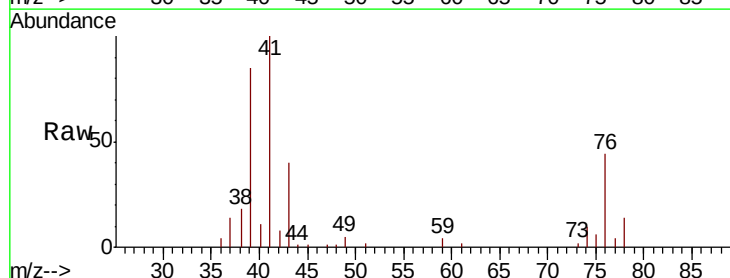
Tgt Ion: 41 Resp: 20709

Ion Ratio Lower Upper

41 100

39 81.8 69.5 104.3

76 40.8 34.8 52.2



Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW

4.67

8000

6000

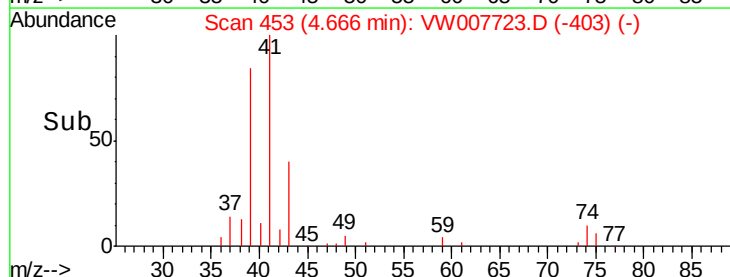
4000

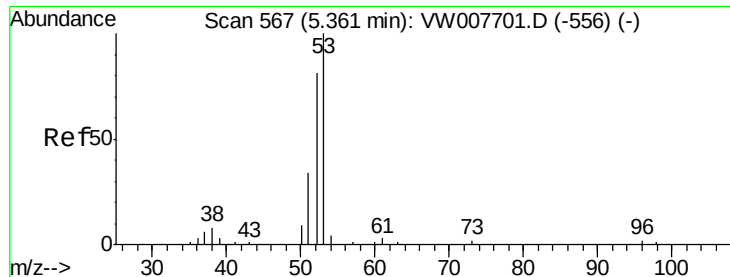
2000

0

4.50 4.60 4.70 4.80

Time-->





#15

Acrylonitrile

Concen: 104.716 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.01 min

Lab File: VW007723.D

Acq: 20 Dec 2018 03:48

Instrument :

MSVOA_W

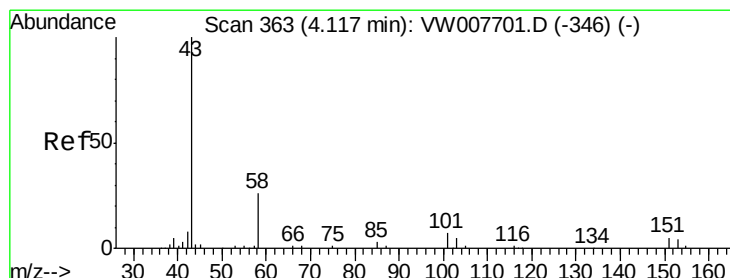
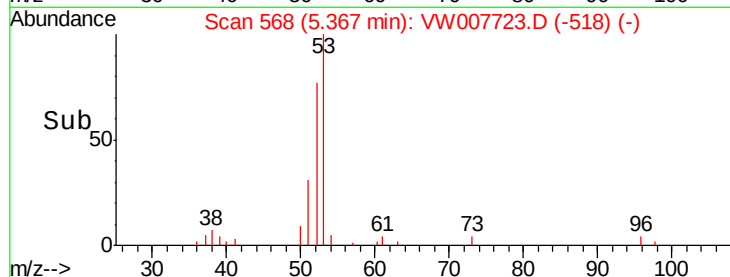
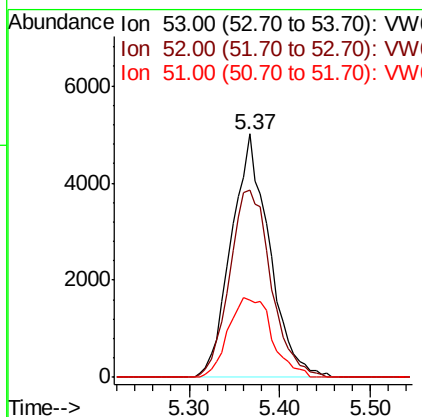
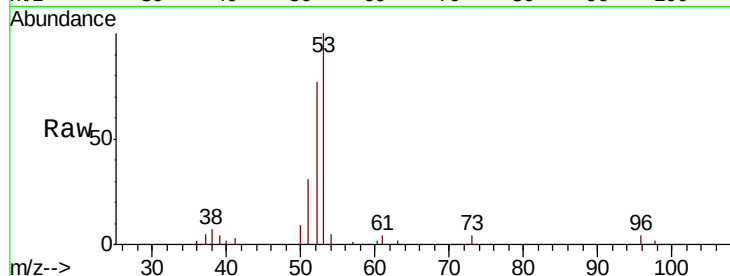
ClientSampleId :

VW1221SBS02

Tot Ion:	53	Resp:	14569
Ion	Ratio	Lower	Upper
53	100		
52	83.6	67.0	100.4
51	37.4	30.2	45.2

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#16

Acetone

Concen: 88.588 ug/l

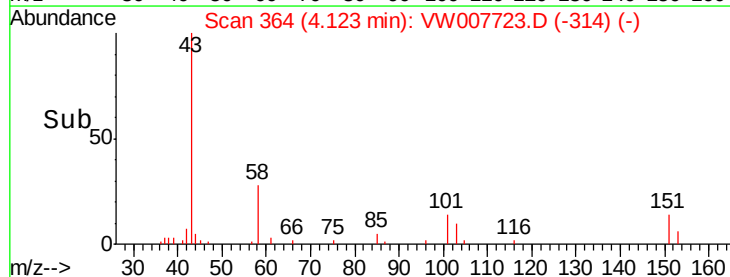
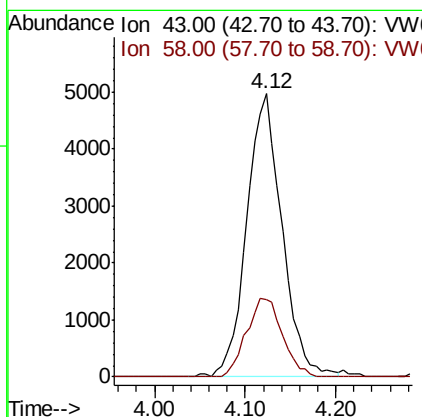
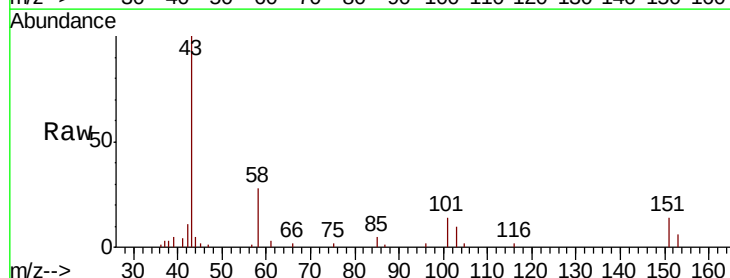
RT: 4.12 min Scan# 364

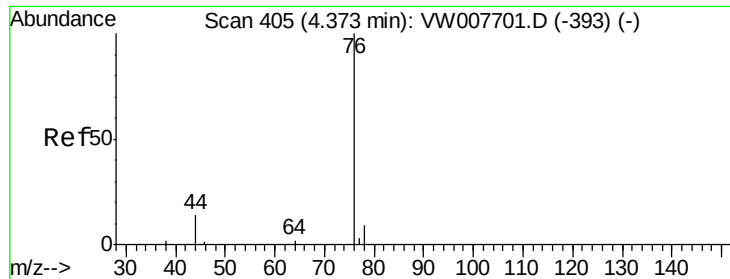
Delta R.T. 0.01 min

Lab File: VW007723.D

Acq: 20 Dec 2018 03:48

Tgt Ion:	43	Resp:	13383
Ion	Ratio	Lower	Upper
43	100		
58	27.5	21.2	31.8





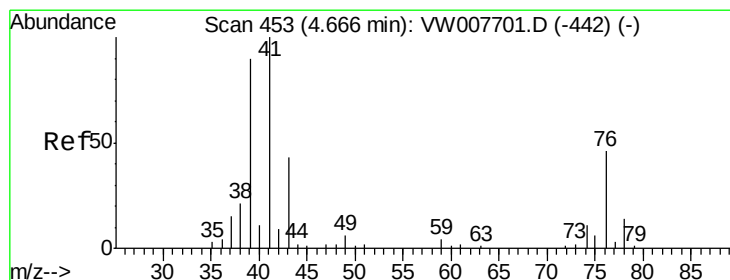
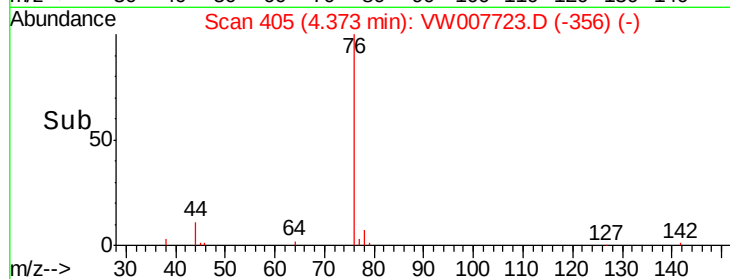
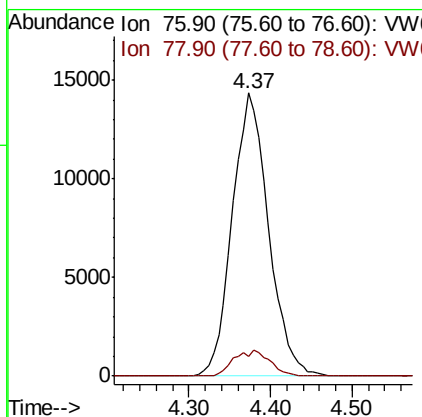
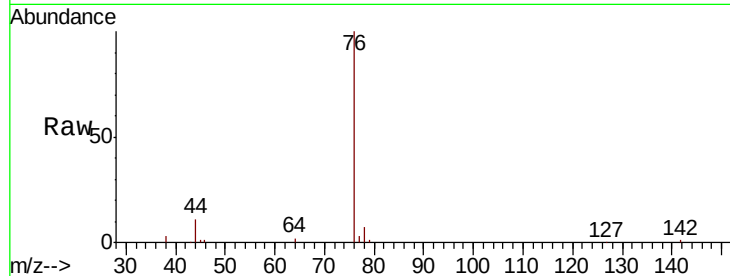
#17
Carbon Disulfide
Concen: 19.621 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.00 min
Lab File: VW007723.D
Acq: 20 Dec 2018 03:48

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	7.1	7.3	10.9#

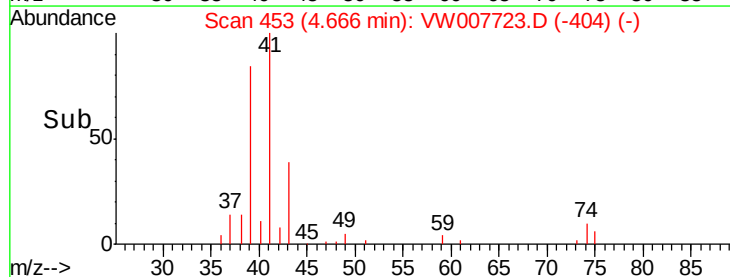
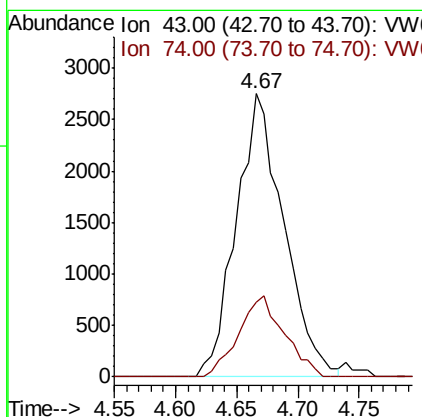
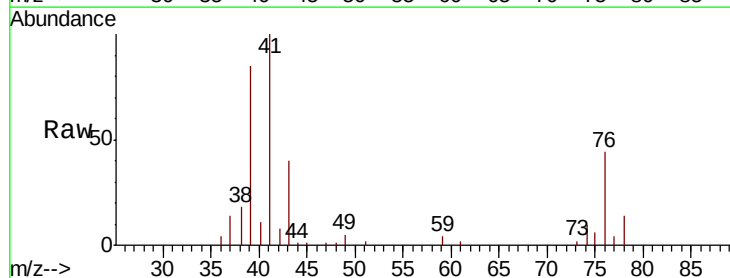
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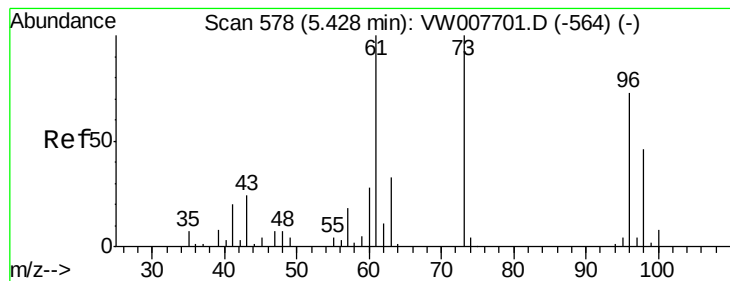
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#18
Methyl Acetate
Concen: 20.711 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW007723.D
Acq: 20 Dec 2018 03:48

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.3	22.7	34.1





#19

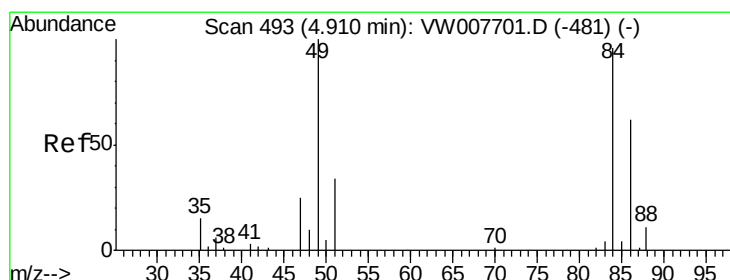
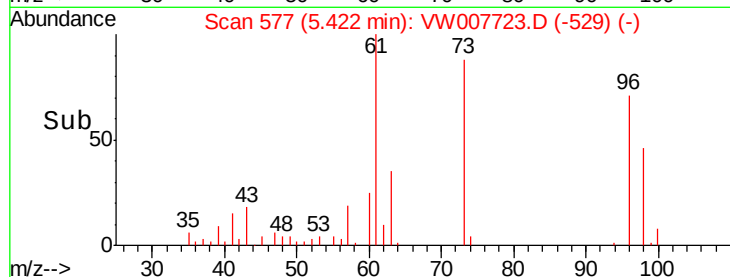
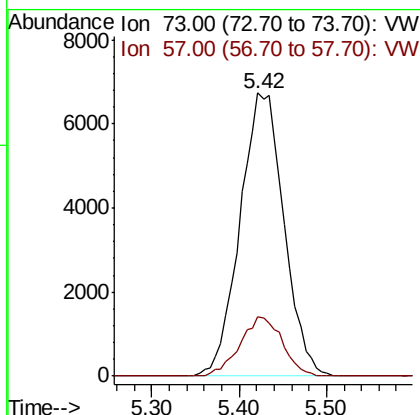
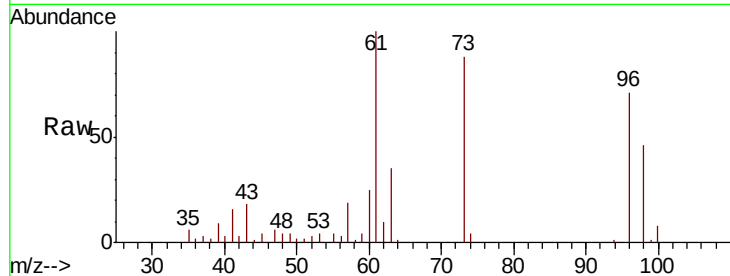
Methyl tert-butyl Ether
 Concen: 22.550 ug/l
 RT: 5.42 min Scan# 577
 Delta R.T. -0.01 min
 Lab File: VW007723.D
 Acq: 20 Dec 2018 03:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1221SBS02

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.0	14.7	22.1

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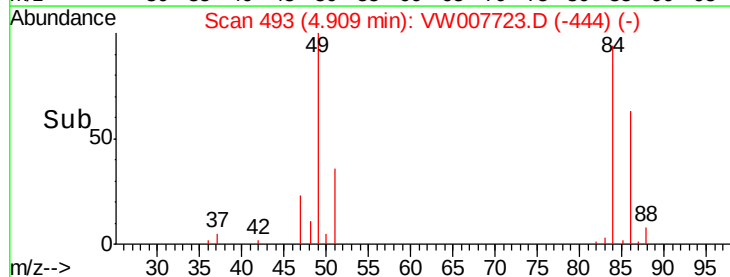
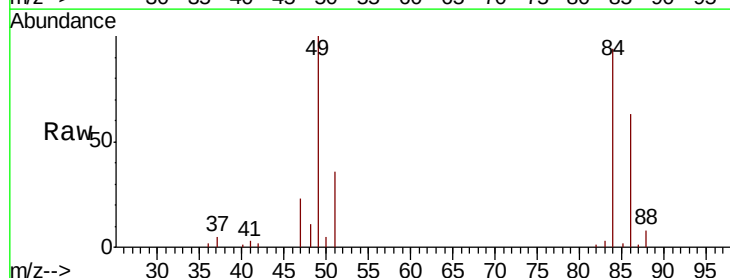
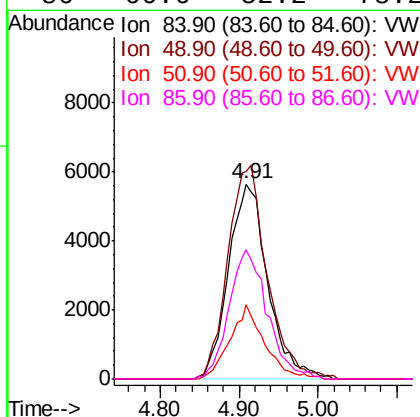
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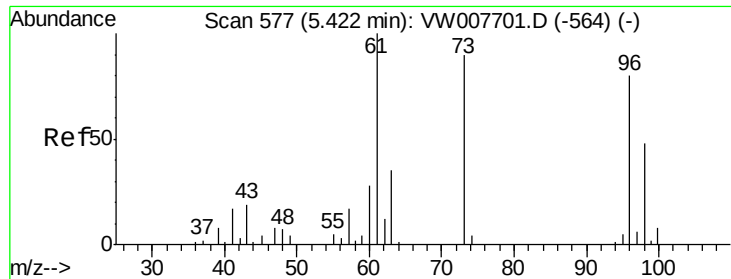


#20

Methylene Chloride
 Concen: 22.379 ug/l
 RT: 4.91 min Scan# 493
 Delta R.T. 0.00 min
 Lab File: VW007723.D
 Acq: 20 Dec 2018 03:48

Tgt Ion	Ratio	Lower	Upper
84	100		
49	106.3	83.7	125.5
51	37.9	28.2	42.2
86	66.6	52.2	78.2





#21

trans-1,2-Dichloroethene

Concen: 20.238 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW007723.D

Acq: 20 Dec 2018 03:48

Instrument :

MSVOA_W

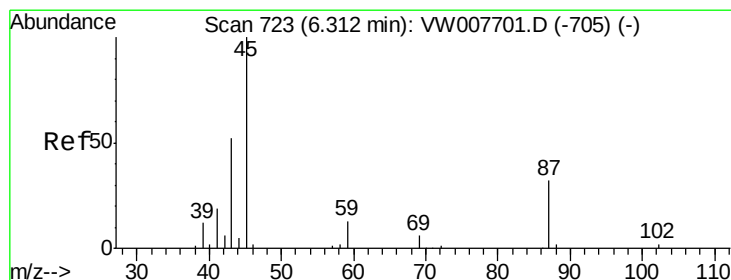
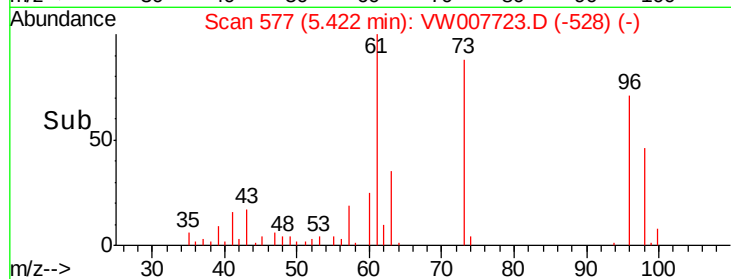
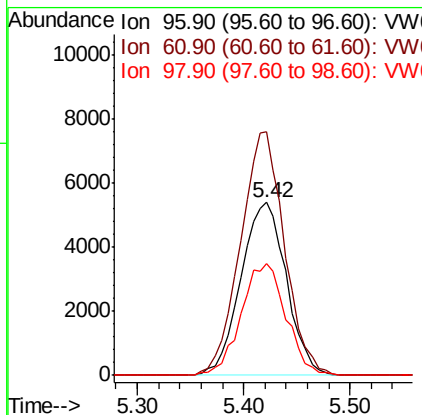
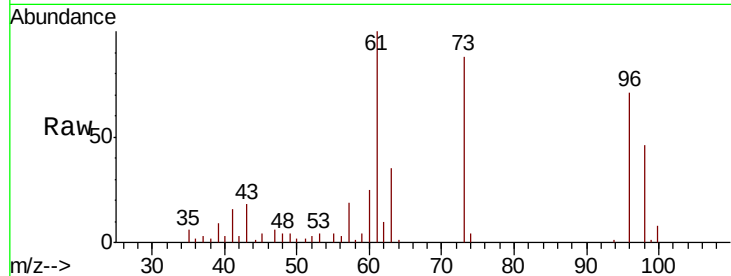
ClientSampleId :

VW1221SBS02

Tot Ion:	96	Resp:	16164
Ion	Ratio	Lower	Upper
96	100		
61	140.9	100.1	150.1
98	64.5	48.5	72.7

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#22

Diisopropyl ether

Concen: 22.568 ug/l

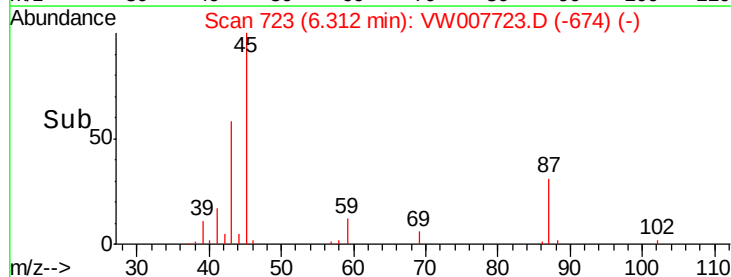
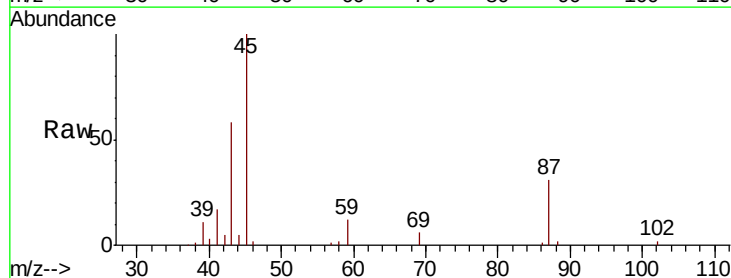
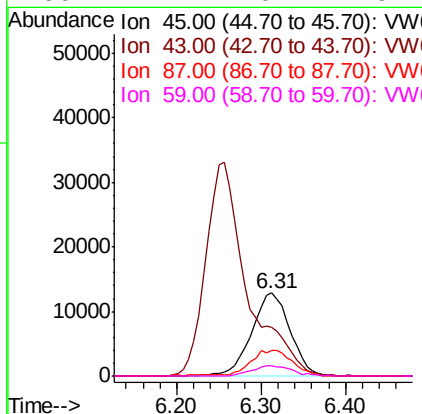
RT: 6.31 min Scan# 723

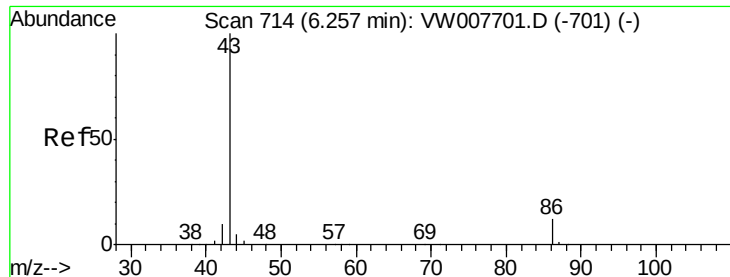
Delta R.T. -0.00 min

Lab File: VW007723.D

Acq: 20 Dec 2018 03:48

Tgt Ion:	45	Resp:	40243
Ion	Ratio	Lower	Upper
45	100		
43	57.5	43.7	65.5
87	31.3	26.6	40.0
59	11.7	10.2	15.2





#23

Vinyl Acetate

Concen: 106.063 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW007723.D

Acq: 20 Dec 2018 03:48

Instrument :

MSVOA_W

ClientSampleId :

VW1221SBS02

Tot Ion: 43 Resp: 112367

Ion Ratio Lower Upper

43 100

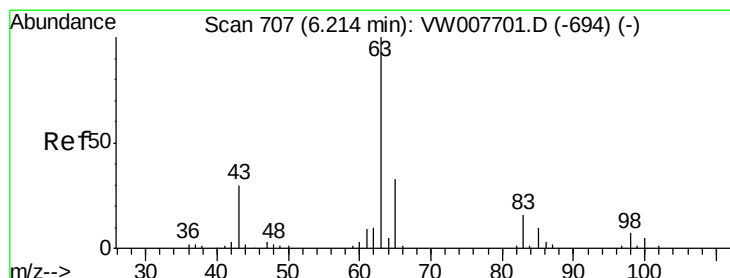
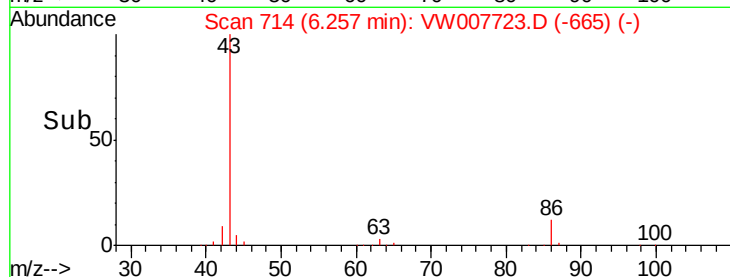
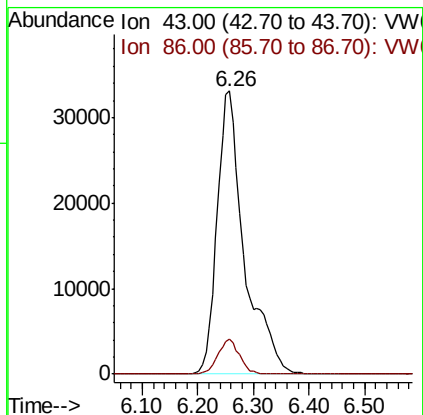
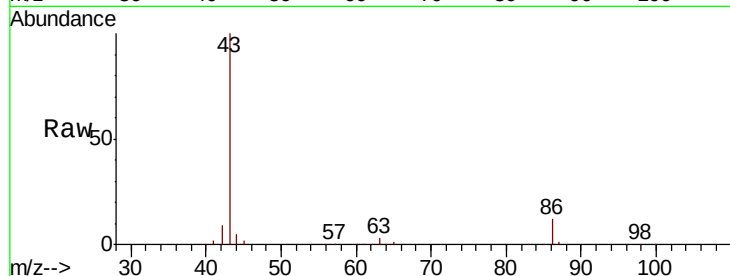
86 12.3 9.6 14.4

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#24

1,1-Dichloroethane

Concen: 21.338 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW007723.D

Acq: 20 Dec 2018 03:48

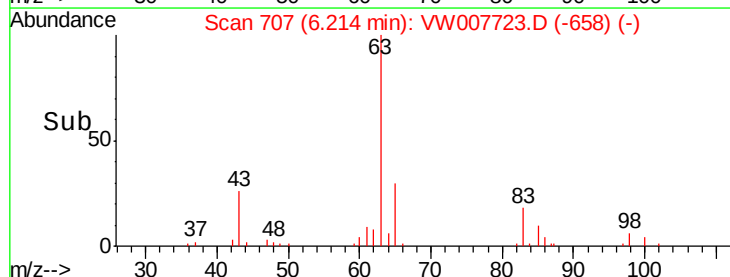
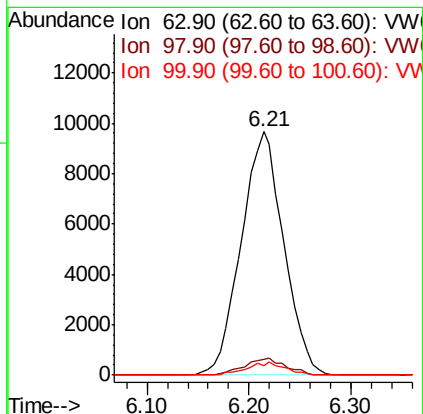
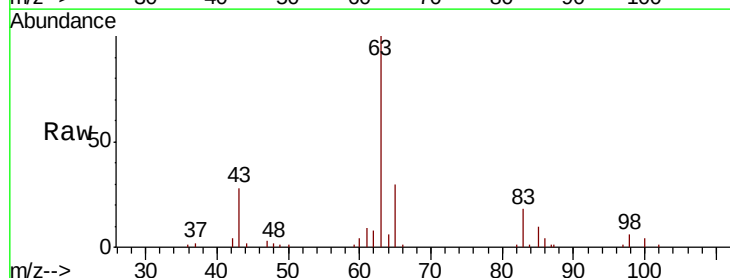
Tgt Ion: 63 Resp: 27991

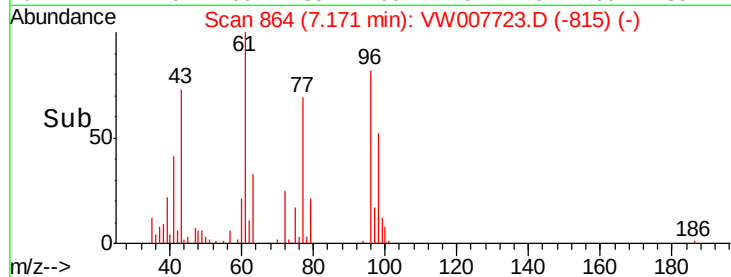
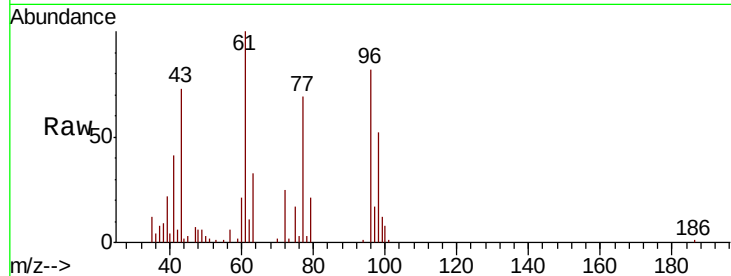
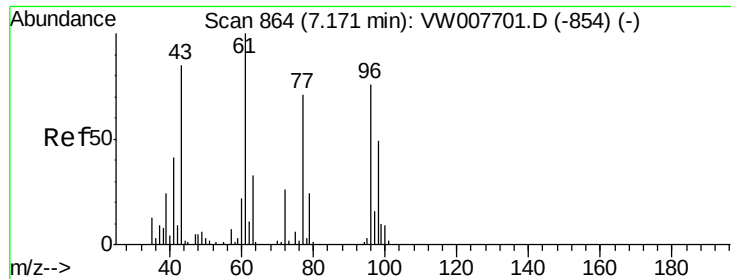
Ion Ratio Lower Upper

63 100

98 6.3 3.6 10.9

100 3.8 2.5 7.5





#25

2-Butanone

Concen: 97.746 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW007723.D

Acq: 20 Dec 2018 03:48

Tot Ion: 43 Resp: 17296

Ion Ratio Lower Upper

43 100

72 34.4 24.5 36.7

Instrument :

MSVOA_W

ClientSampleId :

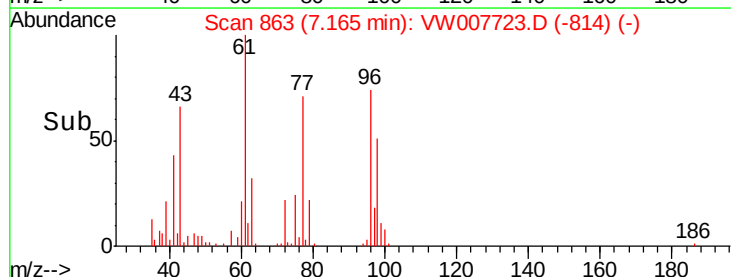
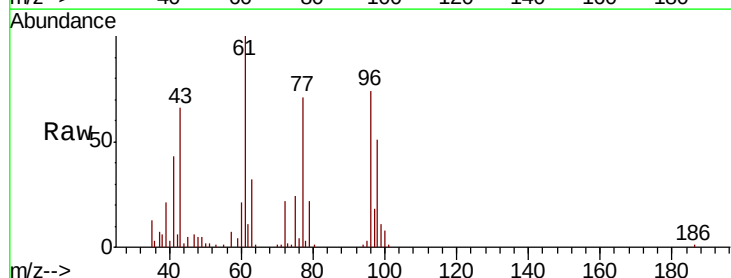
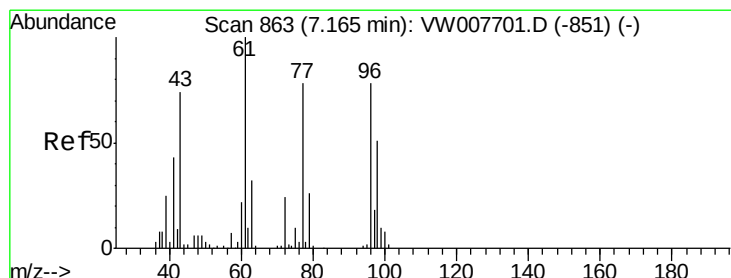
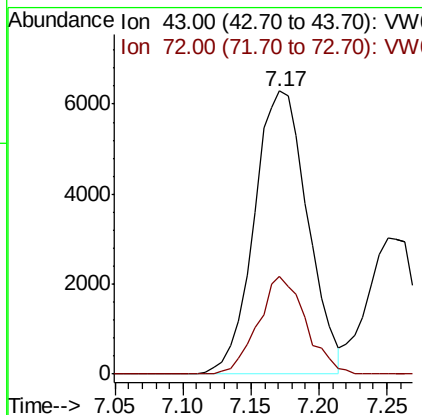
VW1221SBS02

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#26

2,2-Dichloropropane

Concen: 18.842 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW007723.D

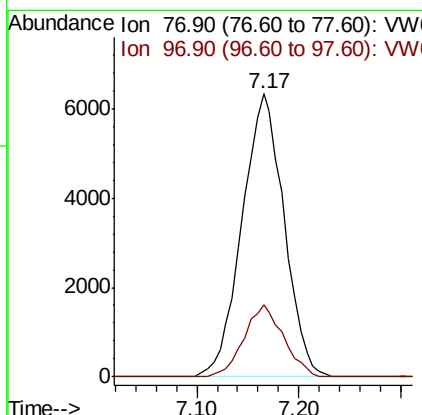
Acq: 20 Dec 2018 03:48

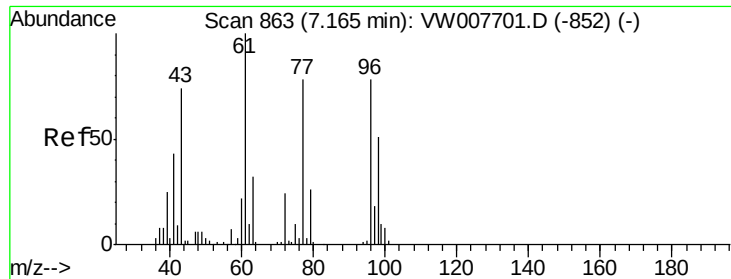
Tgt Ion: 77 Resp: 18087

Ion Ratio Lower Upper

77 100

97 23.9 11.3 33.9





#27

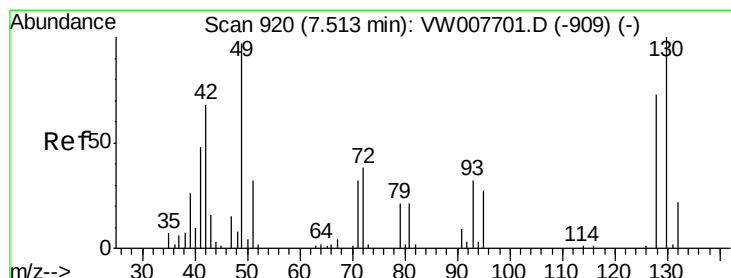
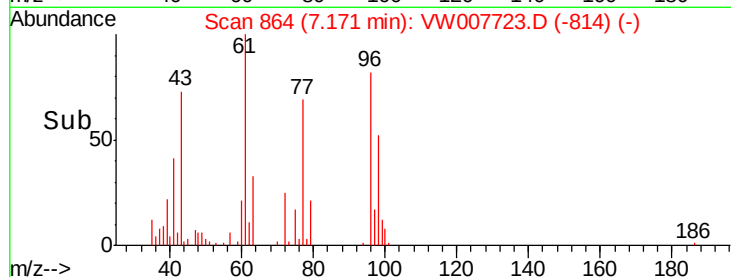
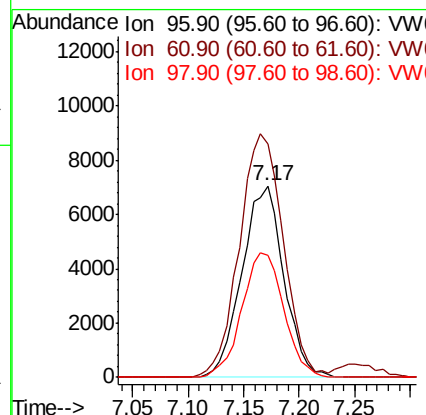
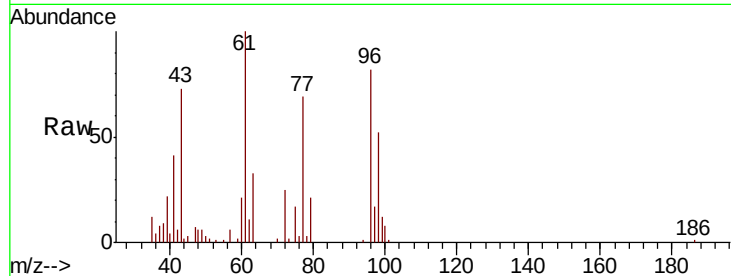
cis-1,2-Dichloroethene
Concen: 21.645 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW007723.D
Acq: 20 Dec 2018 03:48

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	133.9	0.0	271.6
98	65.2	0.0	131.2

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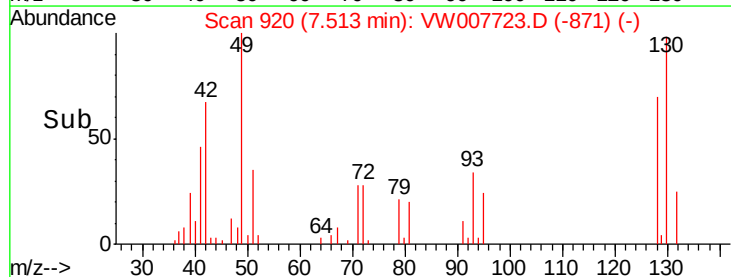
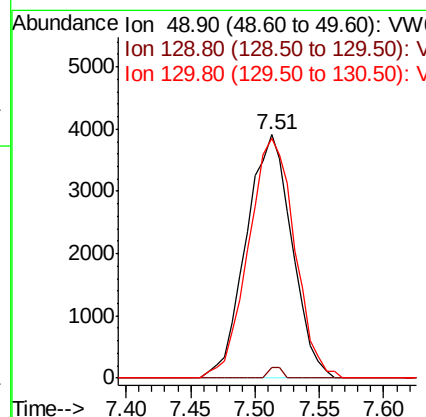
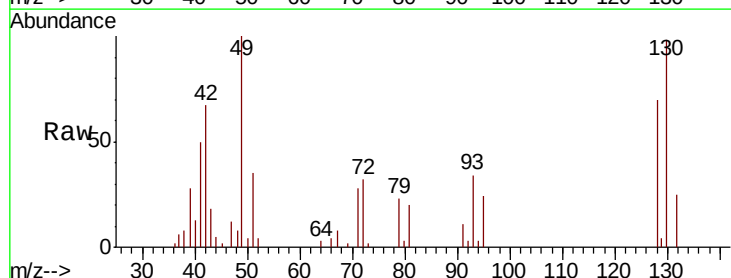
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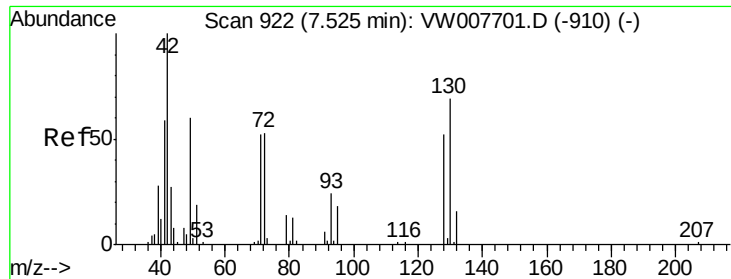


#28

Bromochloromethane
Concen: 21.567 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW007723.D
Acq: 20 Dec 2018 03:48

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	2.2
130	99.4	81.5	122.3





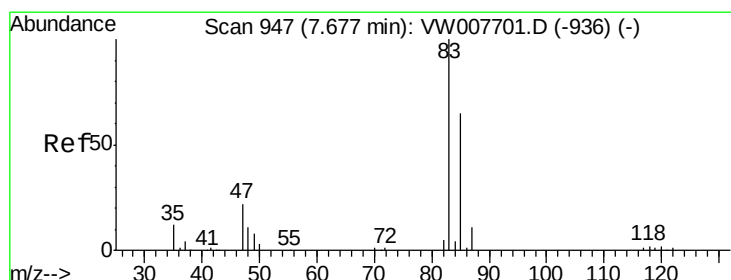
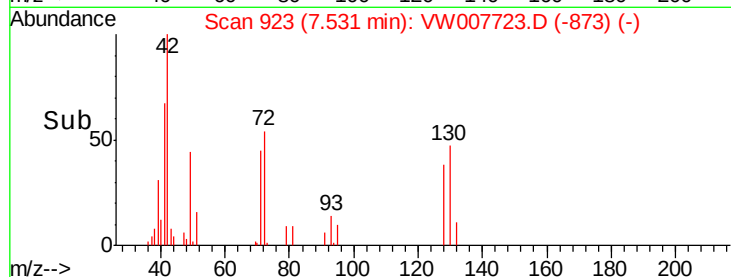
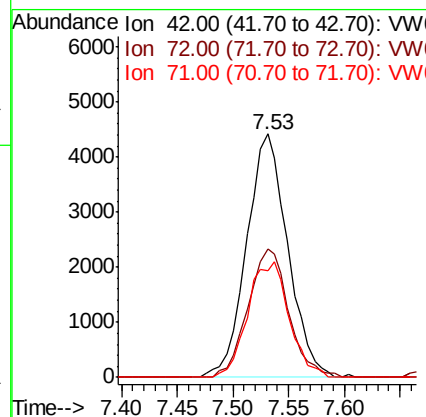
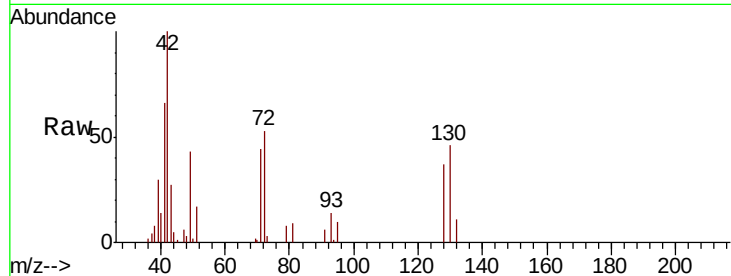
#29
Tetrahydrofuran
Concen: 107.535 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW007723.D
Acq: 20 Dec 2018 03:48

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	52.2	41.7	62.5
71	47.5	39.0	58.6

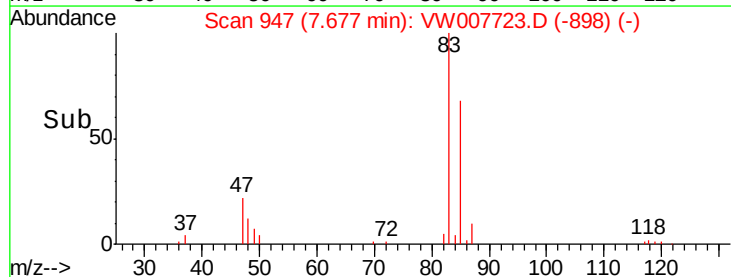
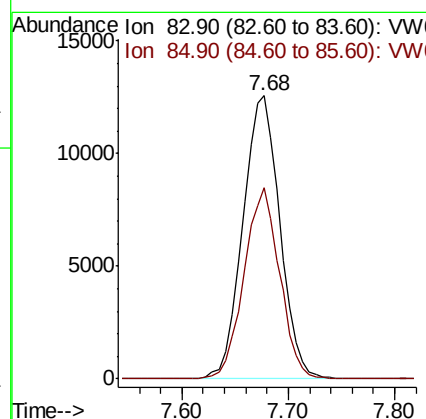
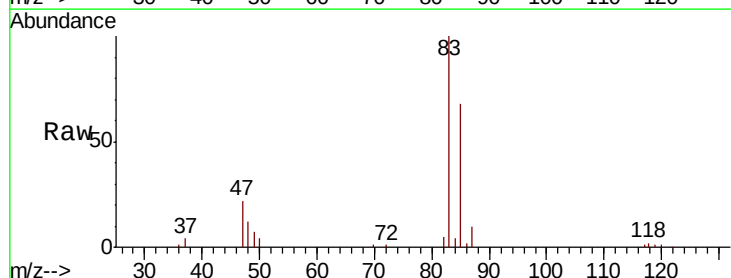
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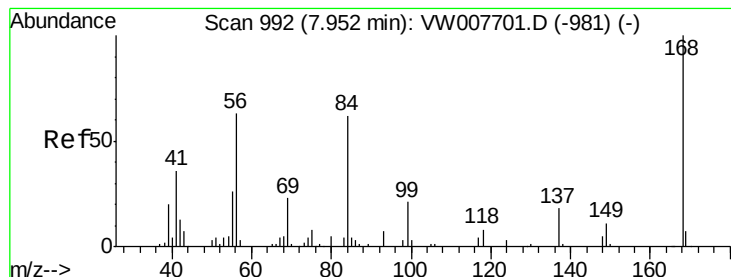
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#30
Chloroform
Concen: 20.629 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW007723.D
Acq: 20 Dec 2018 03:48

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.7	52.2	78.2





#31

Cyclohexane

Concen: 19.929 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007723.D

Acq: 20 Dec 2018 03:48

Instrument :

MSVOA_W

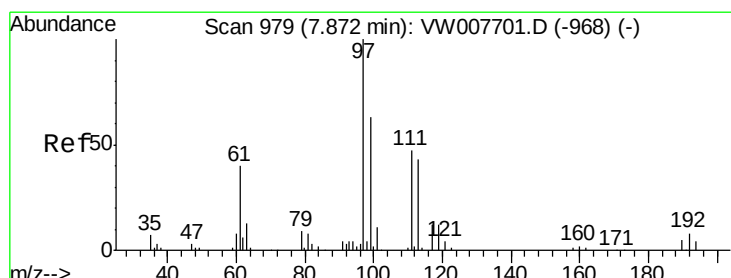
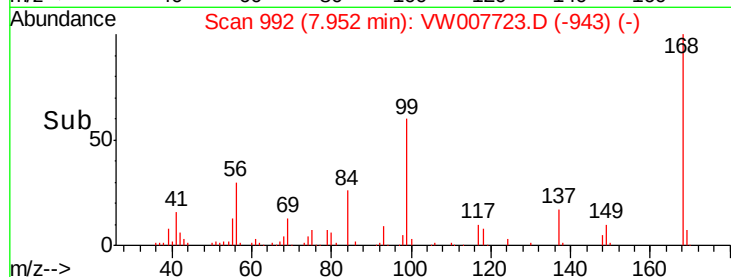
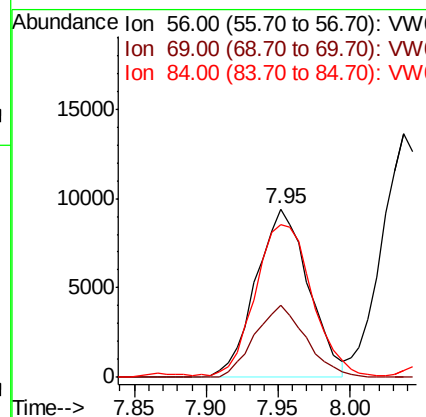
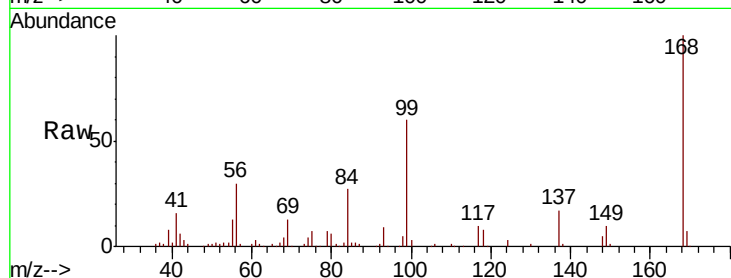
ClientSampleId :

VW1221SBS02

Tot Ion:	56	Resp:	23933
Ion	Ratio	Lower	Upper
56	100		
69	42.6	29.7	44.5
84	90.0	78.9	118.3

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 19.982 ug/l

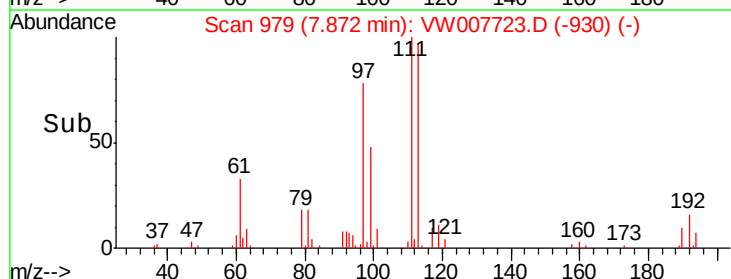
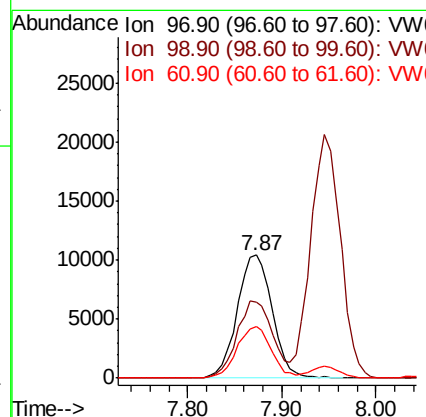
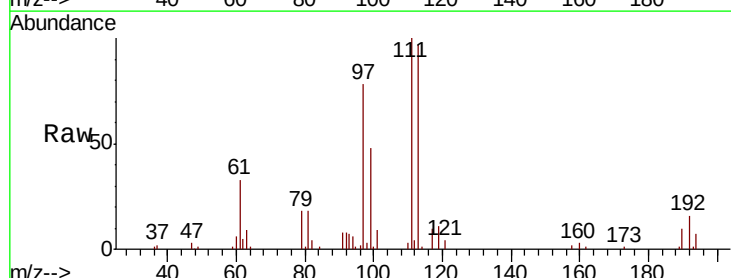
RT: 7.87 min Scan# 979

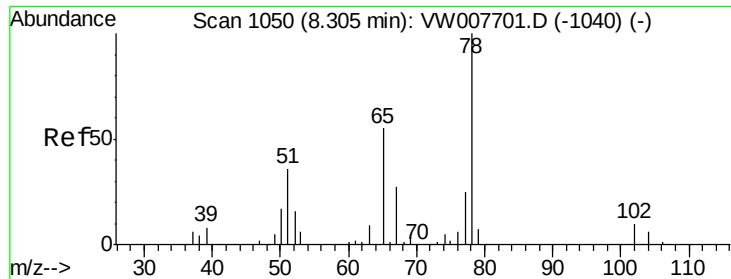
Delta R.T. -0.00 min

Lab File: VW007723.D

Acq: 20 Dec 2018 03:48

Tgt Ion:	97	Resp:	27017
Ion	Ratio	Lower	Upper
97	100		
99	64.5	50.6	76.0
61	41.0	32.3	48.5





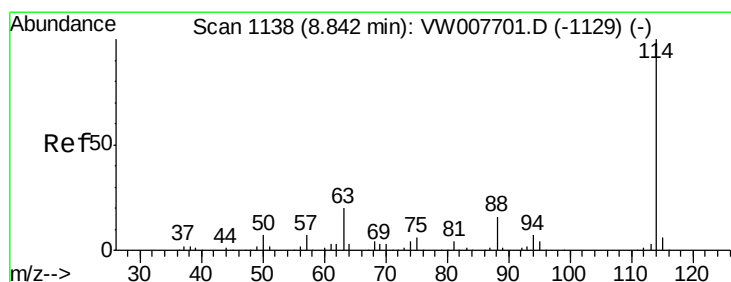
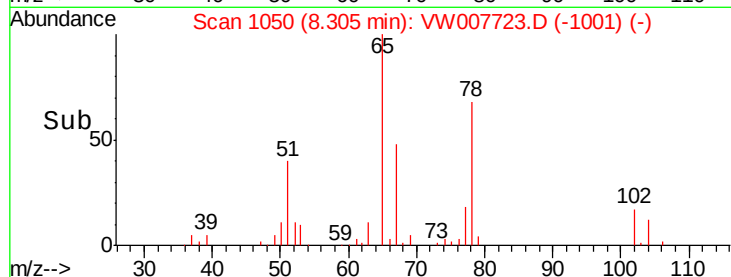
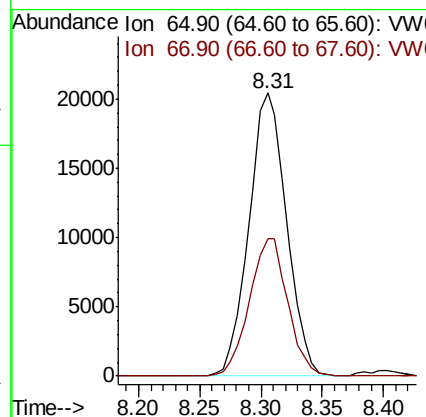
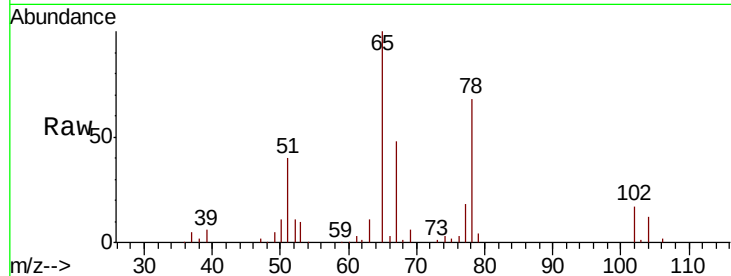
#33
 1,2-Dichloroethane-d4
 Concen: 54.336 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007723.D
 Acq: 20 Dec 2018 03:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1221SBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	43835		
67	49.3	0.0	100.6	

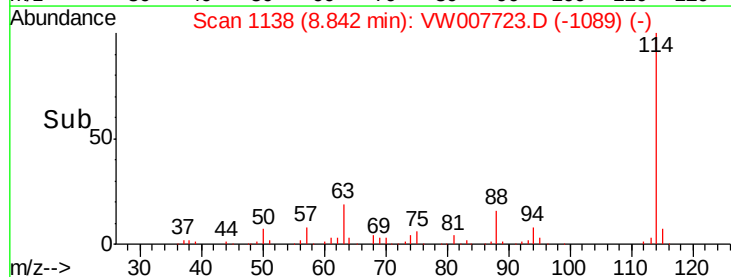
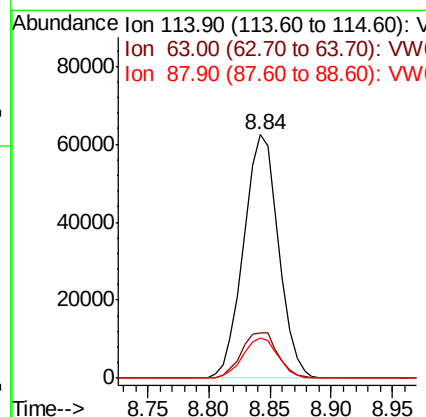
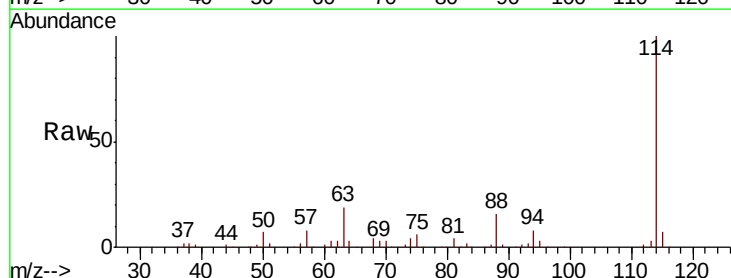
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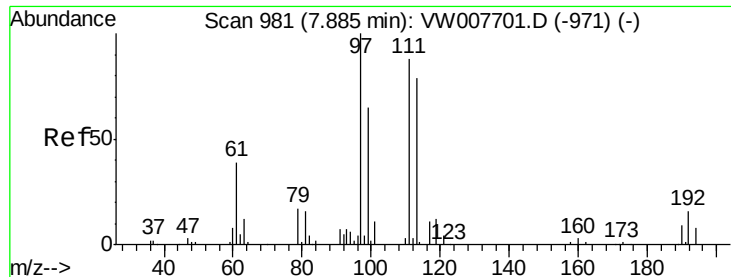
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007723.D
 Acq: 20 Dec 2018 03:48

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	124045		
63	18.7	0.0	40.0	
88	16.2	0.0	32.6	





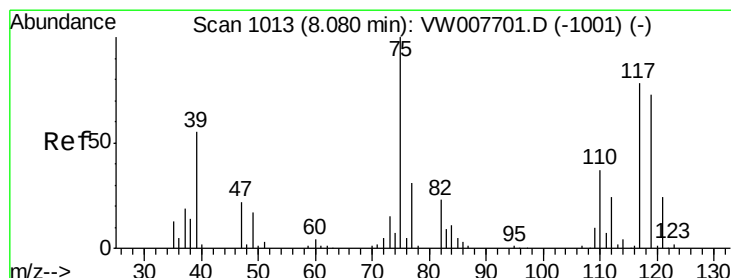
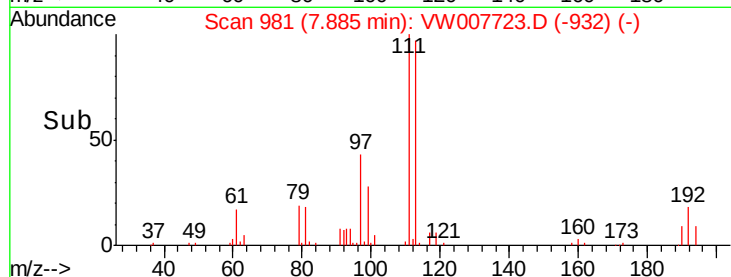
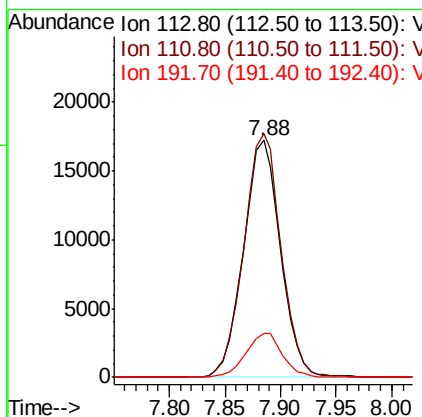
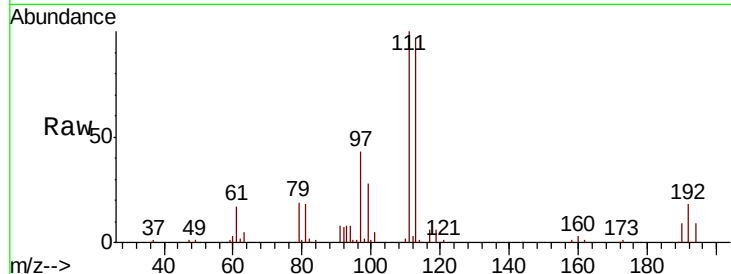
#35
 Dibromofluoromethane
 Concen: 52.668 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007723.D
 Acq: 20 Dec 2018 03:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1221SBS02

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.6	124.0
192	18.4	15.5	23.3

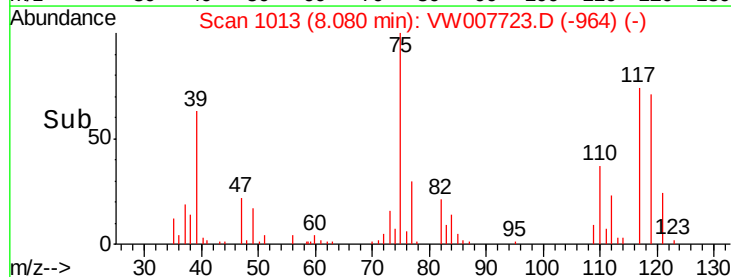
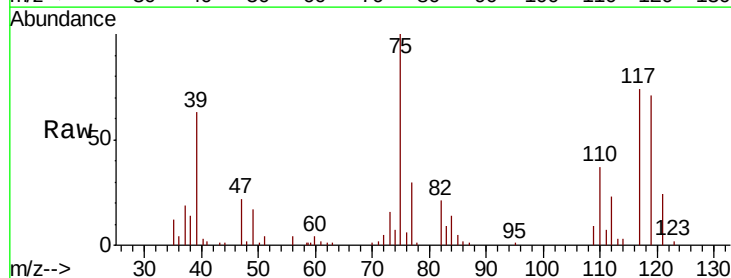
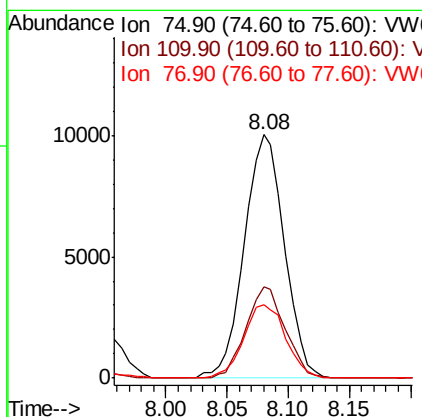
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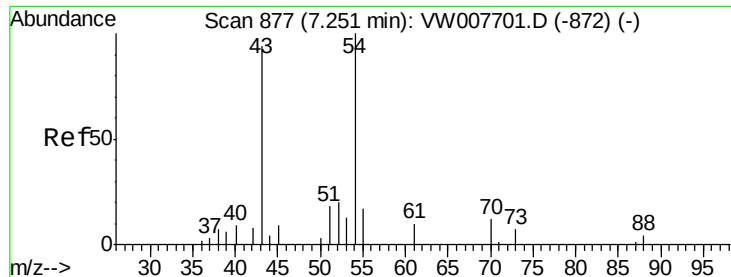
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#36
 1,1-Dichloropropene
 Concen: 19.081 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW007723.D
 Acq: 20 Dec 2018 03:48

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.6	18.6	55.8
77	32.0	25.0	37.4





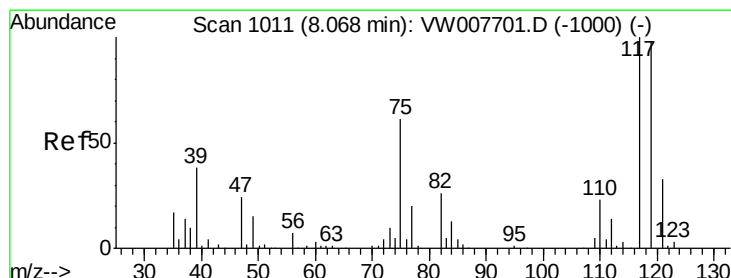
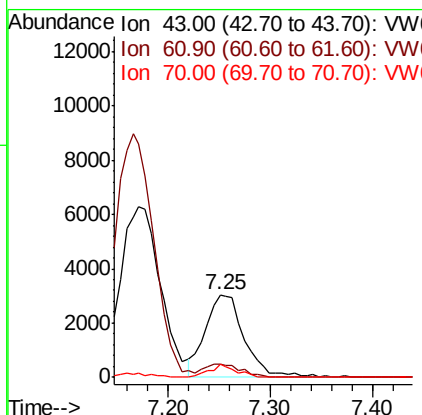
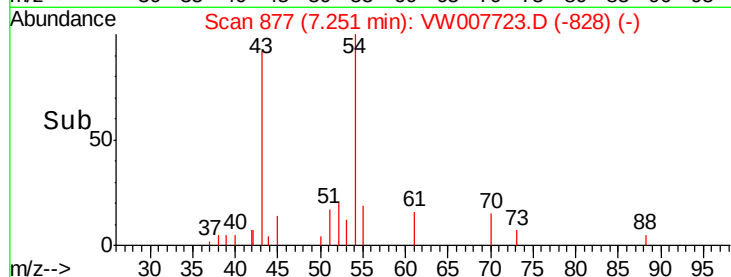
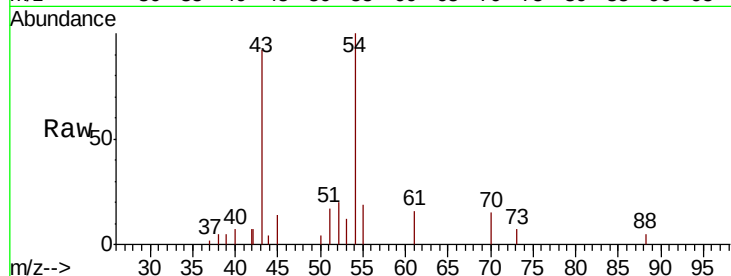
#37
Ethyl Acetate
Concen: 19.516 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW007723.D
Acq: 20 Dec 2018 03:48

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.2	11.2	16.8
70	11.2	9.3	13.9

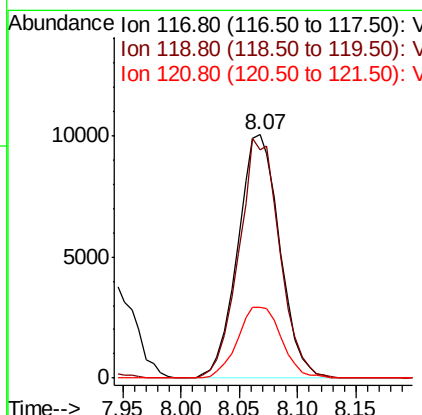
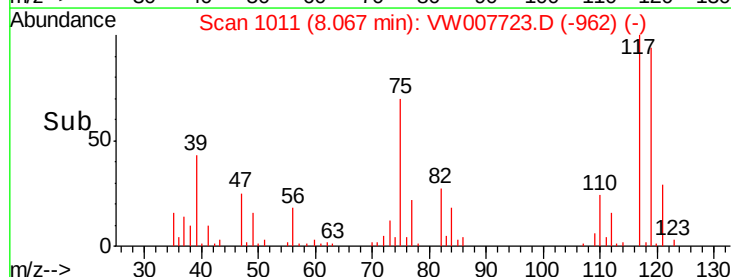
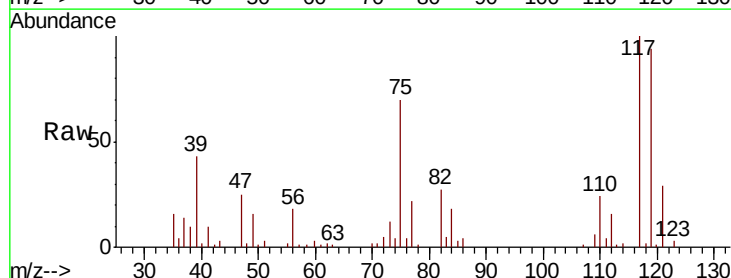
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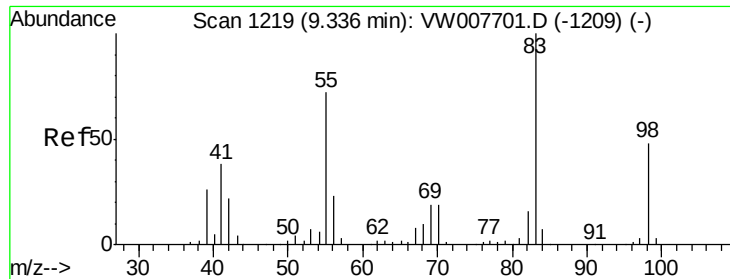
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#38
Carbon Tetrachloride
Concen: 17.850 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW007723.D
Acq: 20 Dec 2018 03:48

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.8	78.2	117.2
121	29.2	26.1	39.1





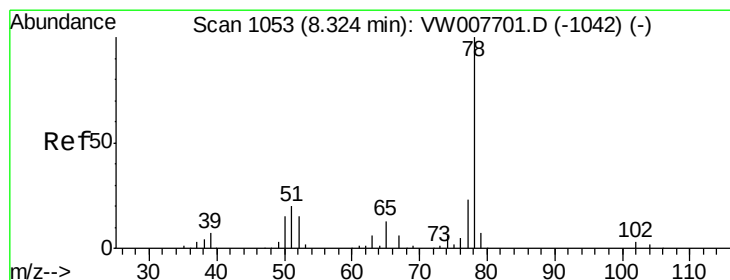
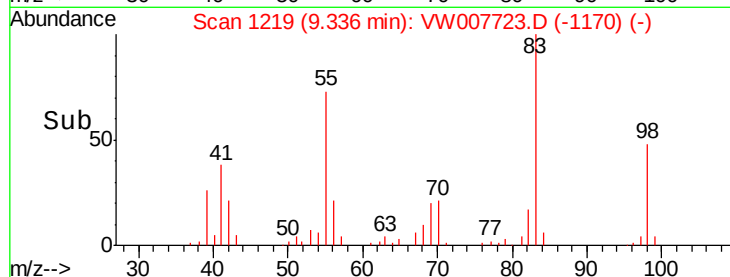
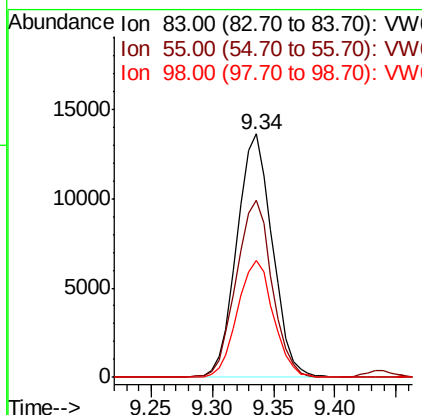
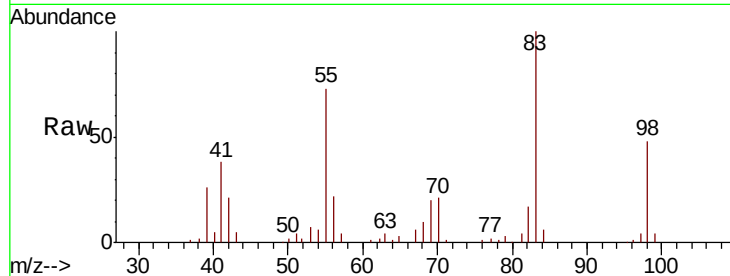
#39
Methylvlcyclohexane
Concen: 18.439 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007723.D
Acq: 20 Dec 2018 03:48

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.6	57.2	85.8
98	48.0	38.6	58.0

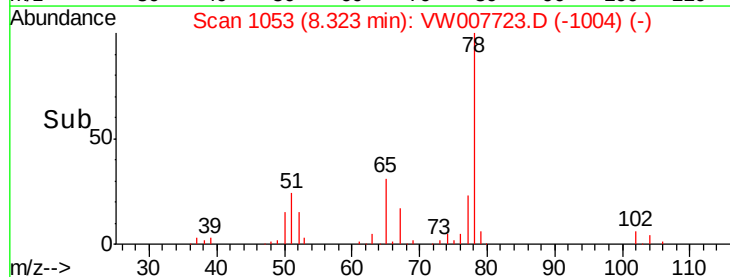
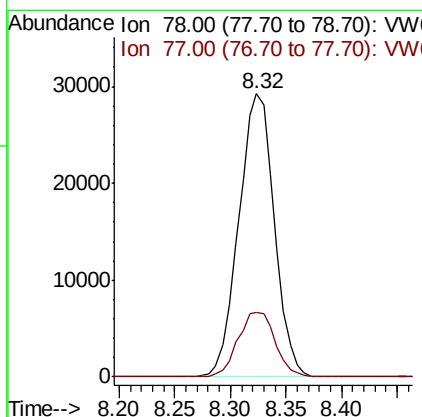
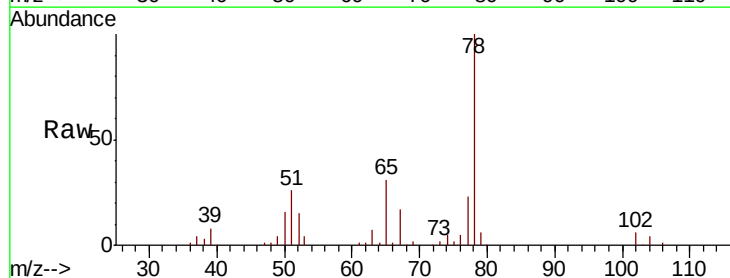
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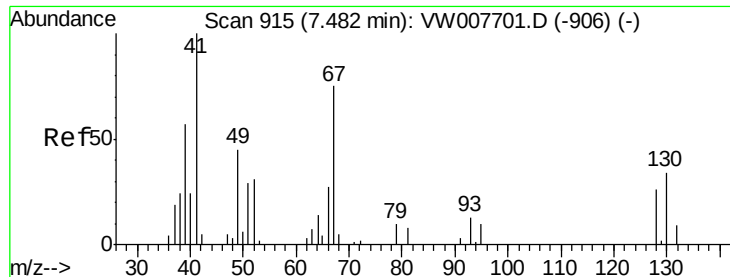
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#40
Benzene
Concen: 20.285 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW007723.D
Acq: 20 Dec 2018 03:48

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.8	18.7	28.1





#41

Methacrylonitrile

Concen: 22.541 ug/l

RT: 7.49 min Scan# 916

Delta R.T. 0.01 min

Lab File: VW007723.D

Acq: 20 Dec 2018 03:48

Instrument :

MSVOA_W

ClientSampleId :

VW1221SBS02

Tot Ion: 41 Resp: 5288

Ion Ratio Lower Upper

41 100

39 61.2 54.2 81.4

67 74.5 65.7 98.5

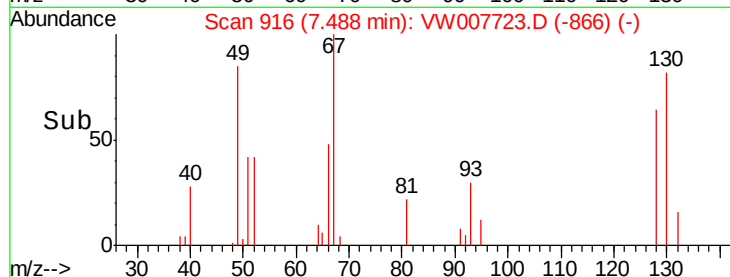
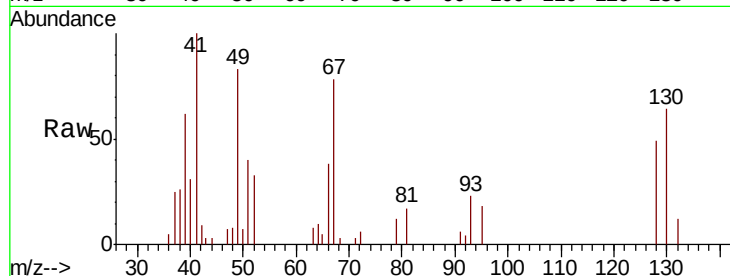
52 30.8 26.2 39.4

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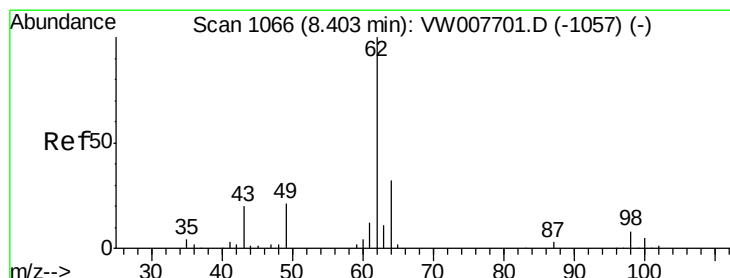
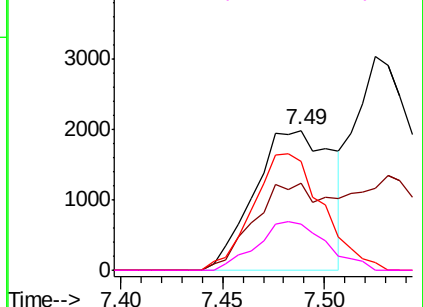


Abundance Ion 41.00 (40.70 to 41.70): VW

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: 19.645 ug/l

RT: 8.40 min Scan# 1066

Delta R.T. -0.00 min

Lab File: VW007723.D

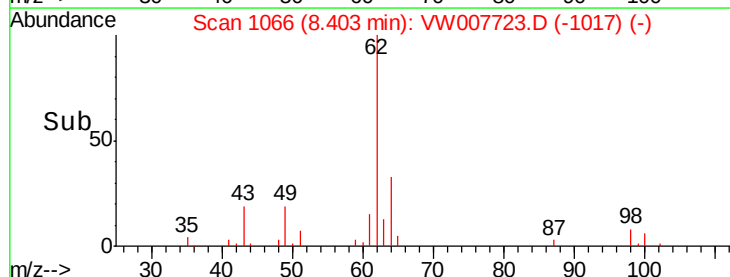
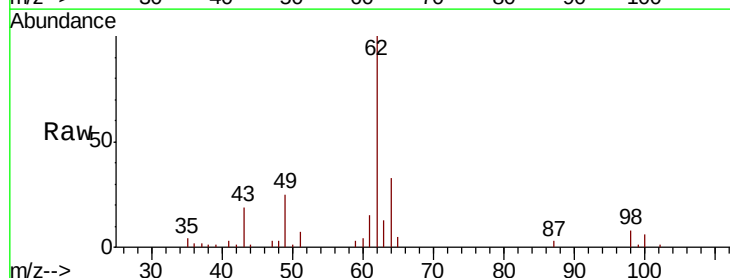
Acq: 20 Dec 2018 03:48

Tgt Ion: 62 Resp: 21033

Ion Ratio Lower Upper

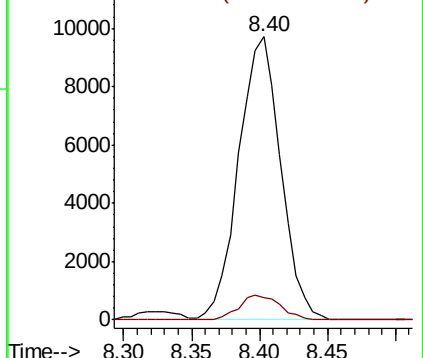
62 100

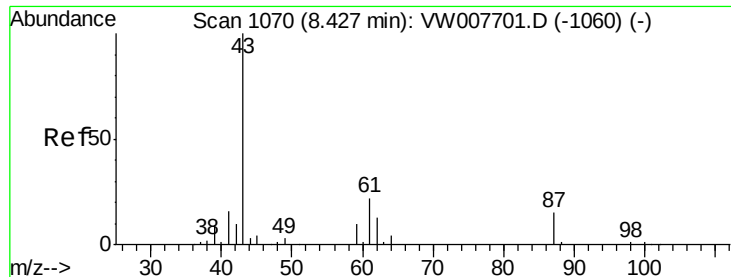
98 8.7 0.0 16.6



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 20.252 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW007723.D

Acq: 20 Dec 2018 03:48

Instrument :

MSVOA_W

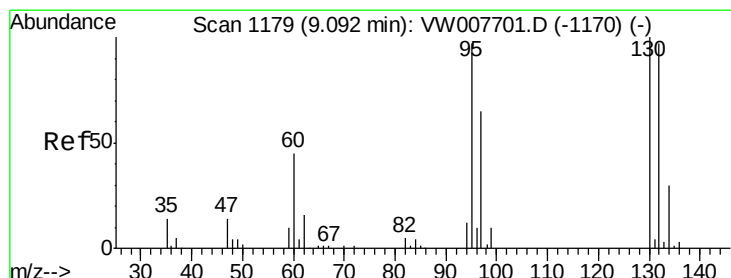
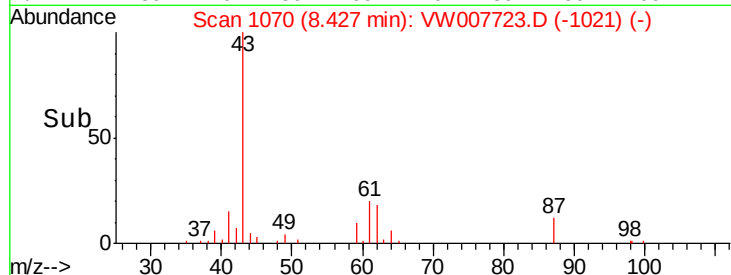
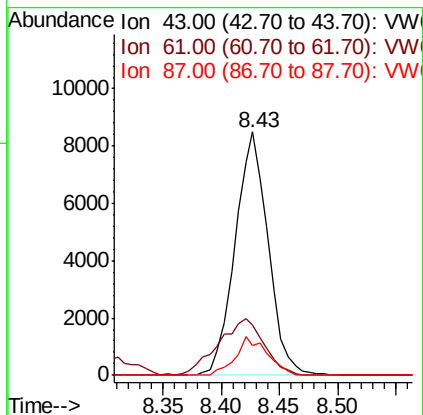
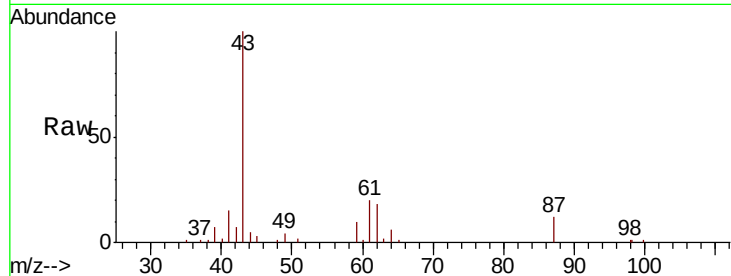
ClientSampleId :

VW1221SBS02

Tot Ion:	43	Resp:	16765
Ion	Ratio	Lower	Upper
43	100		
61	32.3	26.3	39.5
87	15.2	12.0	18.0

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#44

Trichloroethene

Concen: 19.453 ug/l

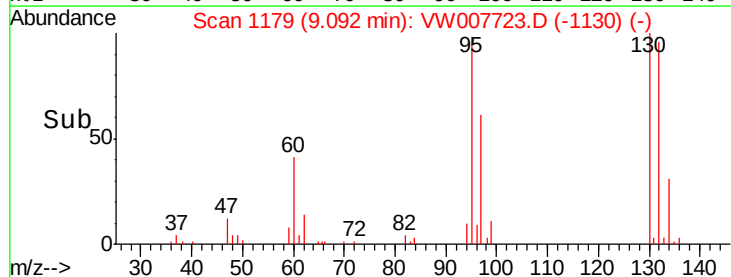
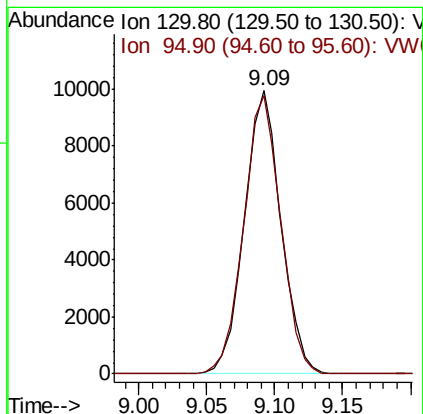
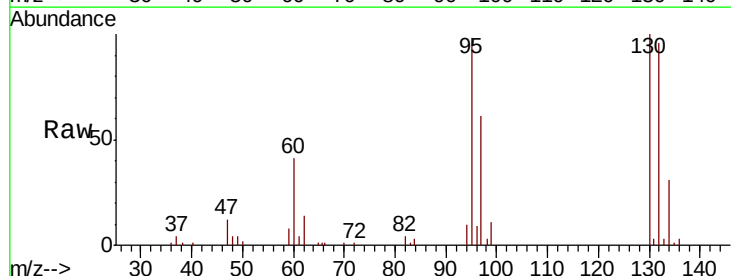
RT: 9.09 min Scan# 1179

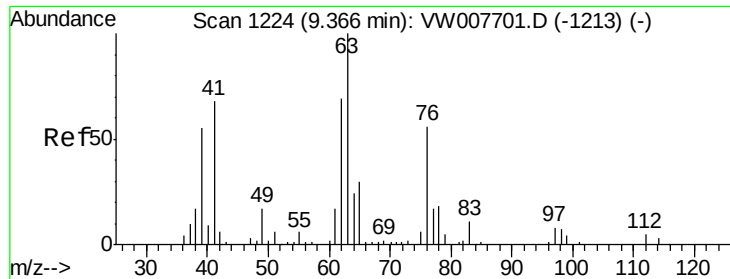
Delta R.T. -0.00 min

Lab File: VW007723.D

Acq: 20 Dec 2018 03:48

Tgt Ion:	130	Resp:	18795
Ion	Ratio	Lower	Upper
130	100		
95	98.4	0.0	194.8





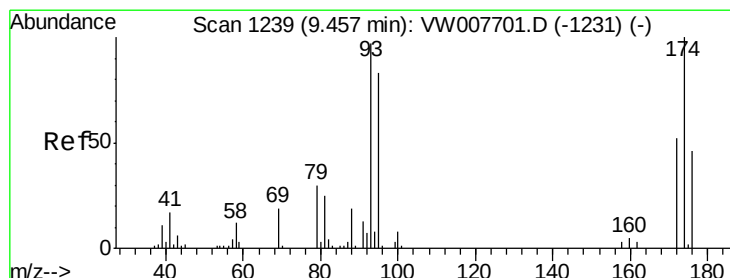
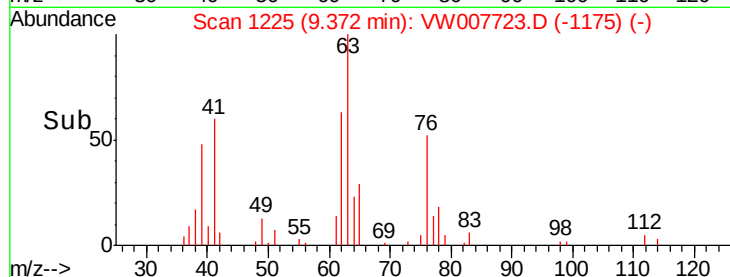
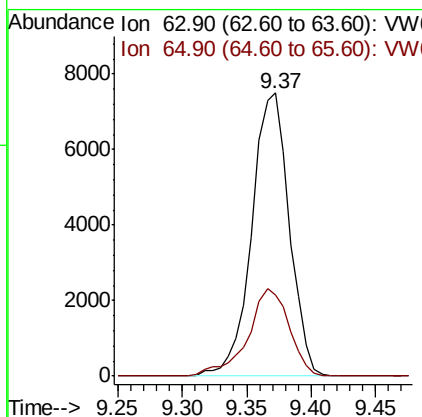
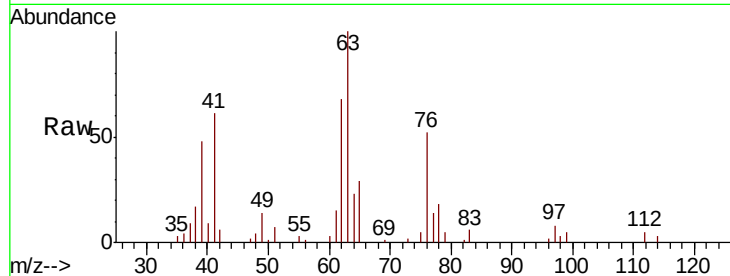
#45
 1,2-Dichloropropane
 Concen: 21.223 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: VW007723.D
 Acq: 20 Dec 2018 03:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1221SBS02

Tot Ion: 63 Resp: 15045
 Ion Ratio Lower Upper
 63 100
 65 28.7 23.8 35.8

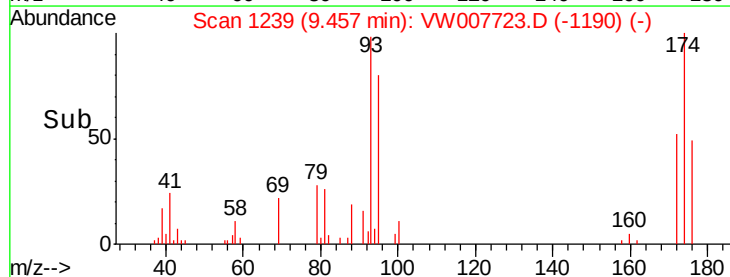
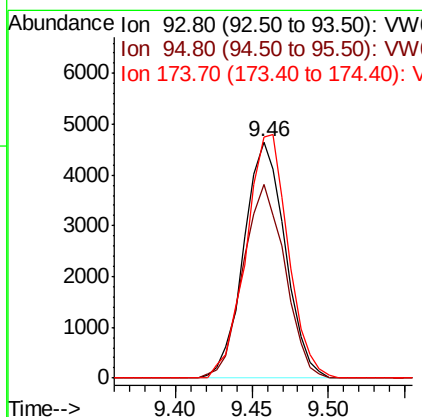
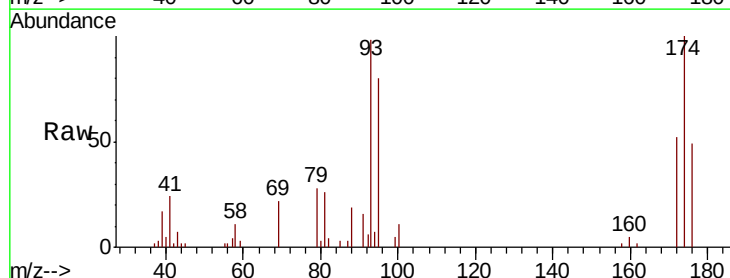
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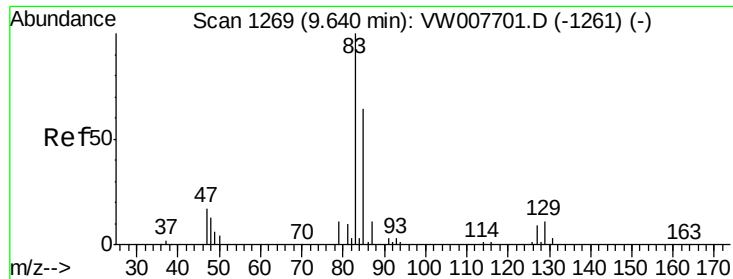
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#46
 Dibromomethane
 Concen: 20.024 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW007723.D
 Acq: 20 Dec 2018 03:48

Tgt Ion: 93 Resp: 8738
 Ion Ratio Lower Upper
 93 100
 95 83.0 67.5 101.3
 174 105.2 83.9 125.9





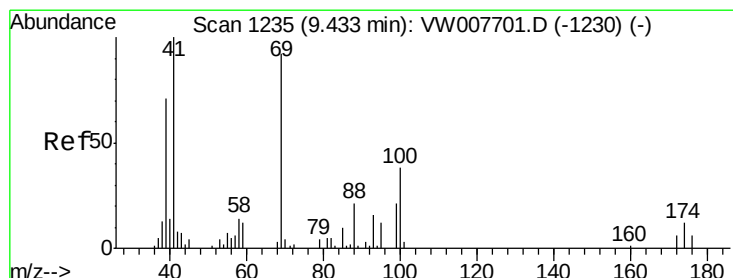
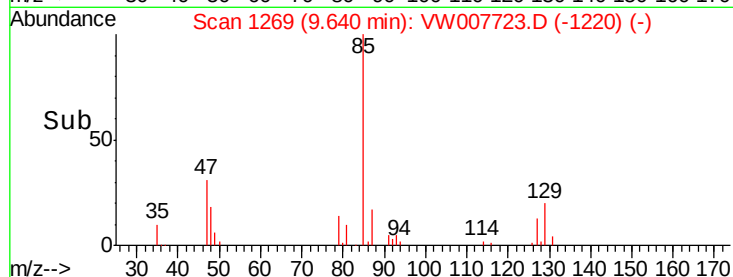
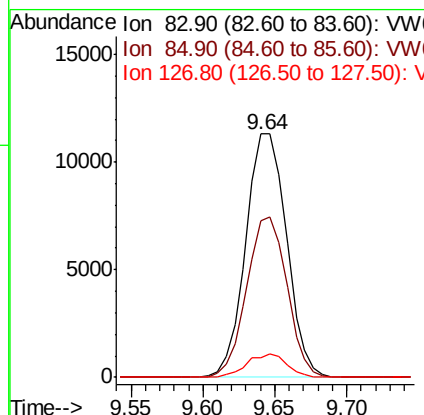
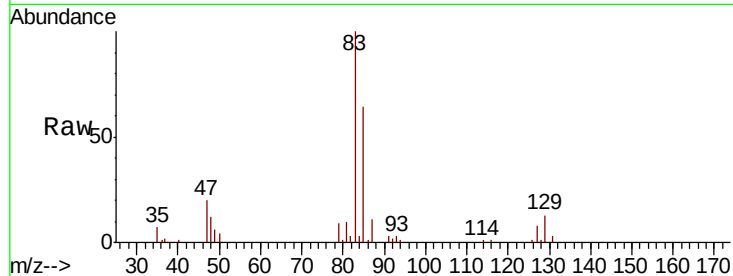
#47
Bromodichloromethane
Concen: 19.372 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VW007723.D
Acq: 20 Dec 2018 03:48

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS02

Tot Ion	83	Resp	22224
Ion Ratio	100	Lower	Upper
83	100		
85	64.2	51.4	77.0
127	8.3	7.5	11.3

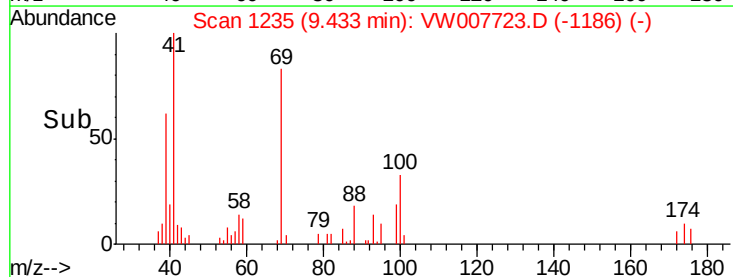
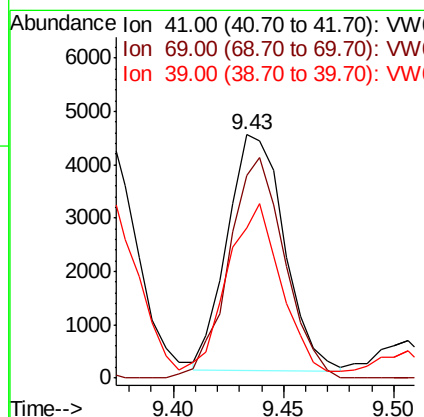
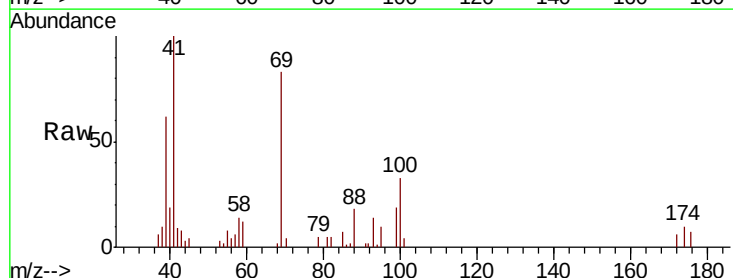
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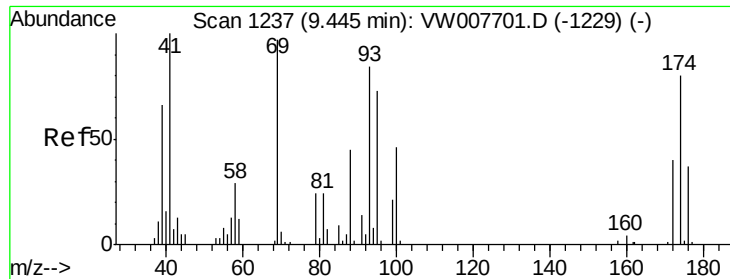
apatel
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#48
Methyl methacrylate
Concen: 19.271 ug/l m
RT: 9.43 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VW007723.D
Acq: 20 Dec 2018 03:48

Tgt Ion	41	Resp	7963
Ion Ratio	100	Lower	Upper
41	100		
69	91.6	74.2	111.2
39	72.4	53.9	80.9





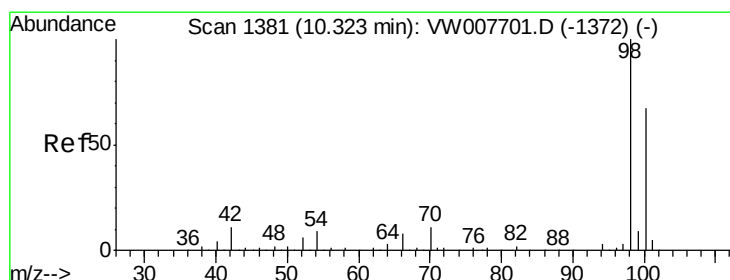
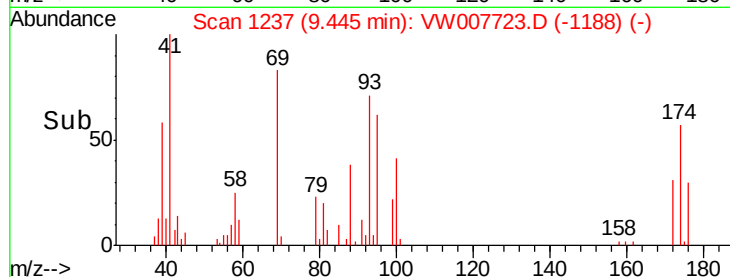
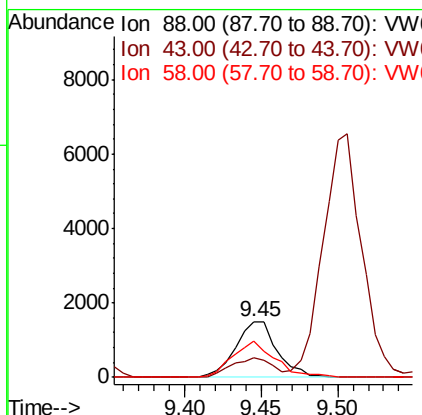
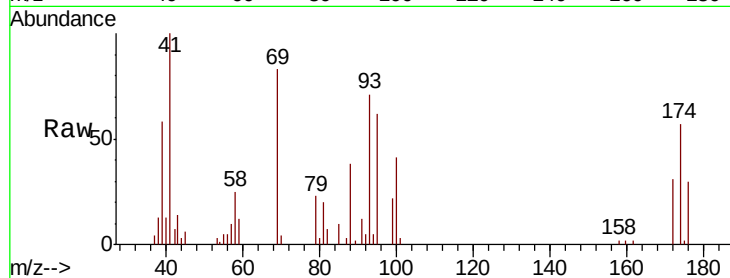
#49
1,4-Dioxane
Concen: 409.037 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VW007723.D
Acq: 20 Dec 2018 03:48

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.3	25.6	38.4
58	67.0	52.3	78.5

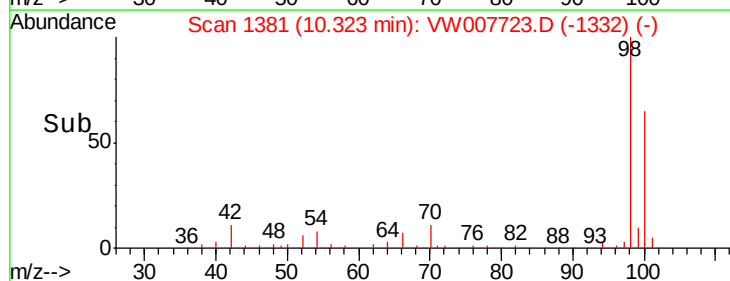
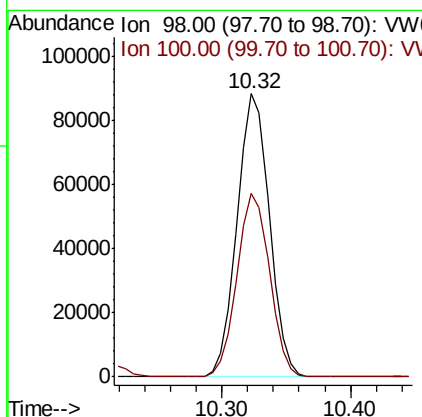
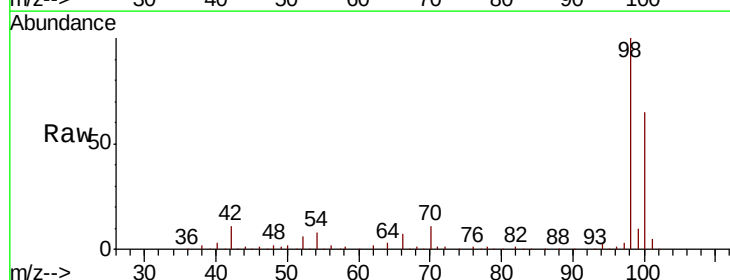
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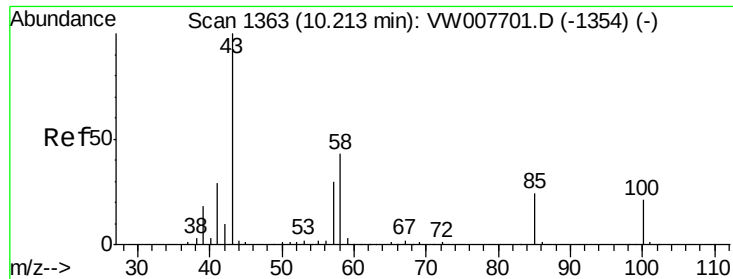
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#50
Toluene-d8
Concen: 53.947 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007723.D
Acq: 20 Dec 2018 03:48

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.2	78.2





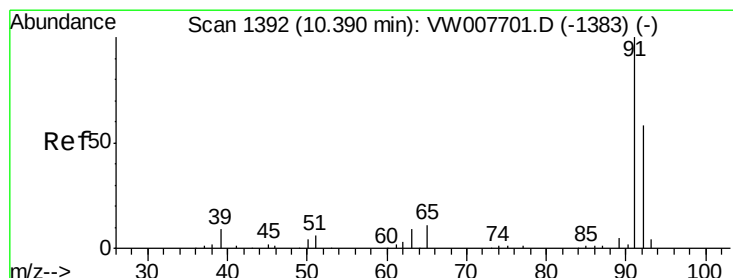
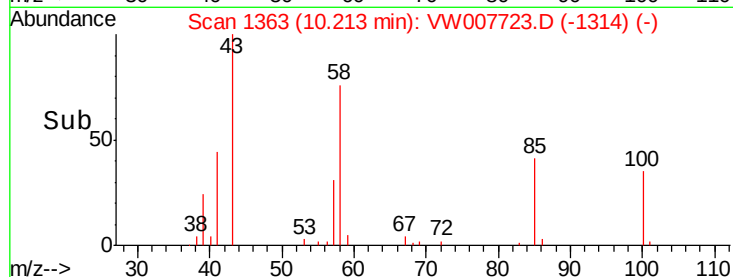
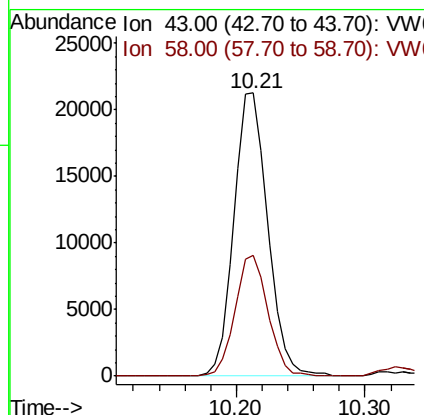
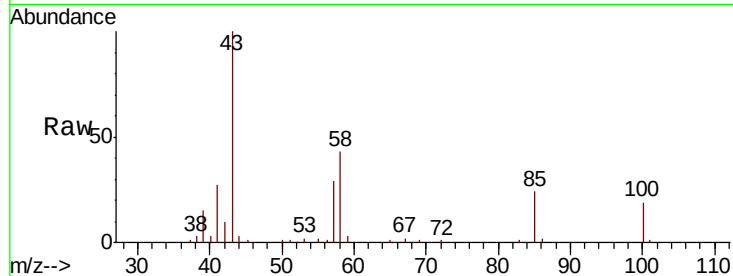
#51
4-Methyl-2-Pentanone
Concen: 99.351 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VW007723.D
Acq: 20 Dec 2018 03:48

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS02

Tot Ion	43	58	Resp	Lower	Upper
43	100				
58	41.4	100	33.2	49.8	

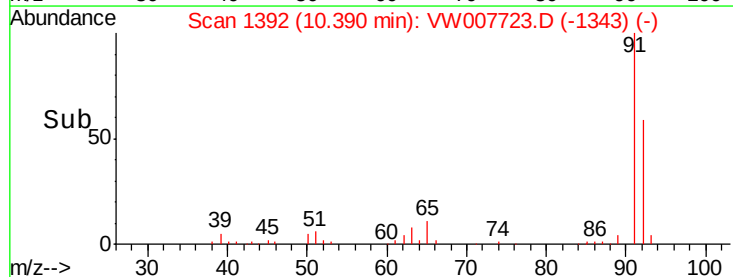
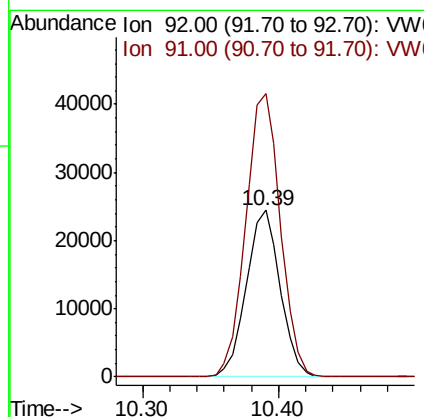
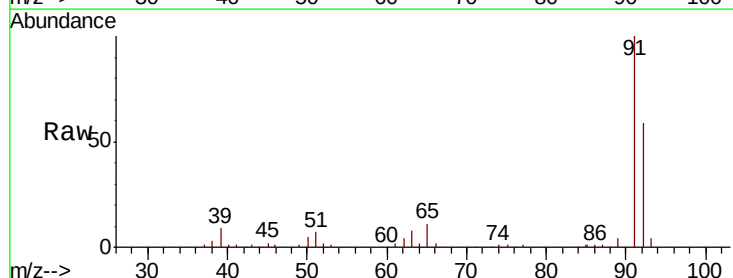
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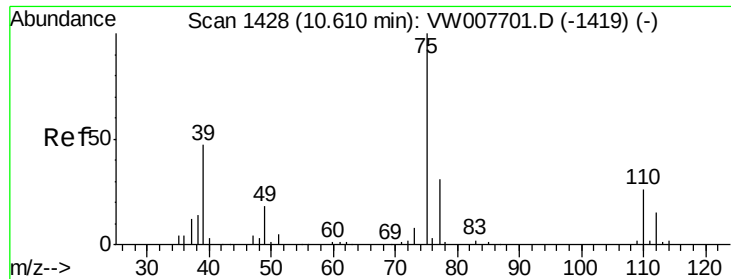
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#52
Toluene
Concen: 19.920 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW007723.D
Acq: 20 Dec 2018 03:48

Tgt Ion	92	91	Resp	Lower	Upper
92	100				
91	173.1	100	137.0	205.4	





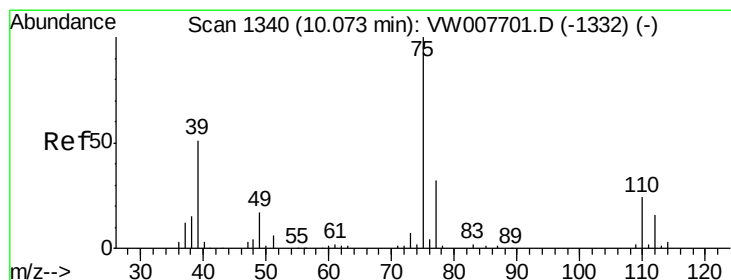
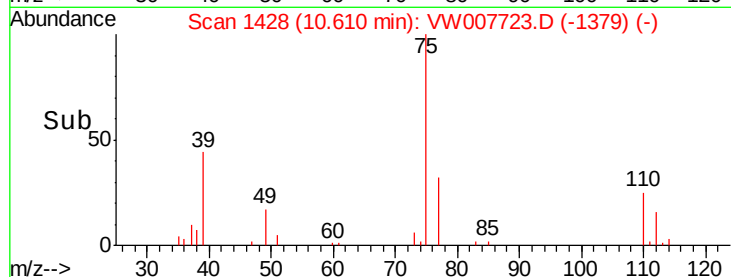
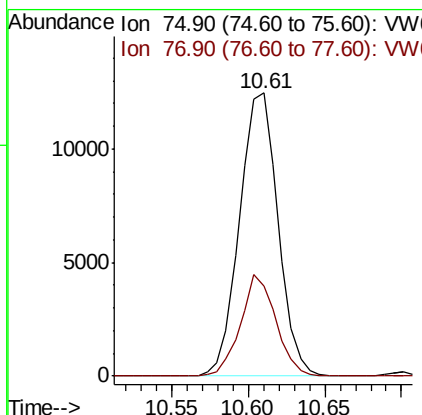
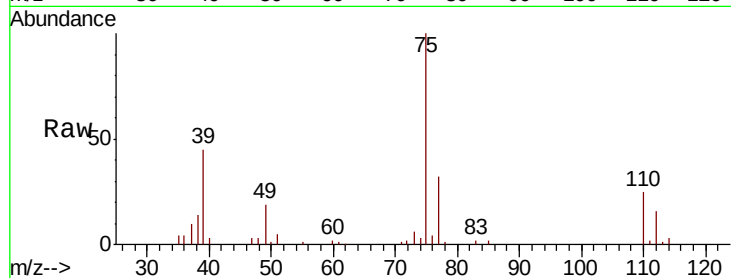
#53
 t-1,3-Dichloropropene
 Concen: 19.069 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. -0.00 min
 Lab File: VW007723.D
 Acq: 20 Dec 2018 03:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1221SBS02

Tot Ion: 75 Resp: 21760
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.2 37.8

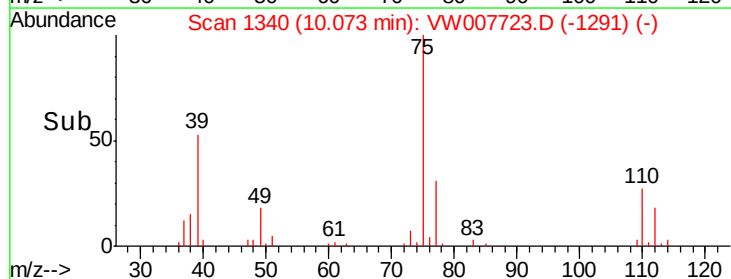
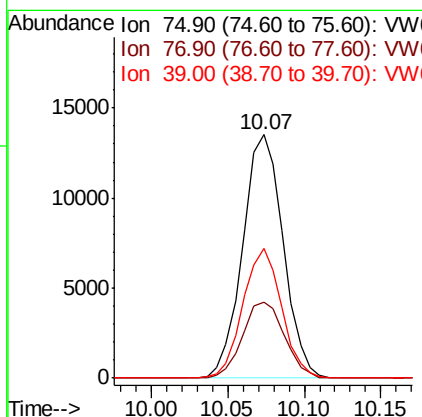
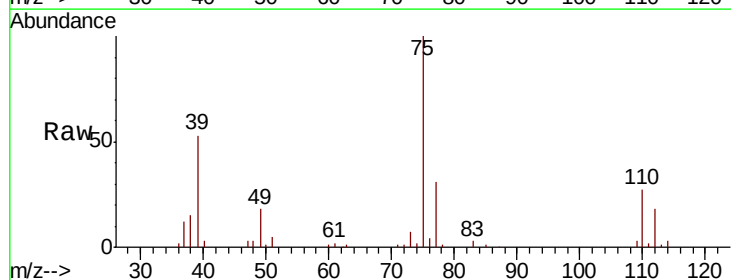
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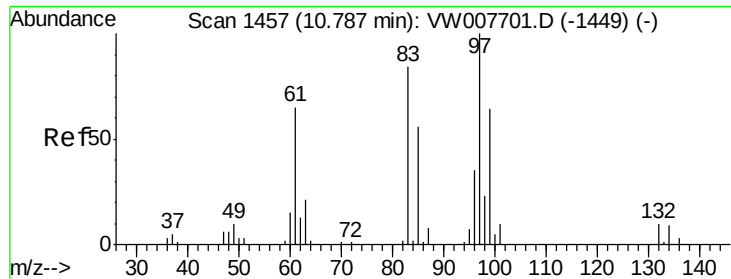
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#54
 cis-1,3-Dichloropropene
 Concen: 19.696 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW007723.D
 Acq: 20 Dec 2018 03:48

Tgt Ion: 75 Resp: 24825
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.5 38.3
 39 53.0 41.2 61.8





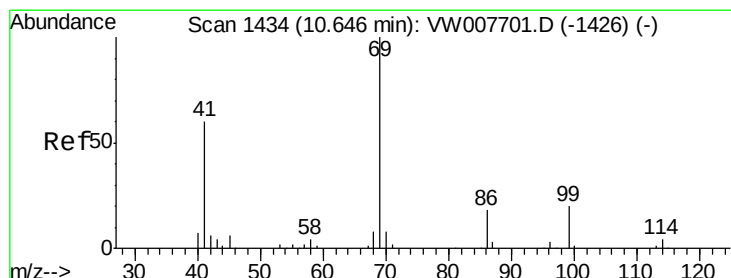
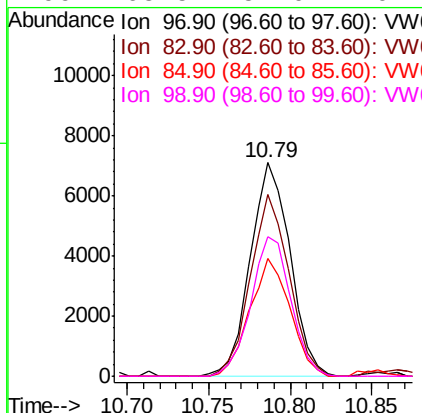
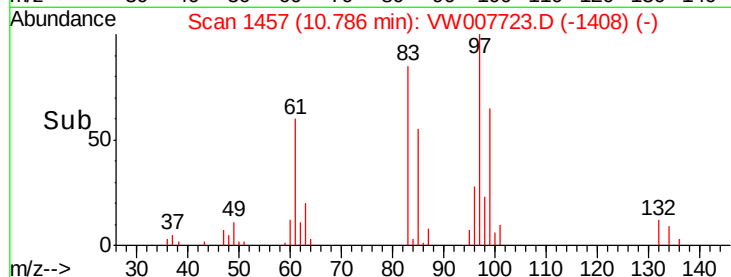
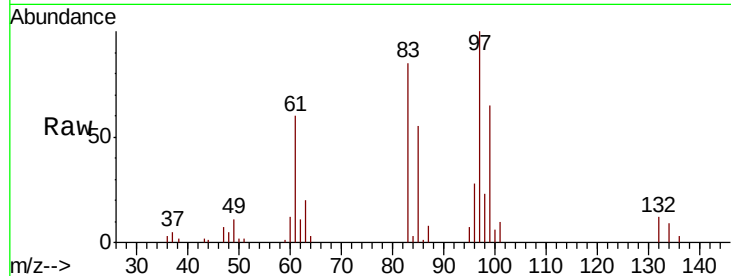
#55
 1,1,2-Trichloroethane
 Concen: 20.015 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW007723.D
 Acq: 20 Dec 2018 03:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1221SBS02

Tot Ion:	97	Resp:	12041
Ion	Ratio	Lower	Upper
97	100		
83	84.9	67.5	101.3
85	55.1	44.8	67.2
99	65.5	51.0	76.4

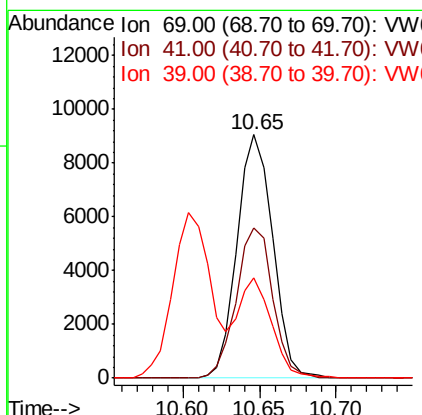
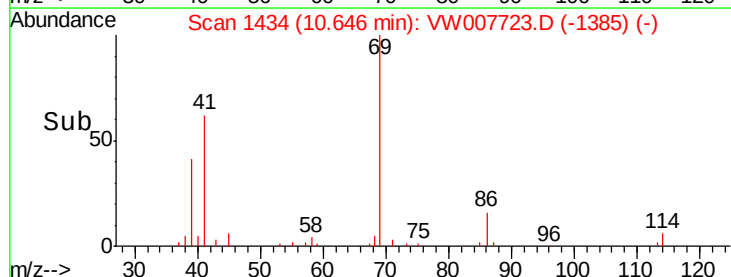
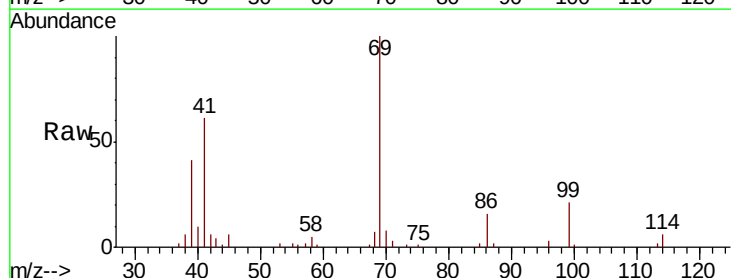
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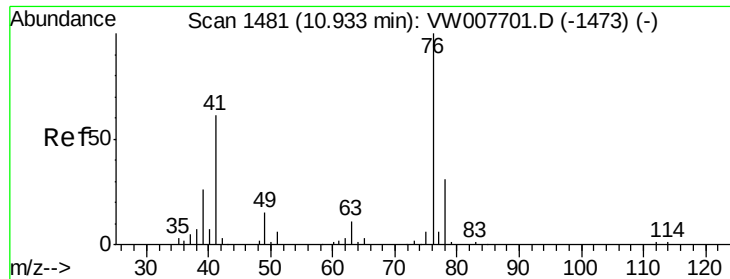
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#56
 Ethyl methacrylate
 Concen: 20.683 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW007723.D
 Acq: 20 Dec 2018 03:48

Tgt Ion:	69	Resp:	14701
Ion	Ratio	Lower	Upper
69	100		
41	63.0	48.9	73.3
39	38.8	31.3	46.9





#57

1,3-Dichloropropane

Concen: 20.741 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW007723.D

Acq: 20 Dec 2018 03:48

Instrument :

MSVOA_W

ClientSampleId :

VW1221SBS02

Tot Ion: 76 Resp: 20720

Ion Ratio Lower Upper

76 100

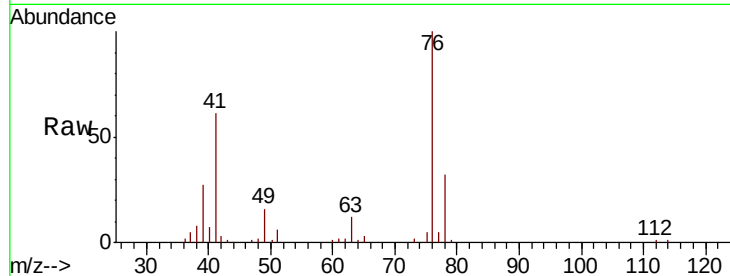
78 32.2 26.2 39.2

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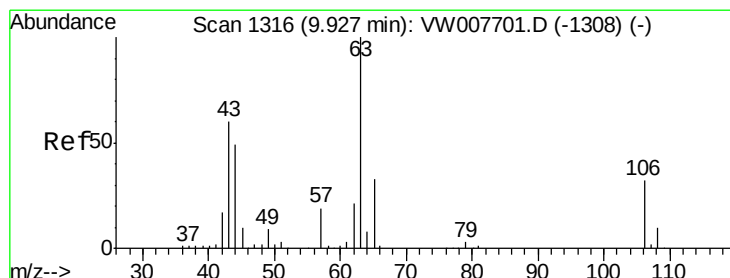
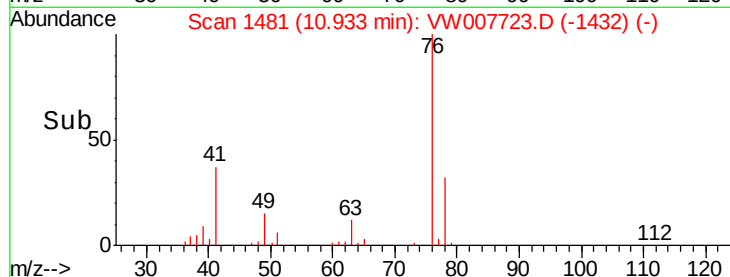
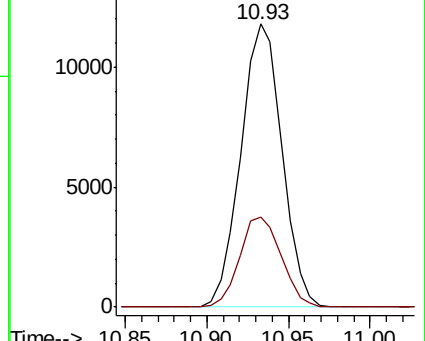
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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#58

2-Chloroethyl Vinyl ether

Concen: 103.588 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VW007723.D

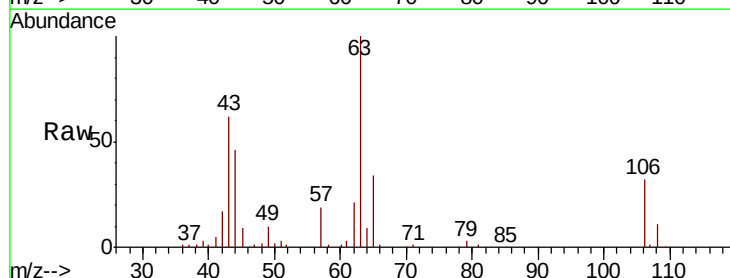
Acq: 20 Dec 2018 03:48

Tgt Ion: 63 Resp: 33617

Ion Ratio Lower Upper

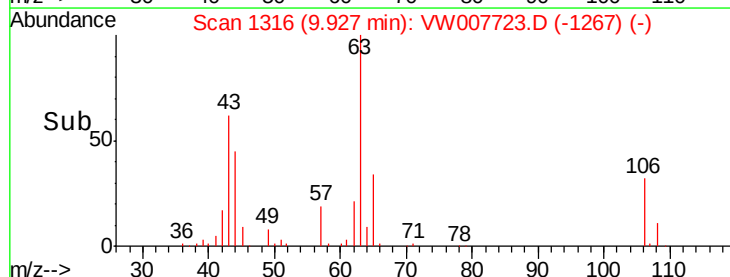
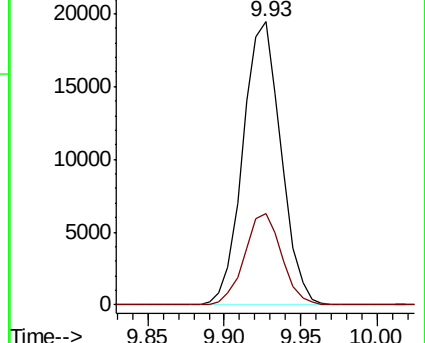
63 100

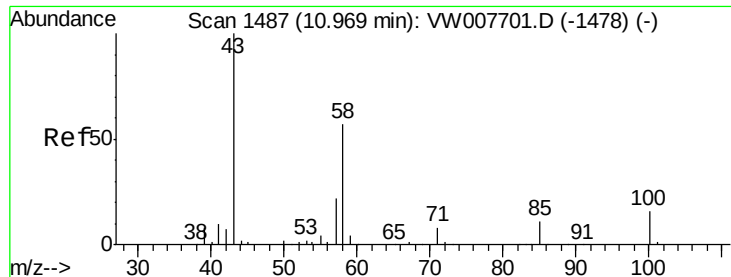
106 31.5 25.9 38.9



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 105.90 (105.60 to 106.60): V





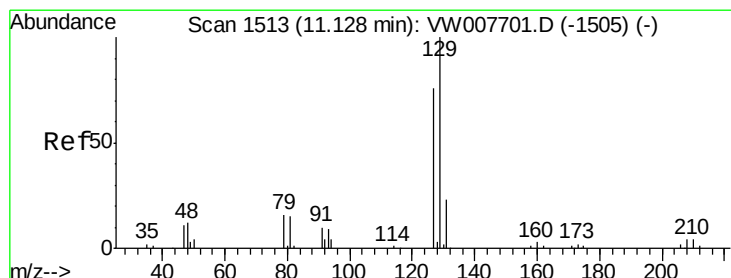
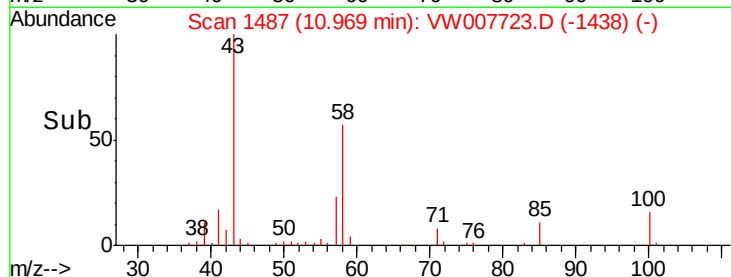
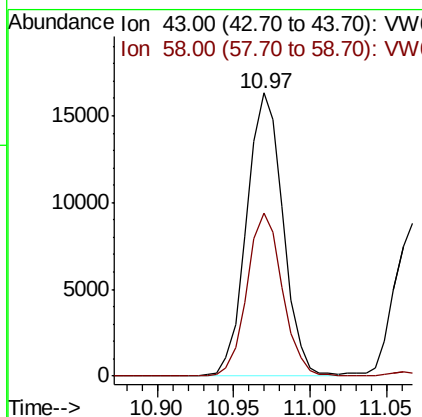
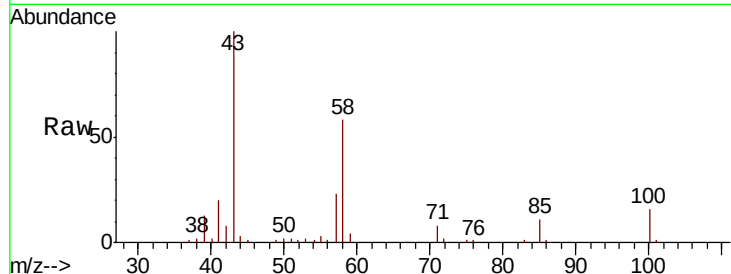
#59
2-Hexanone
Concen: 98.025 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW007723.D
Acq: 20 Dec 2018 03:48

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS02

Tot Ion: 43 Resp: 26970
Ion Ratio Lower Upper
43 100
58 56.1 27.7 83.1

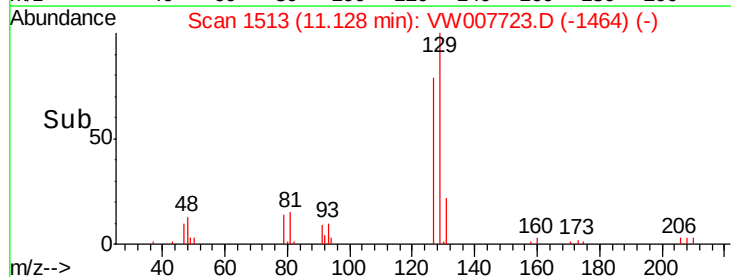
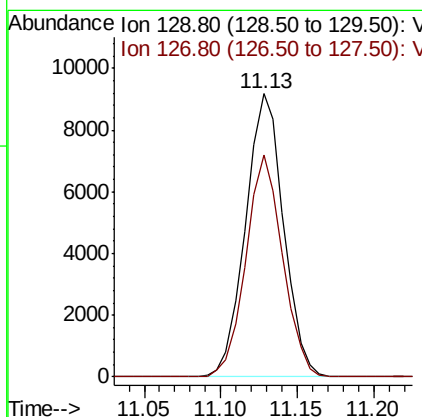
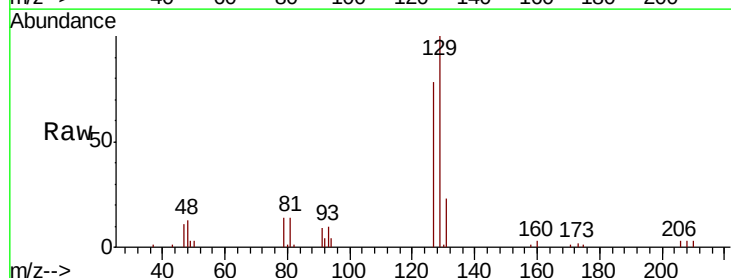
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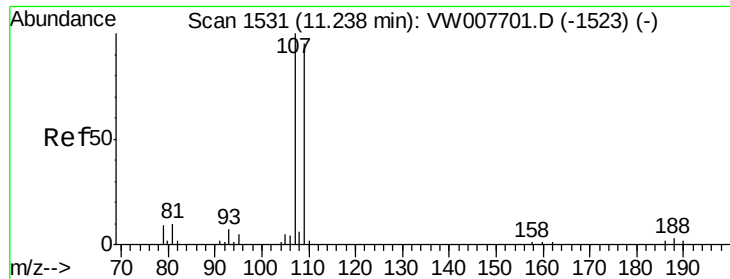
apatel
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#60
Dibromochloromethane
Concen: 19.873 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW007723.D
Acq: 20 Dec 2018 03:48

Tgt Ion: 129 Resp: 15830
Ion Ratio Lower Upper
129 100
127 75.6 38.3 114.9





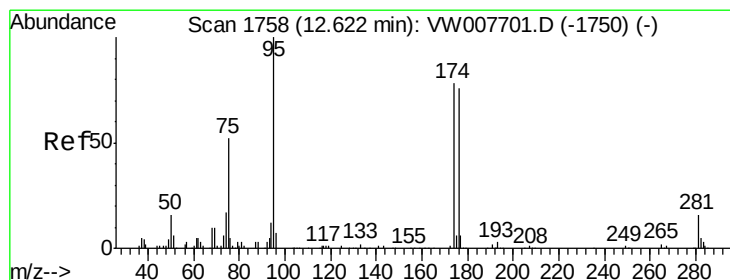
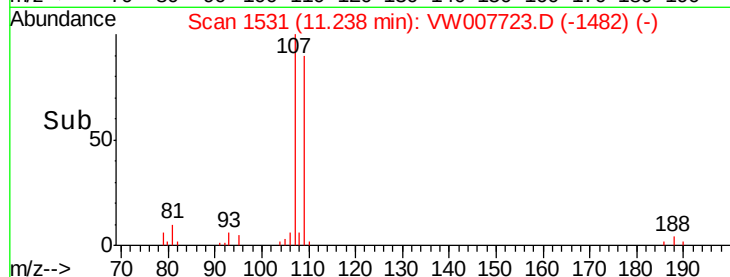
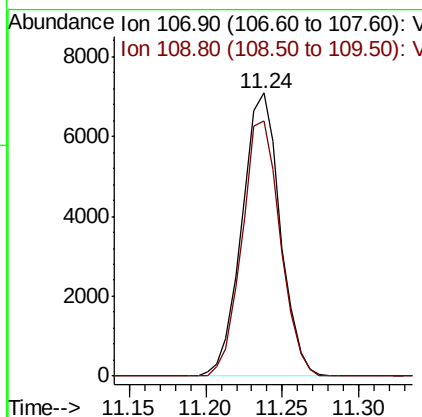
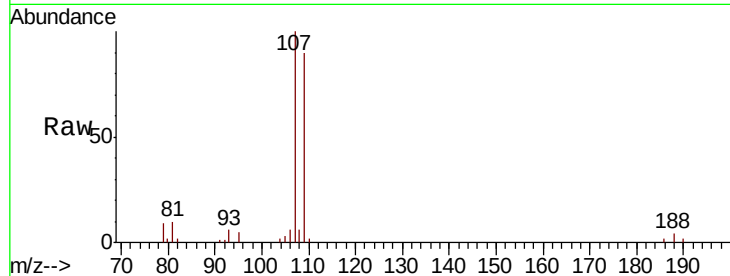
#61
 1,2-Dibromoethane
 Concen: 20.234 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW007723.D
 Acq: 20 Dec 2018 03:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1221SBS02

Tot Ion	Ratio	Lower	Upper
107	100		
109	90.2	75.4	113.0

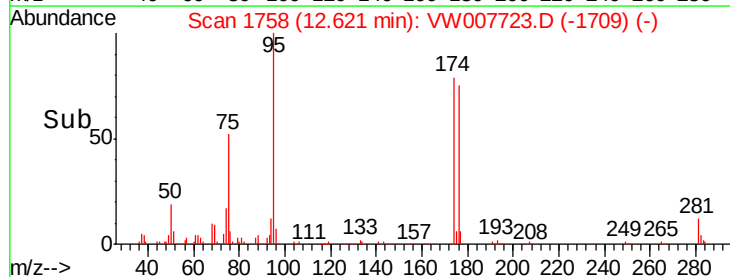
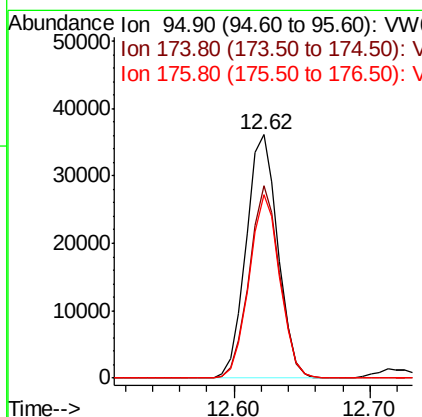
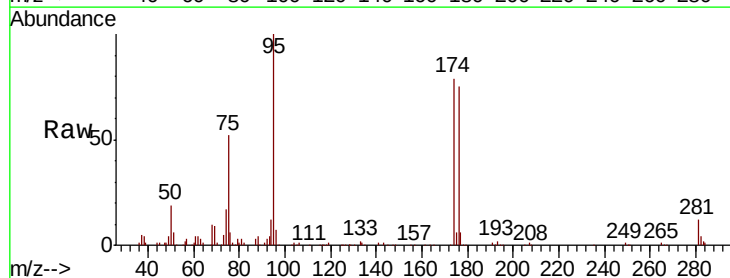
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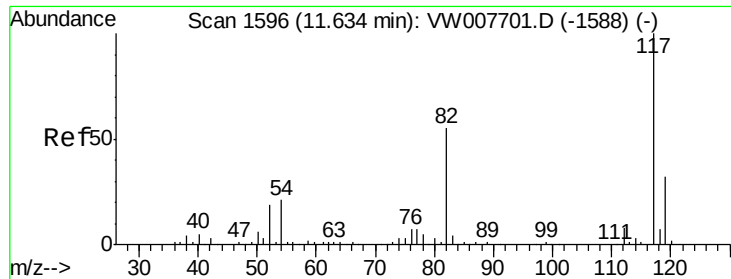
apatel
 12/20/2018 11:20:25 AM



#62
 4-Bromofluorobenzene
 Concen: 53.529 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW007723.D
 Acq: 20 Dec 2018 03:48

Tgt Ion	Ratio	Lower	Upper
95	100		
174	76.1	0.0	152.2
176	73.0	0.0	146.8





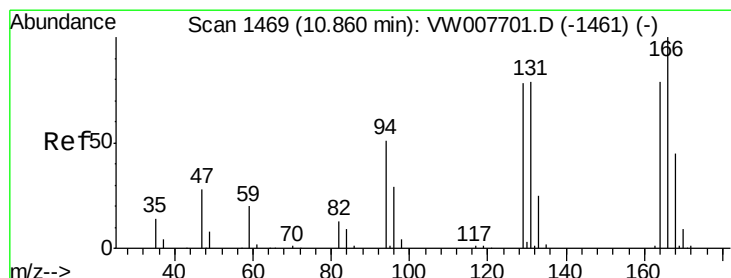
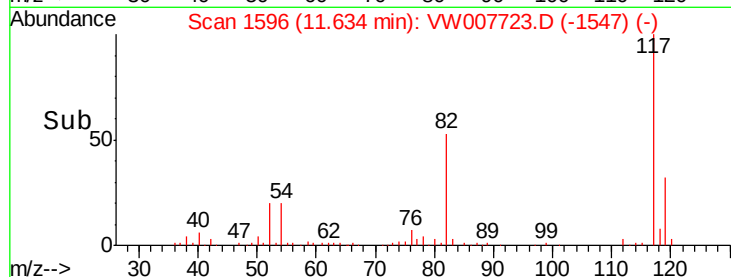
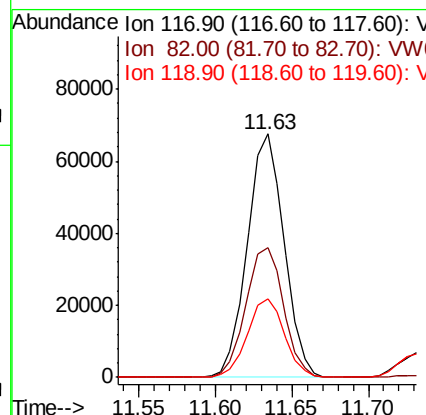
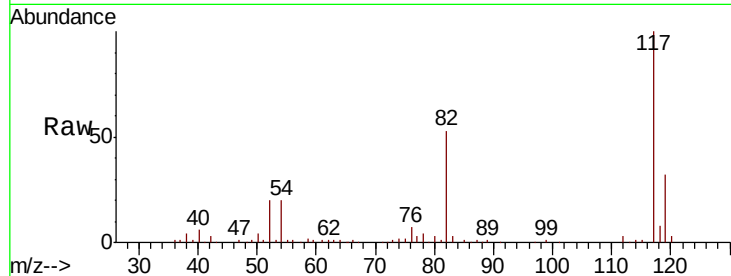
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007723.D
Acq: 20 Dec 2018 03:48

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.1	44.3	66.5
119	32.0	25.7	38.5

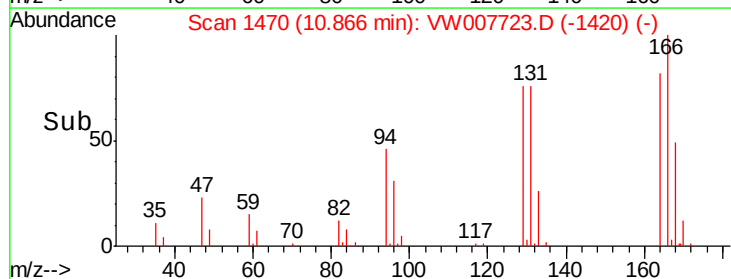
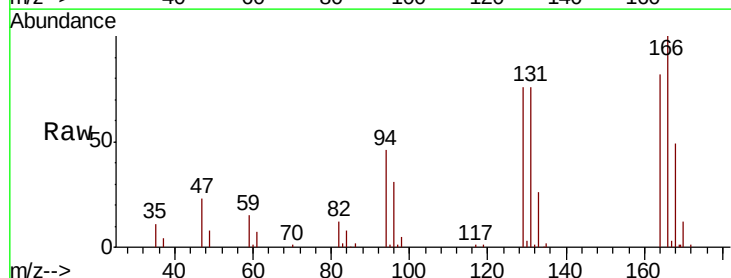
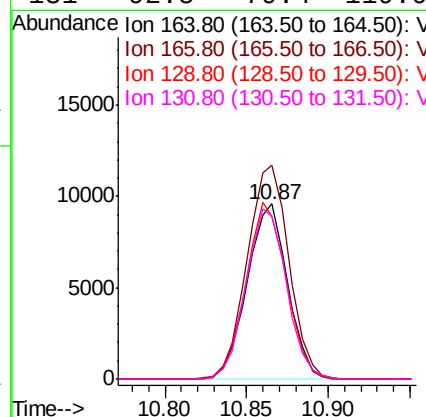
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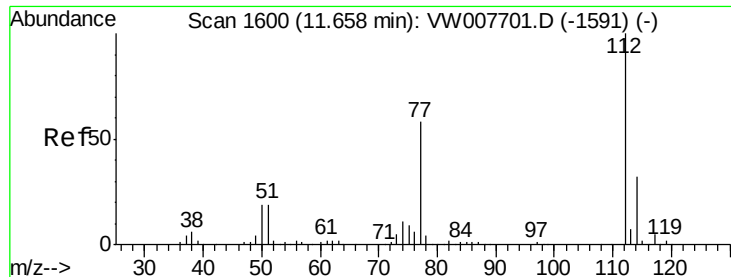
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#64
Tetrachloroethene
Concen: 20.607 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW007723.D
Acq: 20 Dec 2018 03:48

Tgt Ion	Ratio	Lower	Upper
164	100		
166	121.9	101.0	151.6
129	92.4	78.7	118.1
131	92.5	79.4	119.0





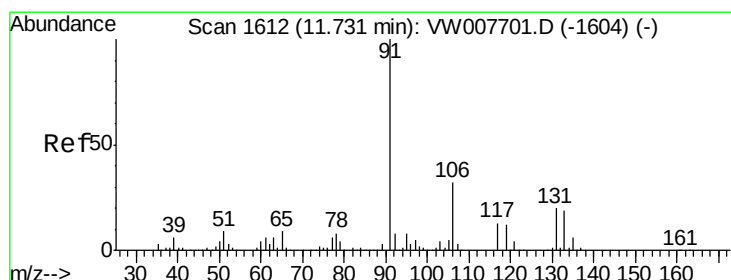
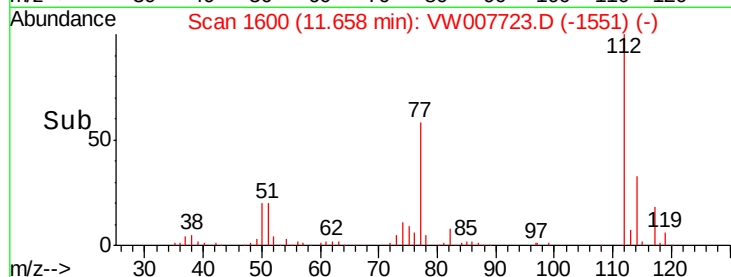
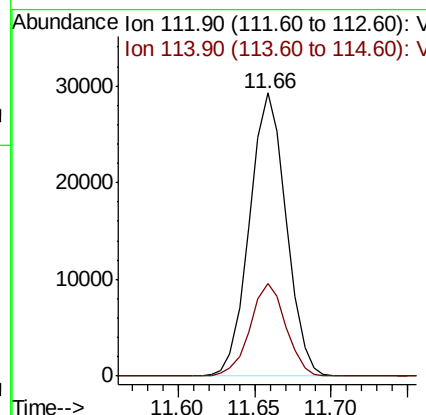
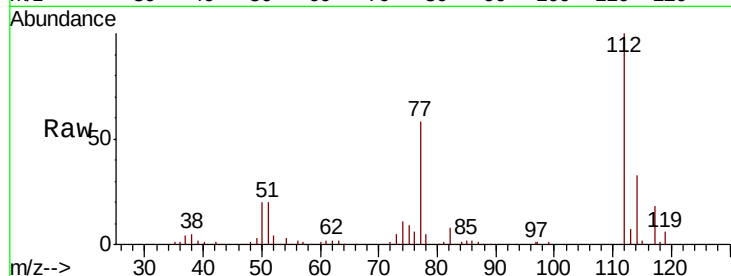
#65
Chlorobenzene
Concen: 19.969 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007723.D
Acq: 20 Dec 2018 03:48

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS02

Tot Ion:112 Resp: 48833
Ion Ratio Lower Upper
112 100
114 32.6 25.2 37.8

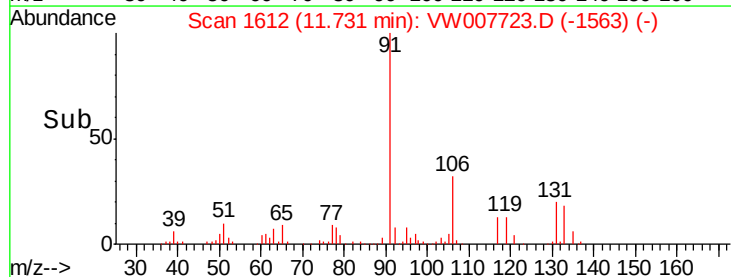
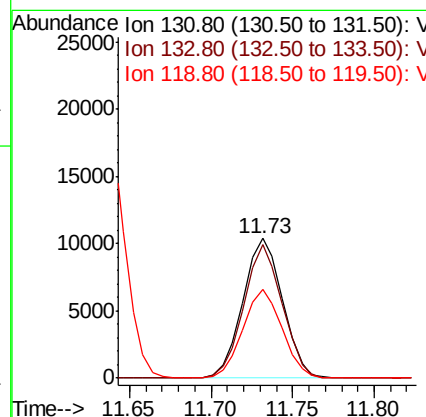
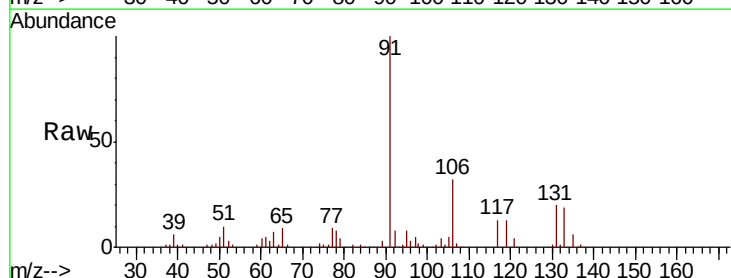
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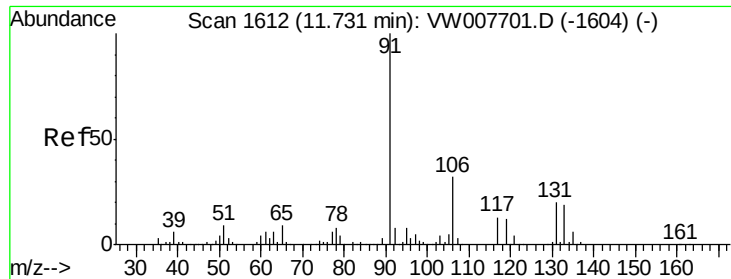
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.091 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007723.D
Acq: 20 Dec 2018 03:48

Tgt Ion:131 Resp: 17555
Ion Ratio Lower Upper
131 100
133 92.8 47.5 142.5
119 62.8 30.2 90.6





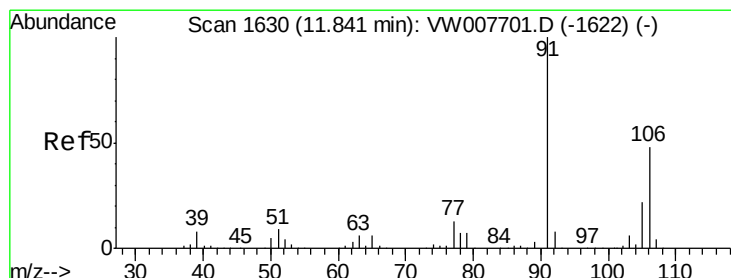
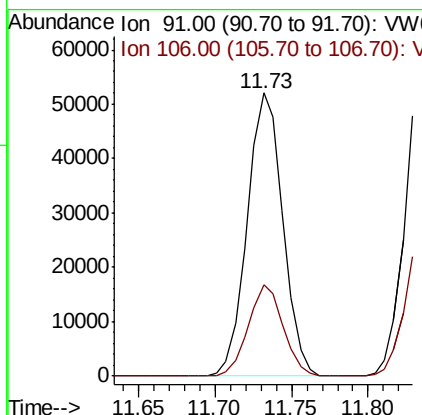
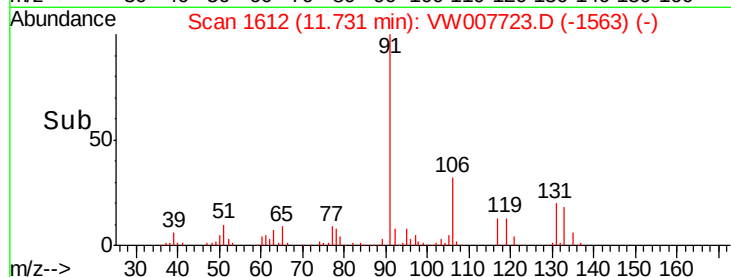
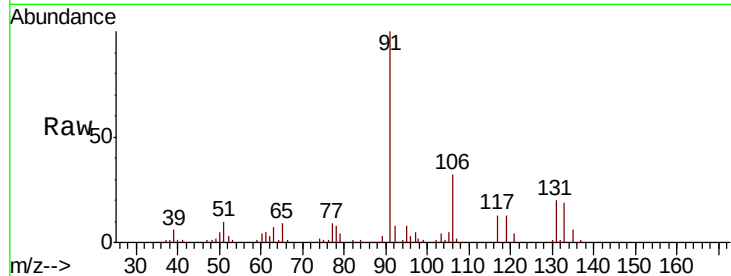
#67
Ethyl Benzene
Concen: 20.038 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007723.D
Acq: 20 Dec 2018 03:48

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS02

Tot Ion: 91 Resp: 84086
Ion Ratio Lower Upper
91 100
106 32.2 25.8 38.8

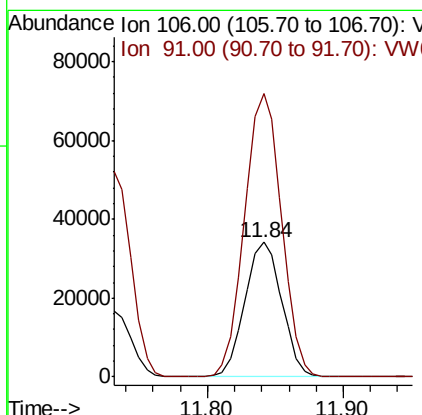
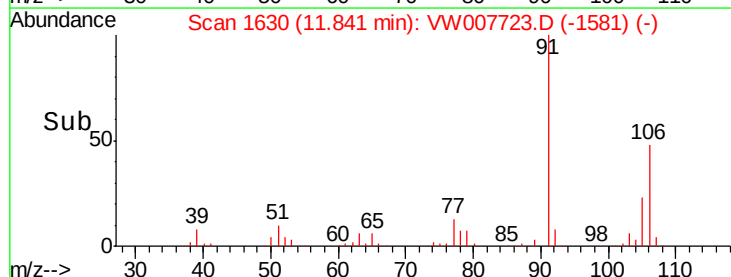
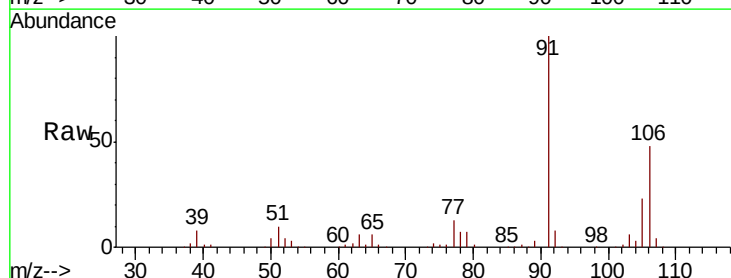
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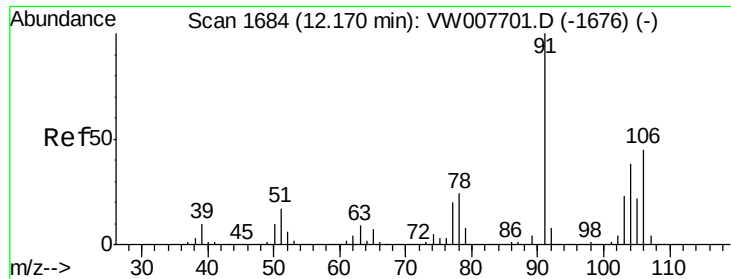
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#68
m/p-Xylenes
Concen: 39.961 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007723.D
Acq: 20 Dec 2018 03:48

Tgt Ion: 106 Resp: 65049
Ion Ratio Lower Upper
106 100
91 210.3 165.2 247.8





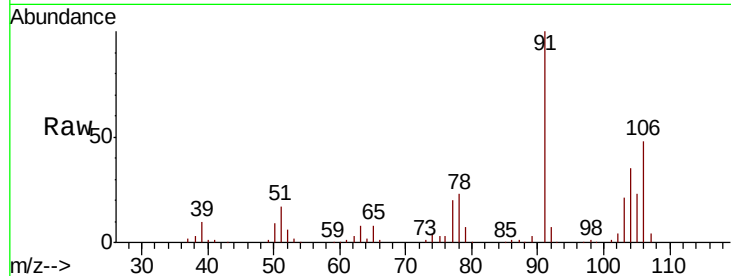
#69
o-Xylene
Concen: 20.943 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007723.D
Acq: 20 Dec 2018 03:48

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS02

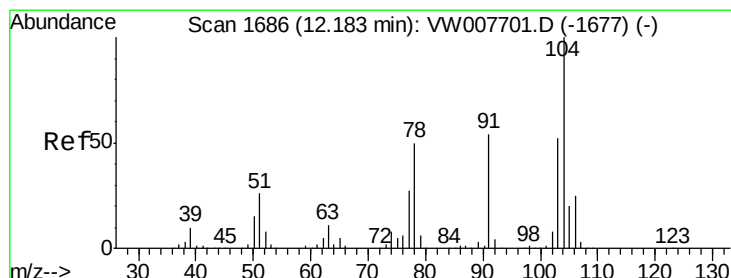
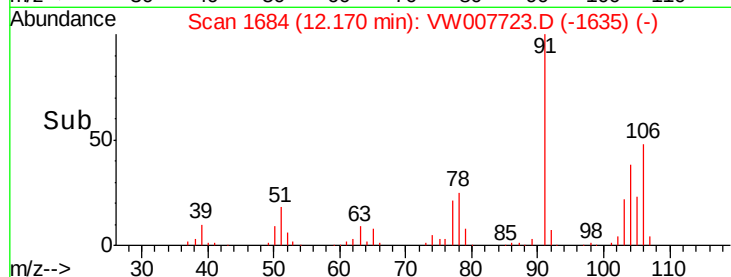
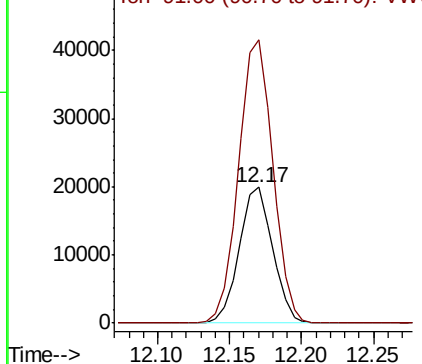
Tot Ion:106 Resp: 31956
Ion Ratio Lower Upper
106 100
91 214.1 110.5 331.4

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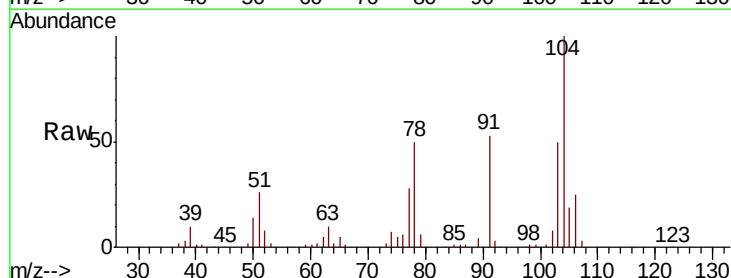


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

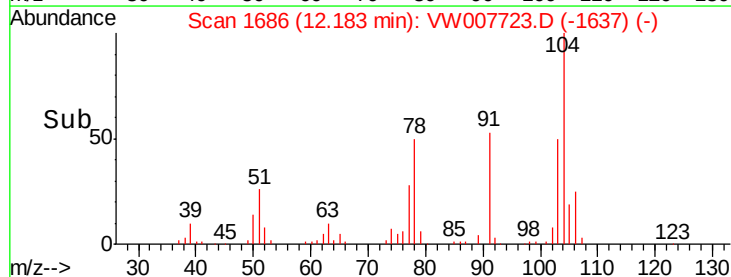
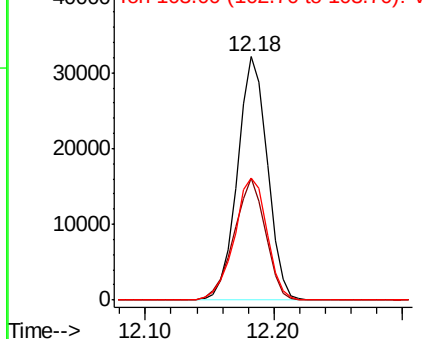


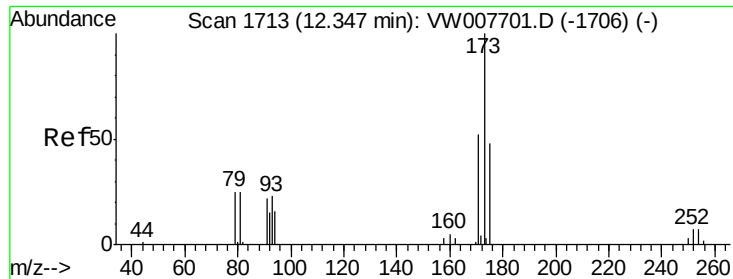
#70
Styrene
Concen: 20.544 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007723.D
Acq: 20 Dec 2018 03:48

Tgt Ion:104 Resp: 51528
Ion Ratio Lower Upper
104 100
78 52.9 43.4 65.0
103 54.9 44.5 66.7



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VW
Ion 103.00 (102.70 to 103.70): V





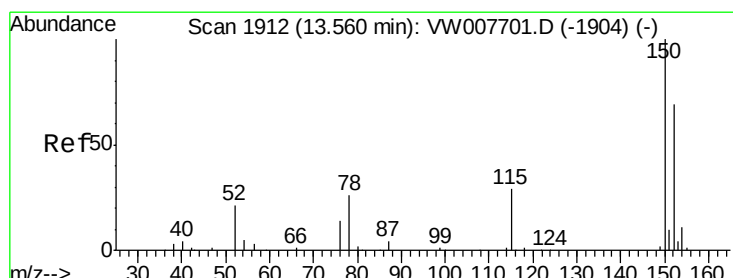
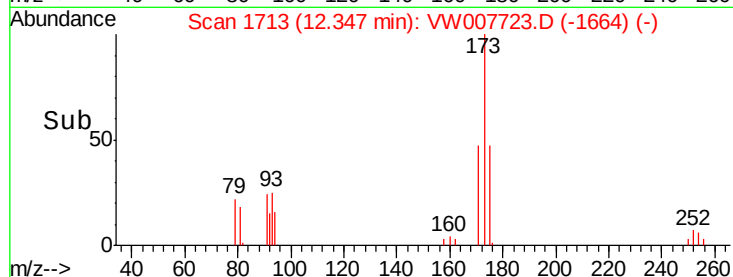
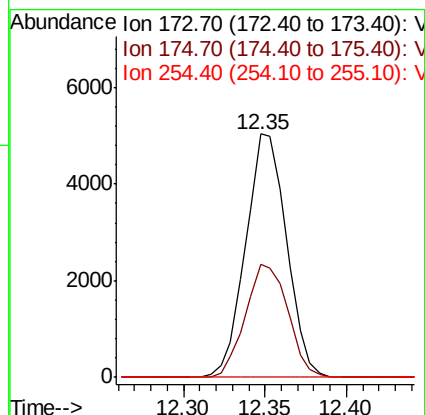
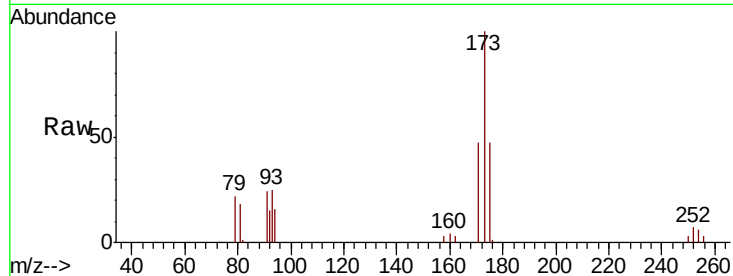
#71
Bromoform
Concen: 19.431 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VW007723.D
Acq: 20 Dec 2018 03:48

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS02

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.0	23.9	71.7
254	0.0	0.0	0.0

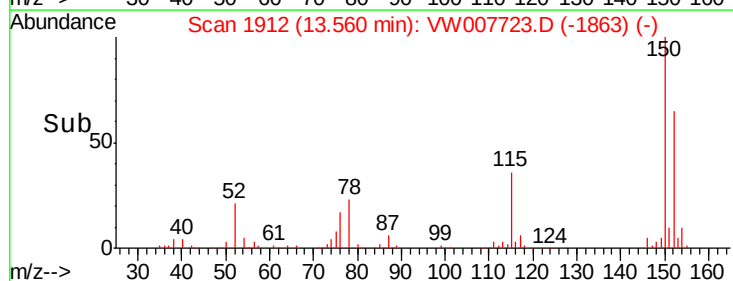
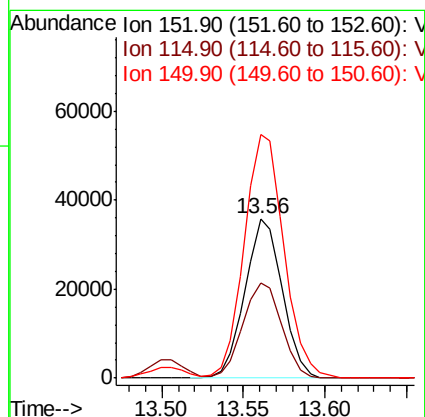
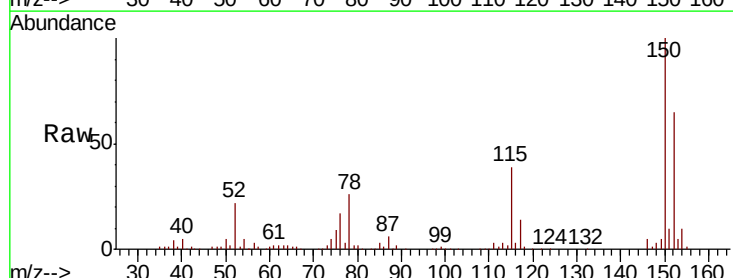
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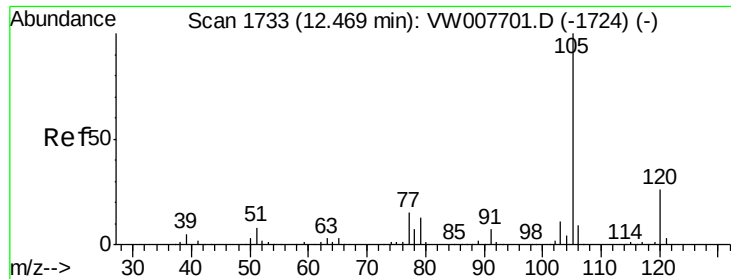
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007723.D
Acq: 20 Dec 2018 03:48

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.9	31.8	95.4
150	162.7	0.0	350.8





#73

Isopropylbenzene

Concen: 20.323 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW007723.D

Acq: 20 Dec 2018 03:48

Instrument :

MSVOA_W

ClientSampleId :

VW1221SBS02

Tot Ion: 105 Resp: 87530

Ion Ratio Lower Upper

105 100

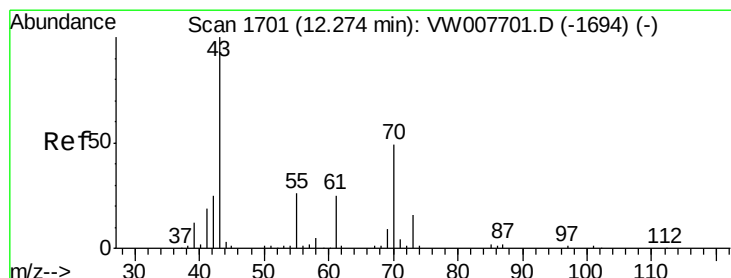
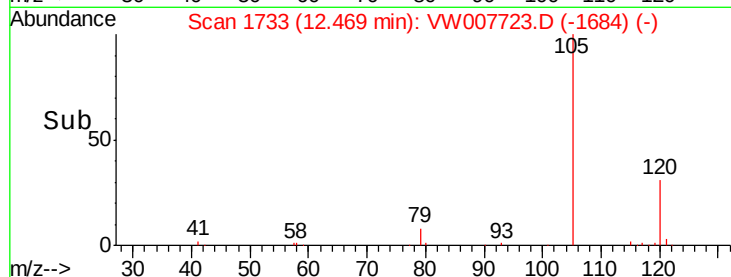
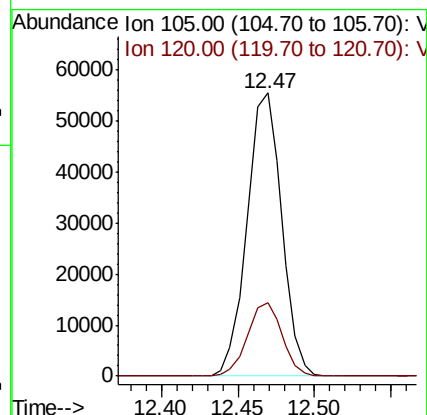
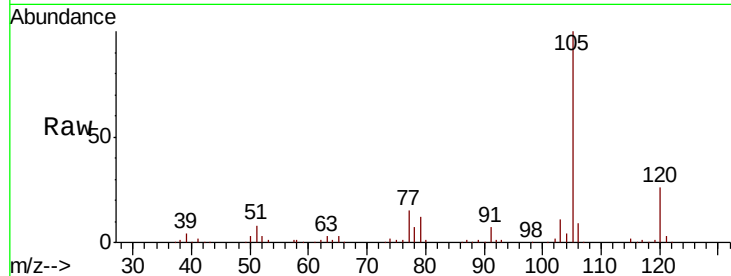
120 25.8 13.1 39.3

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#74

N-ethyl acetate

Concen: 20.650 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW007723.D

Acq: 20 Dec 2018 03:48

Tgt Ion: 43 Resp: 15405

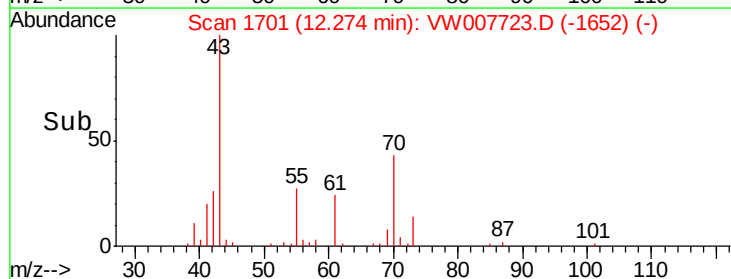
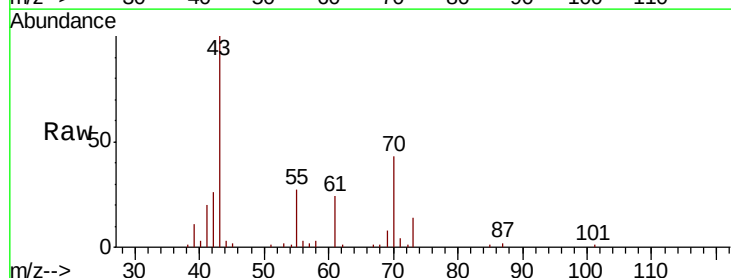
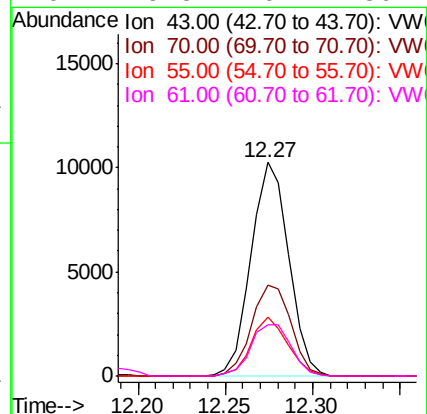
Ion Ratio Lower Upper

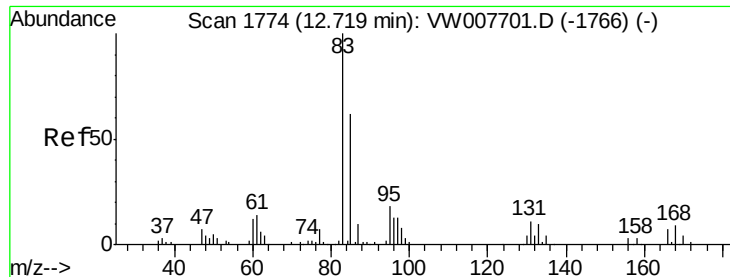
43 100

70 44.3 37.6 56.4

55 26.4 21.7 32.5

61 25.8 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 19.792 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW007723.D

Acq: 20 Dec 2018 03:48

Instrument :

MSVOA_W

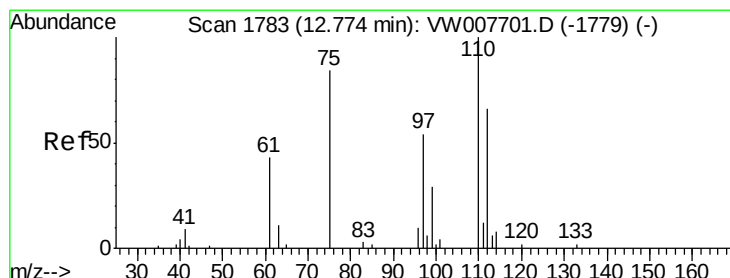
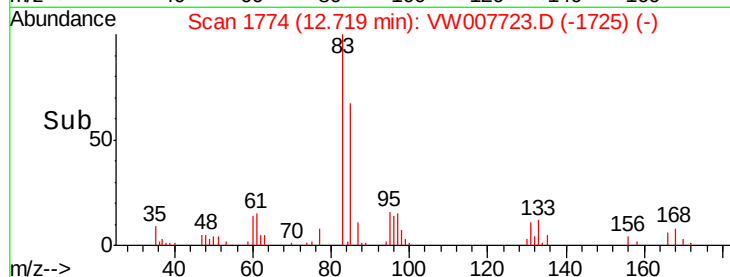
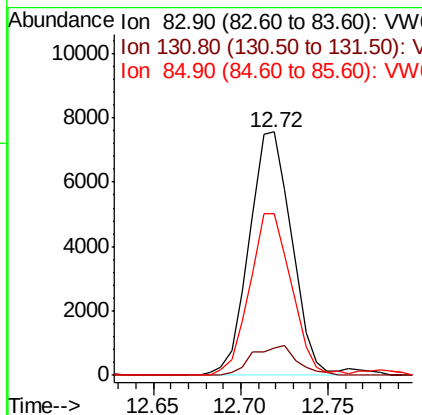
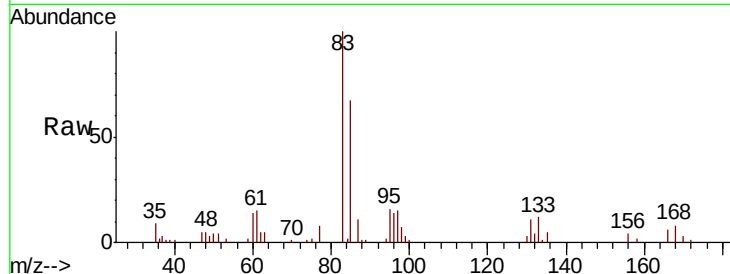
ClientSampleId :

VW1221SBS02

Tot Ion:	83	Resp:	12781
Ion Ratio	Lower	Upper	
83	100		
131	12.9	6.3	18.8
85	65.7	32.3	96.8

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#76

1,2,3-Trichloropropane

Concen: 18.384 ug/l m

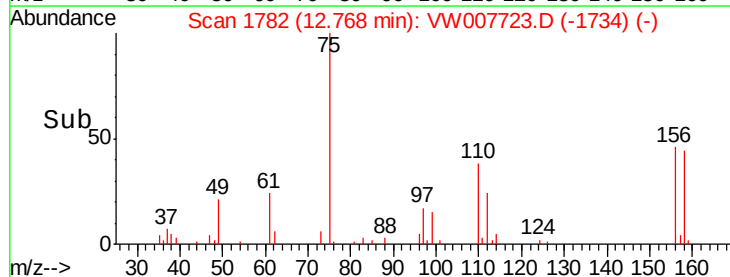
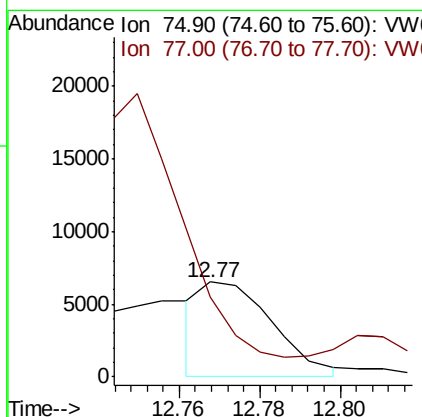
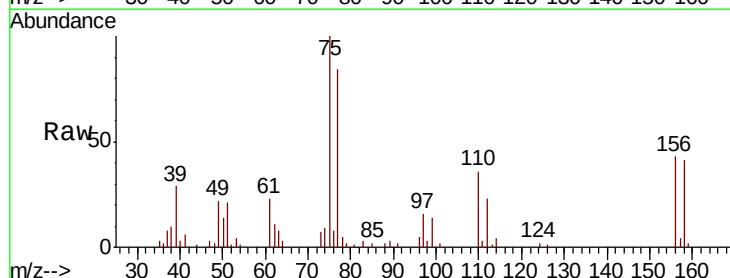
RT: 12.77 min Scan# 1782

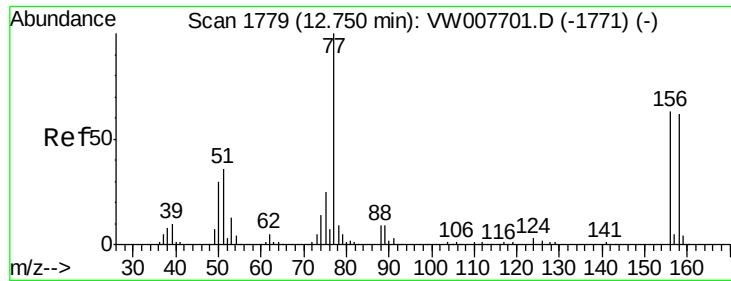
Delta R.T. -0.01 min

Lab File: VW007723.D

Acq: 20 Dec 2018 03:48

Tgt Ion:	75	Resp:	8096
Ion Ratio	Lower	Upper	
75	100		
77	438.8	0.0	0.0#





#77

Bromobenzene

Concen: 20.230 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007723.D

Acq: 20 Dec 2018 03:48

Instrument :

MSVOA_W

ClientSampleId :

VW1221SBS02

Tot Ion:156 Resp: 19968

Ion Ratio Lower Upper

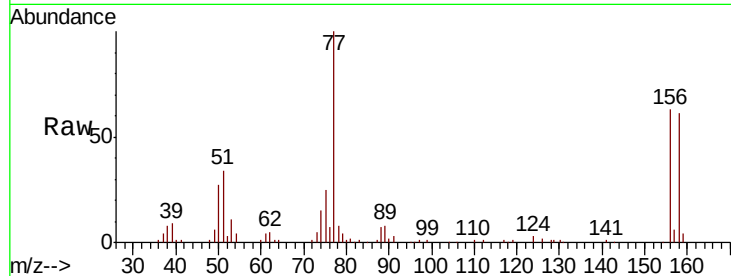
156 100

77 177.9 87.4 262.1

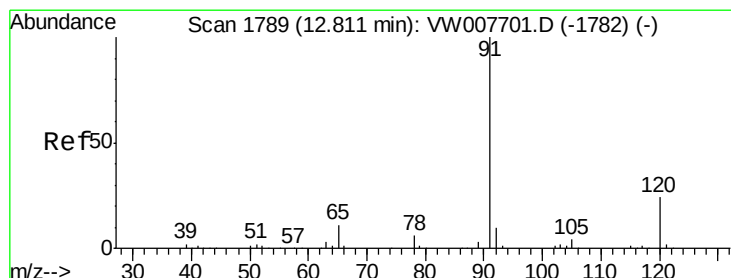
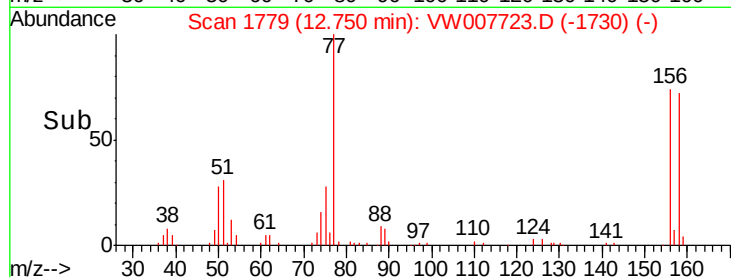
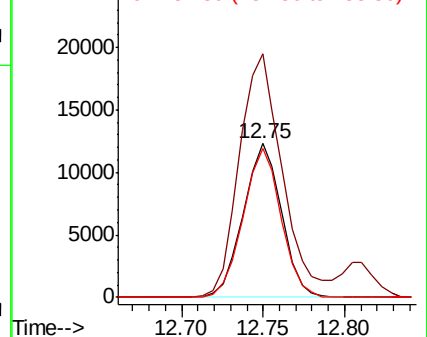
158 96.4 48.4 145.0

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Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VW
Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.158 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VW007723.D

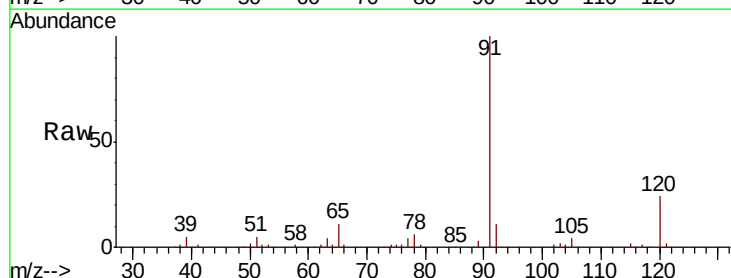
Acq: 20 Dec 2018 03:48

Tgt Ion: 91 Resp: 101061

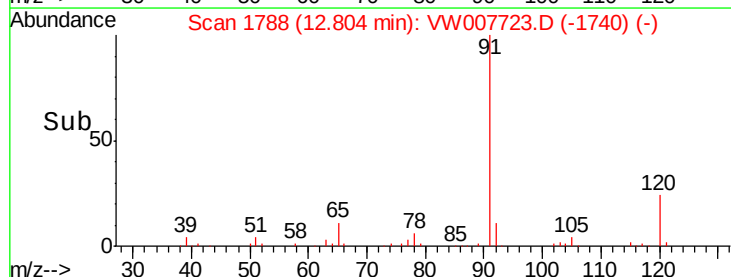
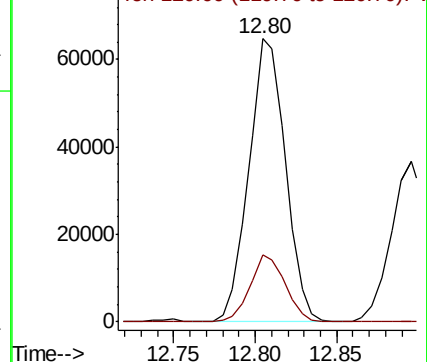
Ion Ratio Lower Upper

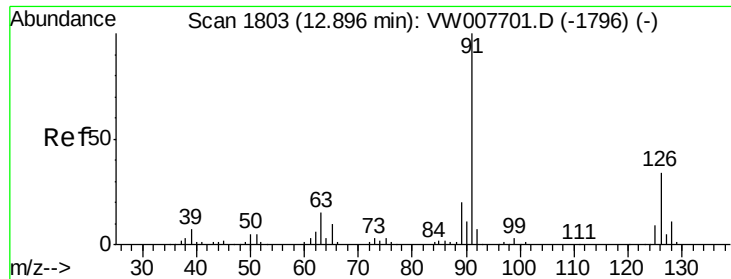
91 100

120 22.8 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 120.00 (119.70 to 120.70): V





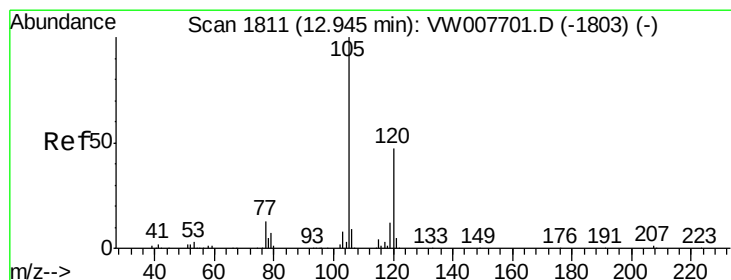
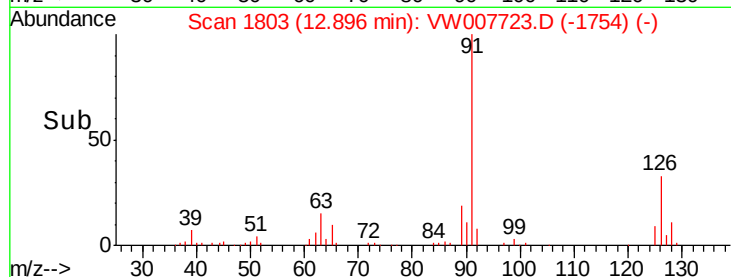
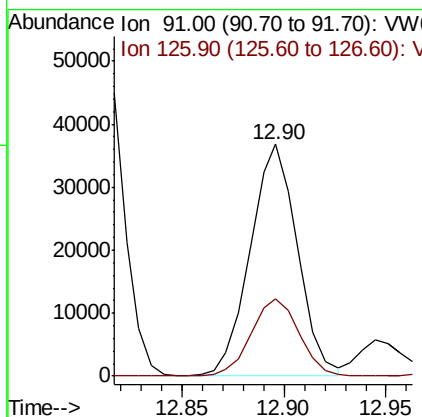
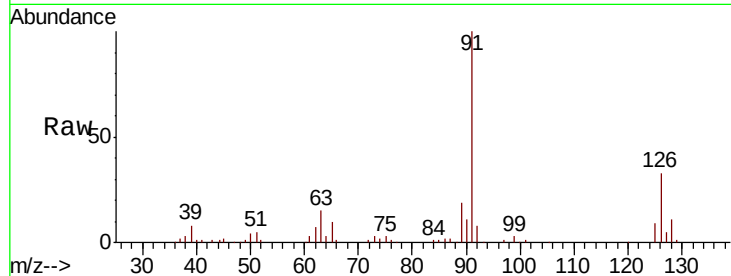
#79
 2-Chlorotoluene
 Concen: 20.235 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW007723.D
 Acq: 20 Dec 2018 03:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1221SBS02

Tot Ion: 91 Resp: 59099
 Ion Ratio Lower Upper
 91 100
 126 34.1 17.0 51.0

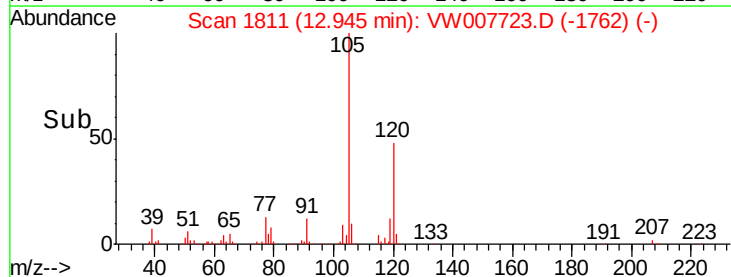
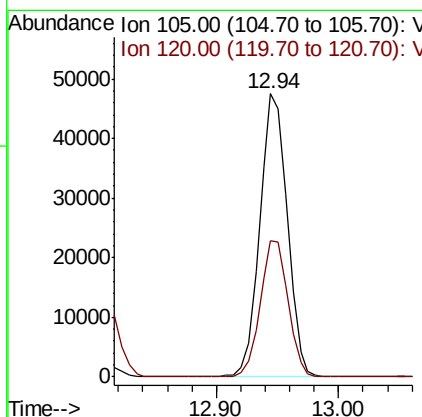
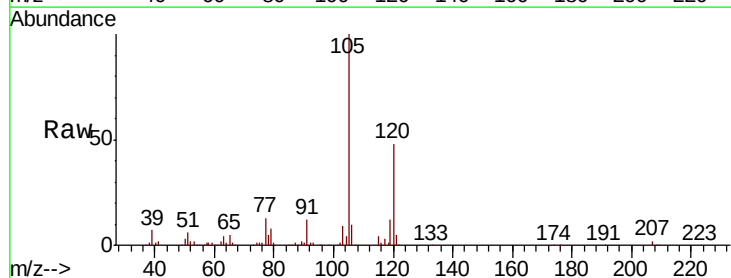
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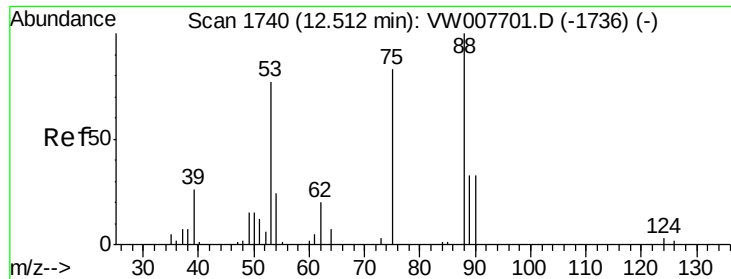
apatel
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#80
 1,3,5-Trimethylbenzene
 Concen: 20.102 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW007723.D
 Acq: 20 Dec 2018 03:48

Tgt Ion:105 Resp: 74680
 Ion Ratio Lower Upper
 105 100
 120 48.7 23.6 70.8





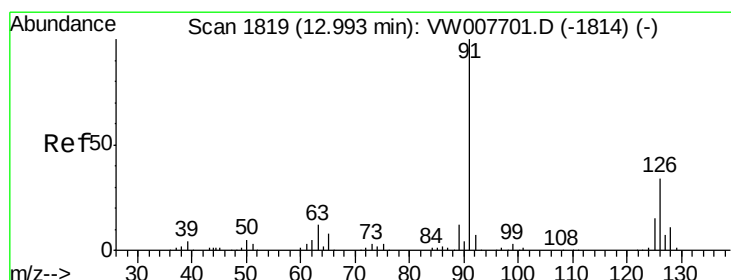
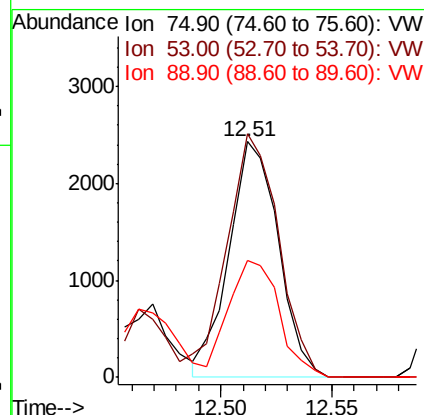
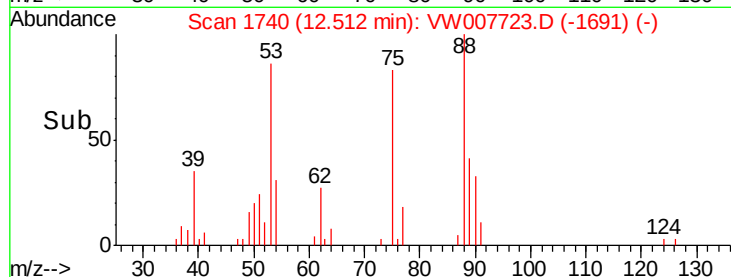
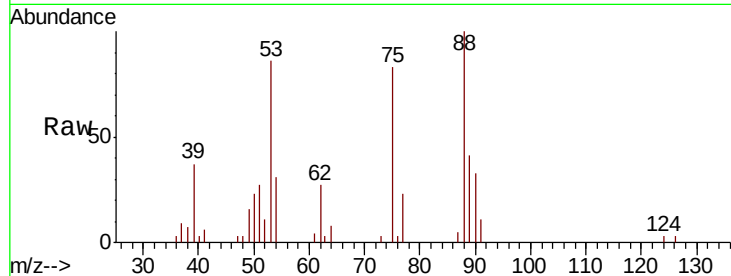
#81
trans-1,4-Dichloro-2-butene
Concen: 17.874 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW007723.D
Acq: 20 Dec 2018 03:48

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	109.3	80.2	120.2
89	50.6	39.2	58.8

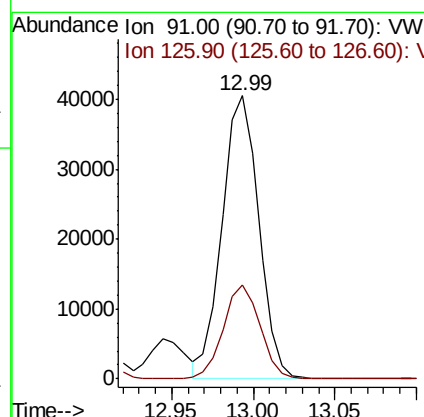
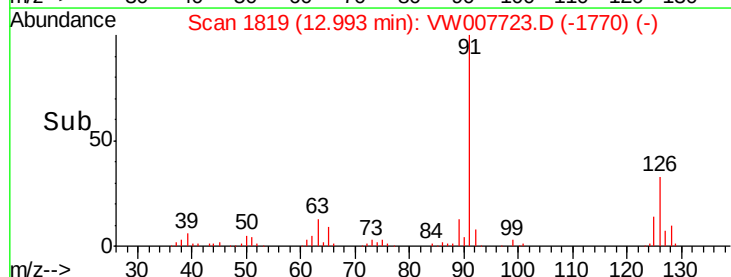
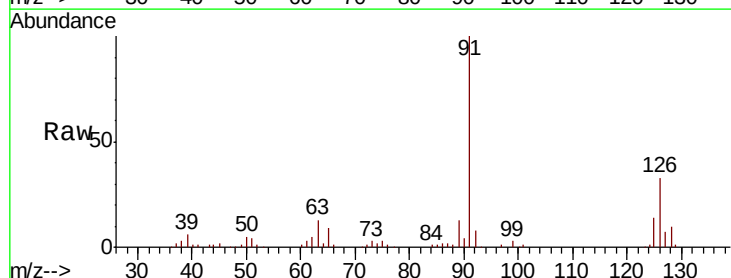
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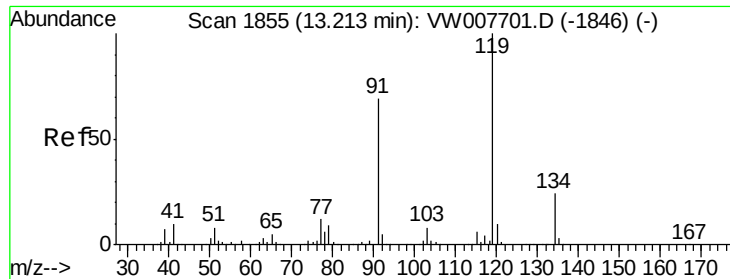
apatel
12/20/2018 11:20:25 AM



#82
4-Chlorotoluene
Concen: 20.471 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW007723.D
Acq: 20 Dec 2018 03:48

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.1	16.5	49.5





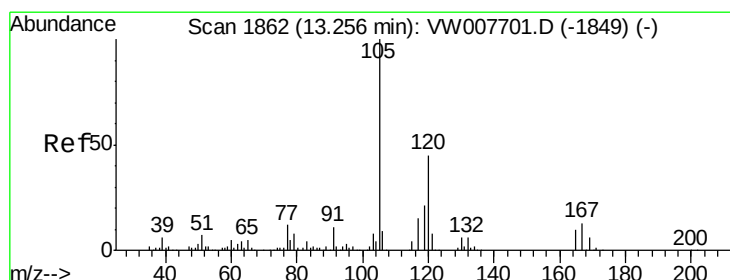
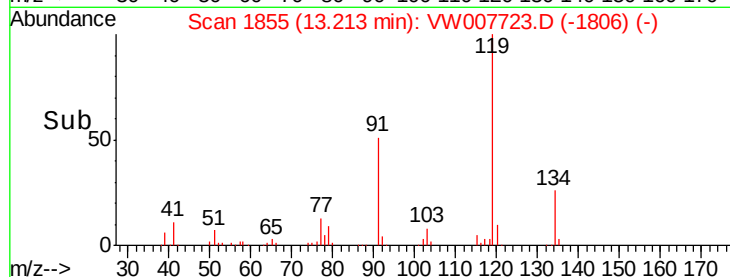
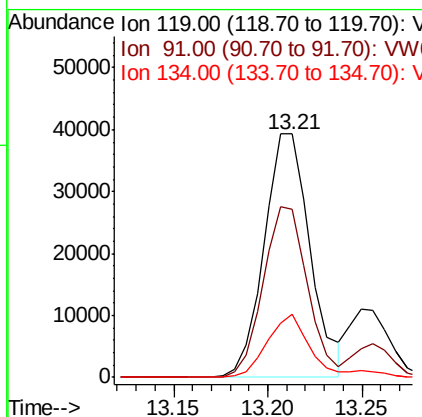
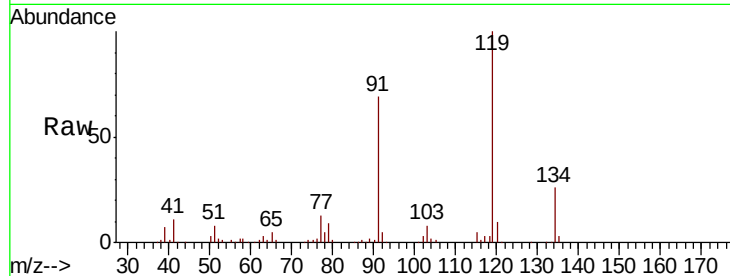
#83
tert-Butylbenzene
Concen: 20.439 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW007723.D
Acq: 20 Dec 2018 03:48

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS02

Tot Ion	Ratio	Lower	Upper
119	100		
91	67.6	34.2	102.5
134	25.3	12.8	38.4

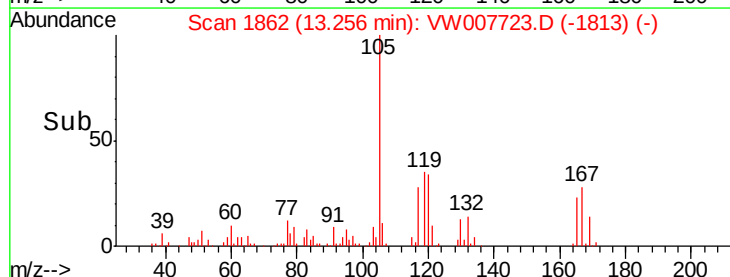
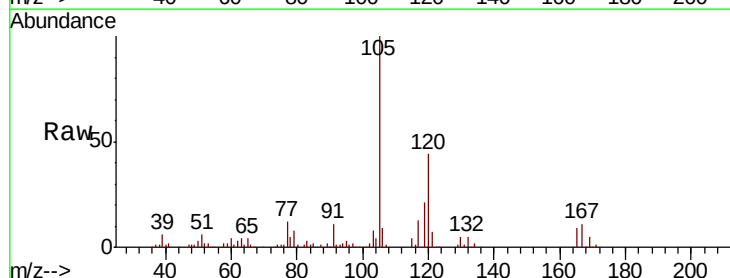
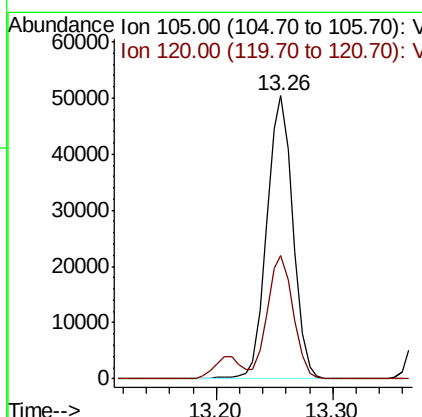
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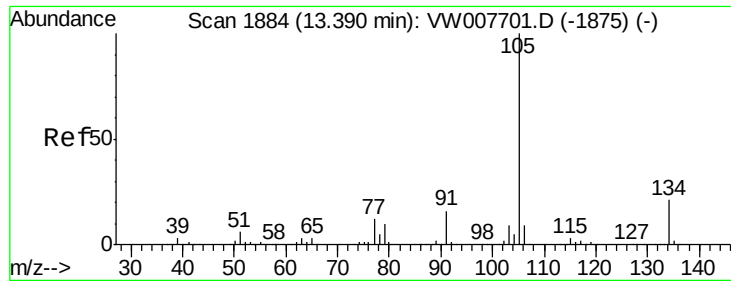
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#84
1,2,4-Trimethylbenzene
Concen: 20.957 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW007723.D
Acq: 20 Dec 2018 03:48

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.4	22.0	66.0





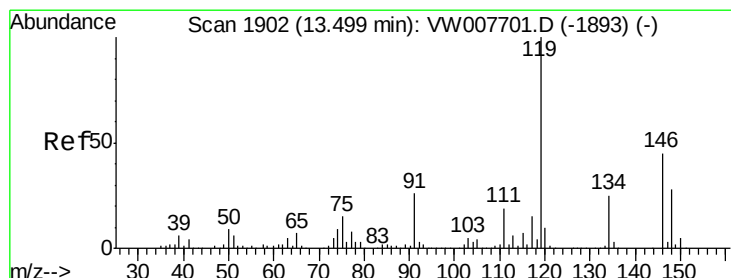
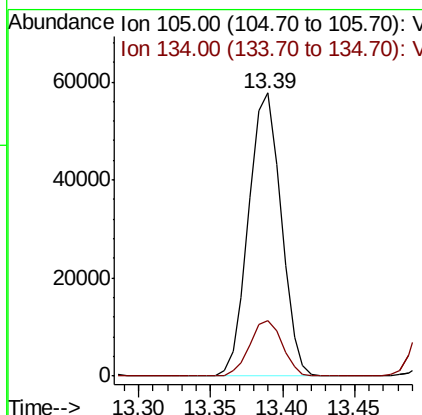
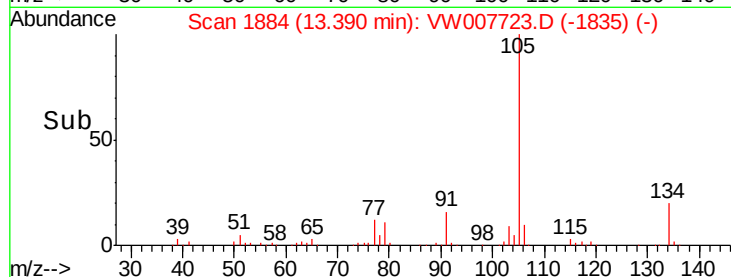
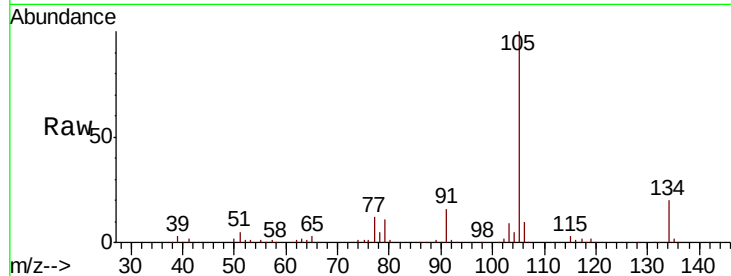
#85
 sec-Butylbenzene
 Concen: 20.136 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW007723.D
 Acq: 20 Dec 2018 03:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1221SBS02

Tot Ion:105 Resp: 90460
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.2 30.4

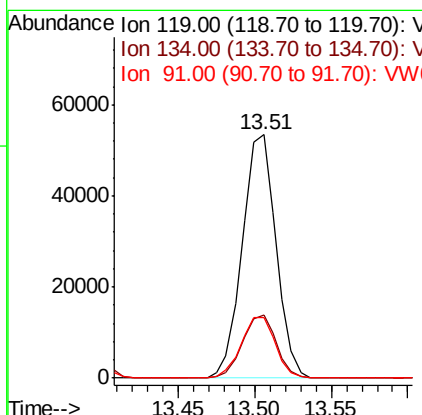
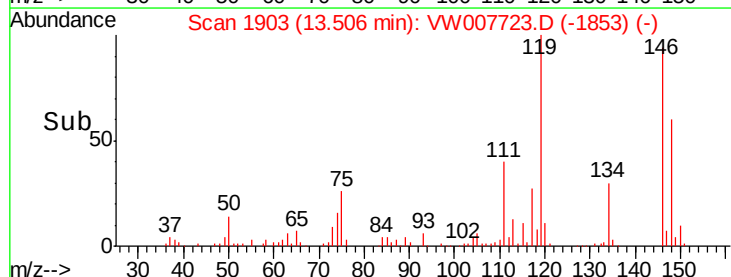
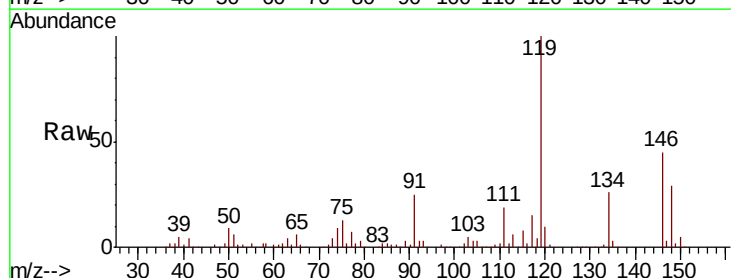
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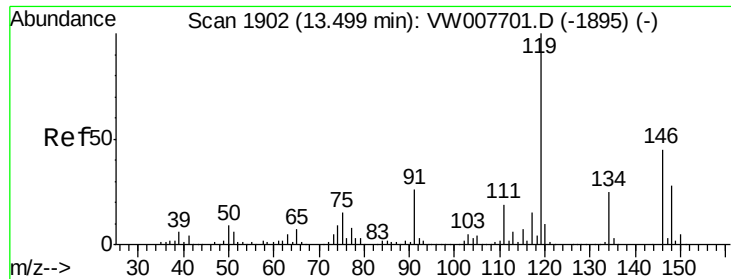
apatel
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#86
 p-Isopropyltoluene
 Concen: 20.014 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: VW007723.D
 Acq: 20 Dec 2018 03:48

Tgt Ion:119 Resp: 81758
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.0 39.0
 91 25.6 12.8 38.4





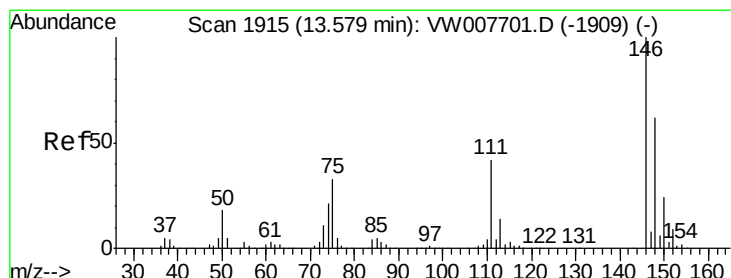
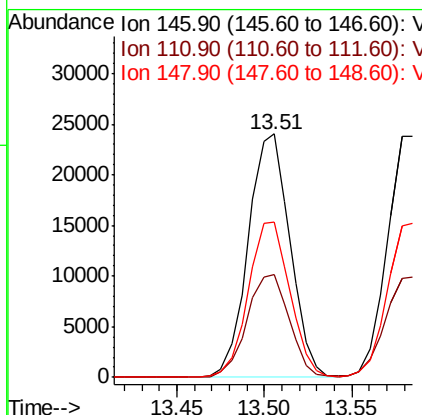
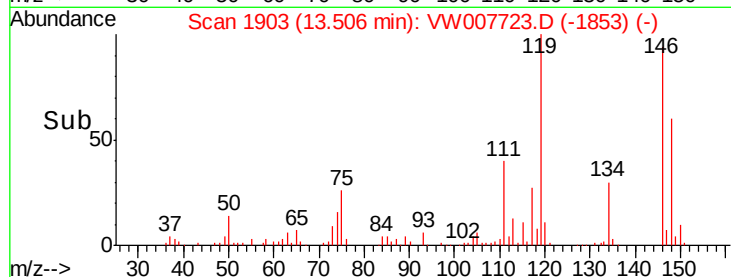
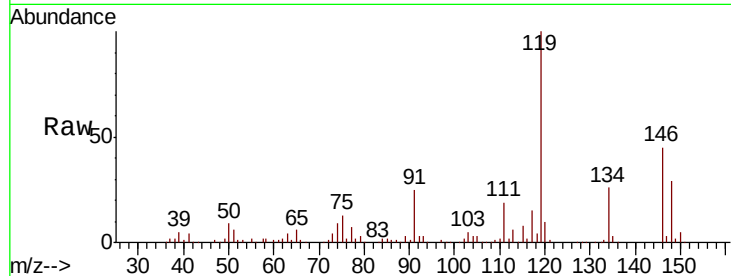
#87
 1,3-Dichlorobenzene
 Concen: 20.289 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: VW007723.D
 Acq: 20 Dec 2018 03:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1221SBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.9	21.1	63.4
148	63.6	32.1	96.5

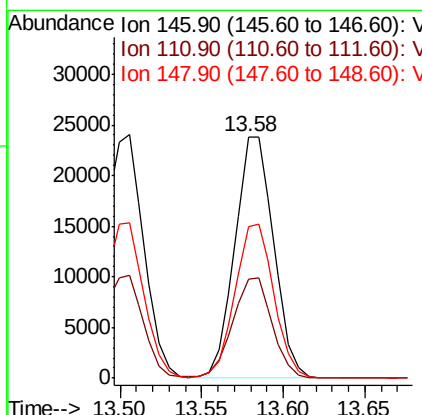
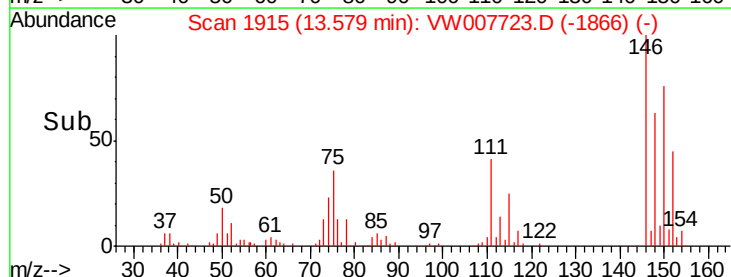
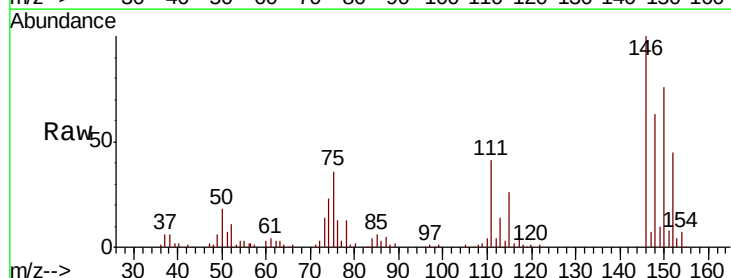
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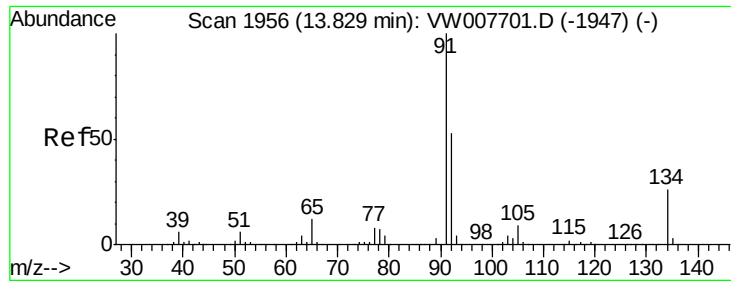
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#88
 1,4-Dichlorobenzene
 Concen: 20.161 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW007723.D
 Acq: 20 Dec 2018 03:48

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.4	21.0	63.0
148	63.7	31.8	95.4





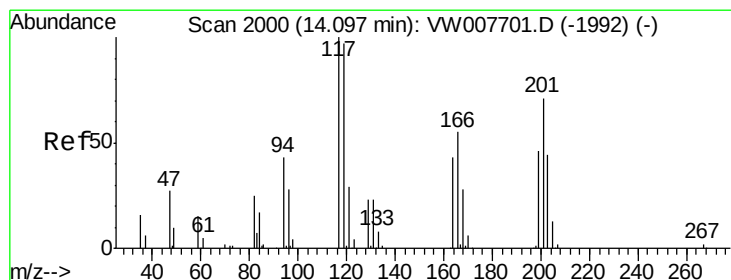
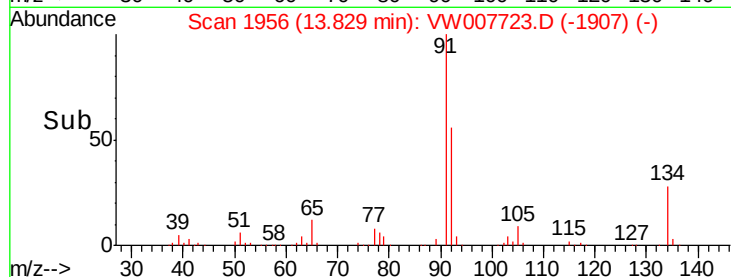
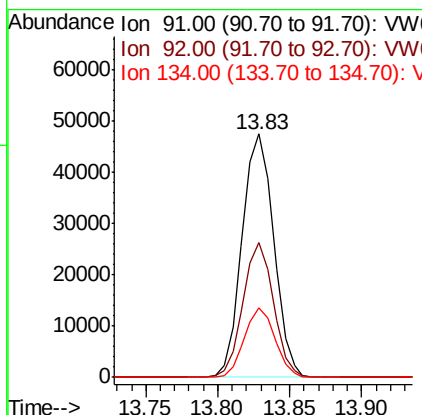
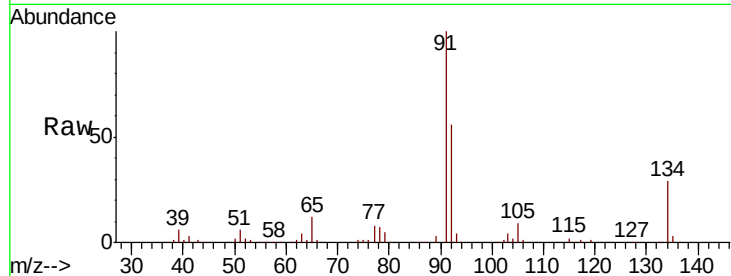
#89
n-Butylbenzene
Concen: 19.347 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW007723.D
Acq: 20 Dec 2018 03:48

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.3	26.4	79.2
134	27.5	13.7	41.0

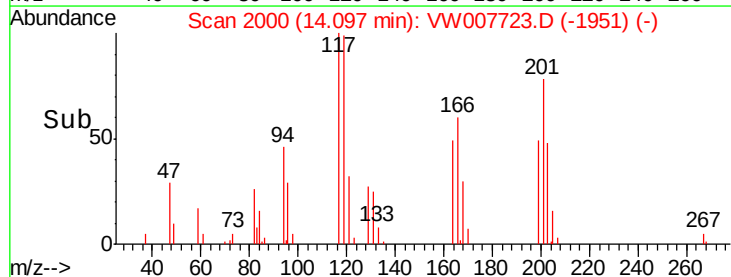
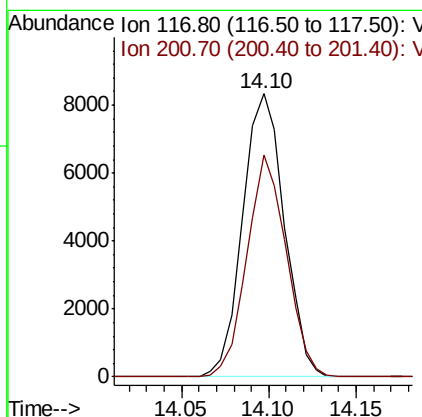
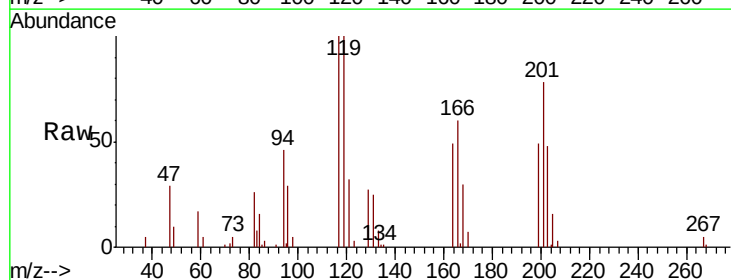
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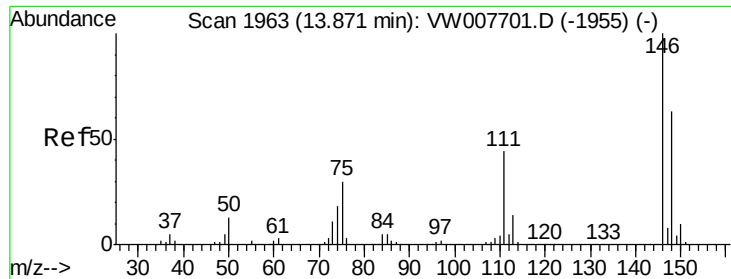
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#90
Hexachloroethane
Concen: 19.254 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW007723.D
Acq: 20 Dec 2018 03:48

Tgt Ion	Ratio	Lower	Upper
117	100		
201	74.0	36.2	108.6





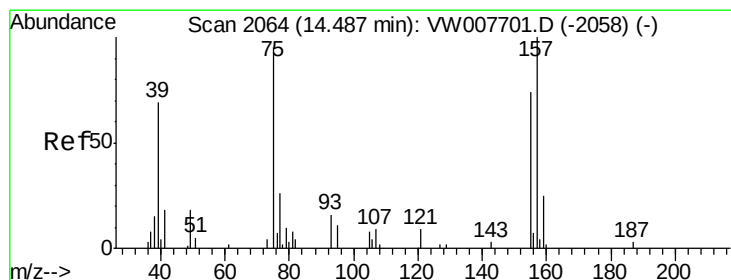
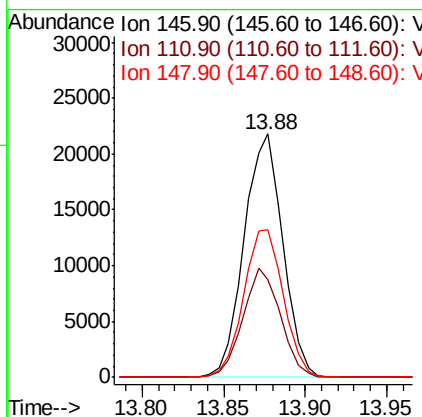
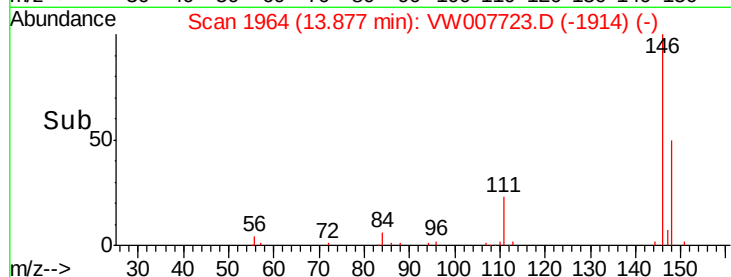
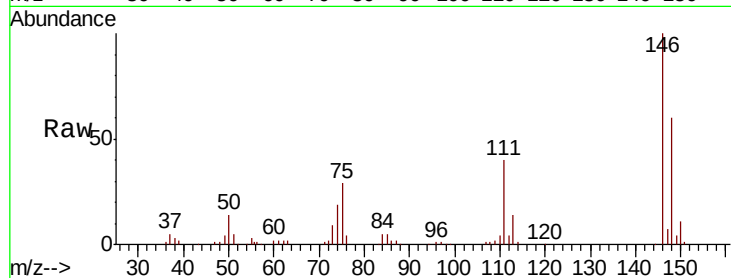
#91
 1,2-Dichlorobenzene
 Concen: 20.478 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.01 min
 Lab File: VW007723.D
 Acq: 20 Dec 2018 03:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1221SBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.5	21.7	65.1
148	62.3	32.1	96.5

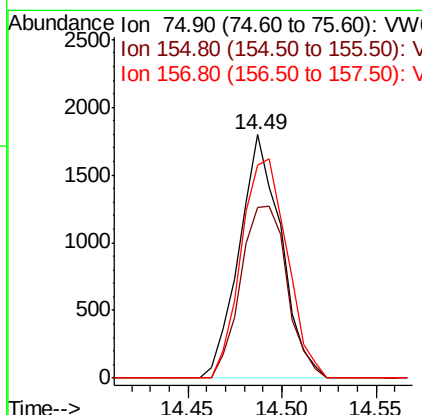
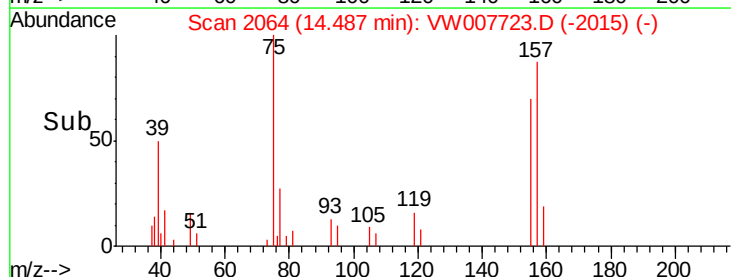
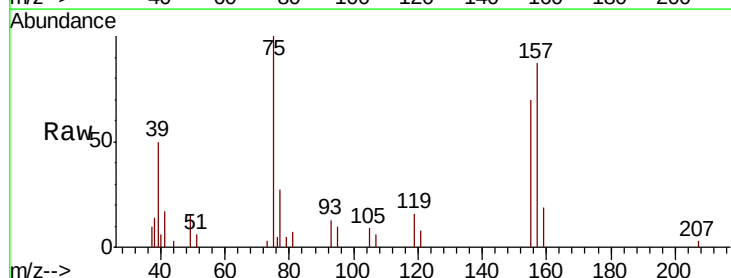
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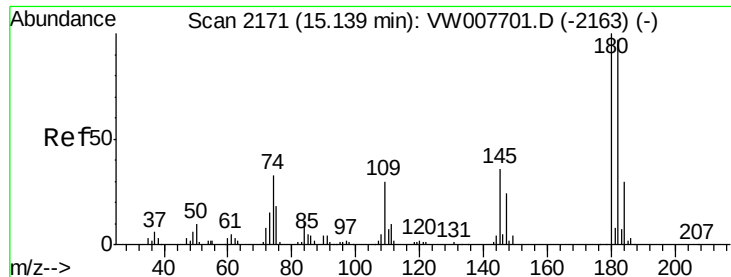
apatel
 12/20/2018 11:20:25 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.895 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW007723.D
 Acq: 20 Dec 2018 03:48

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.1	39.4	118.1
157	98.8	52.0	156.0





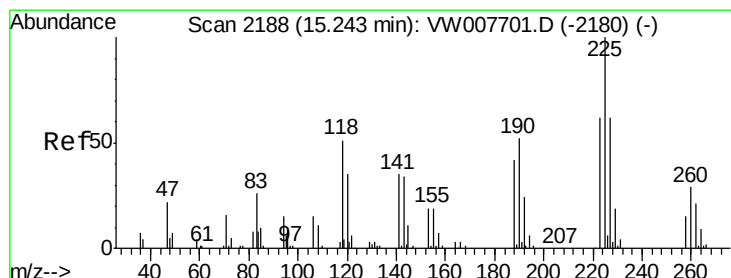
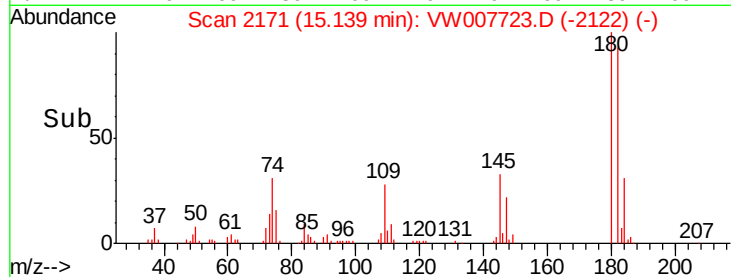
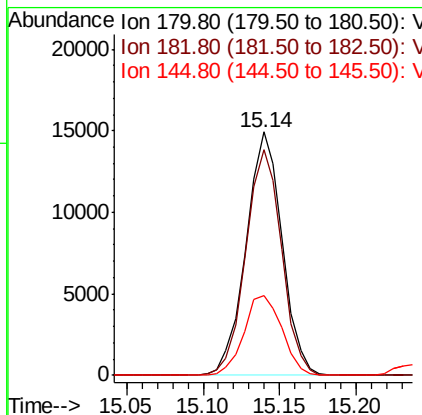
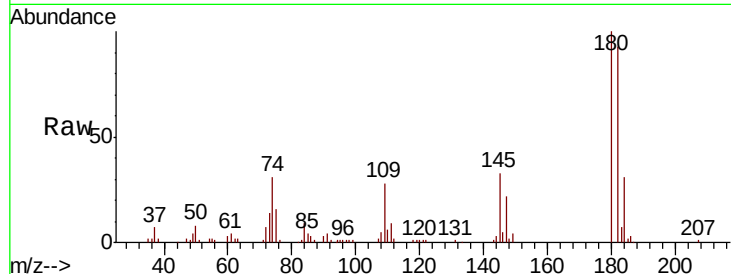
#93
 1,2,4-Trichlorobenzene
 Concen: 20.059 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW007723.D
 Acq: 20 Dec 2018 03:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1221SBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	24431		
182	92.1		47.5	142.6
145	34.5		17.5	52.5

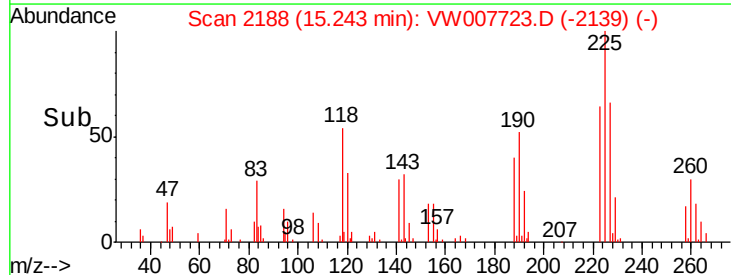
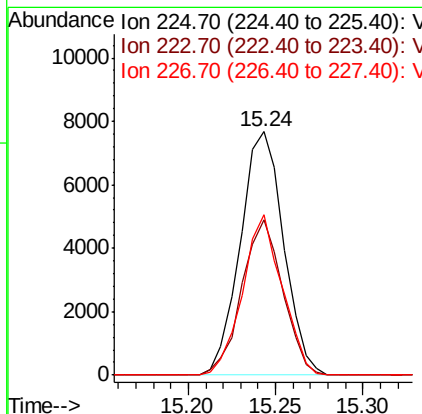
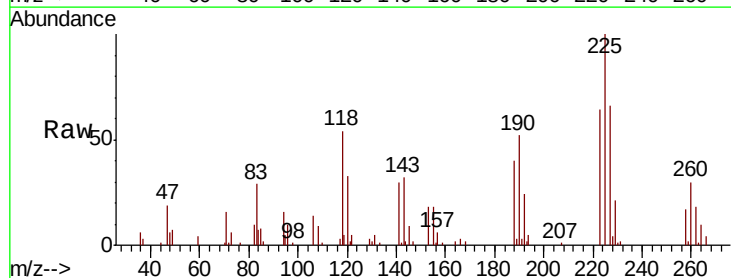
Manual Integrations
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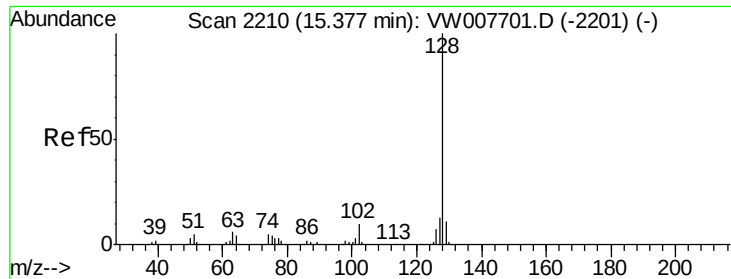
apatel
 12/20/2018 11:20:25 AM



#94
 Hexachlorobutadiene
 Concen: 20.253 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW007723.D
 Acq: 20 Dec 2018 03:48

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	13183		
223	60.2		31.6	94.8
227	60.2		32.1	96.3





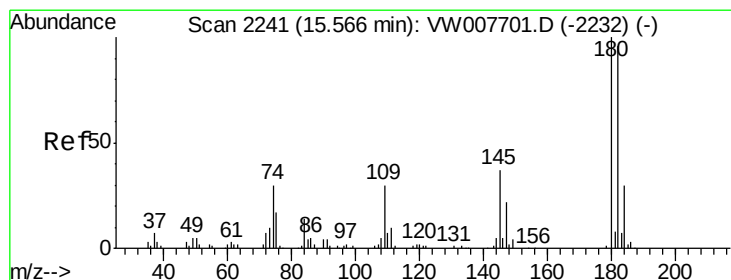
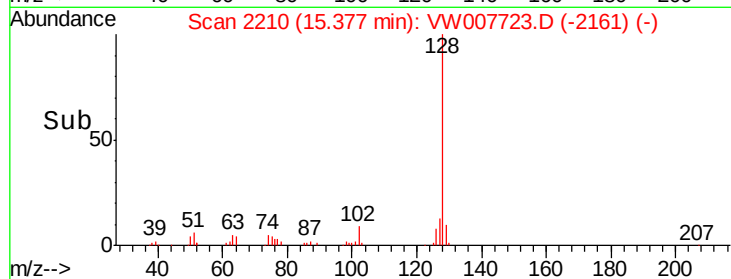
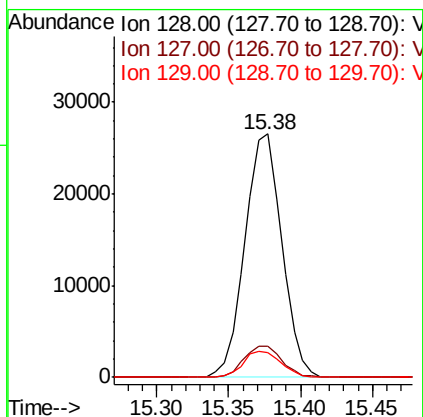
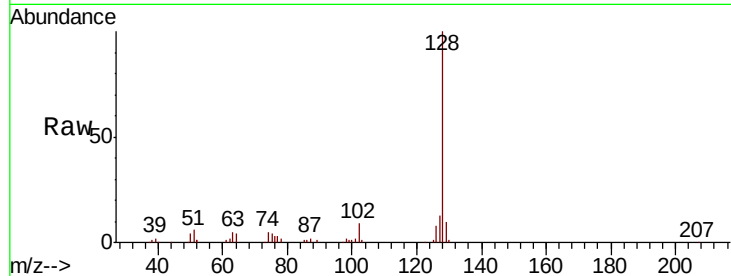
#95
Naphthalene
Concen: 20.928 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW007723.D
Acq: 20 Dec 2018 03:48

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS02

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.7	16.1
129	10.9	8.8	13.2

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 19.853 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.01 min
Lab File: VW007723.D
Acq: 20 Dec 2018 03:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	47.4	142.2
145	36.6	18.4	55.0

