

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV122118\
 Data File : VW007707.D
 Acq On : 19 Dec 2018 18:44
 Operator : SY/AP
 Sample : VW1221SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1221SBS01

Manual Integrations
 APPROVED

apatel
 12/20/2018 11:19:55 AM

Quant Time: Dec 20 07:31:06 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	78144	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	125313	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	113247	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	59303	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	44150	51.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.10%	
35) Dibromofluoromethane	7.88	113	39187	51.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.52%	
50) Toluene-d8	10.32	98	148913	51.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.34%	
62) 4-Bromofluorobenzene	12.62	95	56764	50.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	13775	19.829	ug/l	98
3) Chloromethane	2.21	50	8807	20.646	ug/l	98
4) Vinyl Chloride	2.36	62	10905	20.082	ug/l	92
5) Bromomethane	2.78	94	7621	20.150	ug/l	95
6) Chloroethane	2.92	64	5683	19.562	ug/l	99
7) Trichlorofluoromethane	3.26	101	10286	18.194	ug/l	96
8) Diethyl Ether	3.68	74	7290	21.053	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	16149	19.396	ug/l	97
10) Methyl Iodide	4.26	142	25839	19.515	ug/l	99
11) Tert butyl alcohol	5.17	59	6474	112.051	ug/l #	93
12) 1,1-Dichloroethene	4.03	96	15449	20.038	ug/l	99
13) Acrolein	3.89	56	4691	101.545	ug/l	93
14) Allyl chloride	4.66	41	20299	20.077	ug/l	99
15) Acrylonitrile	5.37	53	14335	97.049	ug/l	100
16) Acetone	4.12	43	15123	94.291	ug/l	98
17) Carbon Disulfide	4.37	76	45952	19.260	ug/l	98
18) Methyl Acetate	4.67	43	7348	19.264	ug/l	97
19) Methyl tert-butyl Ether	5.42	73	22933	20.719	ug/l	98
20) Methylene Chloride	4.90	84	18391	19.022	ug/l #	95
21) trans-1,2-Dichloroethene	5.42	96	16883	19.911	ug/l	96
22) Diisopropyl ether	6.31	45	38451	20.311	ug/l	95
23) Vinyl Acetate	6.25	43	112578	100.090	ug/l	100
24) 1,1-Dichloroethane	6.21	63	27703	19.892	ug/l	99
25) 2-Butanone	7.17	43	17653	93.969	ug/l	96
26) 2,2-Dichloropropane	7.16	77	20987	20.593	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	18260	20.213	ug/l	99
28) Bromochloromethane	7.51	49	9585	20.185	ug/l	93
29) Tetrahydrofuran	7.53	42	10697	95.462	ug/l	98
30) Chloroform	7.67	83	31933	20.261	ug/l	100
31) Cyclohexane	7.95	56	25007	19.613	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	29093	20.268	ug/l	98
36) 1,1-Dichloropropene	8.08	75	24090	19.917	ug/l	99
37) Ethyl Acetate	7.25	43	8185	19.609	ug/l	99
38) Carbon Tetrachloride	8.07	117	27733	19.470	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	30203	20.096	ug/l	99
40) Benzene	8.32	78	65520	20.300	ug/l	98
41) Methacrylonitrile	7.48	41	4609	19.448	ug/l	96
42) 1,2-Dichloroethane	8.40	62	21582	19.954	ug/l	100
43) Isopropyl Acetate	8.43	43	16502	19.733	ug/l	97
44) Trichloroethene	9.09	130	19409	19.885	ug/l	96
45) 1,2-Dichloropropane	9.37	63	14666	20.479	ug/l	98
46) Dibromomethane	9.46	93	8964	20.334	ug/l	95
47) Bromodichloromethane	9.65	83	22736	19.618	ug/l	99
48) Methyl methacrylate	9.44	41	7565m	18.123	ug/l	
49) 1,4-Dioxane	9.45	88	2664	381.148	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	37454	94.768	ug/l	100
52) Toluene	10.39	92	44668	20.628	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	22958	19.916	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	25751	20.224	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	12442	20.472	ug/l	96
56) Ethyl methacrylate	10.65	69	14191	19.763	ug/l	99
57) 1,3-Dichloropropane	10.93	76	19933	19.752	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.93	63	33052	100.816	ug/l	97
59) 2-Hexanone	10.97	43	26678	95.983	ug/l	98
60) Dibromochloromethane	11.13	129	15778	19.607	ug/l	99
61) 1,2-Dibromoethane	11.23	107	11894	19.326	ug/l	99
64) Tetrachloroethene	10.87	164	15653	19.519	ug/l	96
65) Chlorobenzene	11.66	112	50062	20.424	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	17969	20.516	ug/l	99
67) Ethyl Benzene	11.73	91	85624	20.357	ug/l	96
68) m/p-Xylenes	11.84	106	66547	40.786	ug/l	99
69) o-Xylene	12.17	106	31331	20.485	ug/l	99
70) Styrene	12.18	104	51851	20.624	ug/l	99
71) Bromoform	12.35	173	8891	19.555	ug/l #	99
73) Isopropylbenzene	12.47	105	89253	19.911	ug/l	99
74) N-amyl acetate	12.27	43	14986	19.300	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	12769	18.999	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	10263m	22.391	ug/l	
77) Bromobenzene	12.75	156	20839	20.285	ug/l	95
78) n-propylbenzene	12.81	91	103786	19.890	ug/l	100
79) 2-Chlorotoluene	12.90	91	60346	19.852	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	77903	20.148	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	4104	18.795	ug/l	98
82) 4-Chlorotoluene	12.99	91	63083	19.490	ug/l	98
83) tert-Butylbenzene	13.21	119	67582	19.920	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	78692	20.169	ug/l	100
85) sec-Butylbenzene	13.39	105	93089	19.909	ug/l	100
86) p-Isopropyltoluene	13.51	119	85418	20.090	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	40327	19.771	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	40666	19.931	ug/l	99
89) n-Butylbenzene	13.83	91	78956	20.254	ug/l	99
90) Hexachloroethane	14.10	117	14177	18.993	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	36516	19.995	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2503	18.134	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	24795	19.559	ug/l	100
94) Hexachlorobutadiene	15.24	225	13388	19.762	ug/l	99
95) Naphthalene	15.38	128	44506	18.989	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	21005	19.357	ug/l	99

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

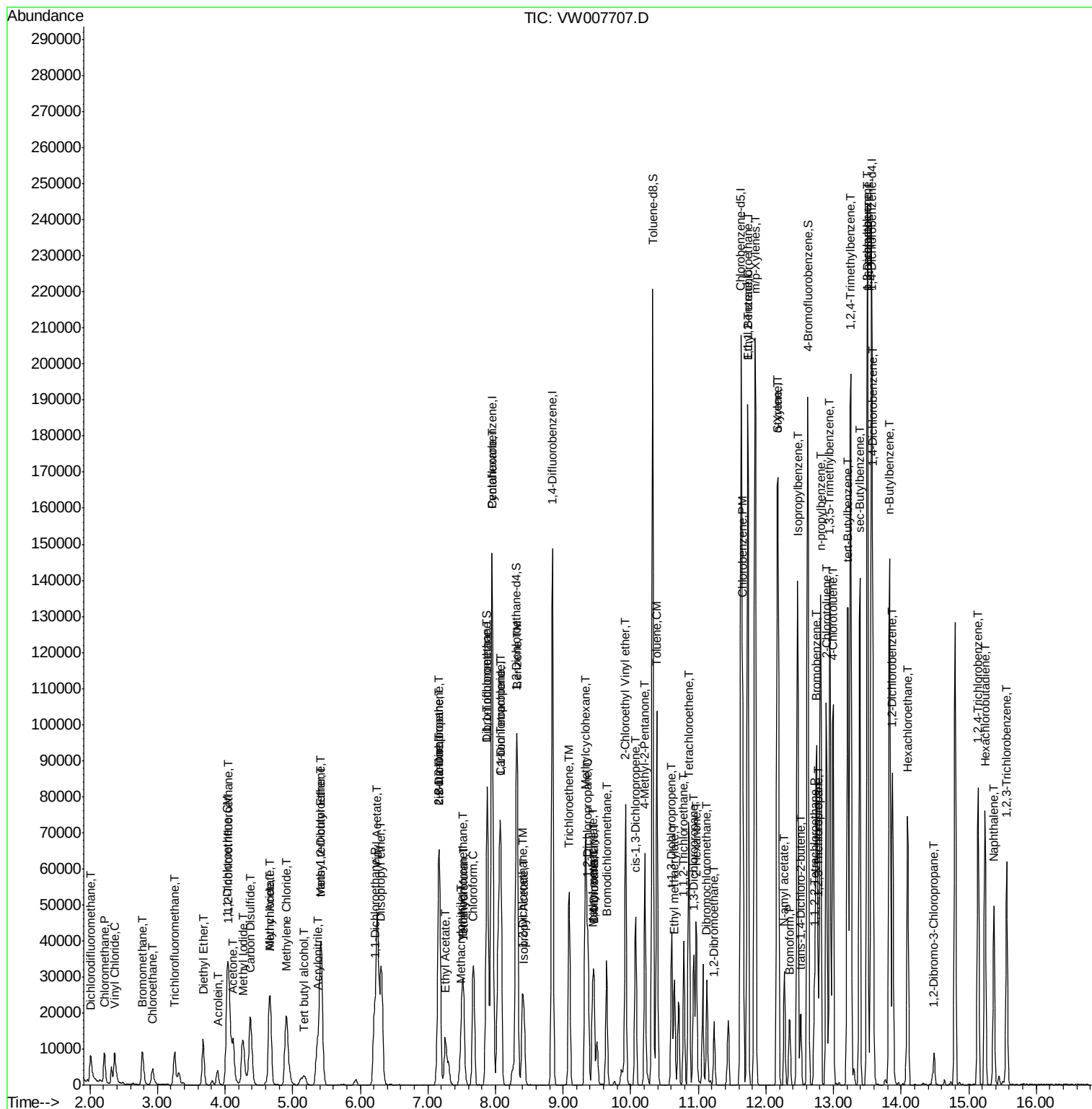
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Data File : VW007707.D
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Operator : SY/AP
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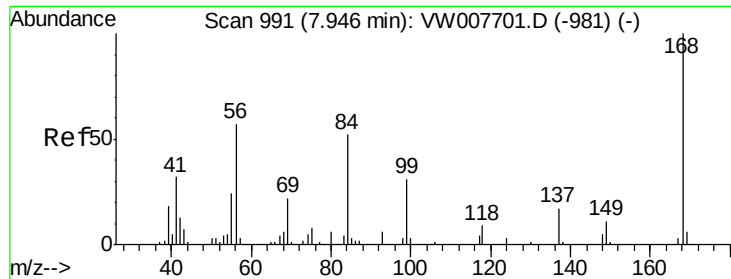
Instrument :
MSVOA_W
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW007707.D

Acq: 19 Dec 2018 18:44

Instrument :

MSVOA_W

ClientSampleId :

VW1221SBS01

Tot Ion:168 Resp: 78144

Ion Ratio Lower Upper

168 100

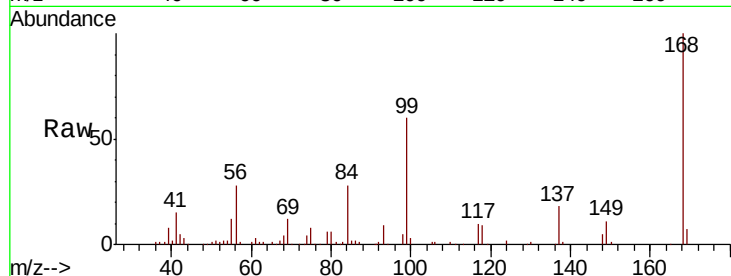
99 60.2 54.0 81.0

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

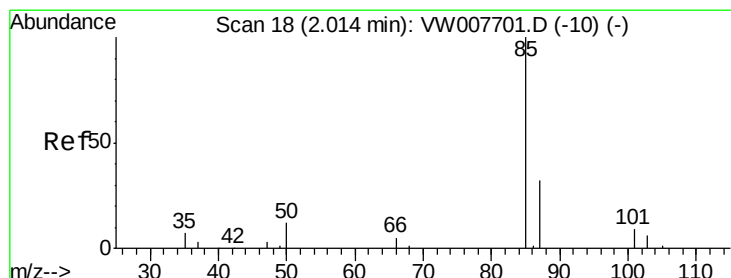
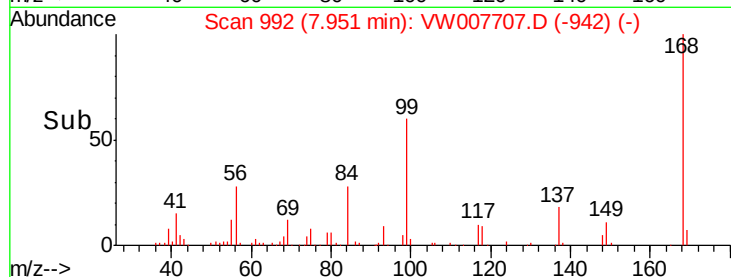
20000

10000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 19.829 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW007707.D

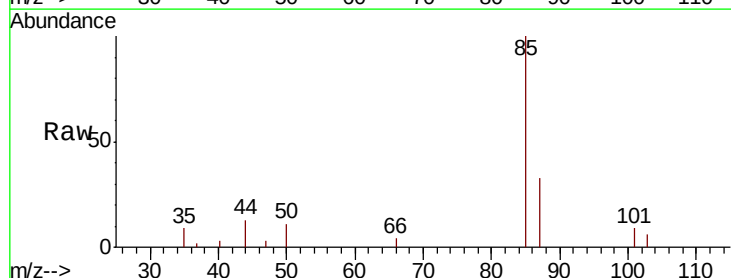
Acq: 19 Dec 2018 18:44

Tgt Ion: 85 Resp: 13775

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

5000

4000

3000

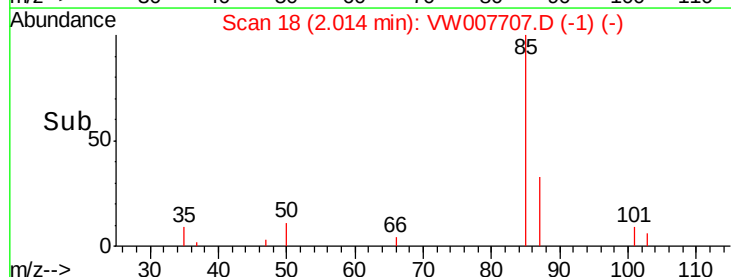
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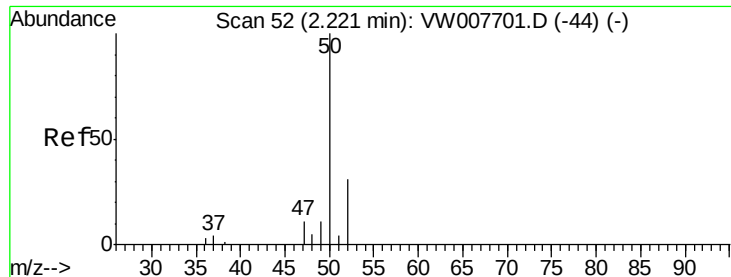
1000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 20.646 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW007707.D

Acq: 19 Dec 2018 18:44

Instrument :

MSVOA_W

ClientSampleId :

VW1221SBS01

Tot Ion: 50 Resp: 8807

Ion Ratio Lower Upper

50 100

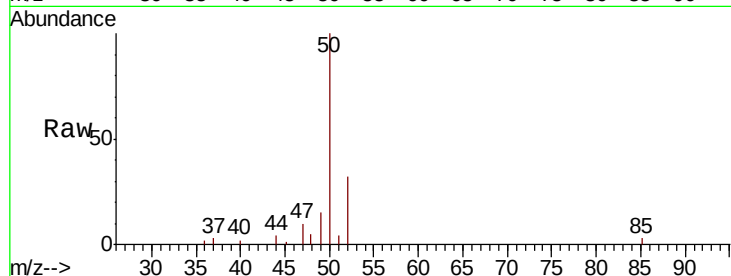
52 32.3 25.1 37.7

Manual Integrations

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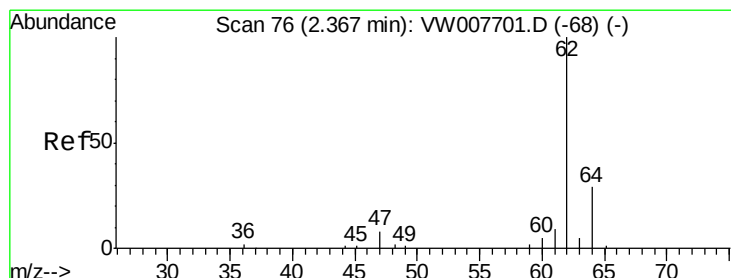
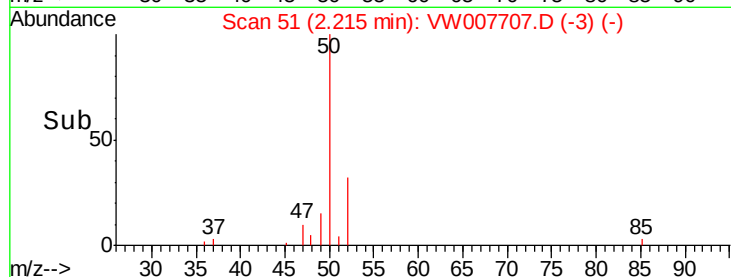
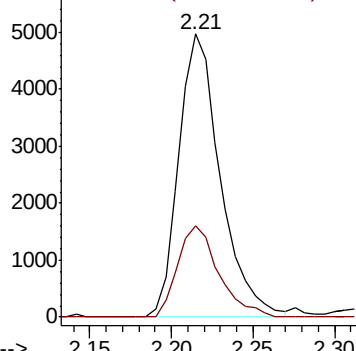
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Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 20.082 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.01 min

Lab File: VW007707.D

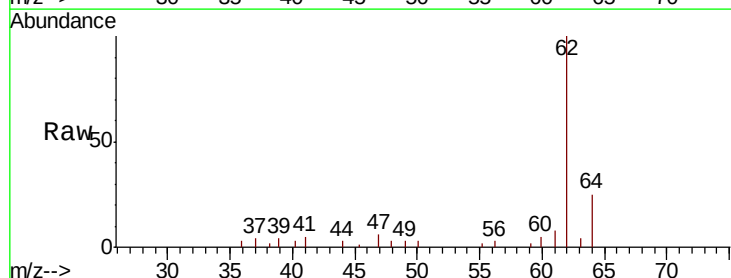
Acq: 19 Dec 2018 18:44

Tgt Ion: 62 Resp: 10905

Ion Ratio Lower Upper

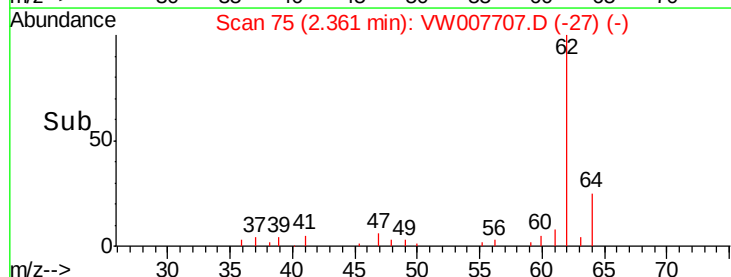
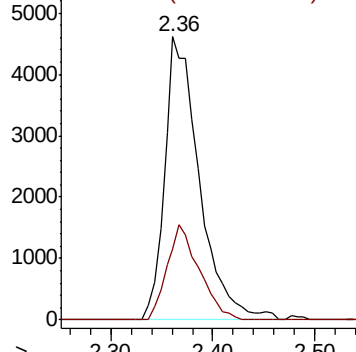
62 100

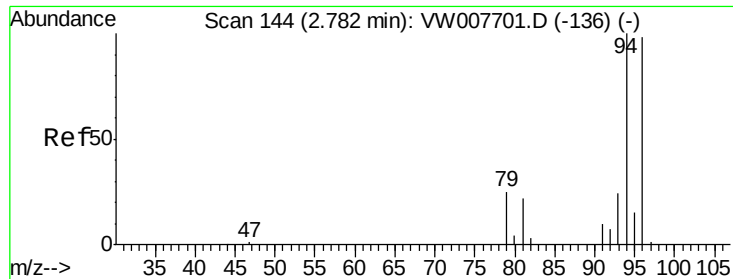
64 25.0 23.4 35.0



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 20.150 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW007707.D

Acq: 19 Dec 2018 18:44

Instrument :

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Tot Ion: 94 Resp: 7621

Ion Ratio Lower Upper

94 100

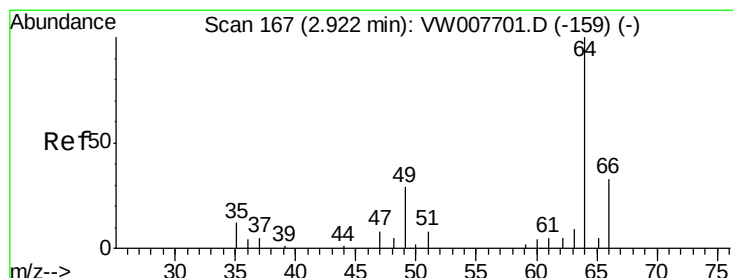
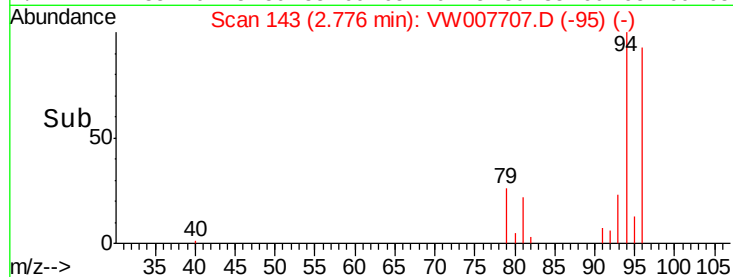
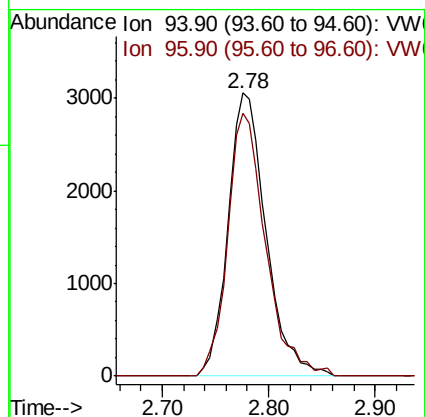
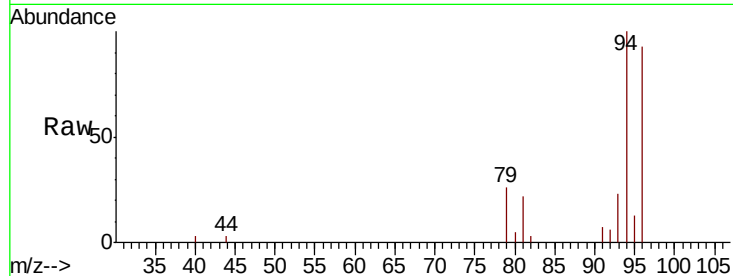
96 92.7 78.2 117.2

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#6

Chloroethane

Concen: 19.562 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.00 min

Lab File: VW007707.D

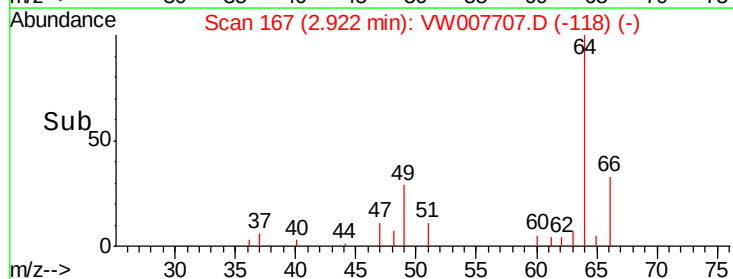
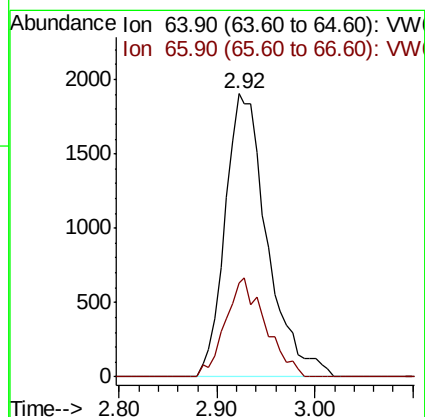
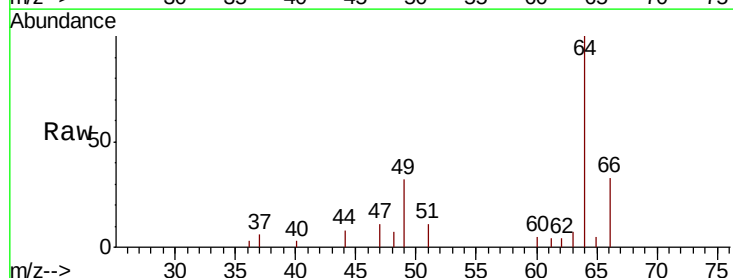
Acq: 19 Dec 2018 18:44

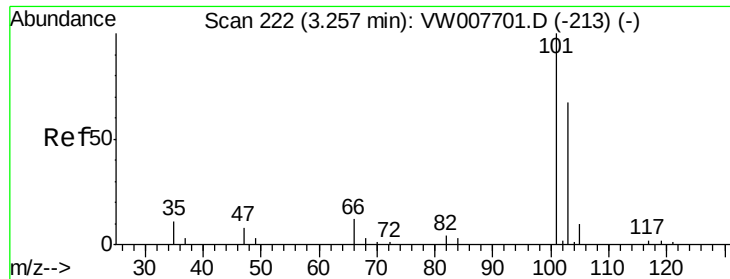
Tgt Ion: 64 Resp: 5683

Ion Ratio Lower Upper

64 100

66 33.4 26.2 39.4





#7

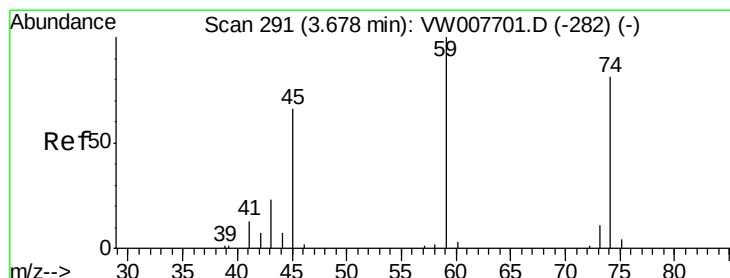
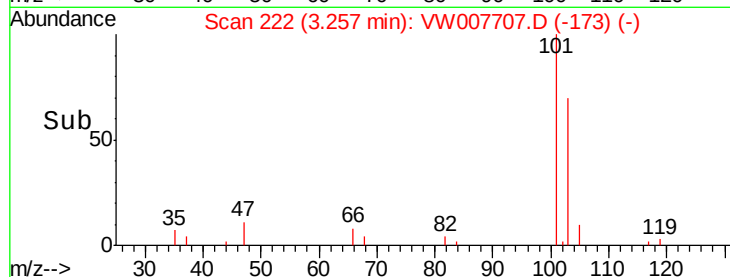
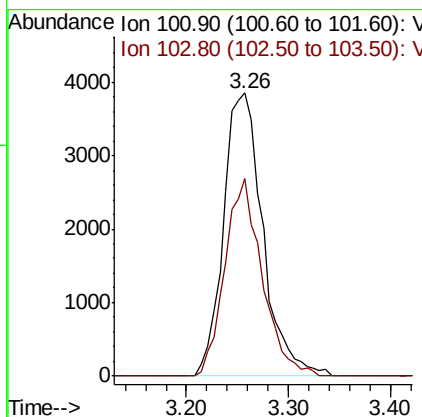
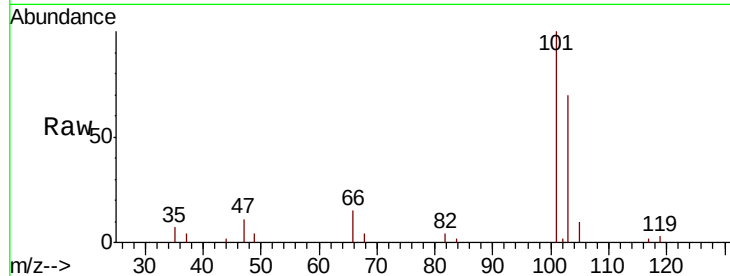
Trichlorofluoromethane
Concen: 18.194 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.00 min
Lab File: VW007707.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	69.9	53.4	80.2

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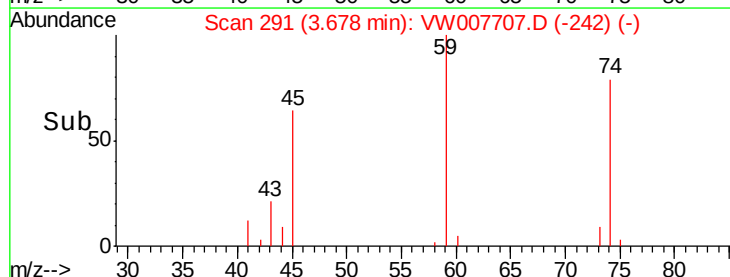
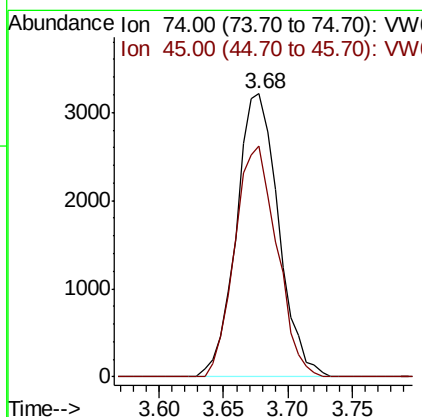
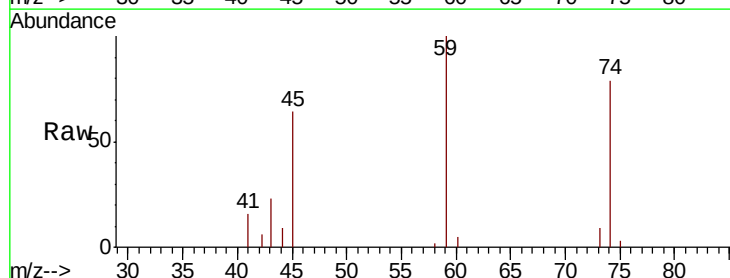
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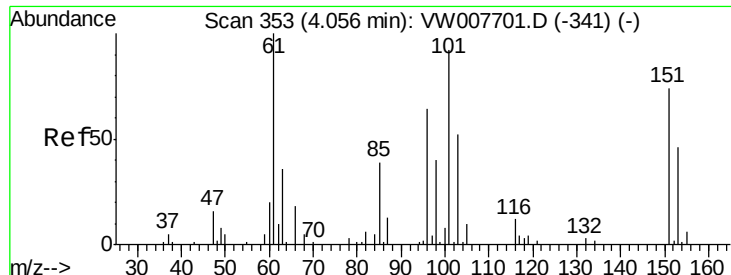


#8

Diethyl Ether
Concen: 21.053 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.00 min
Lab File: VW007707.D
Acq: 19 Dec 2018 18:44

Tgt Ion	Ratio	Lower	Upper
74	100		
45	81.4	39.4	118.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.396 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.00 min

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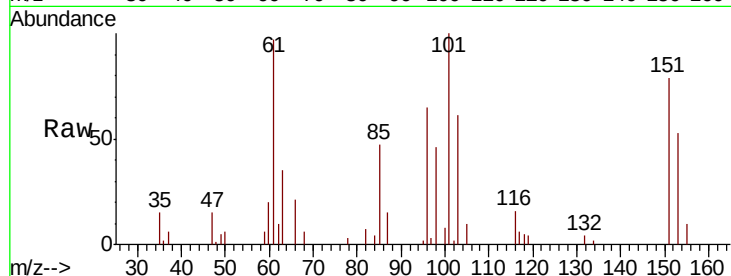
ClientSampleId :

VW1221SBS01

Tot Ion:	101	Resp:	16149
Ion Ratio	Lower	Upper	
101	100		
85	39.4	34.3	51.5
151	81.6	64.6	96.8

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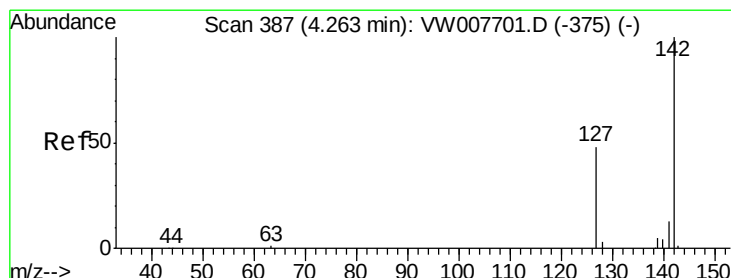
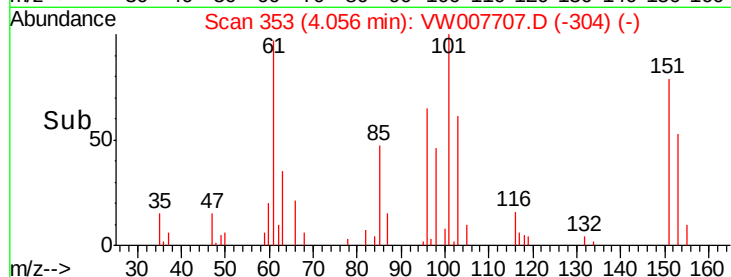
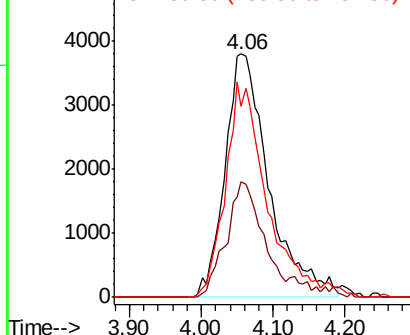


Abundance

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: 19.515 ug/l

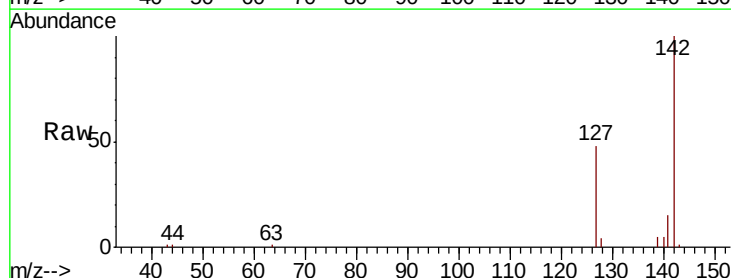
RT: 4.26 min Scan# 387

Delta R.T. -0.00 min

Lab File: VW007707.D

Acq: 19 Dec 2018 18:44

Tgt Ion:	142	Resp:	25839
Ion Ratio	Lower	Upper	
142	100		
127	47.3	37.7	56.5
141	14.8	11.5	17.3

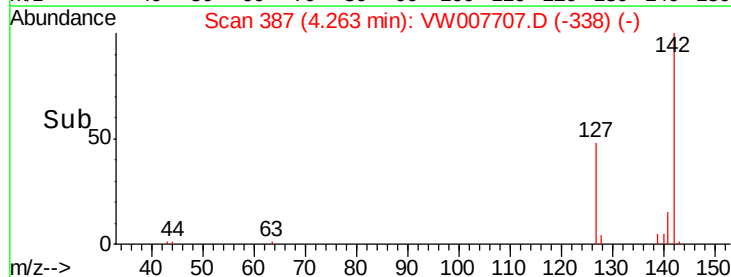
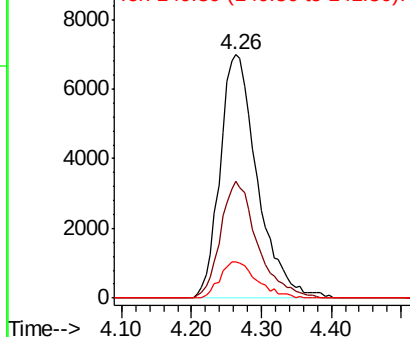


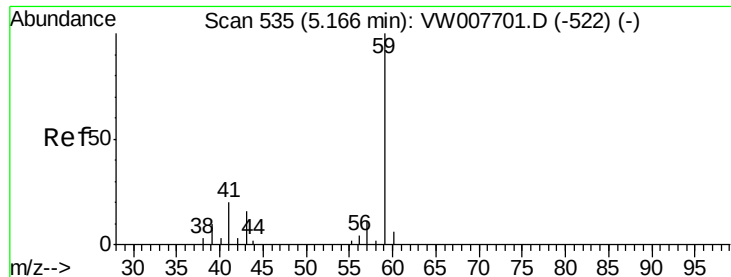
Abundance

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

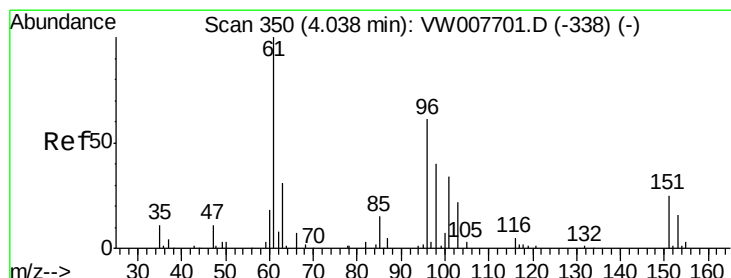
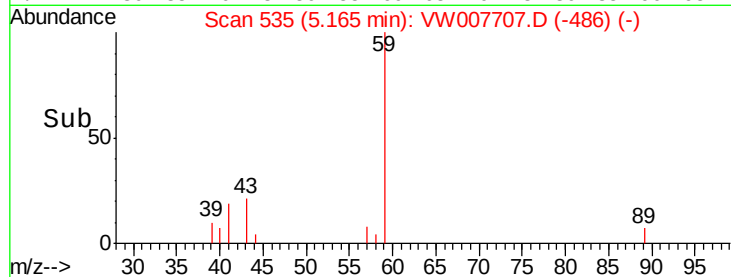
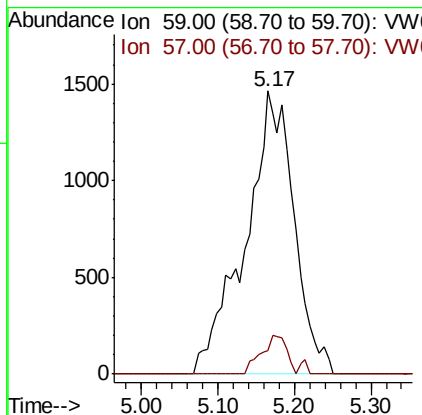
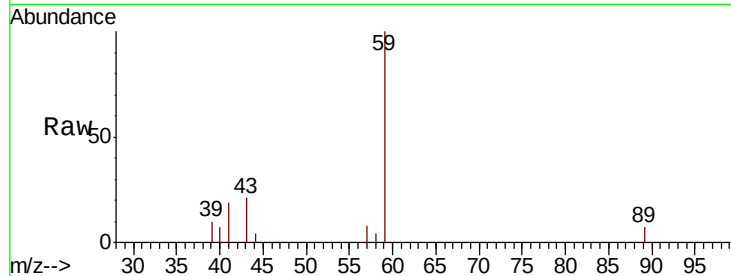
Tert butyl alcohol
 Concen: 112.051 ug/l
 RT: 5.17 min Scan# 535
 Delta R.T. -0.00 min
 Lab File: VW007707.D
 Acq: 19 Dec 2018 18:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1221SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	7.1	7.8	11.8#

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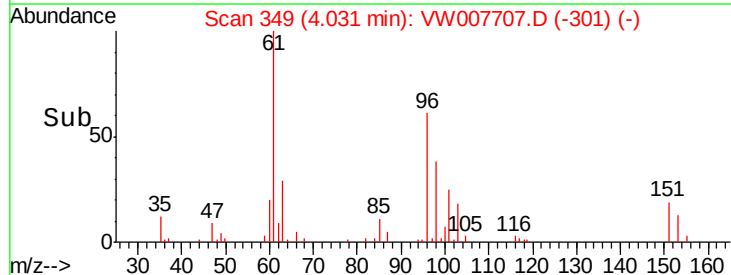
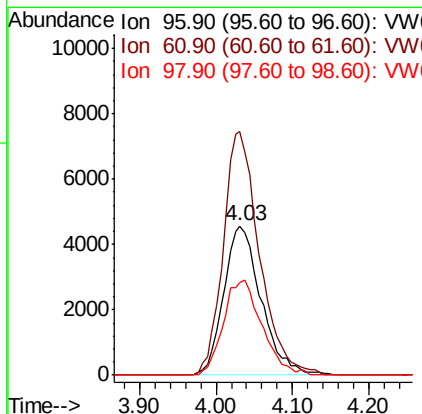
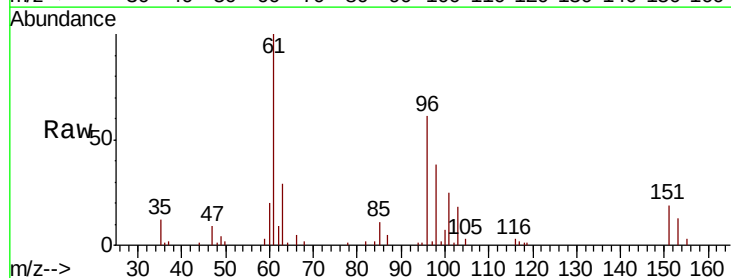
apatel
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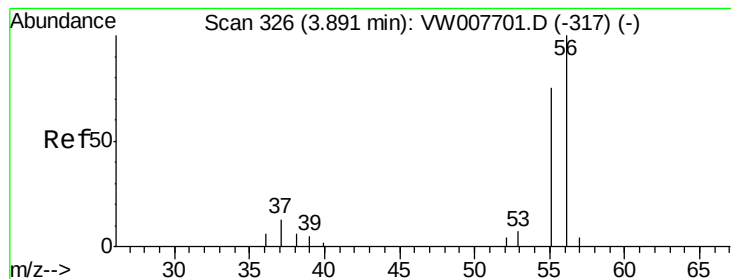


#12

1,1-Dichloroethene
 Concen: 20.038 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW007707.D
 Acq: 19 Dec 2018 18:44

Tgt Ion	Ratio	Lower	Upper
96	100		
61	163.1	130.6	195.8
98	62.1	52.3	78.5





#13

Acrolein

Concen: 101.545 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW007707.D

Acq: 19 Dec 2018 18:44

Instrument :

MSVOA_W

ClientSampleId :

VW1221SBS01

Tot Ion: 56 Resp: 4691

Ion Ratio Lower Upper

56 100

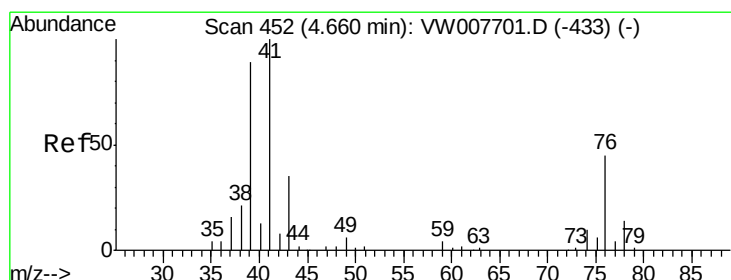
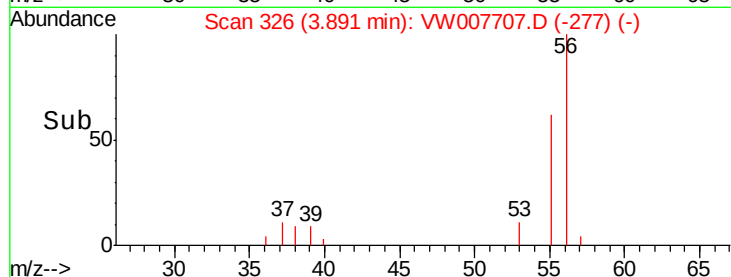
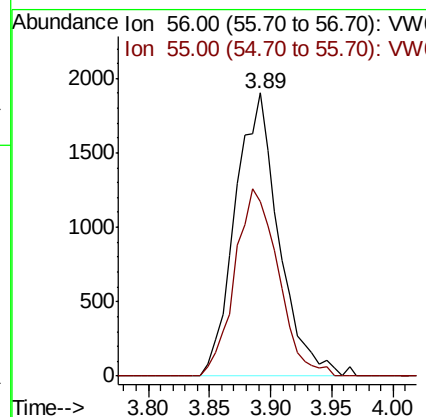
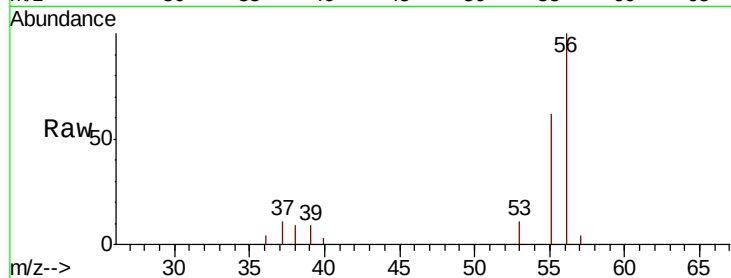
55 66.1 57.7 86.5

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#14

Allyl chloride

Concen: 20.077 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.00 min

Lab File: VW007707.D

Acq: 19 Dec 2018 18:44

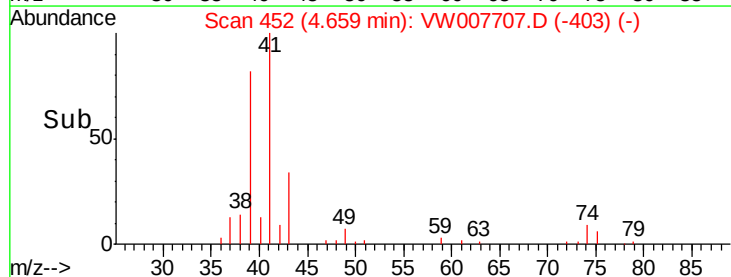
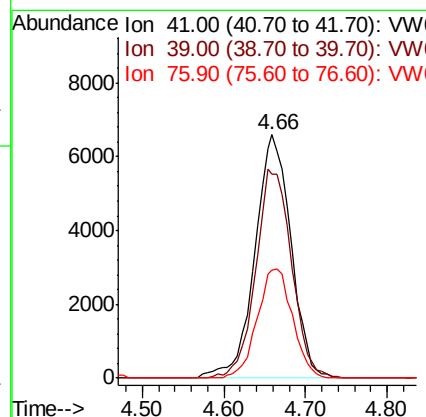
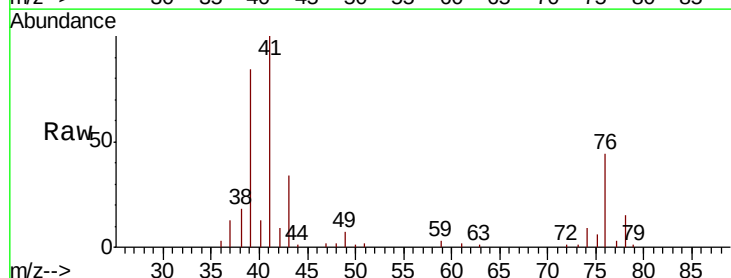
Tgt Ion: 41 Resp: 20299

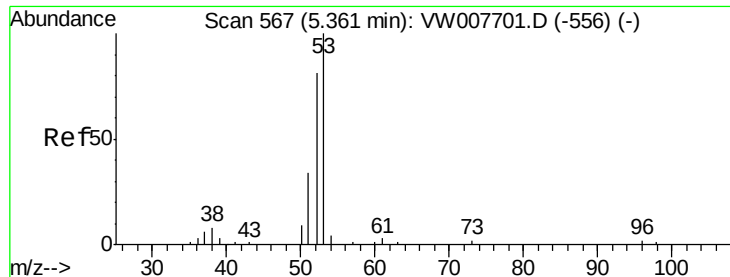
Ion Ratio Lower Upper

41 100

39 85.5 69.5 104.3

76 43.8 34.8 52.2





#15

Acrylonitrile

Concen: 97.049 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.01 min

Lab File: VW007707.D

Acq: 19 Dec 2018 18:44

Instrument :

MSVOA_W

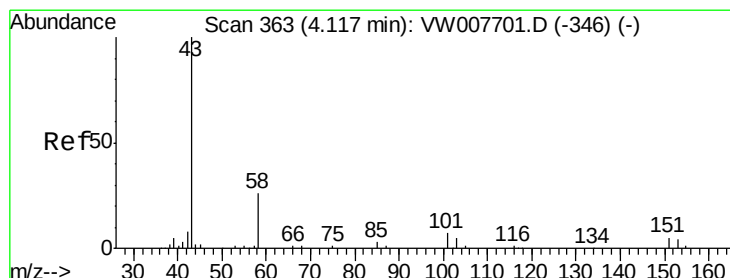
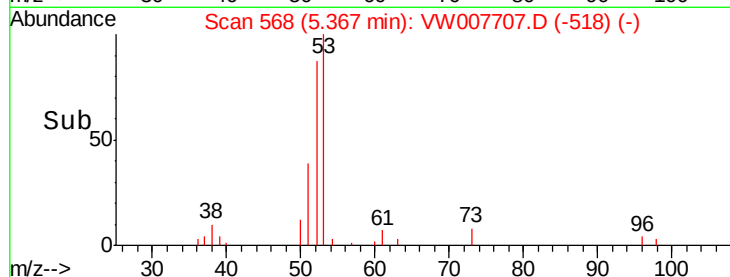
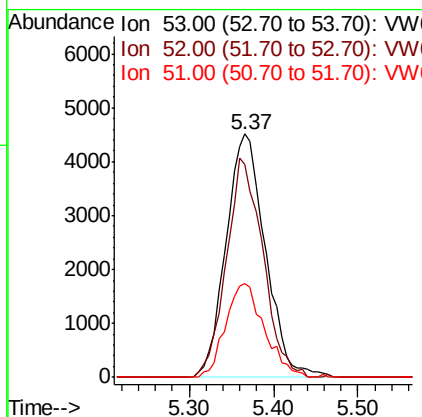
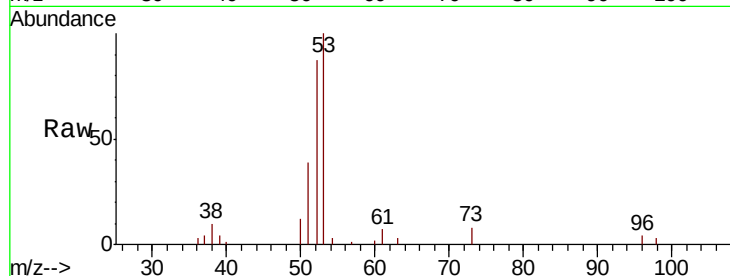
ClientSampleId :

VW1221SBS01

Tot Ion:	53	Resp:	14335
Ion	Ratio	Lower	Upper
53	100		
52	83.5	67.0	100.4
51	38.0	30.2	45.2

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#16

Acetone

Concen: 94.291 ug/l

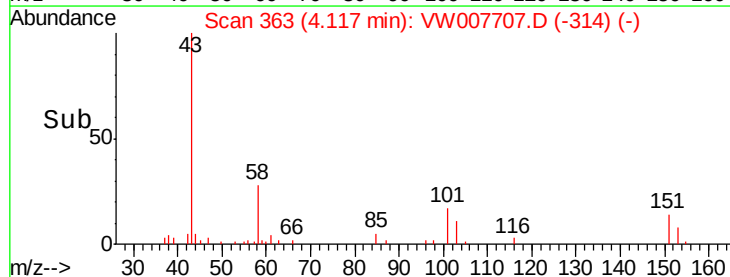
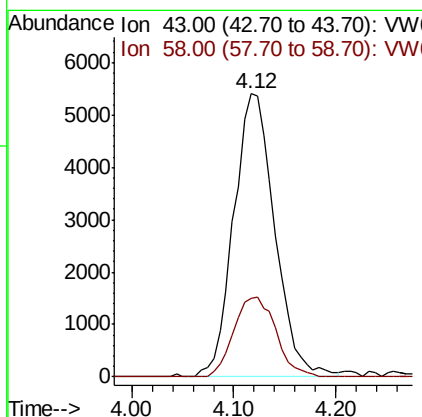
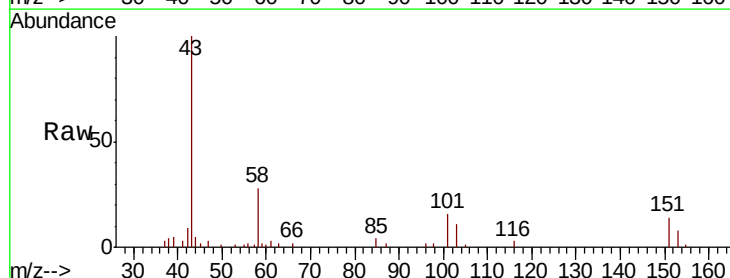
RT: 4.12 min Scan# 363

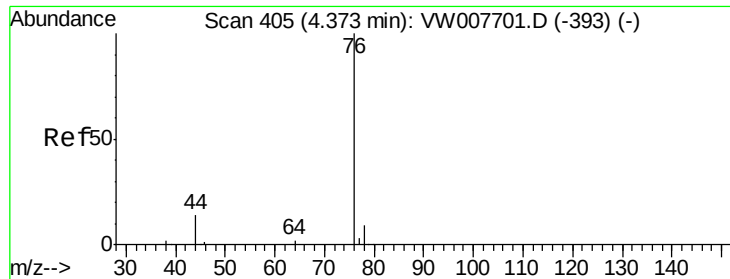
Delta R.T. -0.00 min

Lab File: VW007707.D

Acq: 19 Dec 2018 18:44

Tgt Ion:	43	Resp:	15123
Ion	Ratio	Lower	Upper
43	100		
58	27.7	21.2	31.8





#17

Carbon Disulfide

Concen: 19.260 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.00 min

Lab File: VW007707.D

Acq: 19 Dec 2018 18:44

Instrument :

MSVOA_W

ClientSampleId :

VW1221SBS01

Tot Ion: 76 Resp: 45952

Ion Ratio Lower Upper

76 100

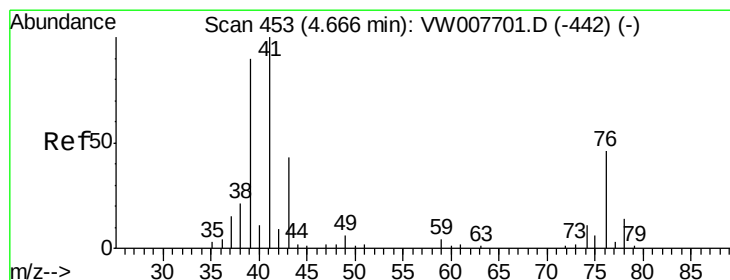
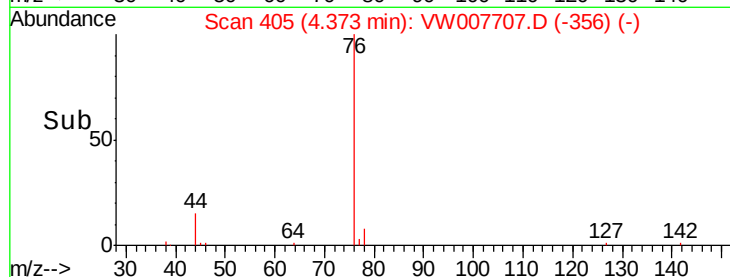
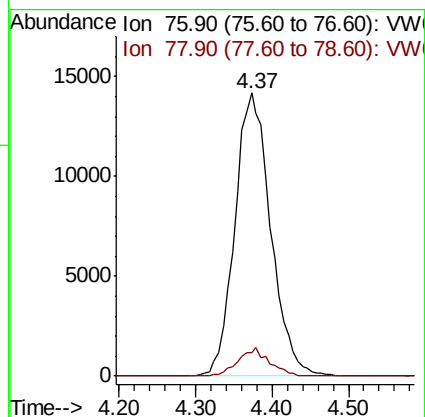
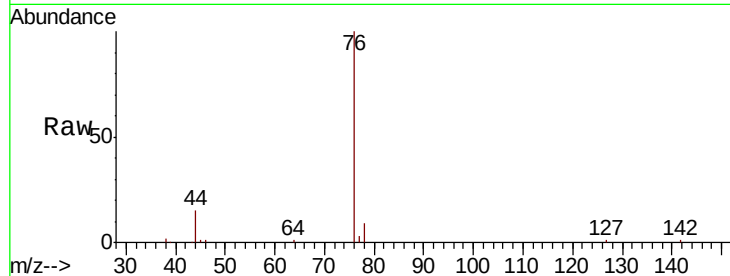
78 8.5 7.3 10.9

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#18

Methyl Acetate

Concen: 19.264 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW007707.D

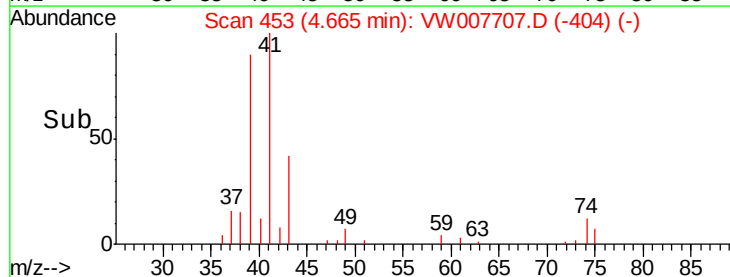
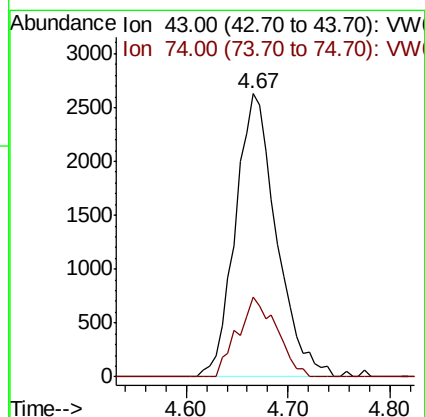
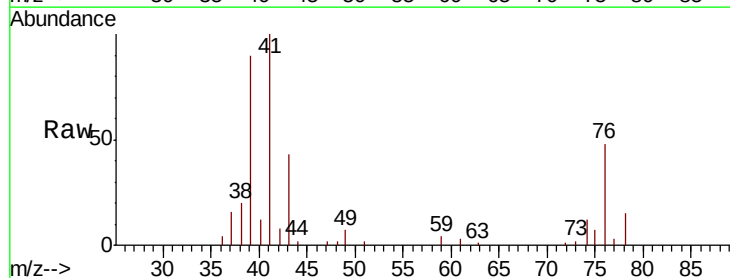
Acq: 19 Dec 2018 18:44

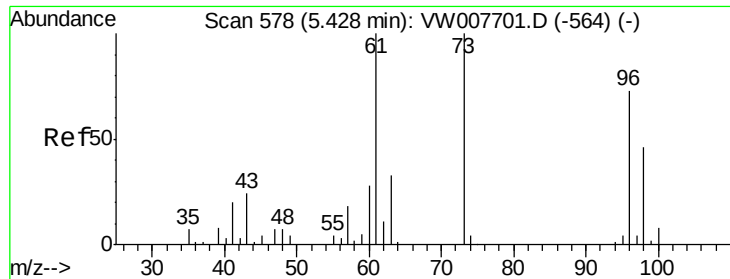
Tgt Ion: 43 Resp: 7348

Ion Ratio Lower Upper

43 100

74 26.7 22.7 34.1





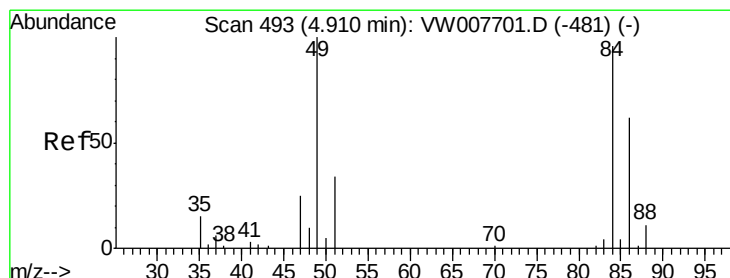
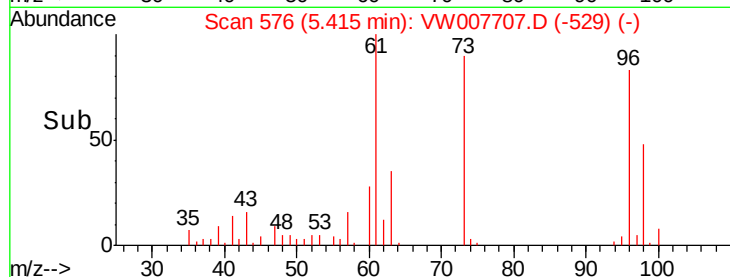
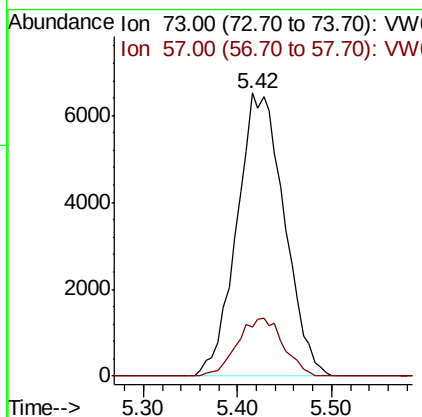
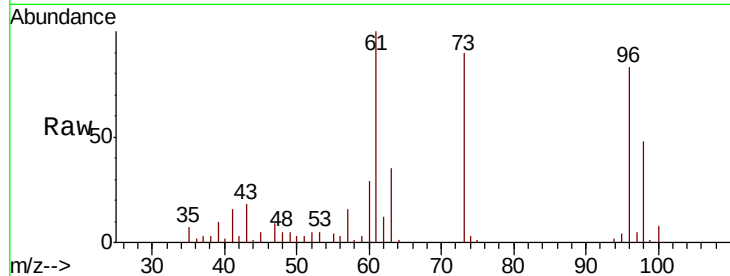
#19
Methyl tert-butyl Ether
Concen: 20.719 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.01 min
Lab File: VW007707.D
Acq: 19 Dec 2018 18:44

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS01

Tot Ion: 73 Resp: 22933
Ion Ratio Lower Upper
73 100
57 17.6 14.7 22.1

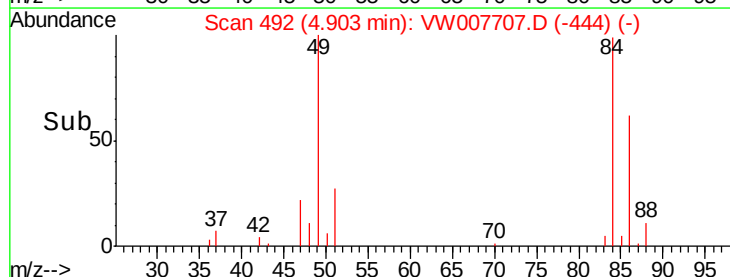
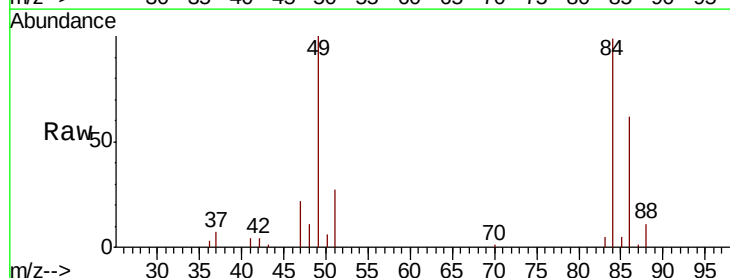
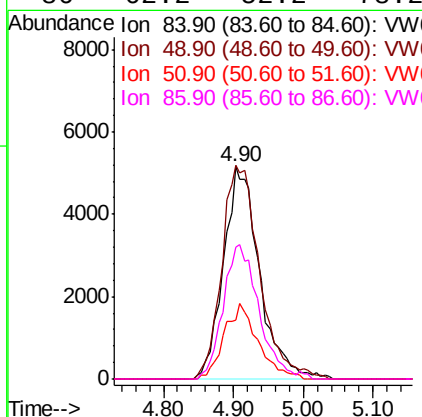
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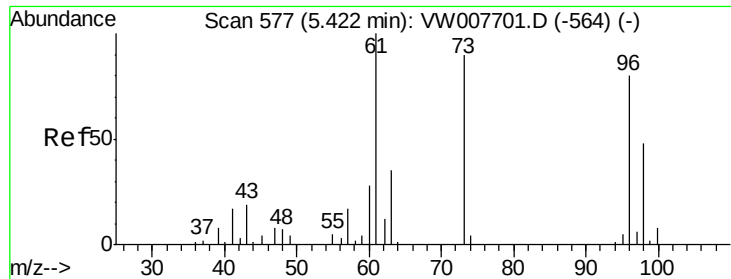
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#20
Methylene Chloride
Concen: 19.022 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW007707.D
Acq: 19 Dec 2018 18:44

Tgt Ion: 84 Resp: 18391
Ion Ratio Lower Upper
84 100
49 100.5 83.7 125.5
51 27.4 28.2 42.2#
86 62.2 52.2 78.2





#21

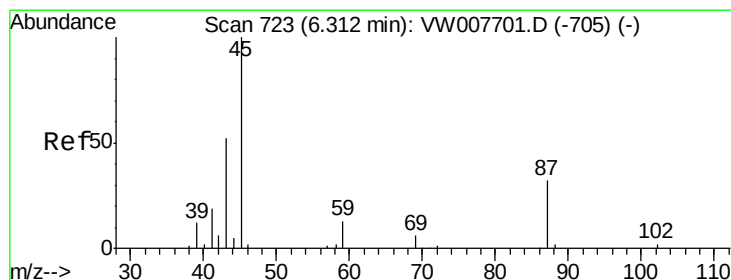
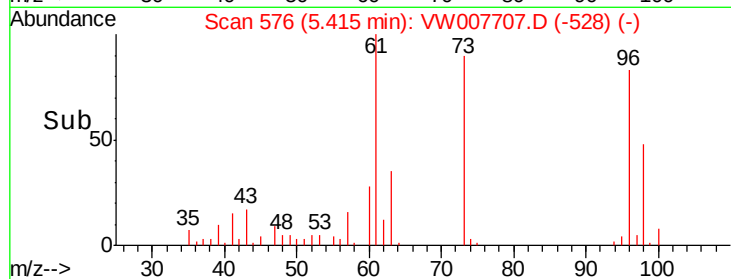
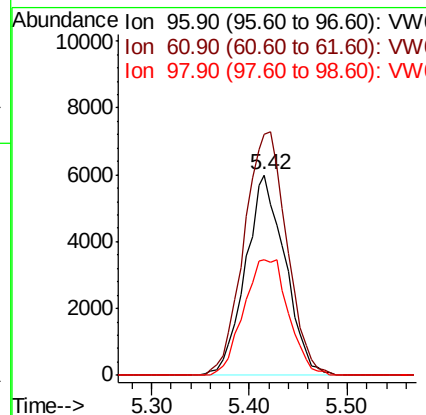
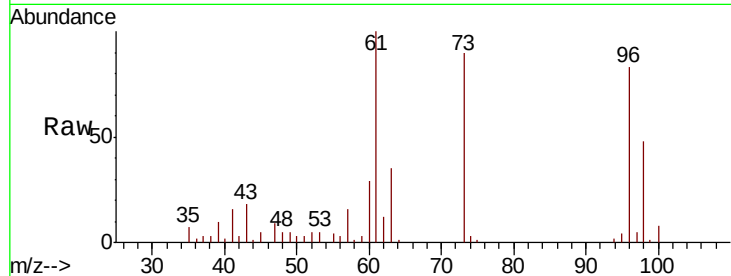
trans-1,2-Dichloroethene
Concen: 19.911 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.01 min
Lab File: VW007707.D
Acq: 19 Dec 2018 18:44

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	120.4	100.1	150.1
98	57.7	48.5	72.7

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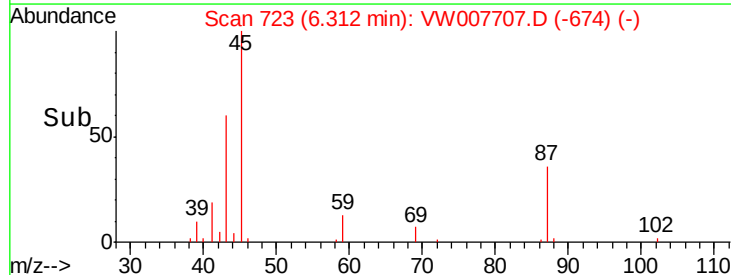
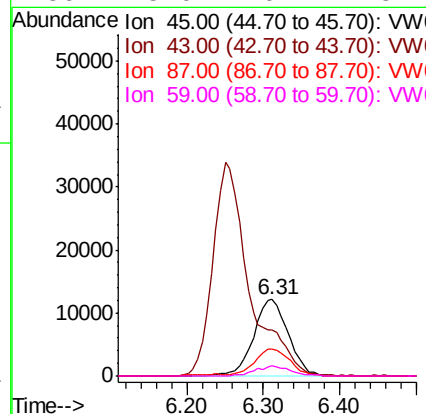
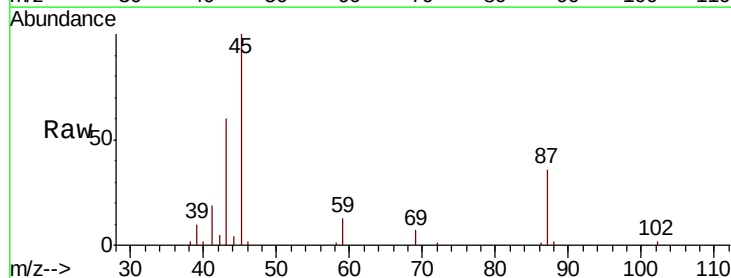
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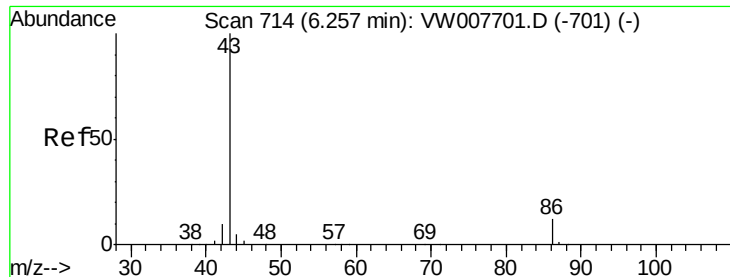


#22

Diisopropyl ether
Concen: 20.311 ug/l
RT: 6.31 min Scan# 723
Delta R.T. -0.00 min
Lab File: VW007707.D
Acq: 19 Dec 2018 18:44

Tgt Ion	Ratio	Lower	Upper
45	100		
43	59.2	43.7	65.5
87	35.7	26.6	40.0
59	13.0	10.2	15.2





#23

Vinyl Acetate

Concen: 100.090 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.01 min

Lab File: VW007707.D

Acq: 19 Dec 2018 18:44

Instrument :

MSVOA_W

ClientSampleId :

VW1221SBS01

Tot Ion: 43 Resp: 112578

Ion Ratio Lower Upper

43 100

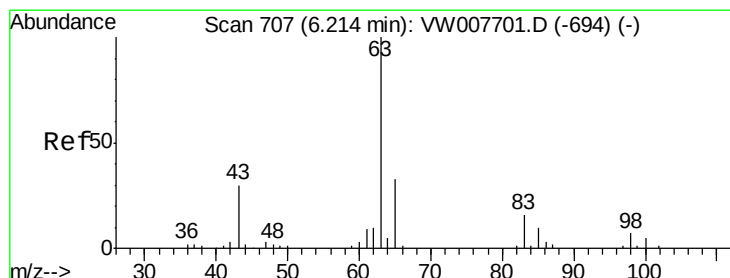
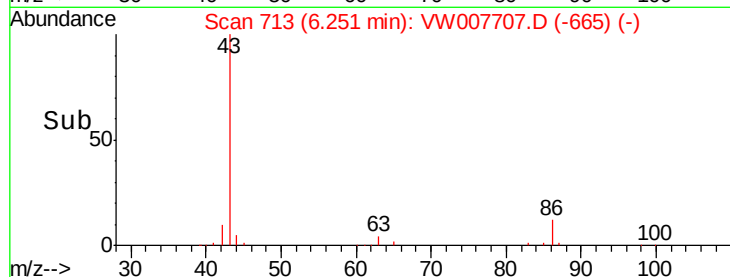
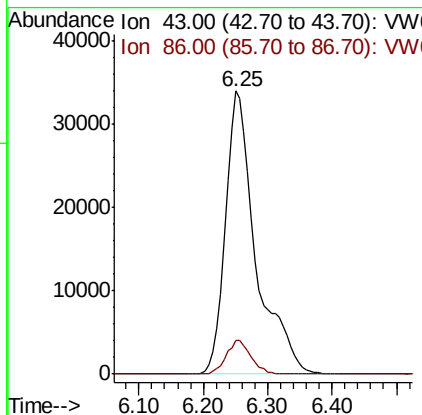
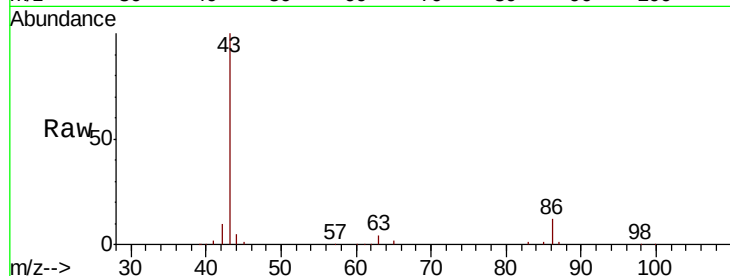
86 11.8 9.6 14.4

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#24

1,1-Dichloroethane

Concen: 19.892 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW007707.D

Acq: 19 Dec 2018 18:44

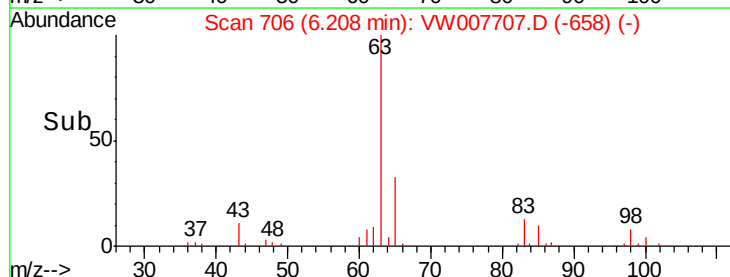
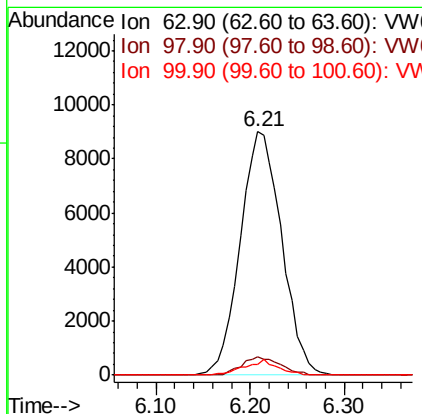
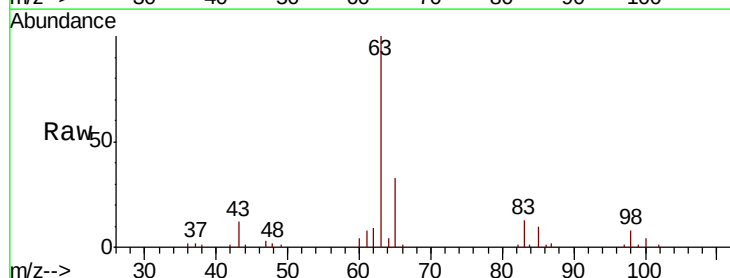
Tgt Ion: 63 Resp: 27703

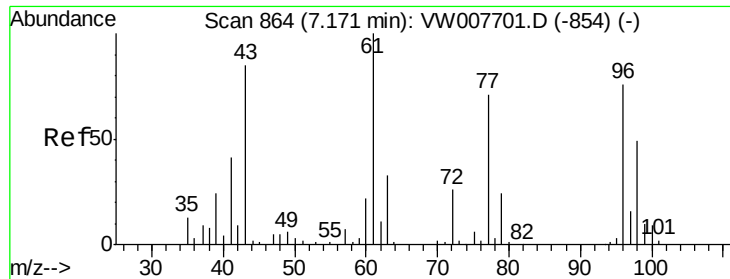
Ion Ratio Lower Upper

63 100

98 7.6 3.6 10.9

100 4.5 2.5 7.5





#25

2-Butanone

Concen: 93.969 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW007707.D

Acq: 19 Dec 2018 18:44

Instrument :

MSVOA_W

ClientSampleId :

VW1221SBS01

Tot Ion: 43 Resp: 17653

Ion Ratio Lower Upper

43 100

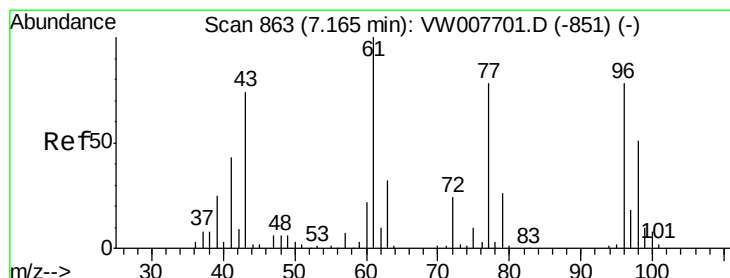
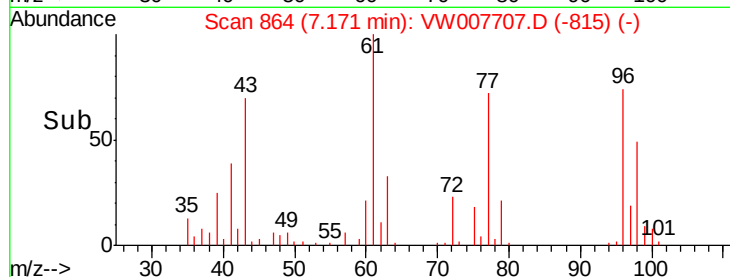
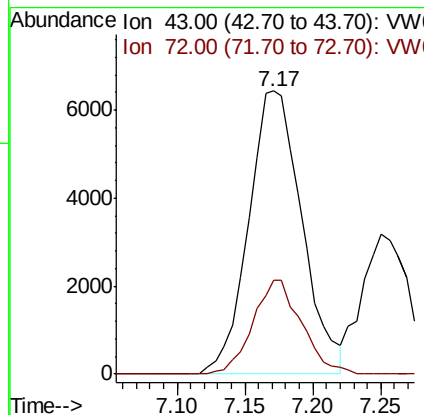
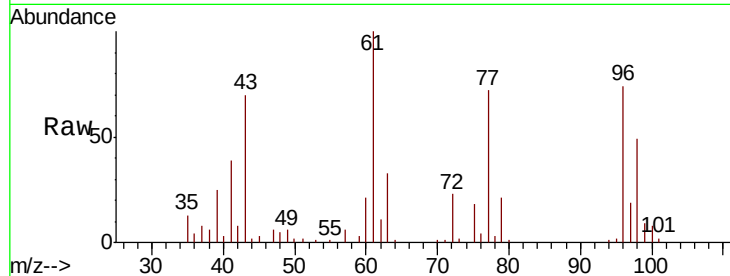
72 33.1 24.5 36.7

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#26

2,2-Dichloropropane

Concen: 20.593 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW007707.D

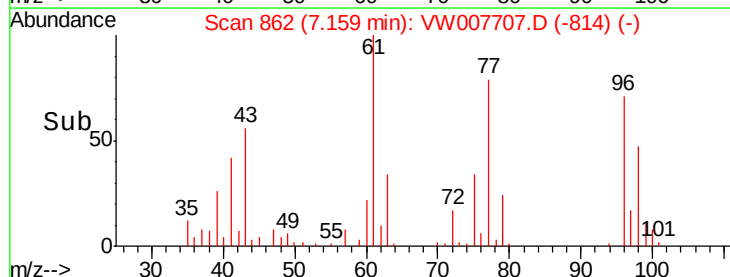
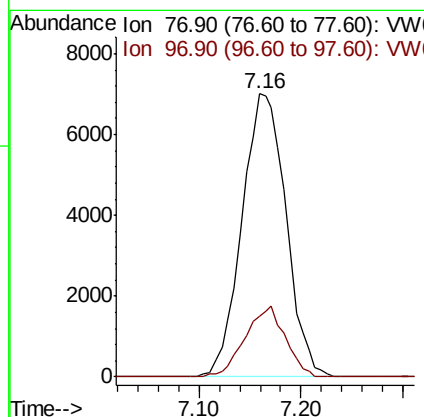
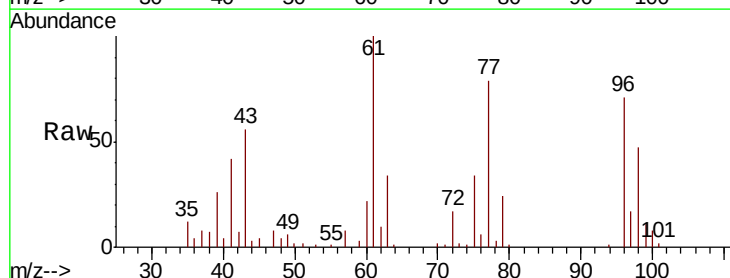
Acq: 19 Dec 2018 18:44

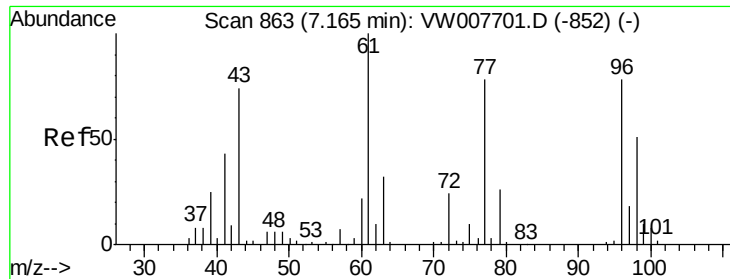
Tgt Ion: 77 Resp: 20987

Ion Ratio Lower Upper

77 100

97 22.7 11.3 33.9





#27

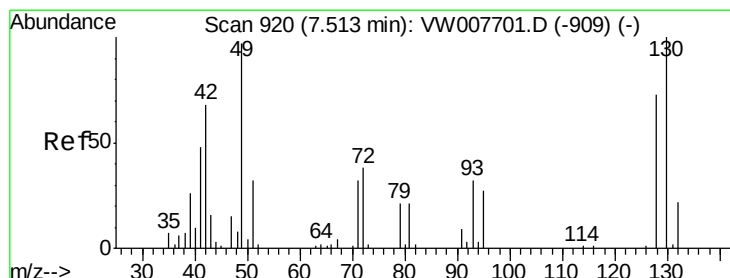
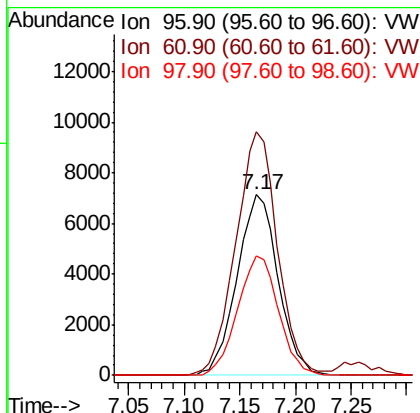
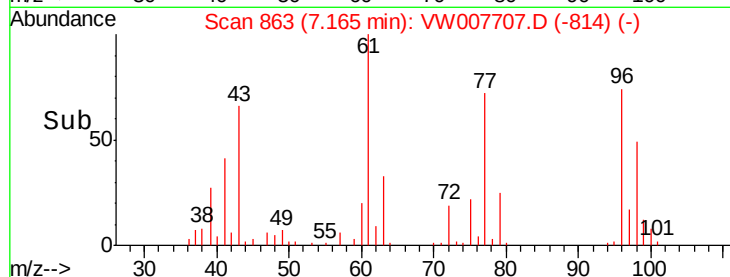
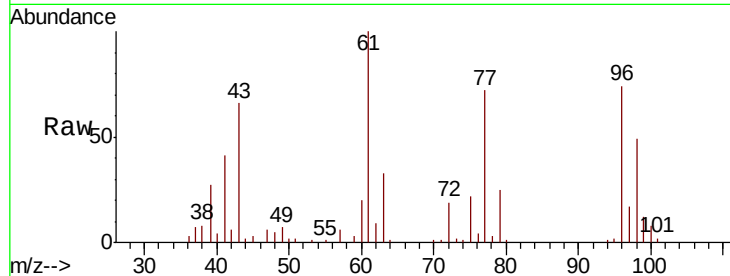
cis-1,2-Dichloroethene
Concen: 20.213 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW007707.D
Acq: 19 Dec 2018 18:44

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	137.3	0.0	271.6
98	65.9	0.0	131.2

Manual Integrations
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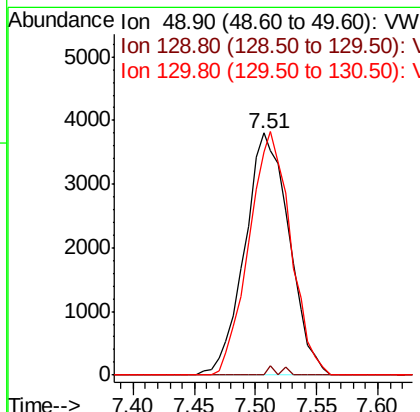
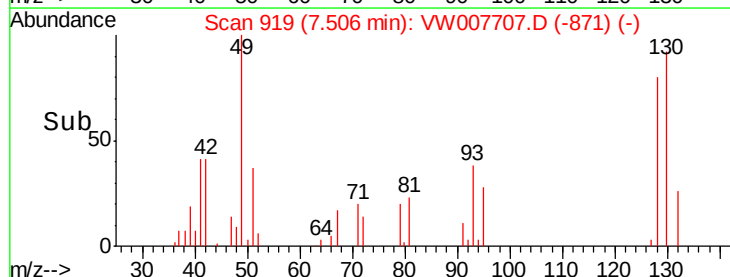
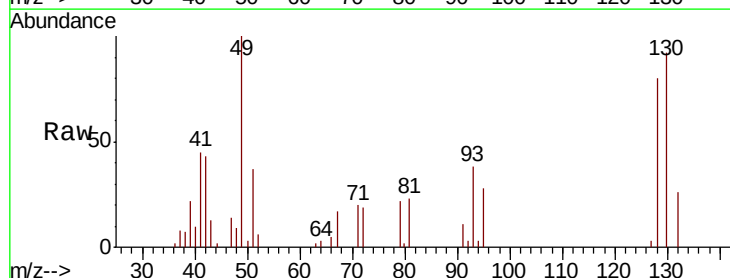
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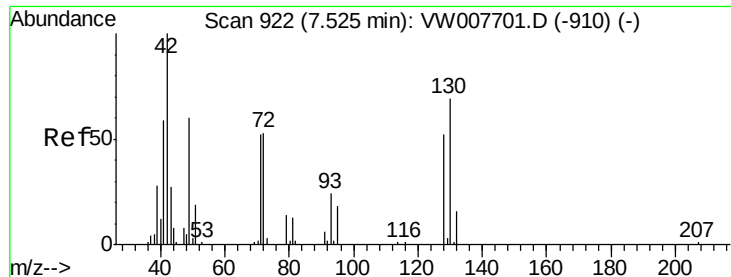


#28

Bromochloromethane
Concen: 20.185 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.01 min
Lab File: VW007707.D
Acq: 19 Dec 2018 18:44

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.1	0.0	2.2
130	94.6	81.5	122.3





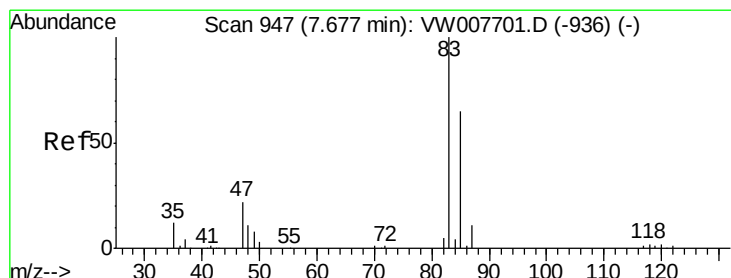
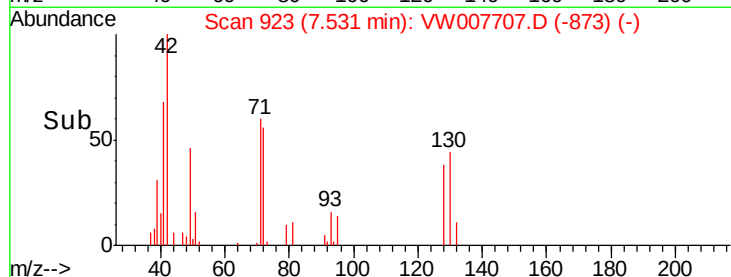
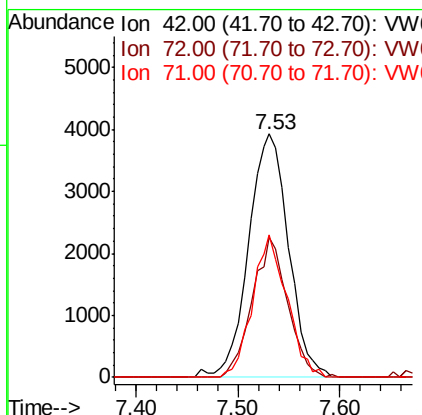
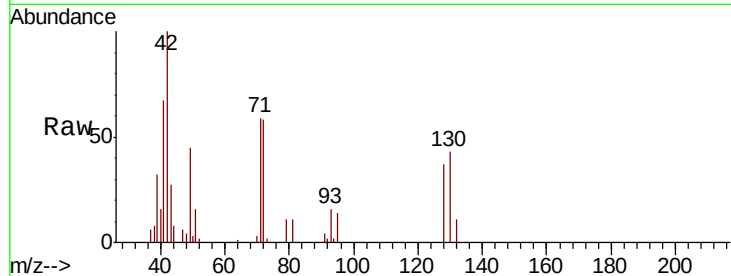
#29
Tetrahydrofuran
Concen: 95.462 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW007707.D
Acq: 19 Dec 2018 18:44

Instrument :
MSVOA_W
ClientSampled :
VW1221SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	50.9	41.7	62.5
71	50.5	39.0	58.6

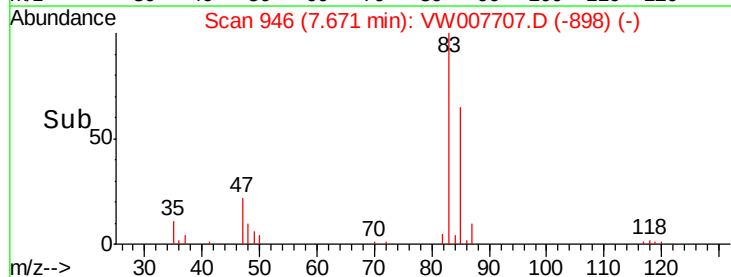
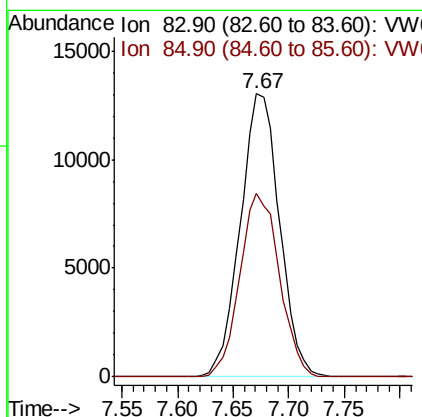
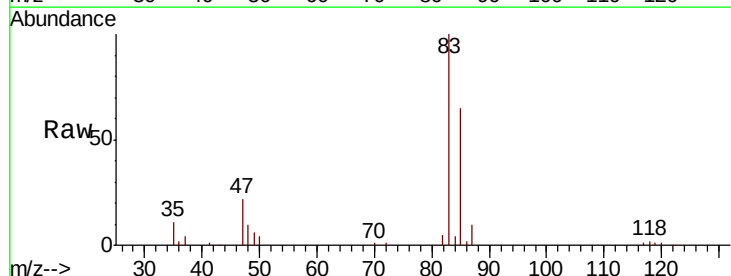
Manual Integrations
APPROVED

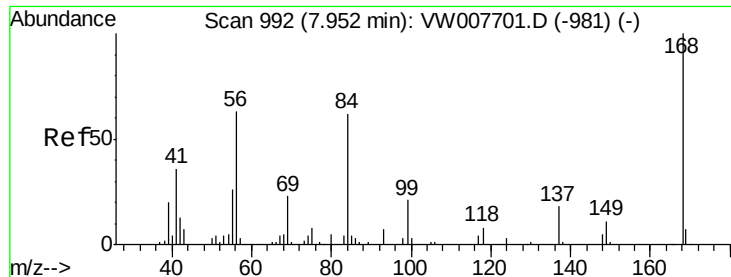
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#30
Chloroform
Concen: 20.261 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW007707.D
Acq: 19 Dec 2018 18:44

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	52.2	78.2





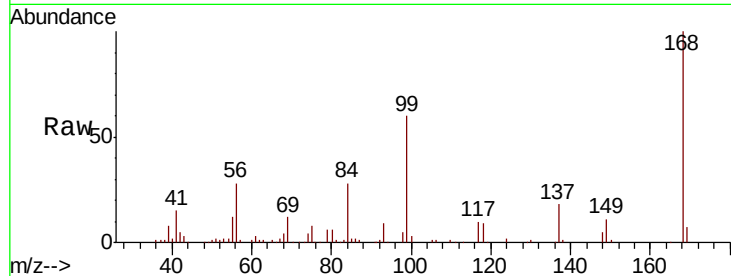
#31
Cyclohexane
Concen: 19.613 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW007707.D
Acq: 19 Dec 2018 18:44

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	44.5	29.7	44.5
84	99.7	78.9	118.3

Manual Integrations
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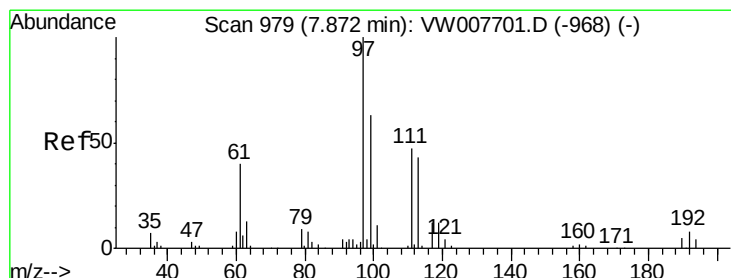
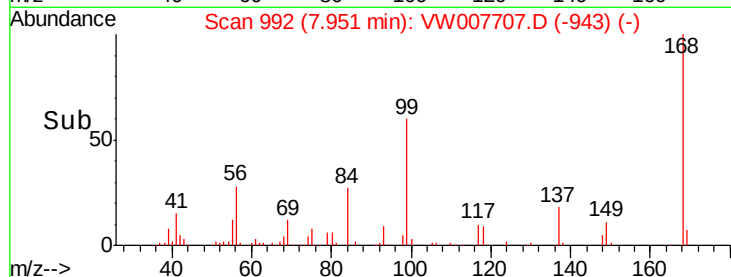
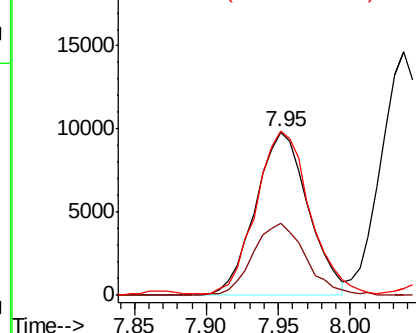


Abundance

Ion 56.00 (55.70 to 56.70): VW

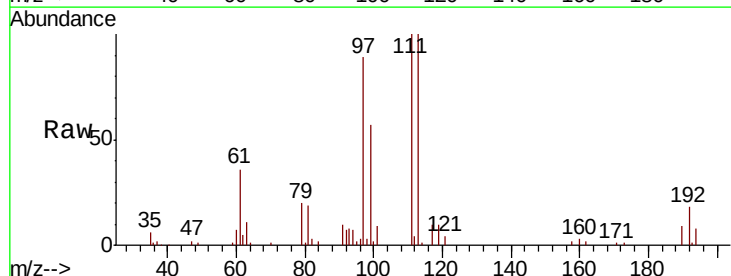
Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW



#32
1,1,1-Trichloroethane
Concen: 20.268 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW007707.D
Acq: 19 Dec 2018 18:44

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.3	50.6	76.0
61	41.3	32.3	48.5

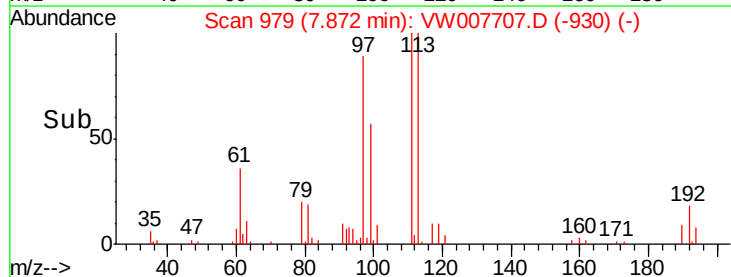
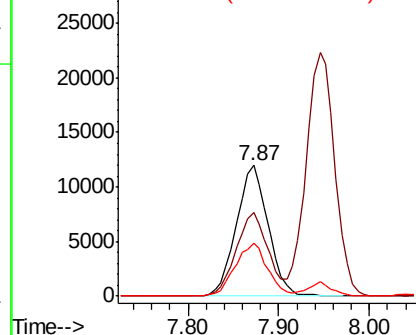


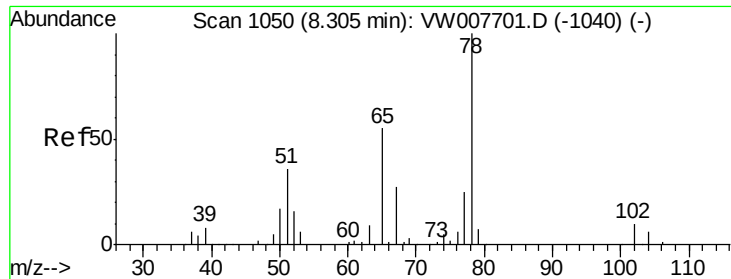
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 98.90 (98.60 to 99.60): VW

Ion 60.90 (60.60 to 61.60): VW





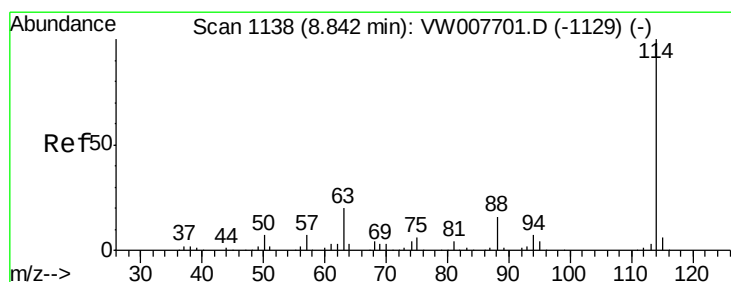
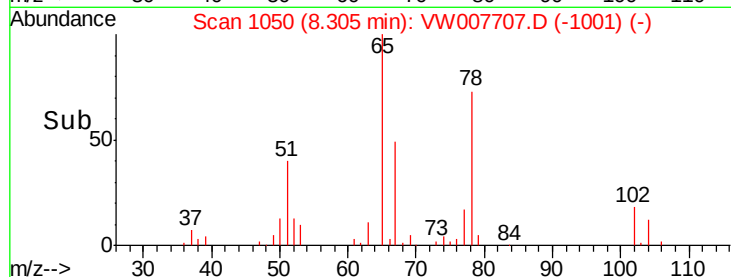
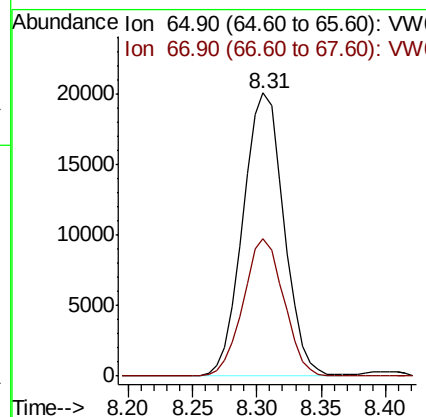
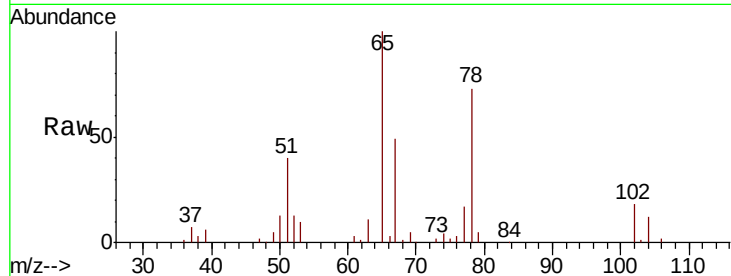
#33
 1,2-Dichloroethane-d4
 Concen: 51.547 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007707.D
 Acq: 19 Dec 2018 18:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1221SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	44150		
67	48.1	0.0	100.6	

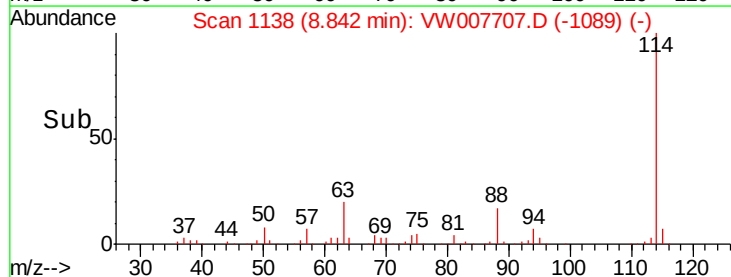
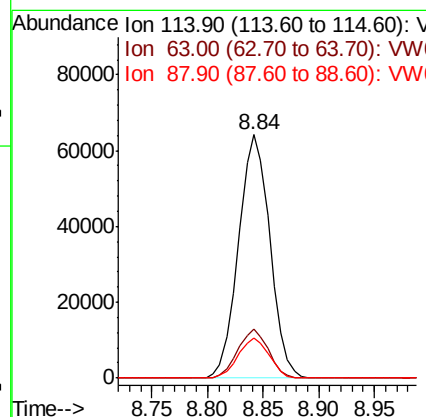
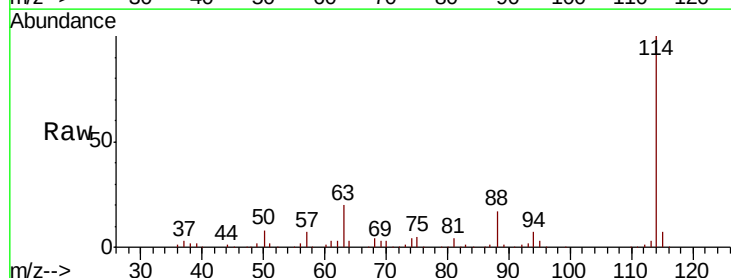
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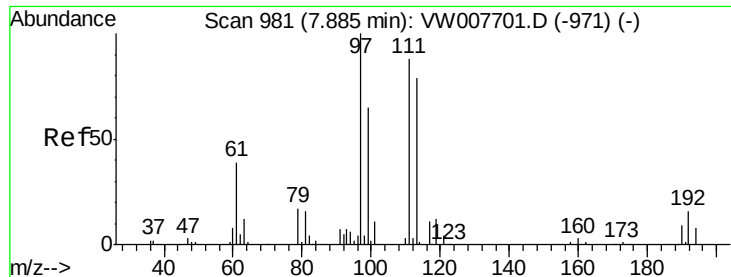
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007707.D
 Acq: 19 Dec 2018 18:44

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	125313		
63	19.9	0.0	40.0	
88	16.5	0.0	32.6	





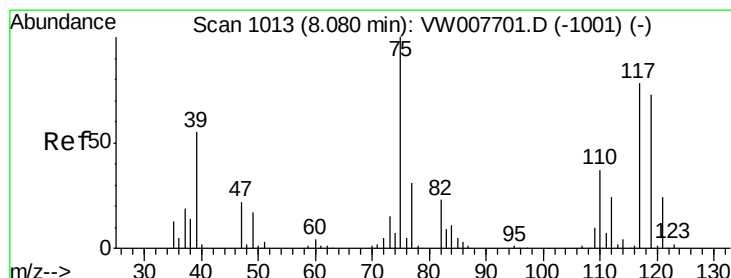
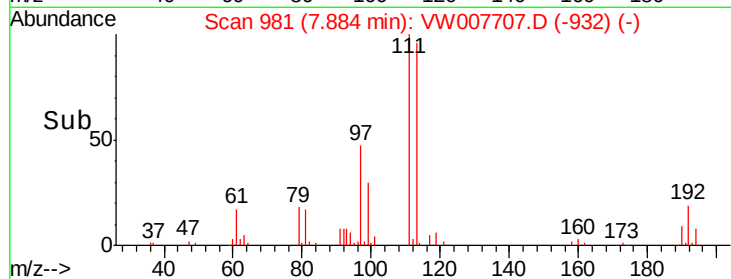
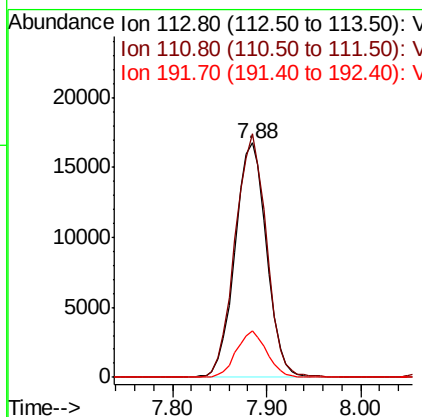
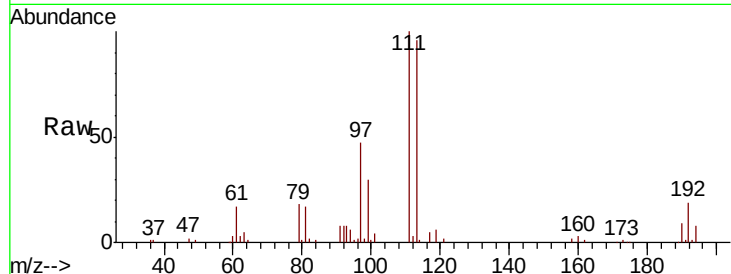
#35
 Dibromofluoromethane
 Concen: 51.260 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007707.D
 Acq: 19 Dec 2018 18:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1221SBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.6	124.0
192	19.0	15.5	23.3

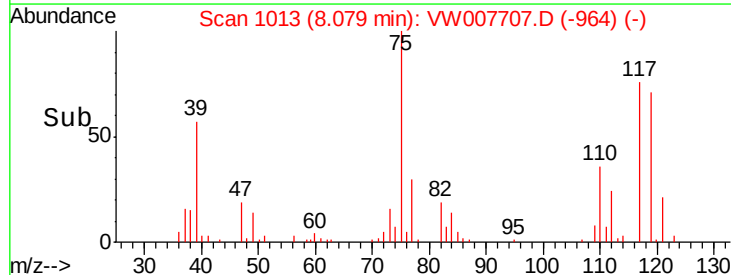
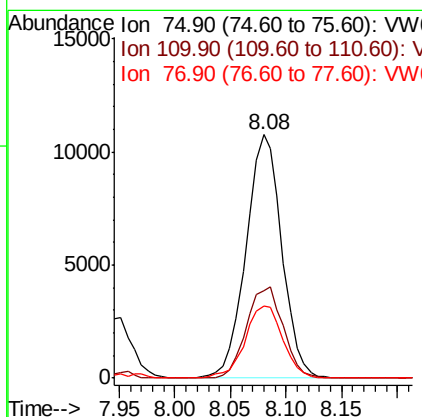
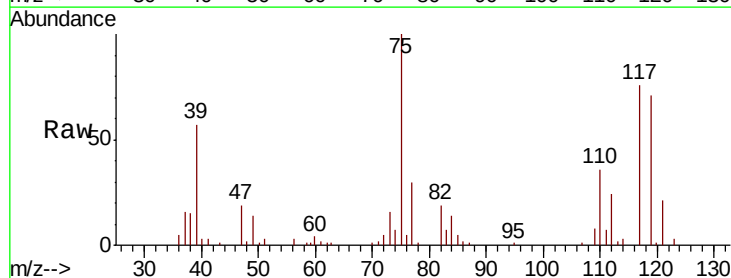
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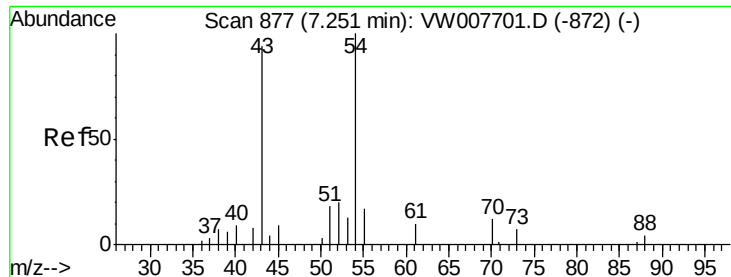
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#36
 1,1-Dichloropropene
 Concen: 19.917 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW007707.D
 Acq: 19 Dec 2018 18:44

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.2	18.6	55.8
77	31.2	25.0	37.4





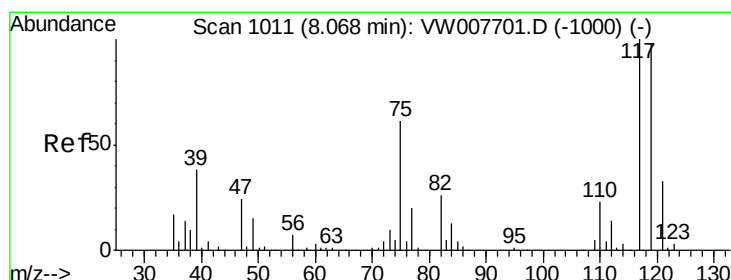
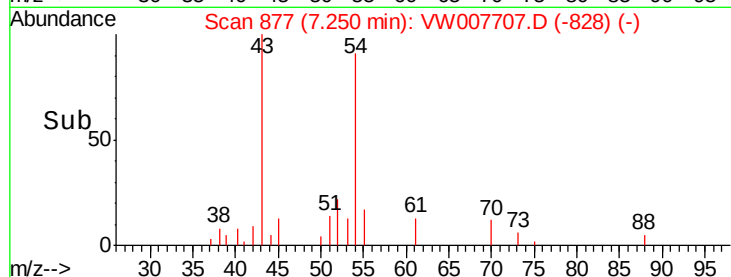
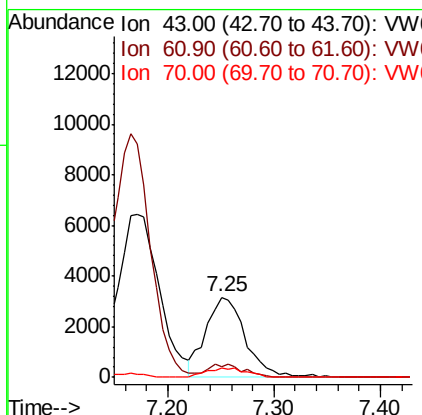
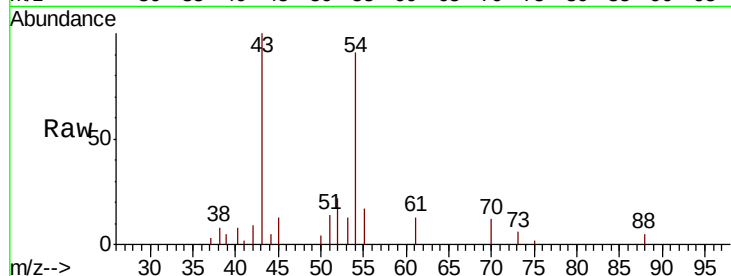
#37
Ethyl Acetate
Concen: 19.609 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW007707.D
Acq: 19 Dec 2018 18:44

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.2	16.8
70	11.5	9.3	13.9

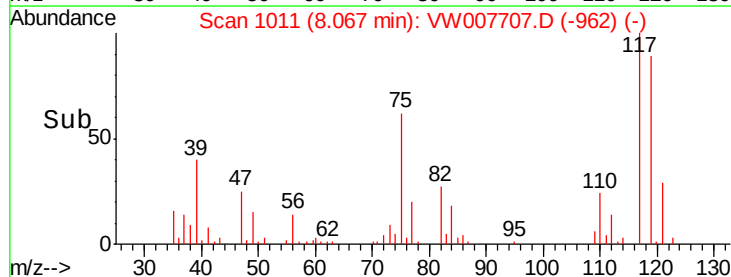
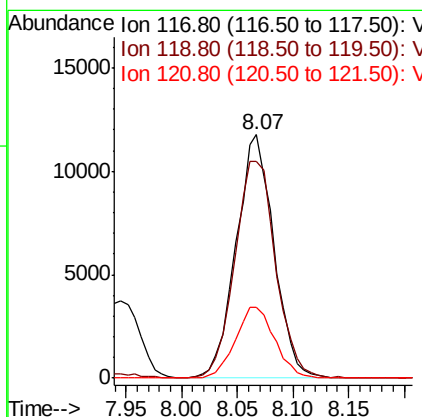
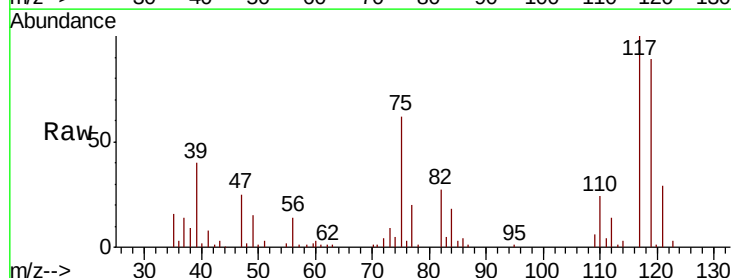
Manual Integrations
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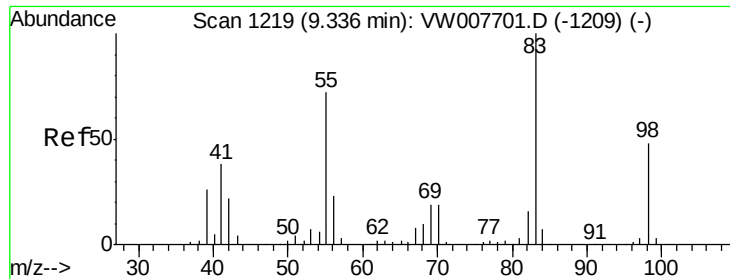
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#38
Carbon Tetrachloride
Concen: 19.470 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW007707.D
Acq: 19 Dec 2018 18:44

Tgt Ion	Ratio	Lower	Upper
117	100		
119	89.1	78.2	117.2
121	28.8	26.1	39.1





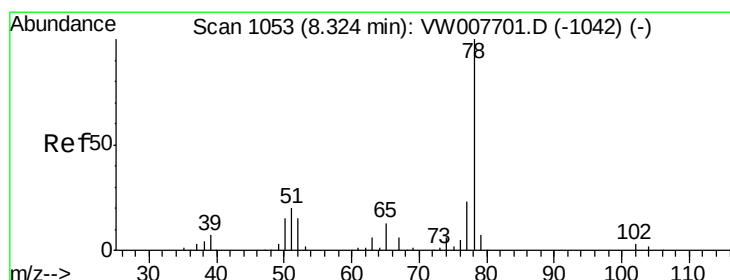
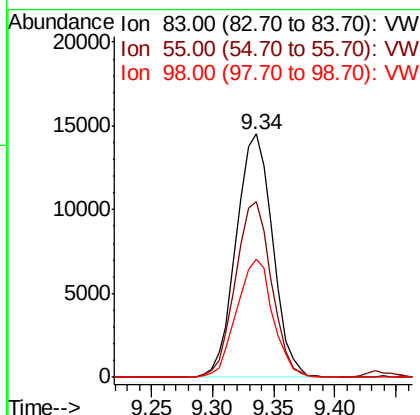
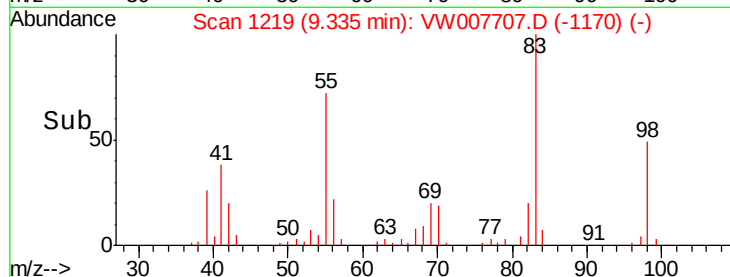
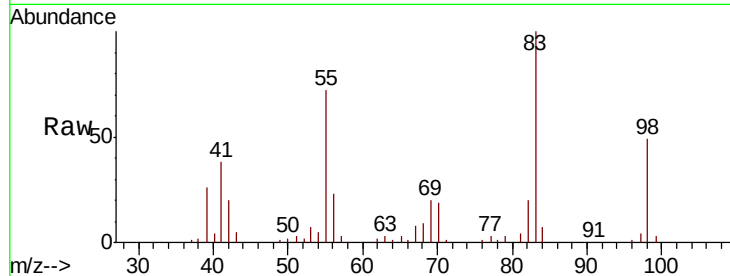
#39
Methylvlcyclohexane
Concen: 20.096 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007707.D
Acq: 19 Dec 2018 18:44

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.1	57.2	85.8
98	48.6	38.6	58.0

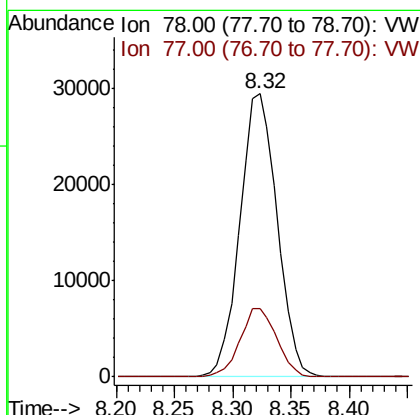
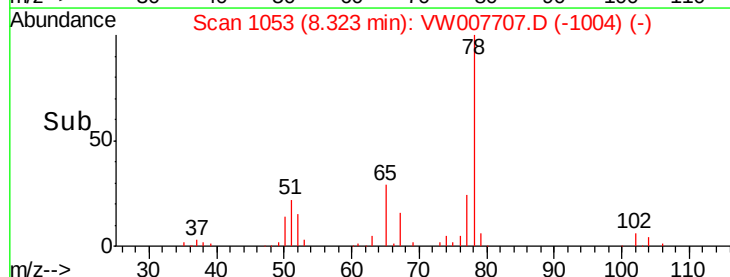
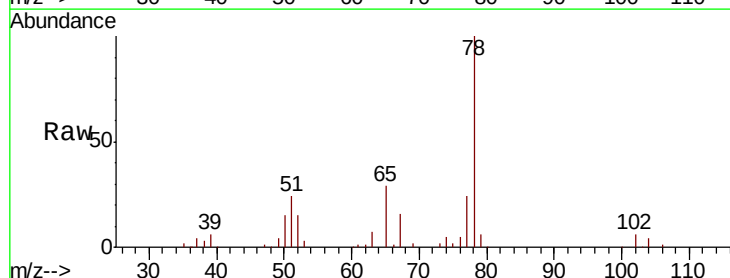
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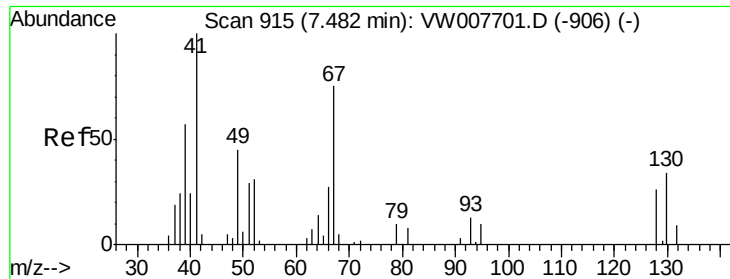
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#40
Benzene
Concen: 20.300 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW007707.D
Acq: 19 Dec 2018 18:44

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	18.7	28.1





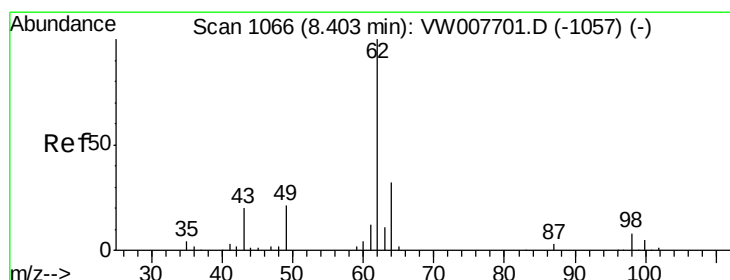
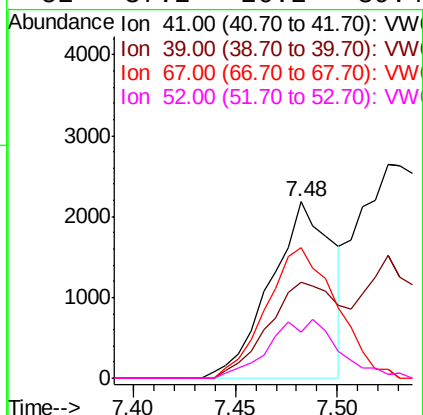
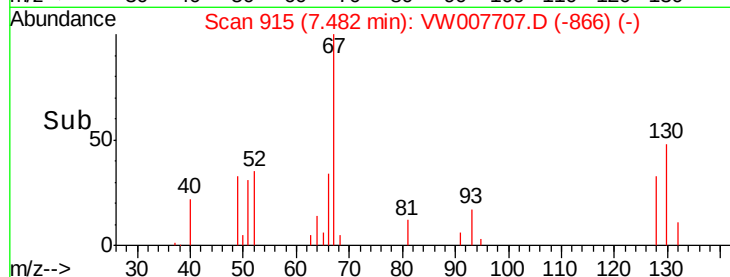
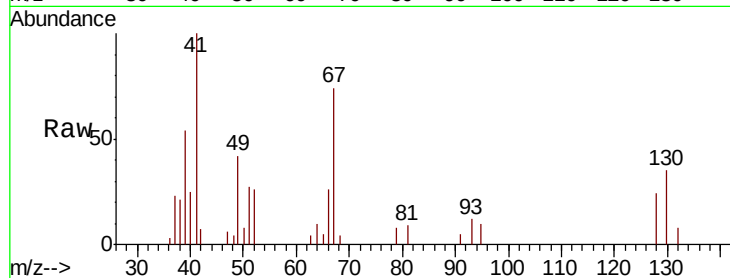
#41
Methacrylonitrile
Concen: 19.448 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW007707.D
Acq: 19 Dec 2018 18:44

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS01

Tot Ion:	41	Resp:	4609
Ion	Ratio	Lower	Upper
41	100		
39	64.9	54.2	81.4
67	84.1	65.7	98.5
52	37.2	26.2	39.4

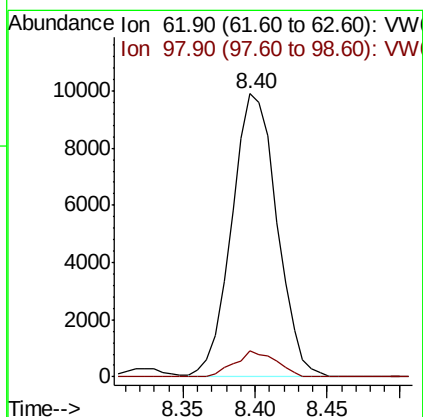
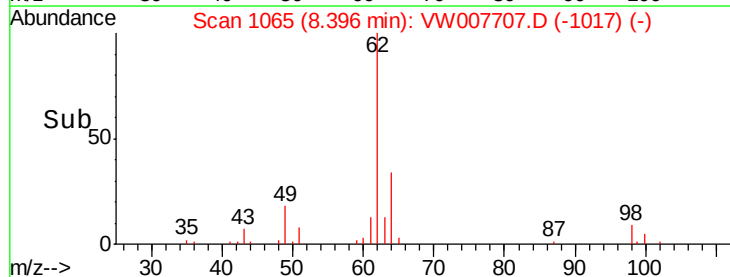
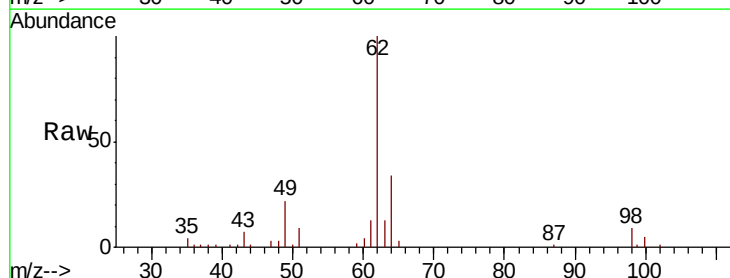
Manual Integrations
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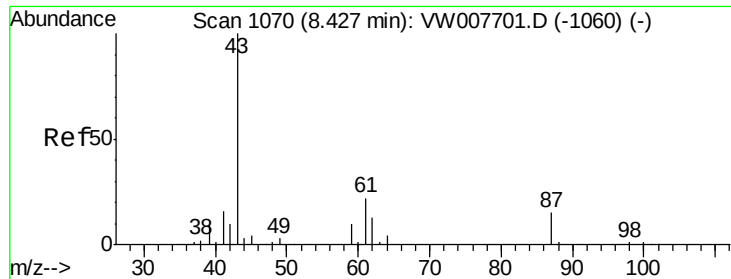
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#42
1,2-Dichloroethane
Concen: 19.954 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.01 min
Lab File: VW007707.D
Acq: 19 Dec 2018 18:44

Tgt Ion:	62	Resp:	21582
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	16.6





#43

Isopropyl Acetate

Concen: 19.733 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW007707.D

Acq: 19 Dec 2018 18:44

Instrument :

MSVOA_W

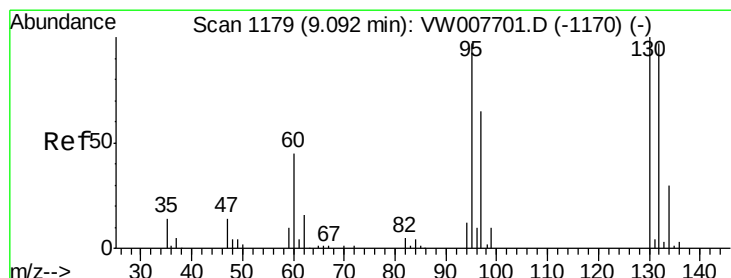
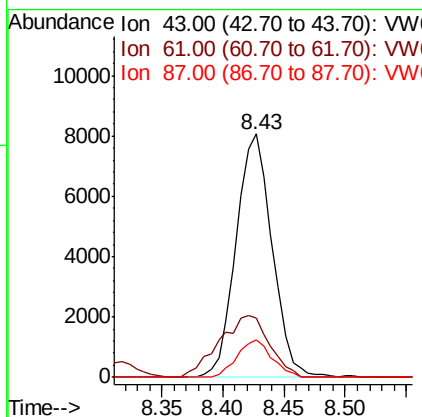
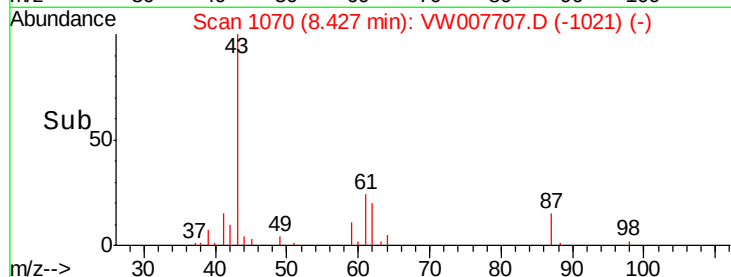
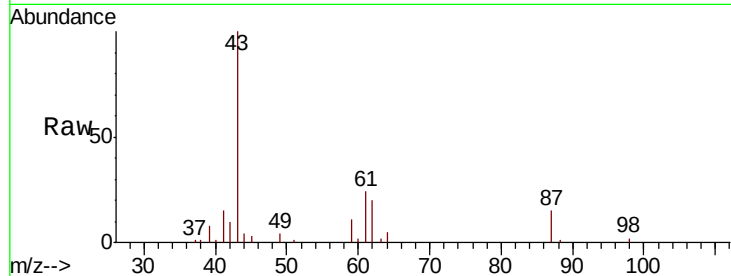
ClientSampleId :

VW1221SBS01

Tot Ion:	43	Resp:	16502
Ion	Ratio	Lower	Upper
43	100		
61	35.1	26.3	39.5
87	14.7	12.0	18.0

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#44

Trichloroethene

Concen: 19.885 ug/l

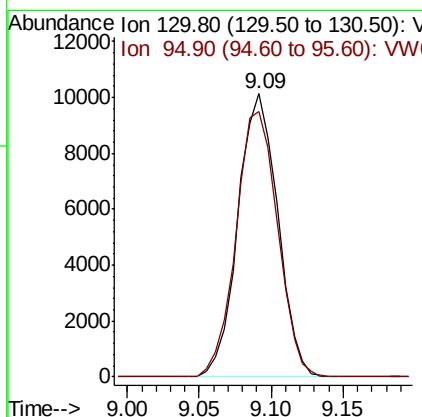
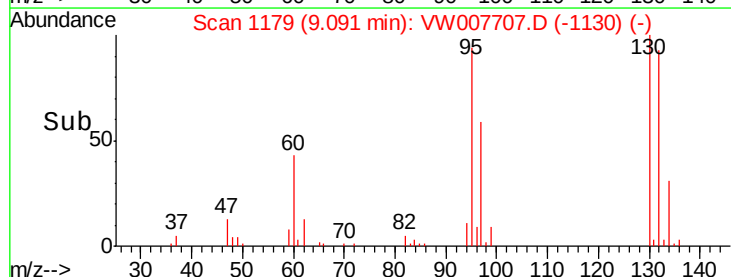
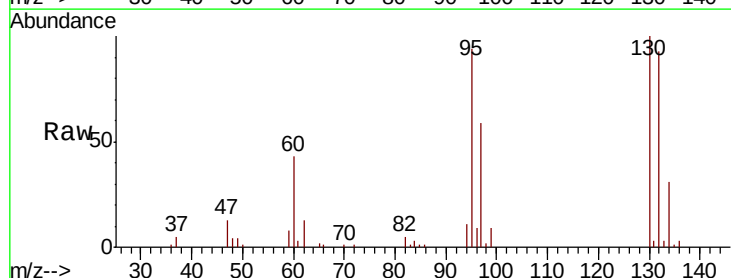
RT: 9.09 min Scan# 1179

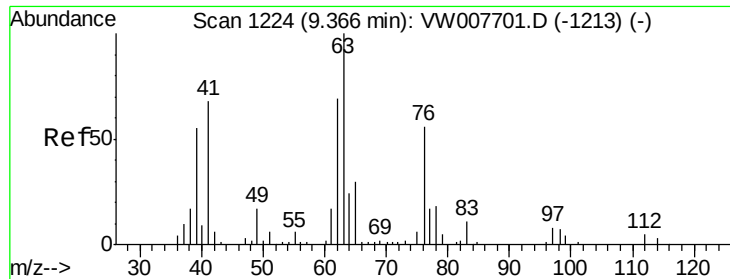
Delta R.T. -0.00 min

Lab File: VW007707.D

Acq: 19 Dec 2018 18:44

Tgt Ion:	130	Resp:	19409
Ion	Ratio	Lower	Upper
130	100		
95	93.7	0.0	194.8





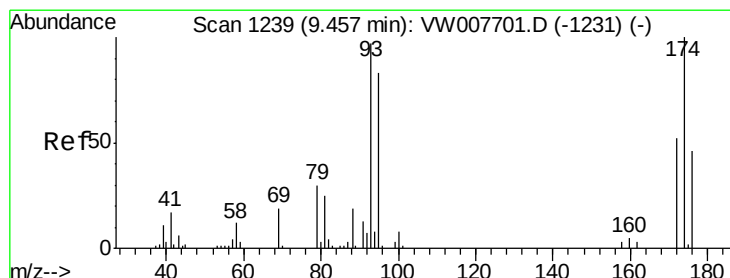
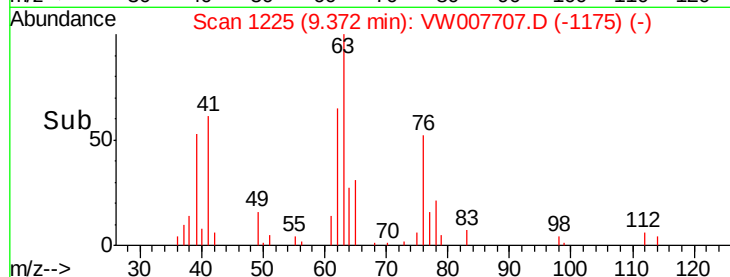
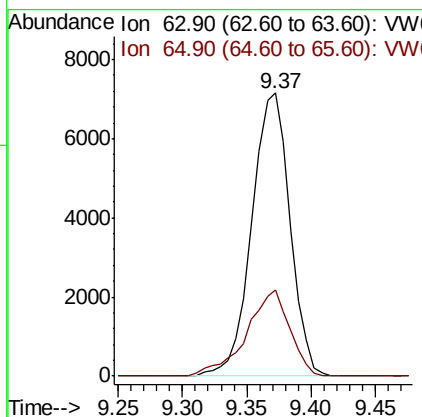
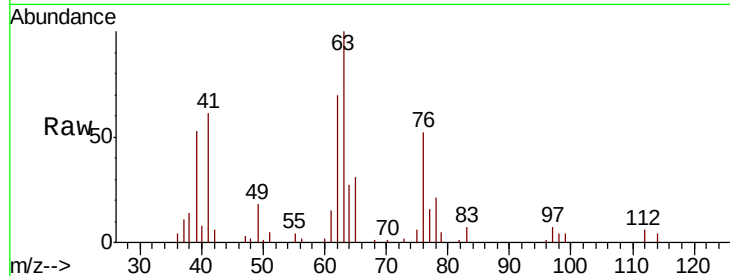
#45
 1,2-Dichloropropane
 Concen: 20.479 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: VW007707.D
 Acq: 19 Dec 2018 18:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1221SBS01

Tot Ion: 63 Resp: 14666
 Ion Ratio Lower Upper
 63 100
 65 30.6 23.8 35.8

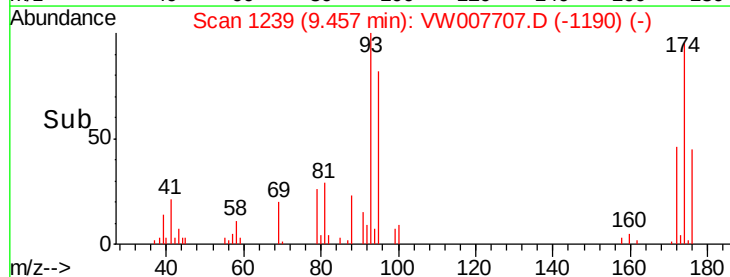
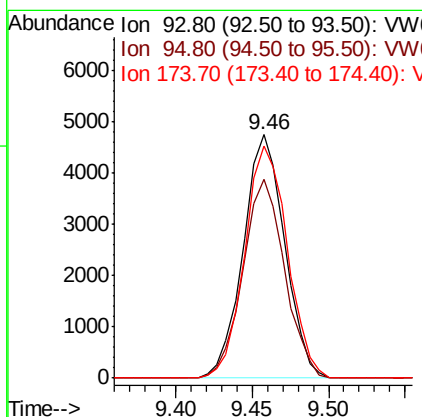
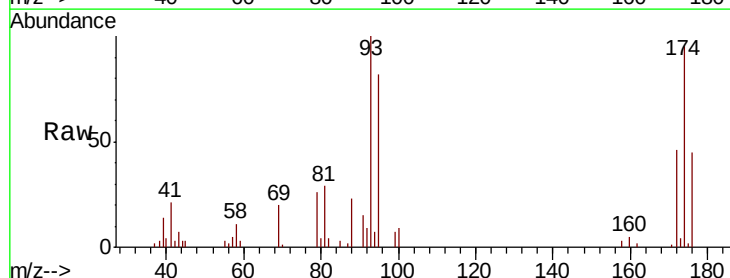
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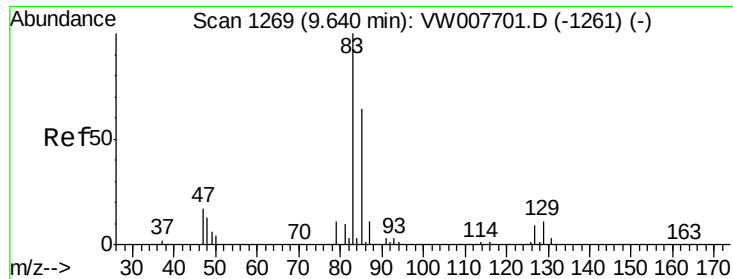
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#46
 Dibromomethane
 Concen: 20.334 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW007707.D
 Acq: 19 Dec 2018 18:44

Tgt Ion: 93 Resp: 8964
 Ion Ratio Lower Upper
 93 100
 95 82.2 67.5 101.3
 174 98.0 83.9 125.9





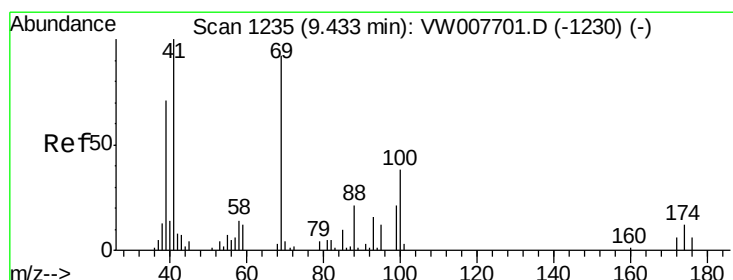
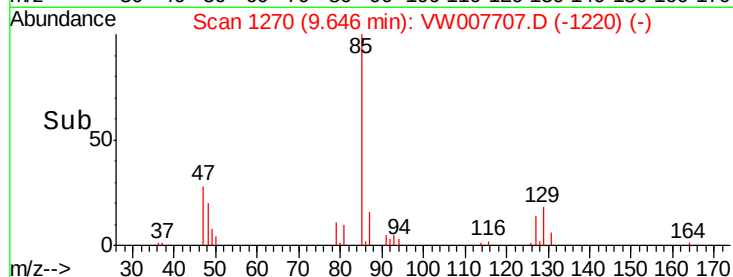
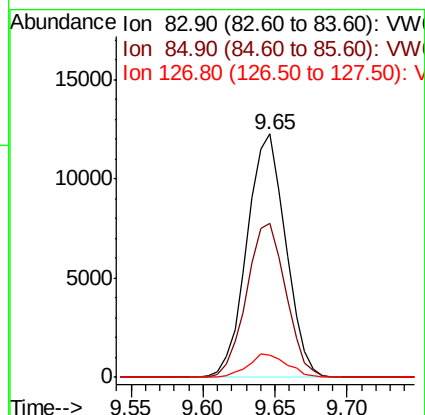
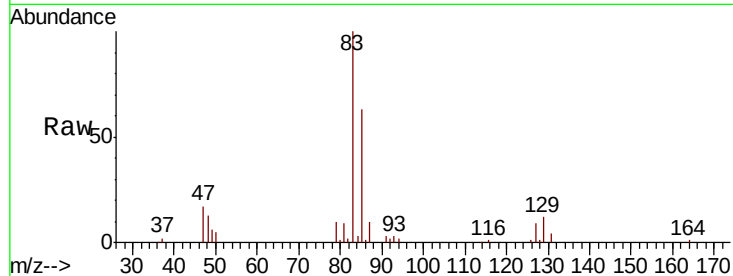
#47
Bromodichloromethane
Concen: 19.618 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.01 min
Lab File: VW007707.D
Acq: 19 Dec 2018 18:44

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
85	63.2	51.4	77.0
127	9.1	7.5	11.3

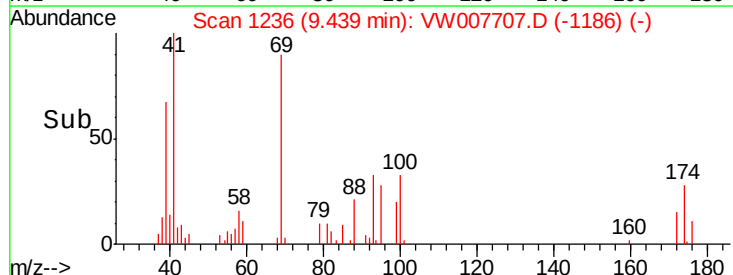
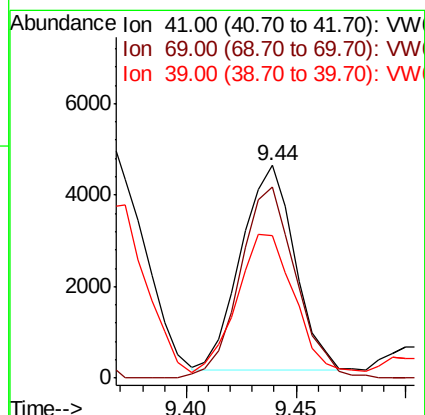
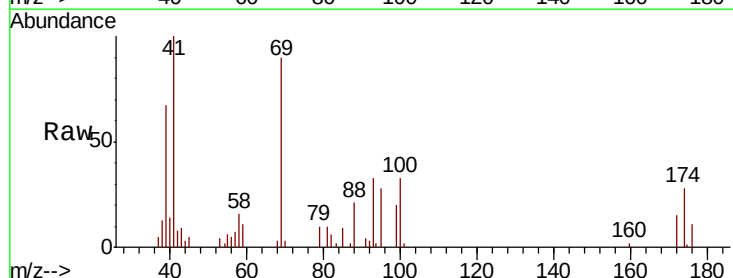
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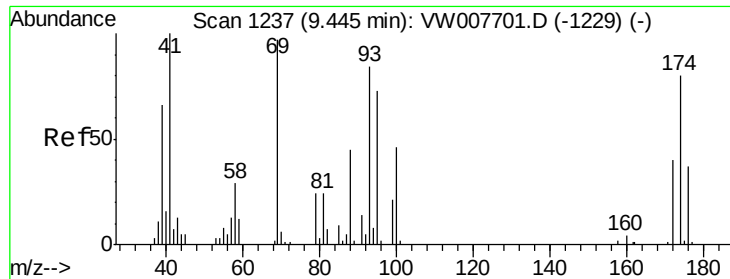
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#48
Methyl methacrylate
Concen: 18.123 ug/l m
RT: 9.44 min Scan# 1236
Delta R.T. 0.01 min
Lab File: VW007707.D
Acq: 19 Dec 2018 18:44

Tgt Ion	Ratio	Lower	Upper
41	100		
69	97.4	74.2	111.2
39	73.3	53.9	80.9





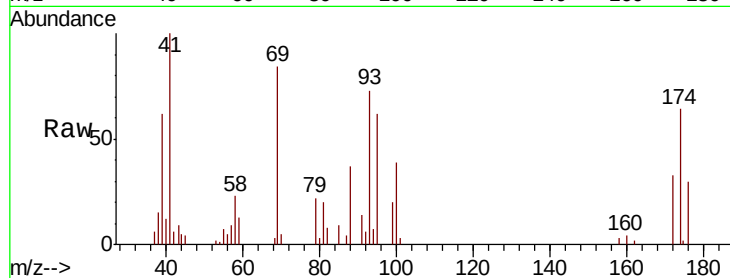
#49
 1,4-Dioxane
 Concen: 381.148 ug/l
 RT: 9.45 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VW007707.D
 Acq: 19 Dec 2018 18:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1221SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.3	25.6	38.4
58	62.8	52.3	78.5

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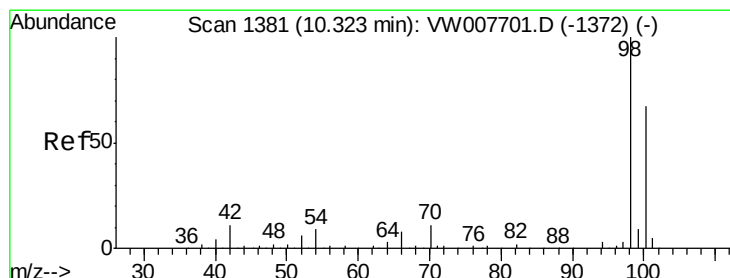
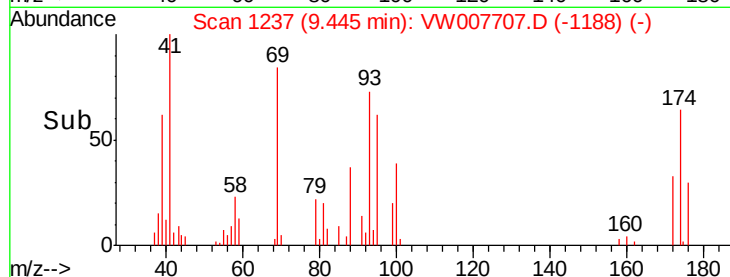
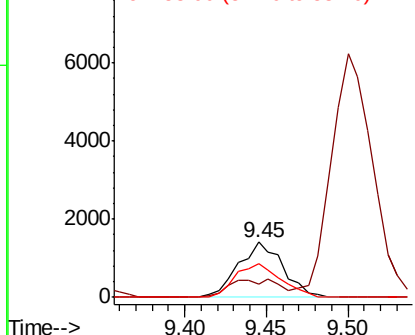


Abundance

Ion 88.00 (87.70 to 88.70): VW

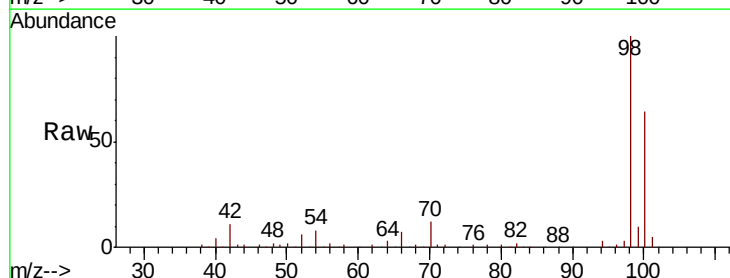
Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50
 Toluene-d8
 Concen: 51.671 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW007707.D
 Acq: 19 Dec 2018 18:44

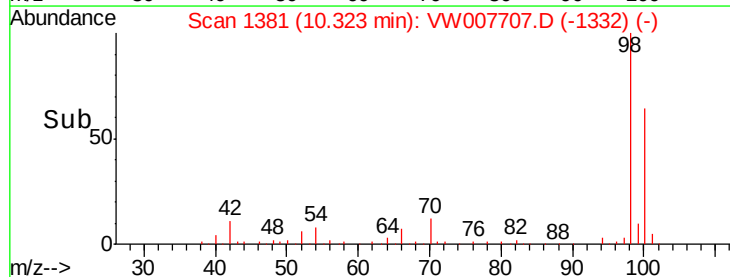
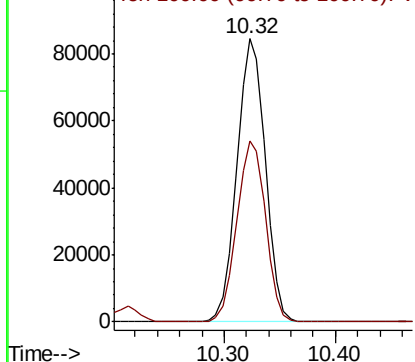
Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.2	78.2

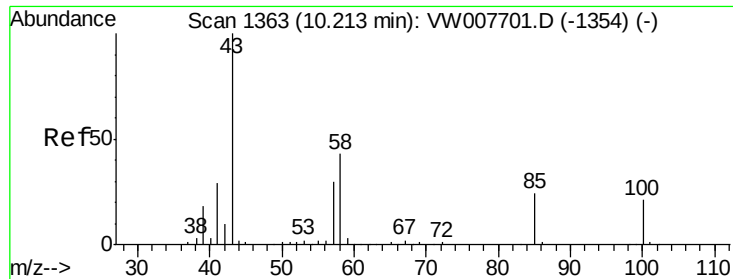


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





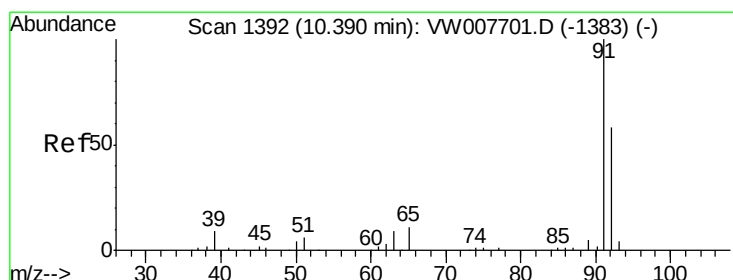
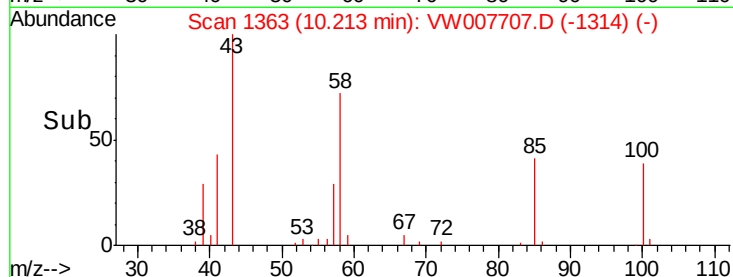
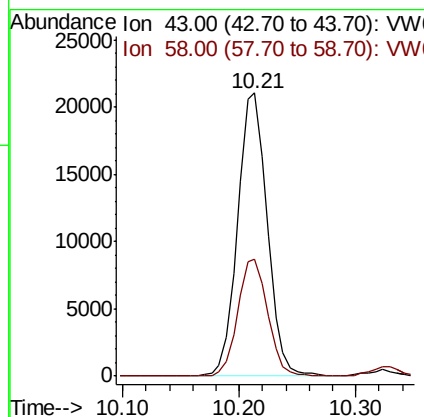
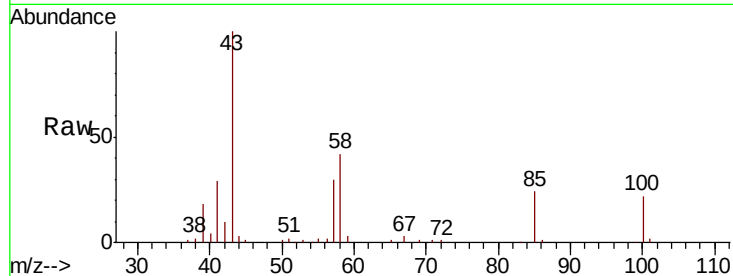
#51
4-Methyl-2-Pentanone
Concen: 94.768 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VW007707.D
Acq: 19 Dec 2018 18:44

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS01

Tot Ion: 43 Resp: 37454
Ion Ratio Lower Upper
43 100
58 41.4 33.2 49.8

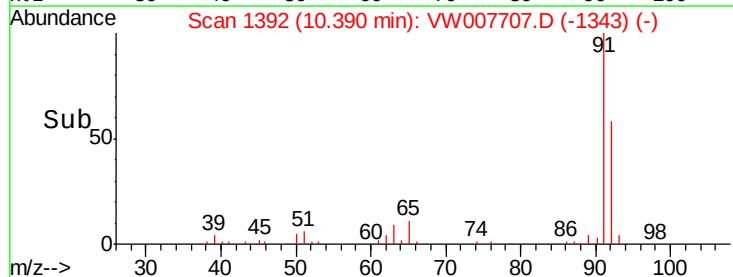
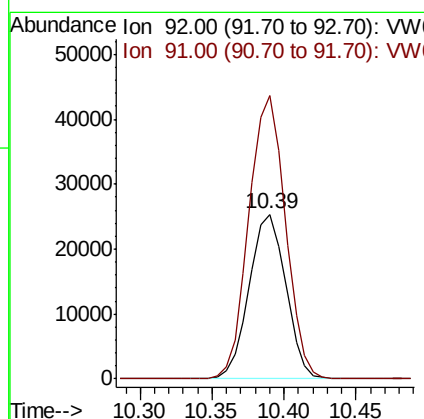
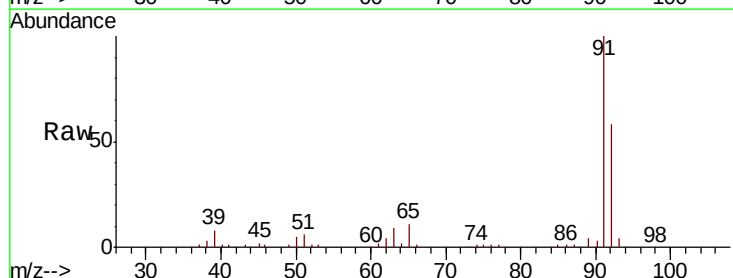
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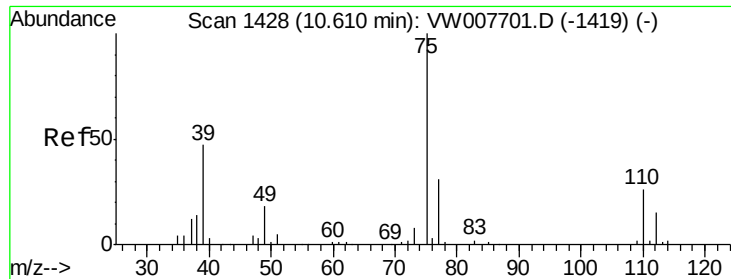
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#52
Toluene
Concen: 20.628 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW007707.D
Acq: 19 Dec 2018 18:44

Tgt Ion: 92 Resp: 44668
Ion Ratio Lower Upper
92 100
91 171.5 137.0 205.4





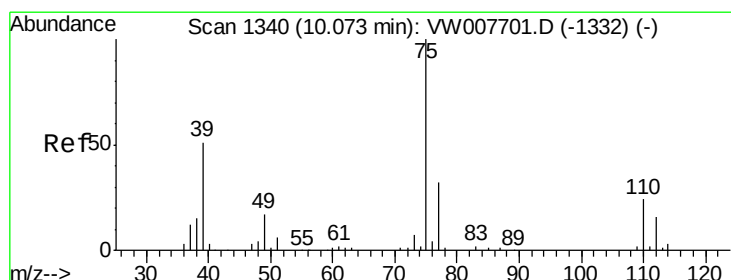
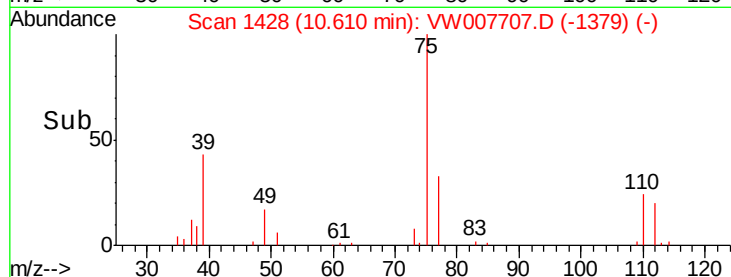
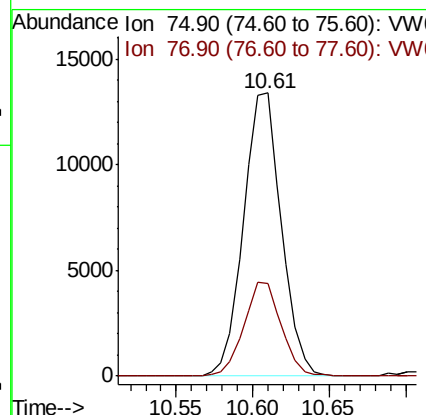
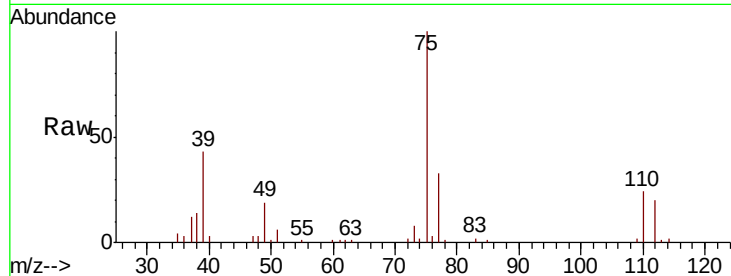
#53
 t-1,3-Dichloropropene
 Concen: 19.916 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. -0.00 min
 Lab File: VW007707.D
 Acq: 19 Dec 2018 18:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1221SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.8	25.2	37.8

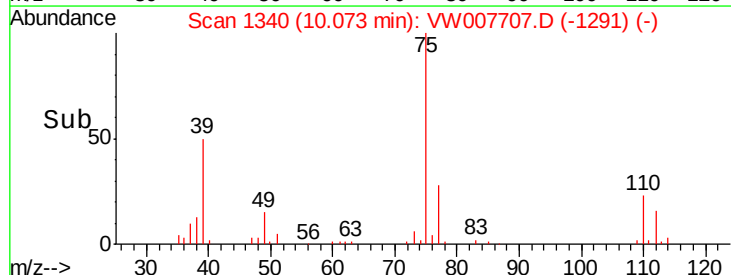
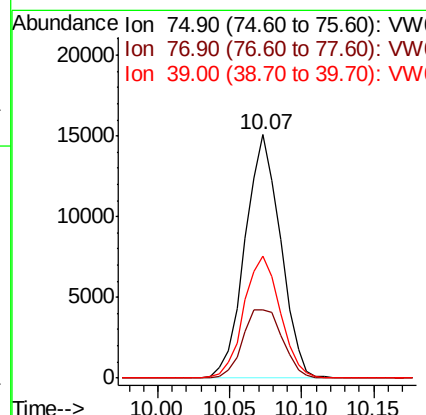
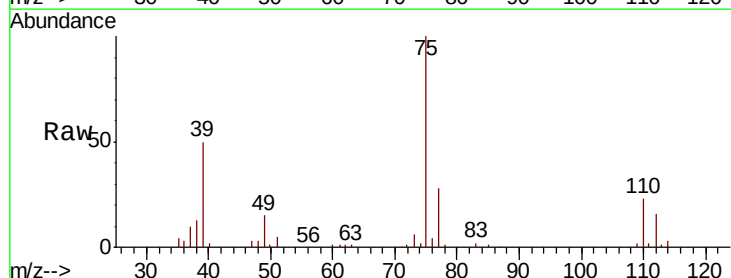
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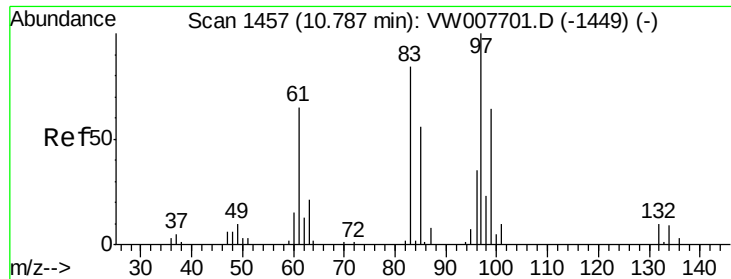
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#54
 cis-1,3-Dichloropropene
 Concen: 20.224 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW007707.D
 Acq: 19 Dec 2018 18:44

Tgt Ion	Ratio	Lower	Upper
75	100		
77	28.2	25.5	38.3
39	50.3	41.2	61.8





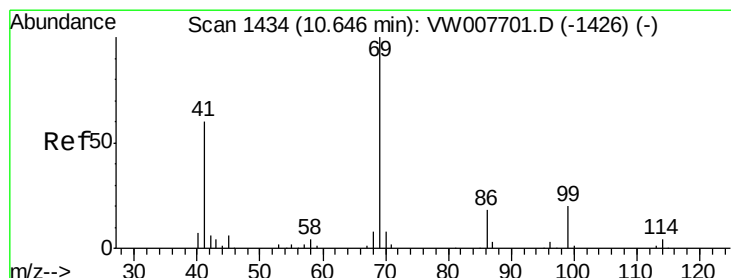
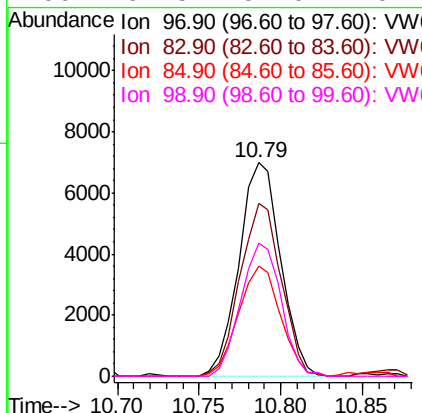
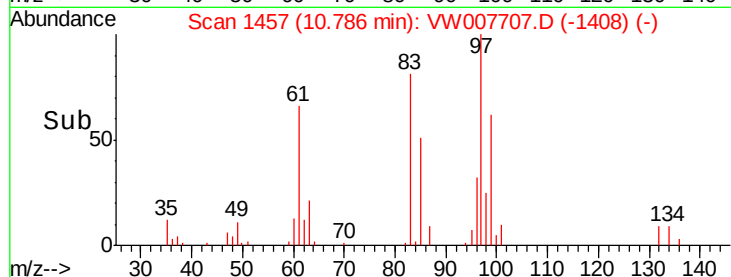
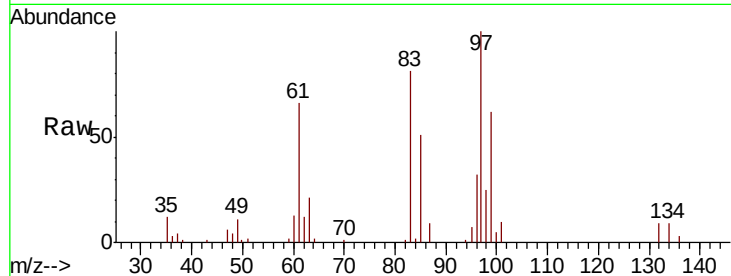
#55
1,1,2-Trichloroethane
Concen: 20.472 ug/l
RT: 10.79 min Scan# 1457
Delta R.T. -0.00 min
Lab File: VW007707.D
Acq: 19 Dec 2018 18:44

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS01

Tot Ion:	97	Resp:	12442
Ion	Ratio	Lower	Upper
97	100		
83	81.0	67.5	101.3
85	51.4	44.8	67.2
99	62.5	51.0	76.4

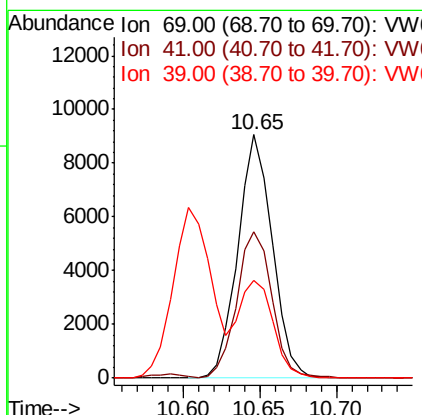
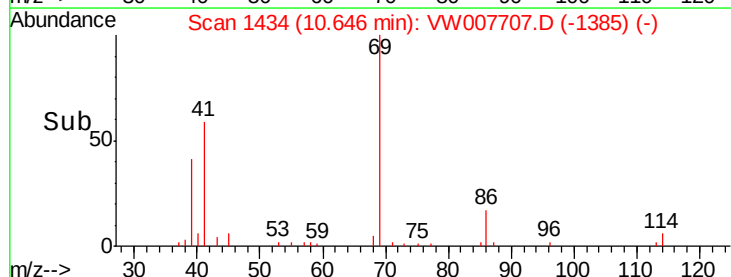
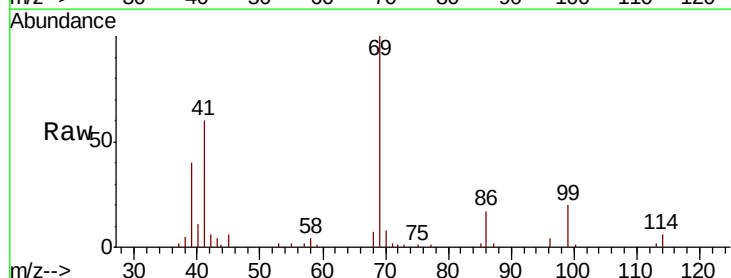
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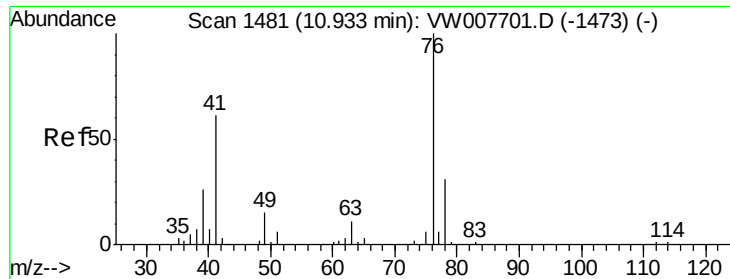
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#56
Ethyl methacrylate
Concen: 19.763 ug/l
RT: 10.65 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW007707.D
Acq: 19 Dec 2018 18:44

Tgt Ion:	69	Resp:	14191
Ion	Ratio	Lower	Upper
69	100		
41	61.5	48.9	73.3
39	40.8	31.3	46.9





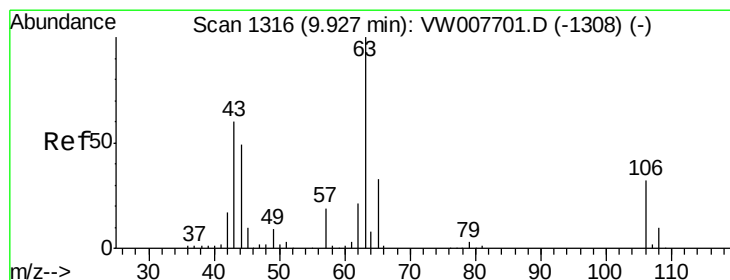
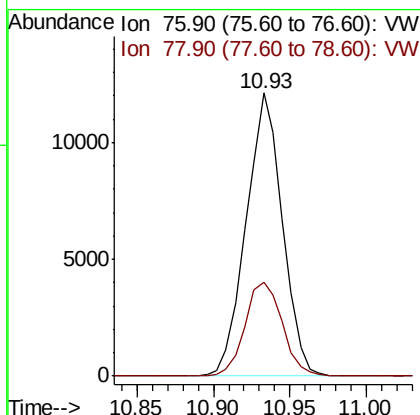
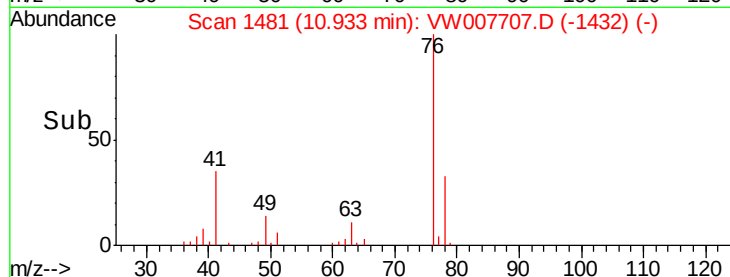
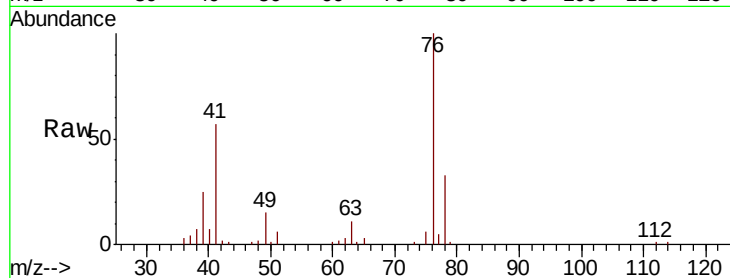
#57
 1,3-Dichloropropane
 Concen: 19.752 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW007707.D
 Acq: 19 Dec 2018 18:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1221SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	34.4	26.2	39.2

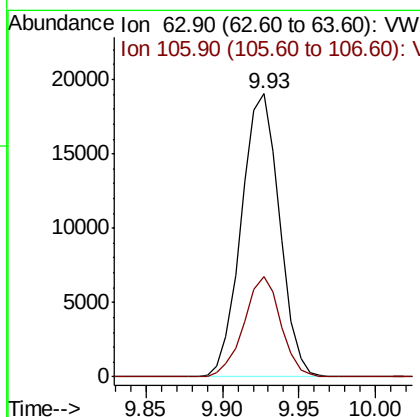
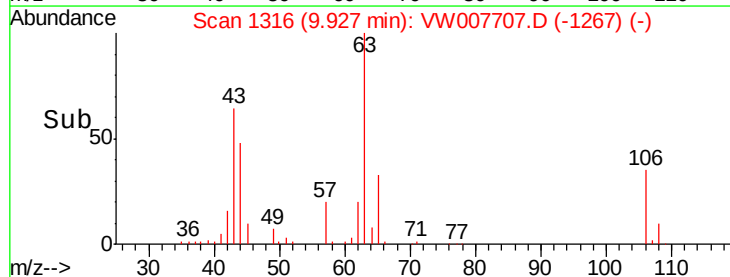
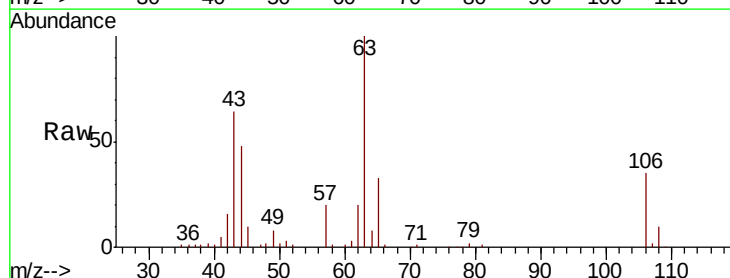
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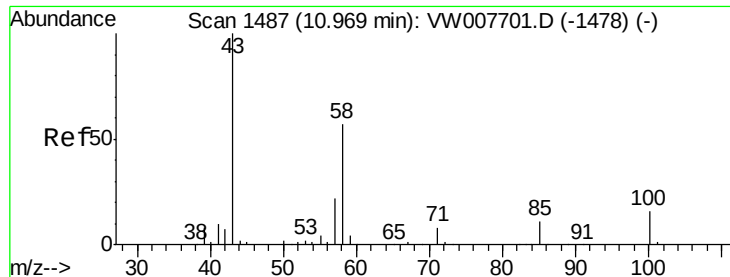
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#58
 2-Chloroethyl Vinyl ether
 Concen: 100.816 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW007707.D
 Acq: 19 Dec 2018 18:44

Tgt Ion	Ratio	Lower	Upper
63	100		
106	34.1	25.9	38.9





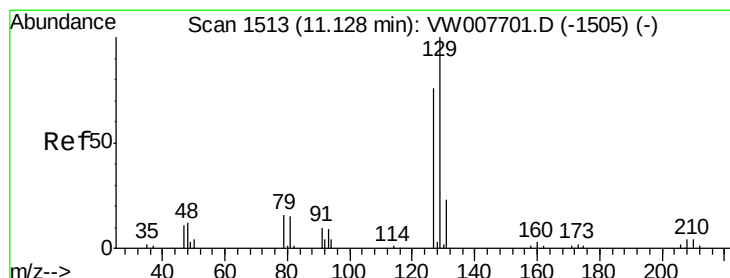
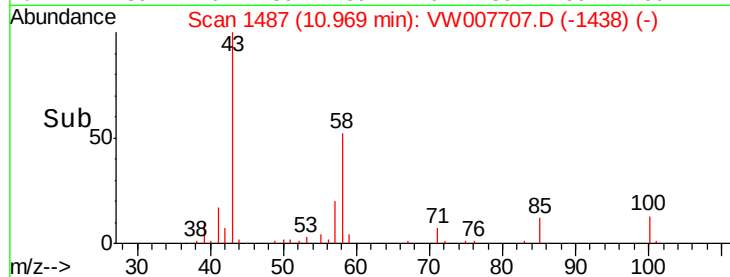
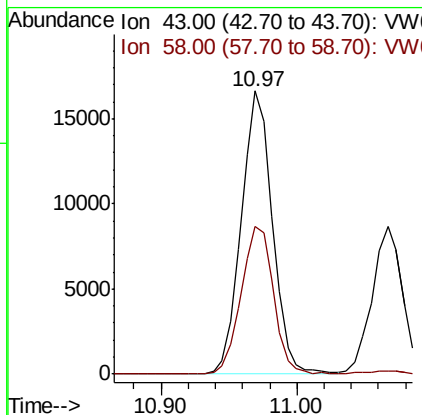
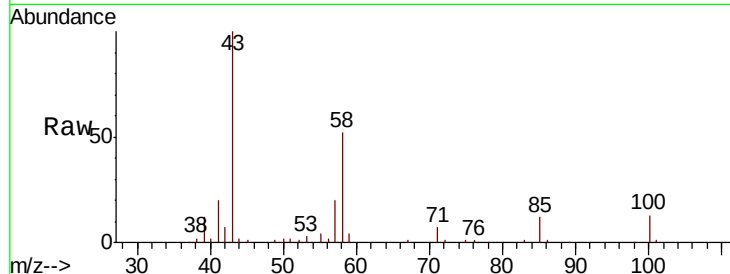
#59
2-Hexanone
Concen: 95.983 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW007707.D
Acq: 19 Dec 2018 18:44

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS01

Tot Ion: 43 Resp: 26678
Ion Ratio Lower Upper
43 100
58 54.1 27.7 83.1

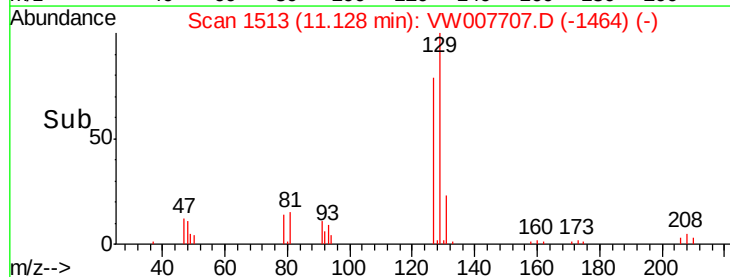
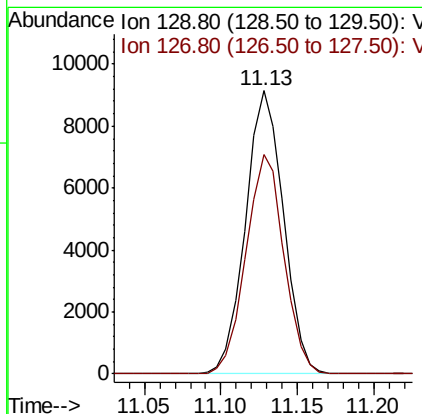
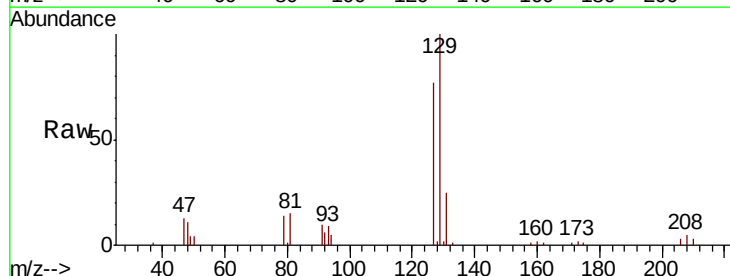
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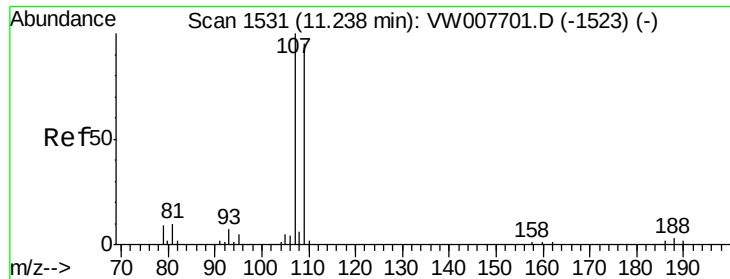
apatel
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#60
Dibromochloromethane
Concen: 19.607 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW007707.D
Acq: 19 Dec 2018 18:44

Tgt Ion: 129 Resp: 15778
Ion Ratio Lower Upper
129 100
127 77.2 38.3 114.9





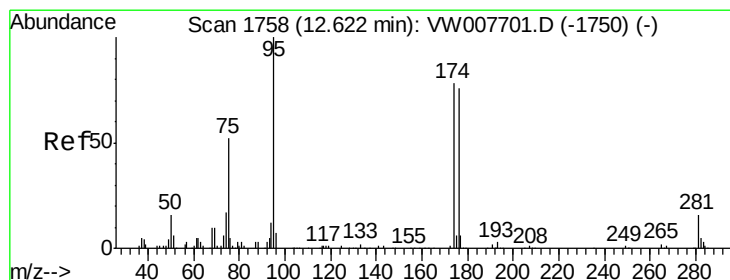
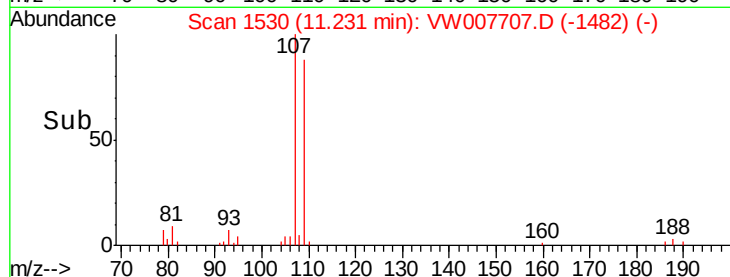
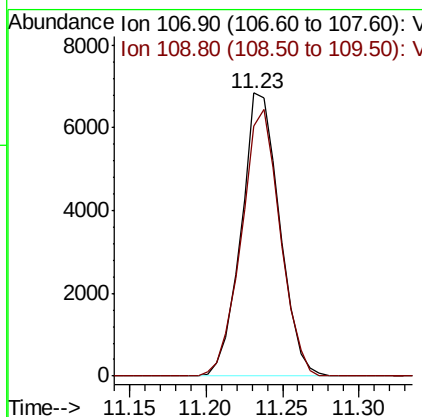
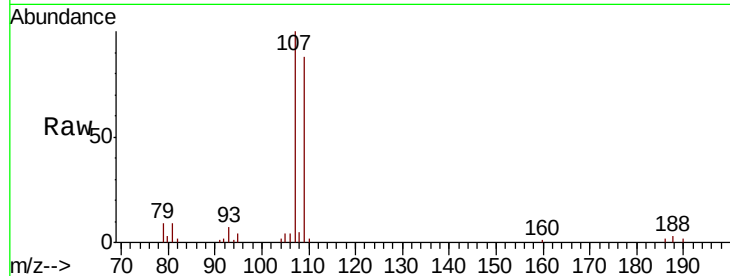
#61
 1,2-Dibromoethane
 Concen: 19.326 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW007707.D
 Acq: 19 Dec 2018 18:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1221SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.2	75.4	113.0

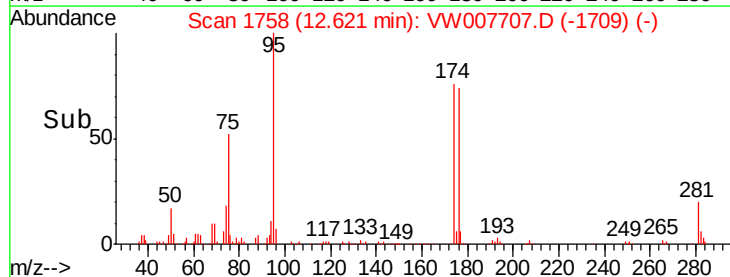
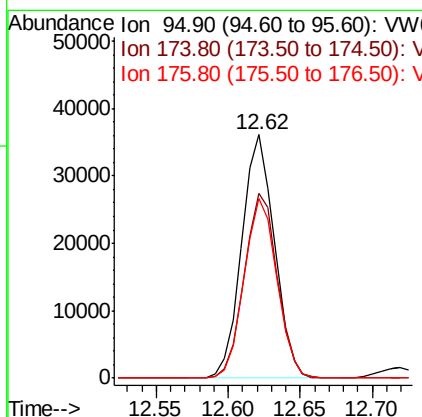
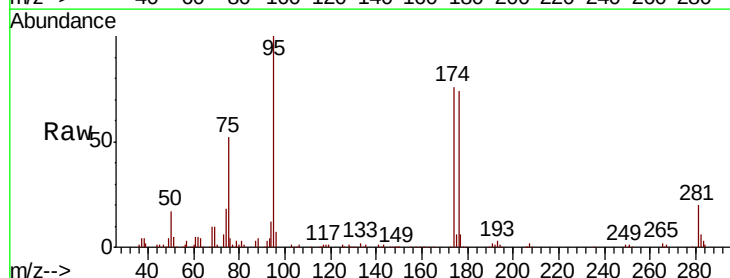
Manual Integrations
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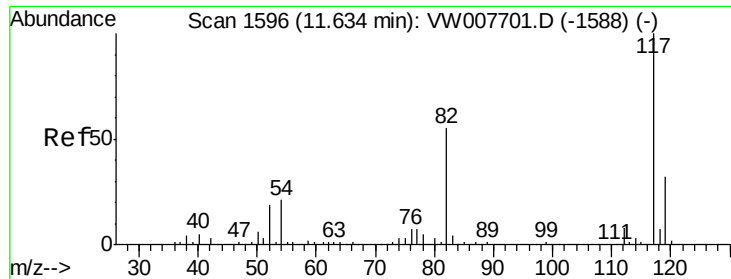
apatel
 12/20/2018 11:19:55 AM



#62
 4-Bromofluorobenzene
 Concen: 50.984 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW007707.D
 Acq: 19 Dec 2018 18:44

Tgt Ion	Ratio	Lower	Upper
95	100		
174	76.5	0.0	152.2
176	74.0	0.0	146.8





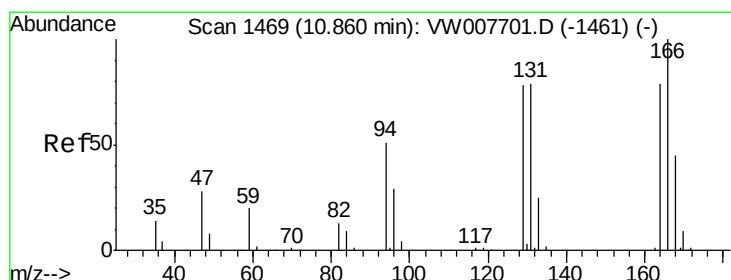
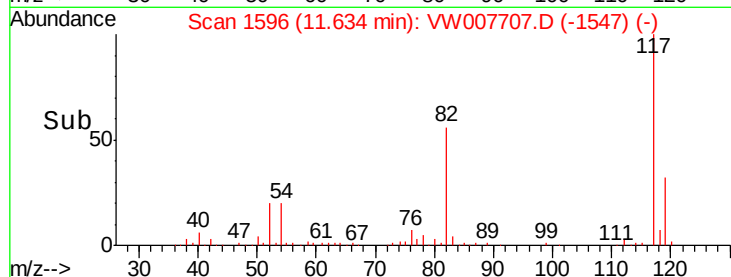
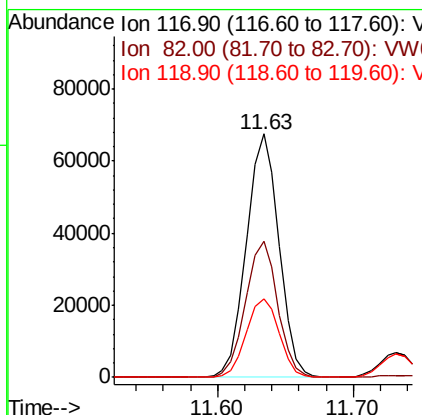
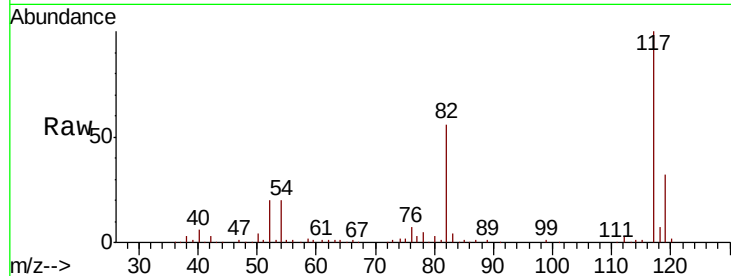
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007707.D
Acq: 19 Dec 2018 18:44

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.1	44.3	66.5
119	32.2	25.7	38.5

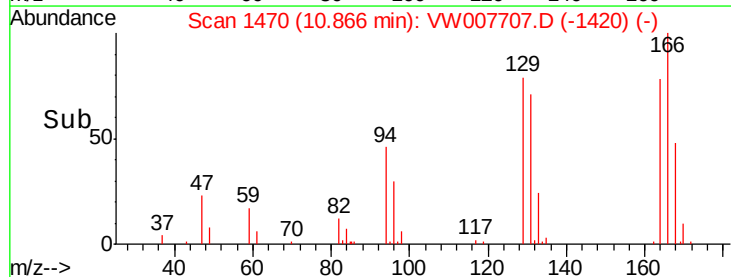
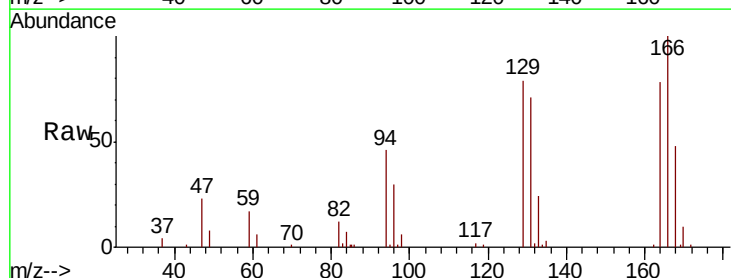
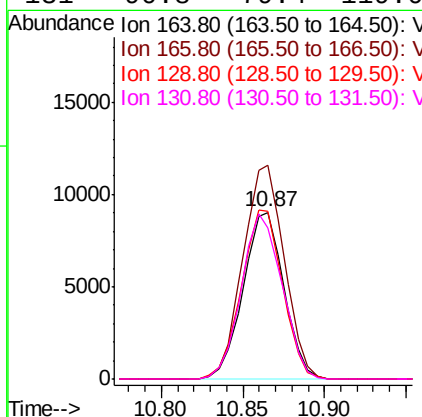
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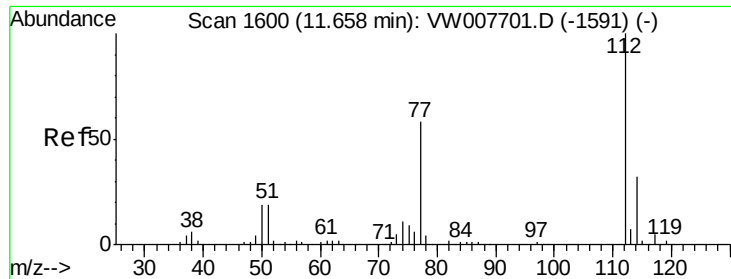
apatel
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#64
Tetrachloroethene
Concen: 19.519 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW007707.D
Acq: 19 Dec 2018 18:44

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.0	101.0	151.6
129	100.9	78.7	118.1
131	90.8	79.4	119.0





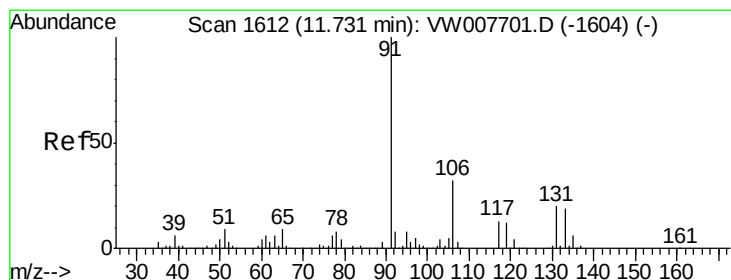
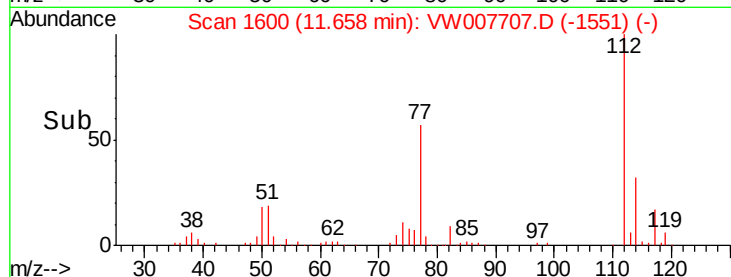
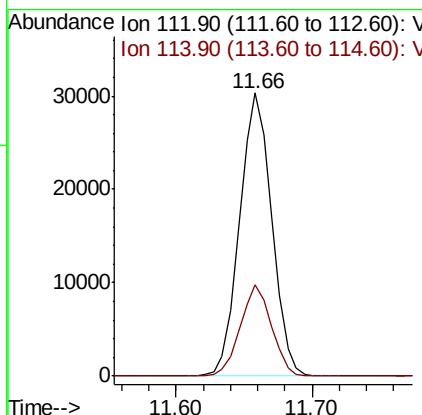
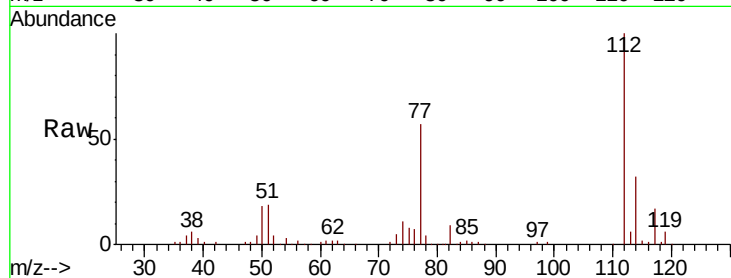
#65
Chlorobenzene
Concen: 20.424 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007707.D
Acq: 19 Dec 2018 18:44

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS01

Tot Ion:112 Resp: 50062
Ion Ratio Lower Upper
112 100
114 32.2 25.2 37.8

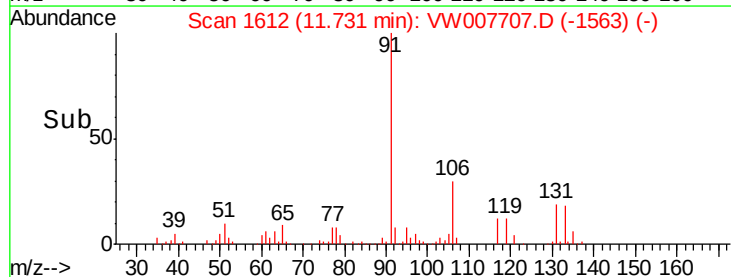
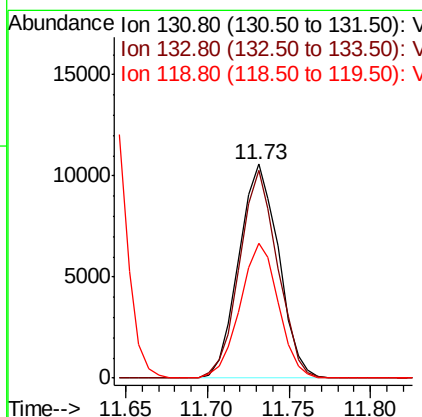
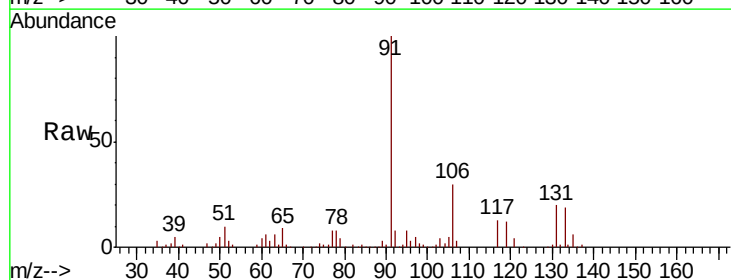
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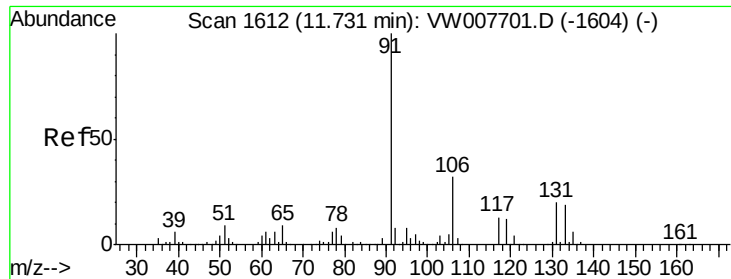
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.516 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007707.D
Acq: 19 Dec 2018 18:44

Tgt Ion:131 Resp: 17969
Ion Ratio Lower Upper
131 100
133 92.9 47.5 142.5
119 60.8 30.2 90.6





#67

Ethyl Benzene

Concen: 20.357 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW007707.D

Acq: 19 Dec 2018 18:44

Instrument :

MSVOA_W

ClientSampleId :

VW1221SBS01

Tot Ion: 91 Resp: 85624

Ion Ratio Lower Upper

91 100

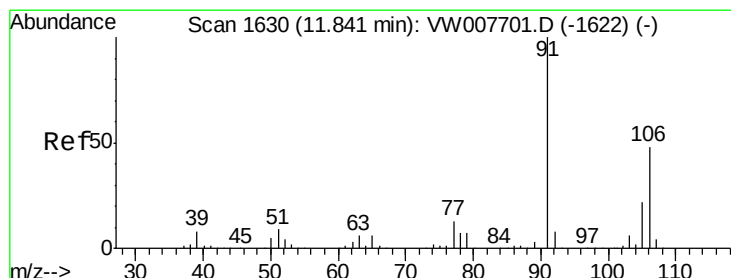
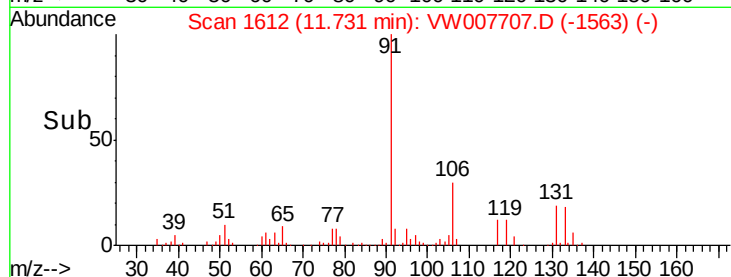
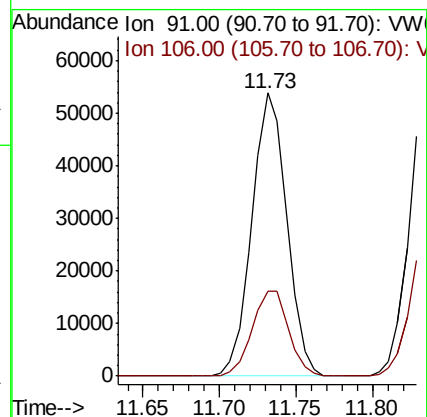
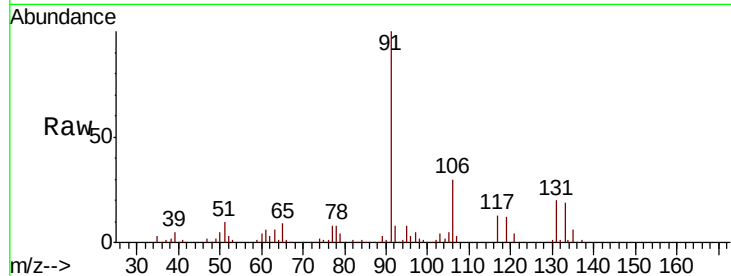
106 30.2 25.8 38.8

Manual Integrations

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#68

m/p-Xylenes

Concen: 40.786 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VW007707.D

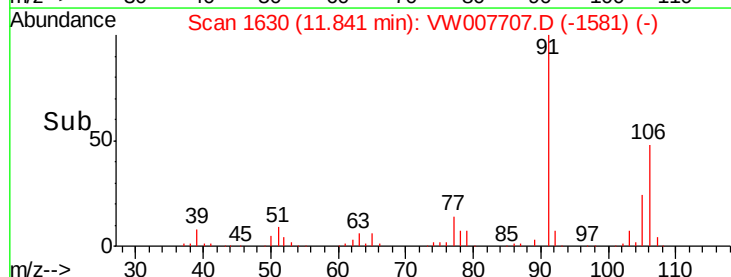
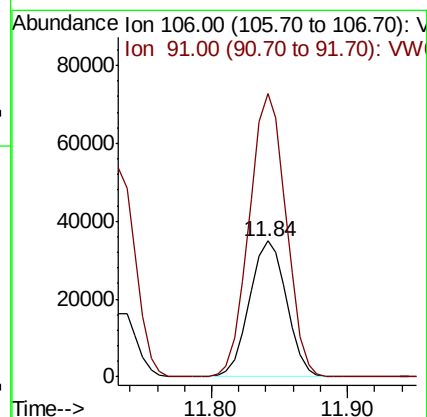
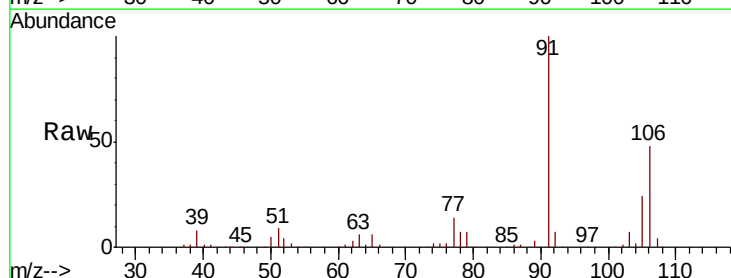
Acq: 19 Dec 2018 18:44

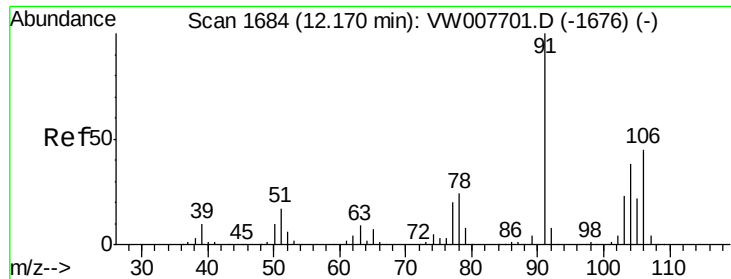
Tgt Ion:106 Resp: 66547

Ion Ratio Lower Upper

106 100

91 207.5 165.2 247.8





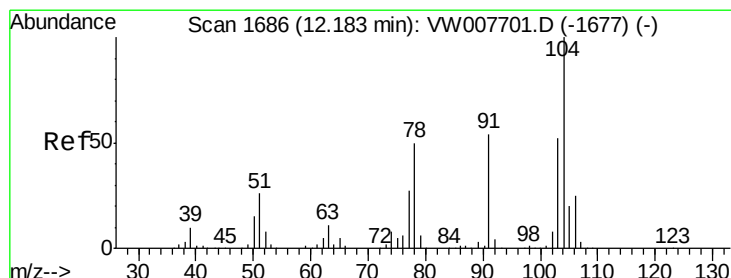
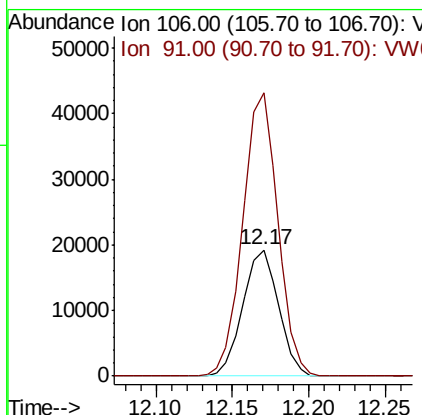
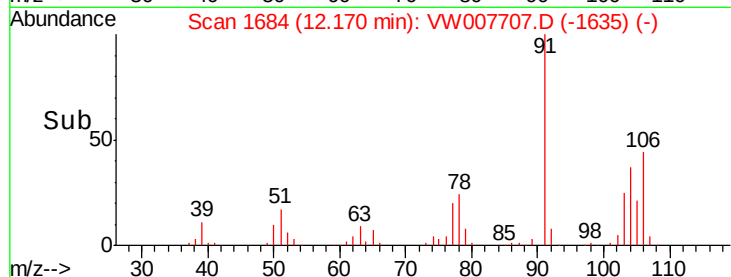
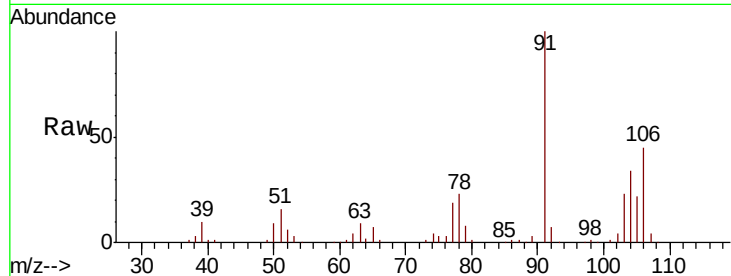
#69
o-Xylene
Concen: 20.485 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007707.D
Acq: 19 Dec 2018 18:44

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	219.4	110.5	331.4

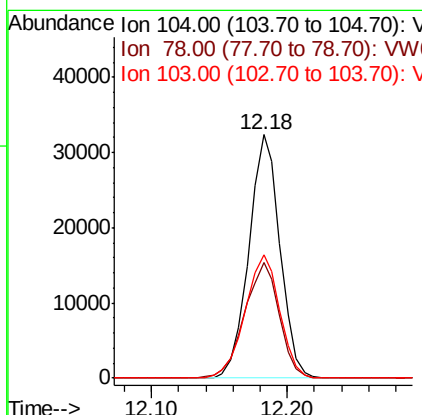
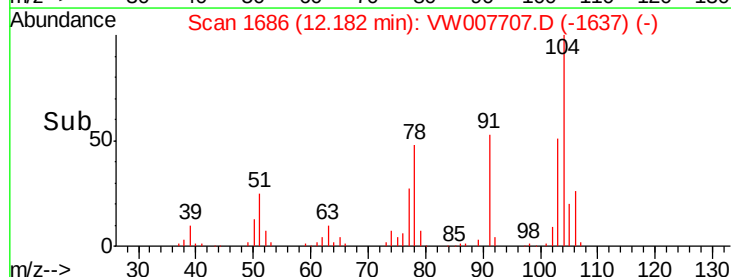
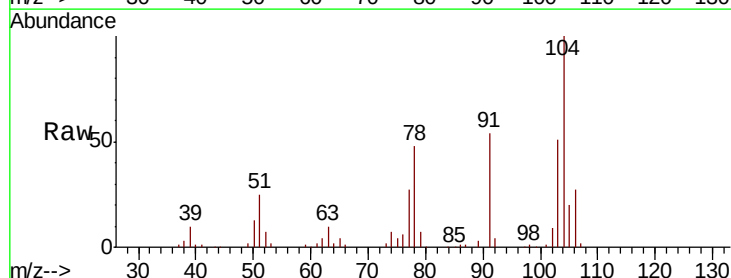
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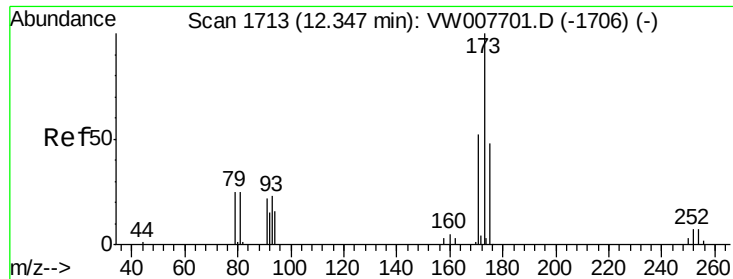
apatel
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#70
Styrene
Concen: 20.624 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007707.D
Acq: 19 Dec 2018 18:44

Tgt Ion	Ratio	Lower	Upper
104	100		
78	52.7	43.4	65.0
103	55.9	44.5	66.7





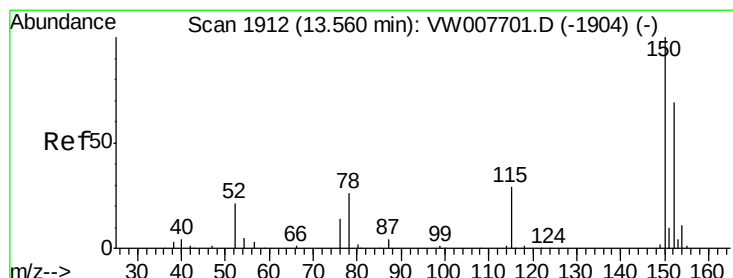
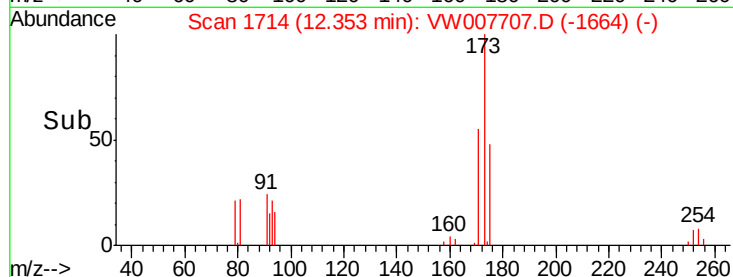
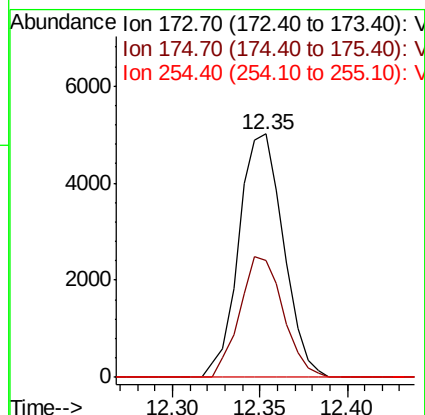
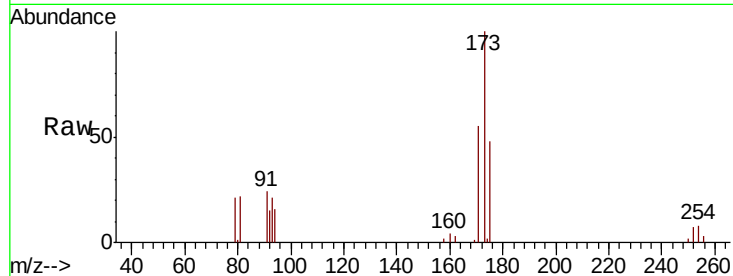
#71
Bromoform
Concen: 19.555 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.01 min
Lab File: VW007707.D
Acq: 19 Dec 2018 18:44

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.3	23.9	71.7
254	0.0	0.0	0.0

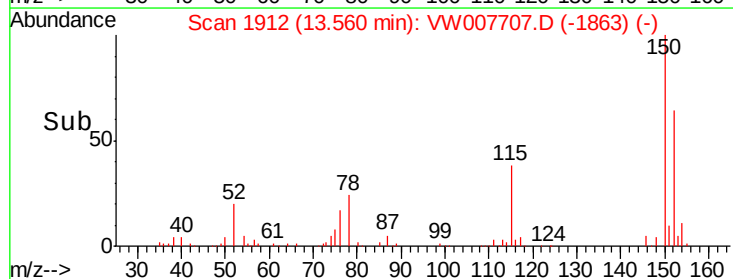
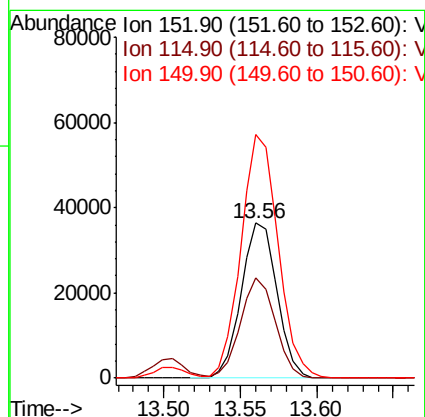
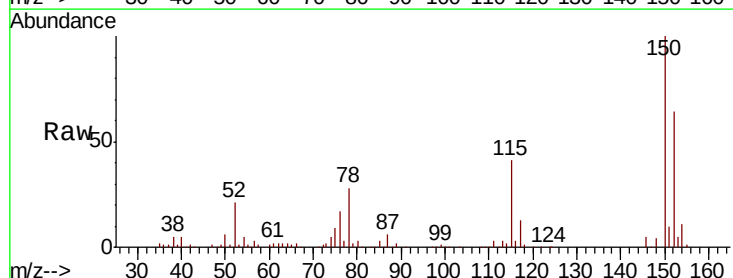
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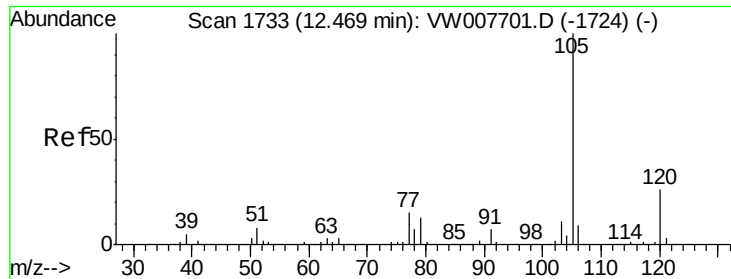
apatel
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007707.D
Acq: 19 Dec 2018 18:44

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.5	31.8	95.4
150	162.3	0.0	350.8





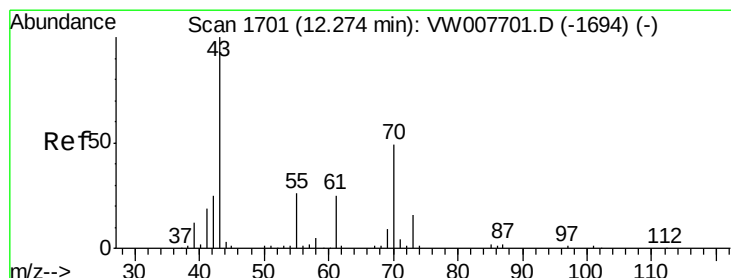
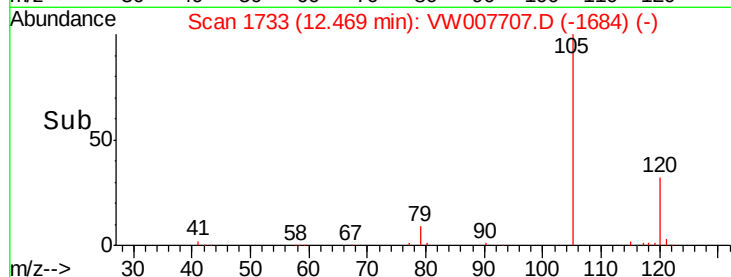
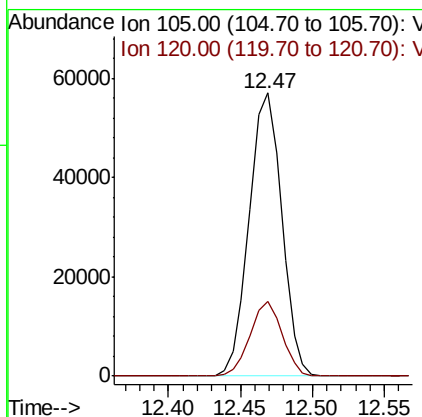
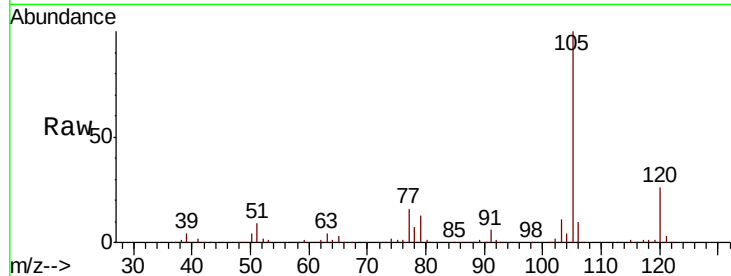
#73
Isopropylbenzene
Concen: 19.911 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VW007707.D
Acq: 19 Dec 2018 18:44

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS01

Tot Ion:105 Resp: 89253
Ion Ratio Lower Upper
105 100
120 25.8 13.1 39.3

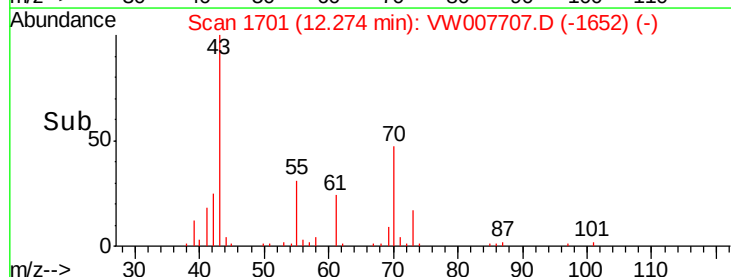
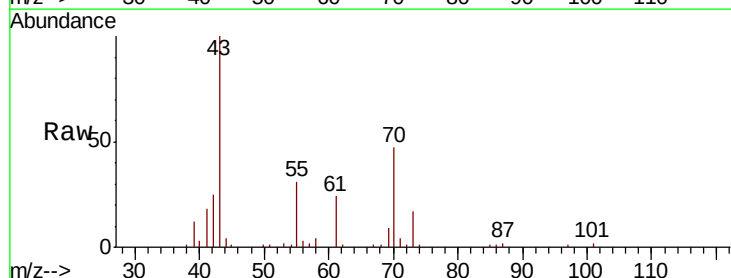
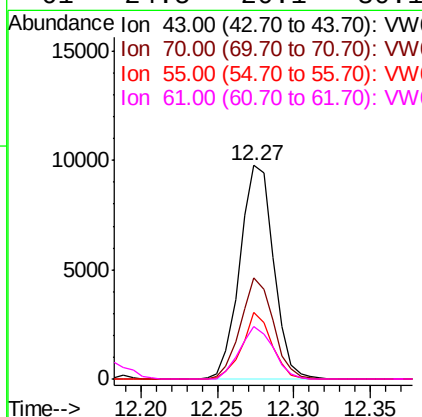
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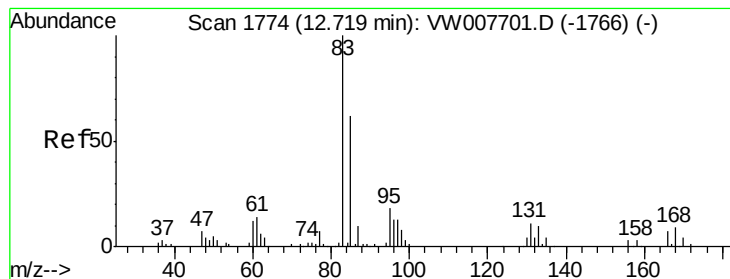
apatel
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#74
N-ethyl acetate
Concen: 19.300 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. -0.00 min
Lab File: VW007707.D
Acq: 19 Dec 2018 18:44

Tgt Ion: 43 Resp: 14986
Ion Ratio Lower Upper
43 100
70 45.7 37.6 56.4
55 27.1 21.7 32.5
61 24.5 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 18.999 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW007707.D

Acq: 19 Dec 2018 18:44

Instrument :

MSVOA_W

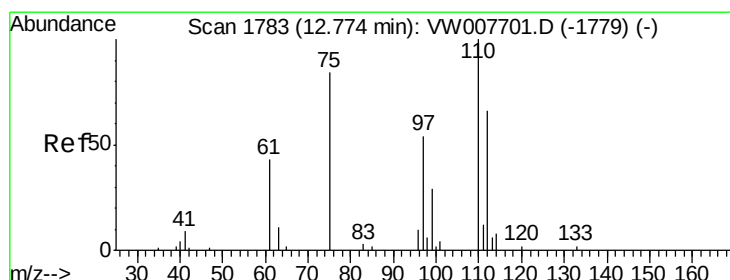
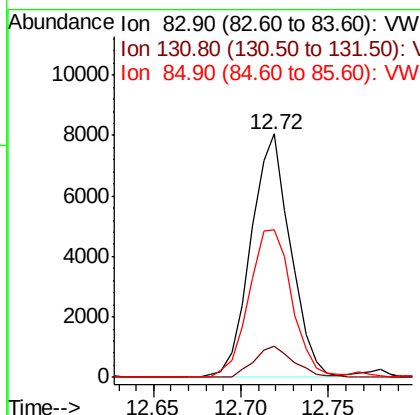
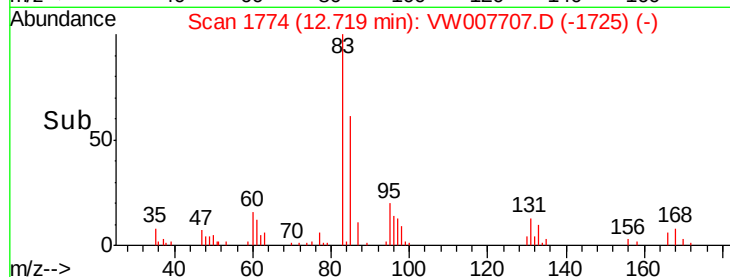
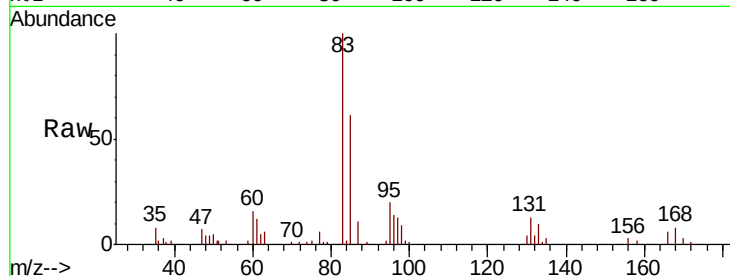
ClientSampleId :

VW1221SBS01

Tot Ion:	83	Resp:	12769
Ion	Ratio	Lower	Upper
83	100		
131	13.0	6.3	18.8
85	65.7	32.3	96.8

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#76

1,2,3-Trichloropropane

Concen: 22.391 ug/l m

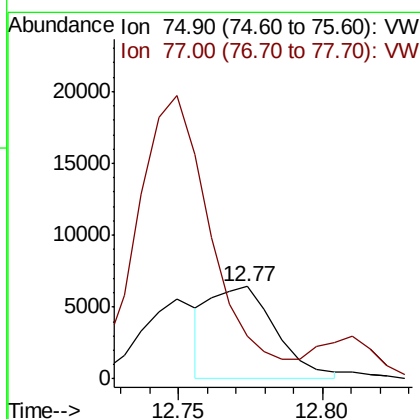
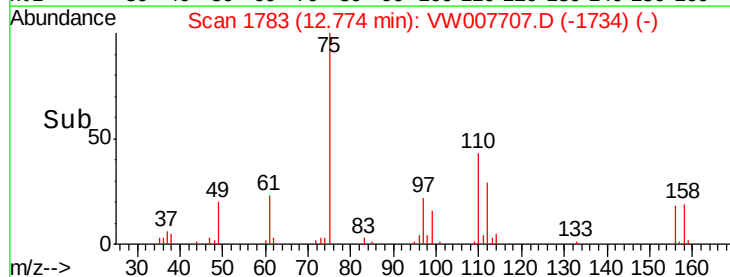
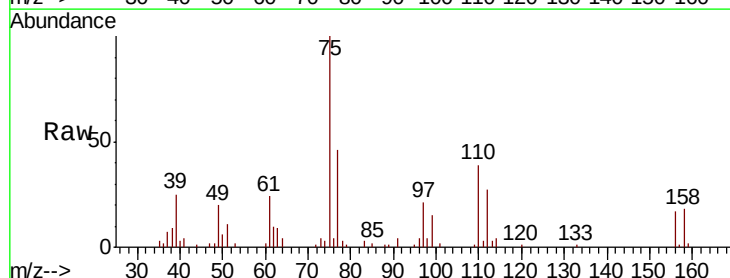
RT: 12.77 min Scan# 1783

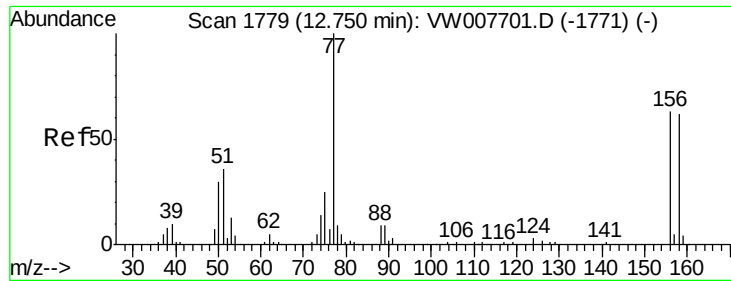
Delta R.T. -0.00 min

Lab File: VW007707.D

Acq: 19 Dec 2018 18:44

Tgt Ion:	75	Resp:	10263
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.285 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007707.D

Acq: 19 Dec 2018 18:44

Instrument :

MSVOA_W

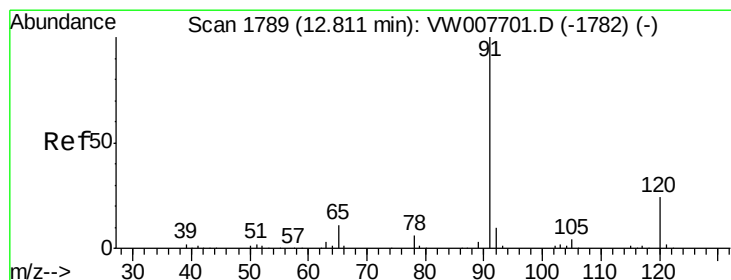
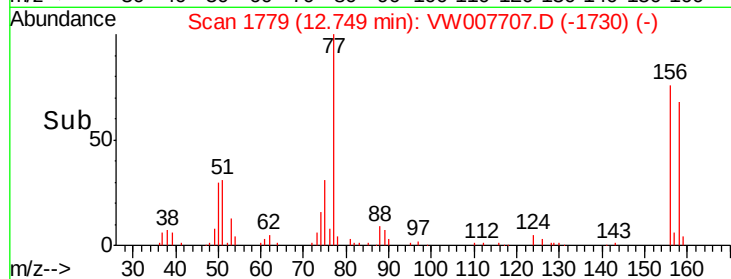
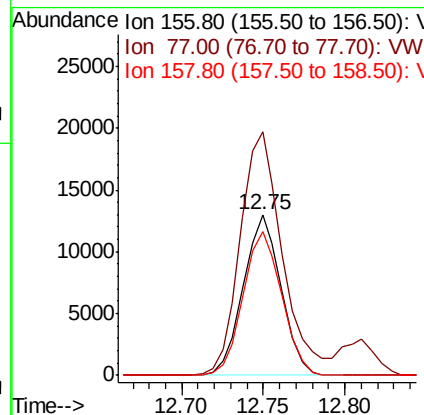
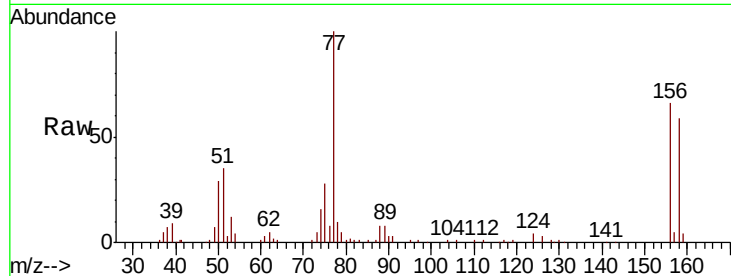
ClientSampleId :

VW1221SBS01

Tot Ion	156	Resp	20839
Ion Ratio	100	Lower	Upper
77	168.8	87.4	262.1
158	91.5	48.4	145.0

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#78

n-propylbenzene

Concen: 19.890 ug/l

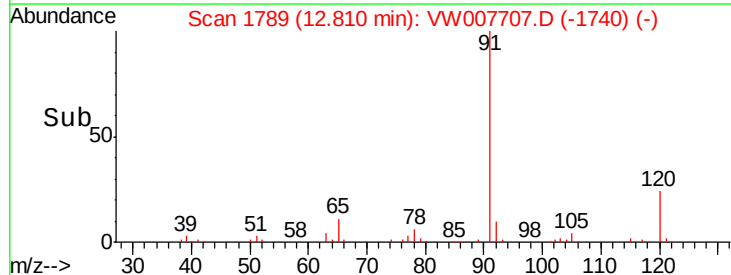
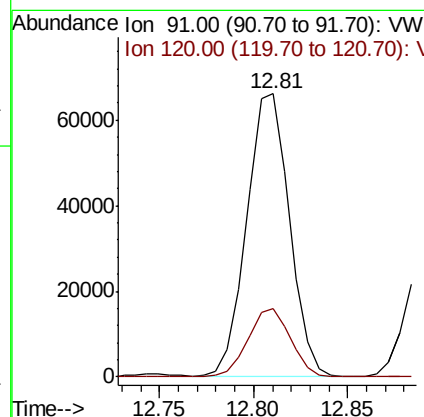
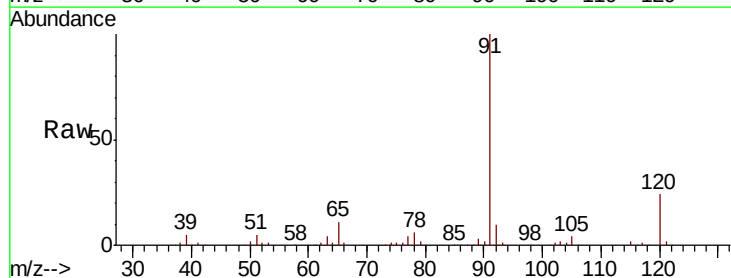
RT: 12.81 min Scan# 1789

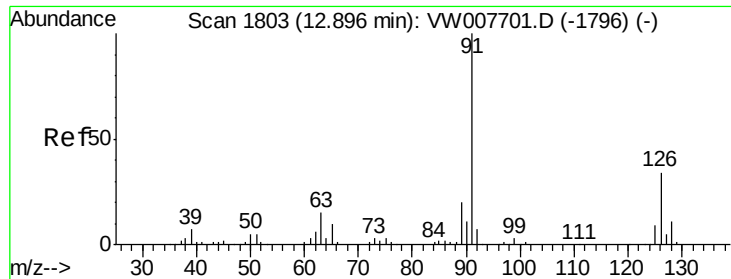
Delta R.T. -0.00 min

Lab File: VW007707.D

Acq: 19 Dec 2018 18:44

Tgt Ion	91	Resp	103786
Ion Ratio	100	Lower	Upper
91	100	11.9	35.7
120	23.9	11.9	35.7





#79

2-Chlorotoluene

Concen: 19.852 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW007707.D

Acq: 19 Dec 2018 18:44

Instrument :

MSVOA_W

ClientSampleId :

VW1221SBS01

Tot Ion: 91 Resp: 60346

Ion Ratio Lower Upper

91 100

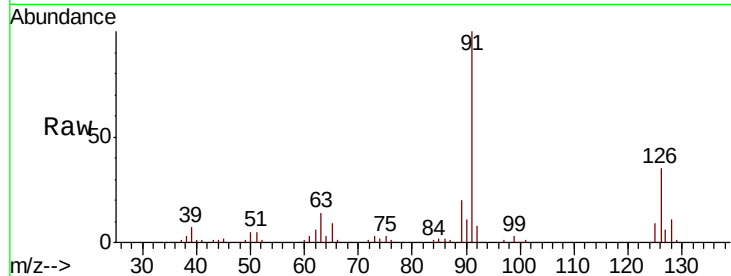
126 34.2 17.0 51.0

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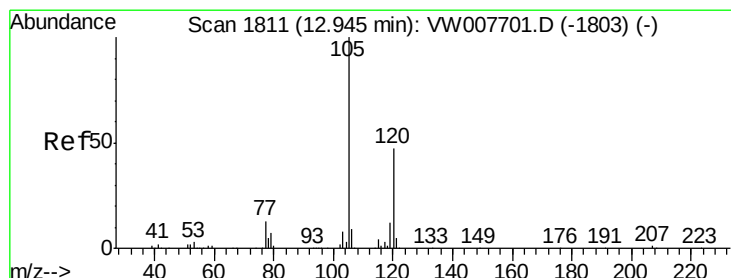
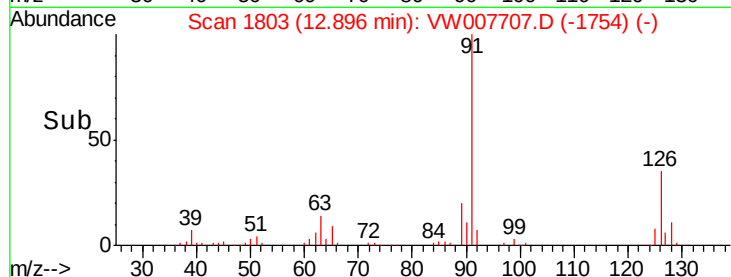
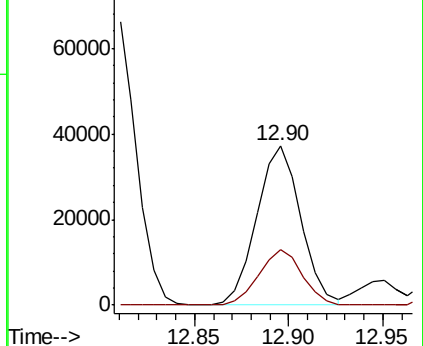
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.148 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW007707.D

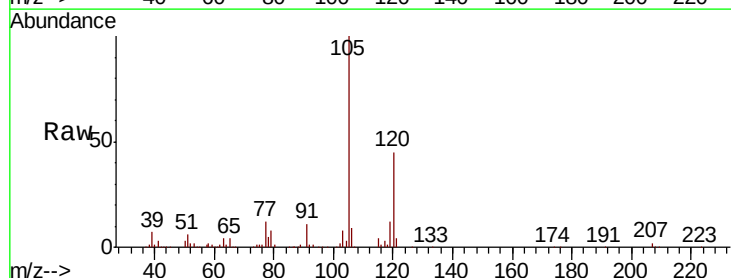
Acq: 19 Dec 2018 18:44

Tgt Ion:105 Resp: 77903

Ion Ratio Lower Upper

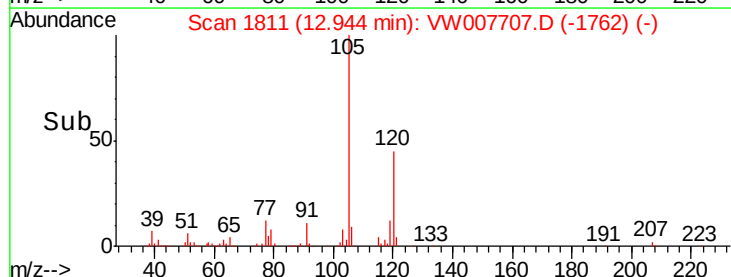
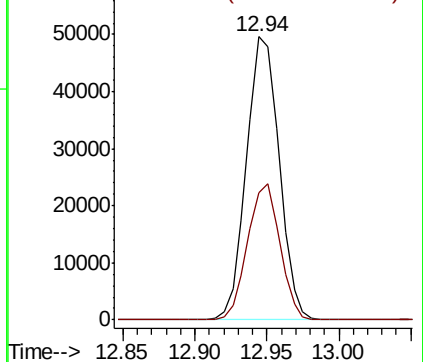
105 100

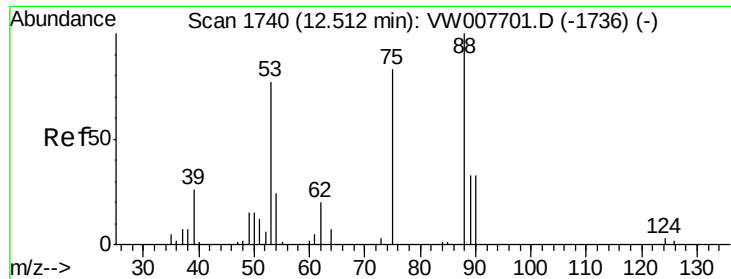
120 47.4 23.6 70.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





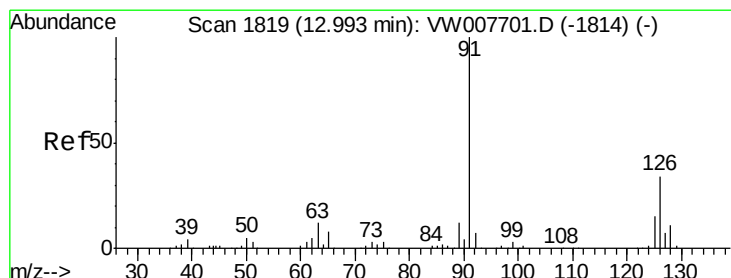
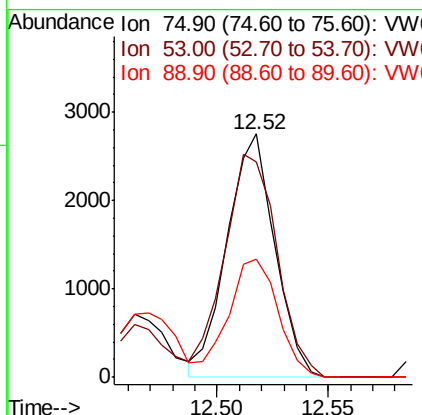
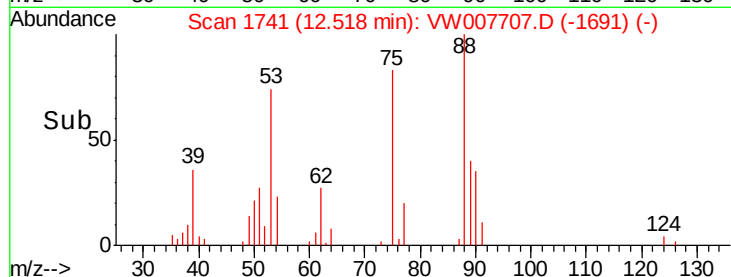
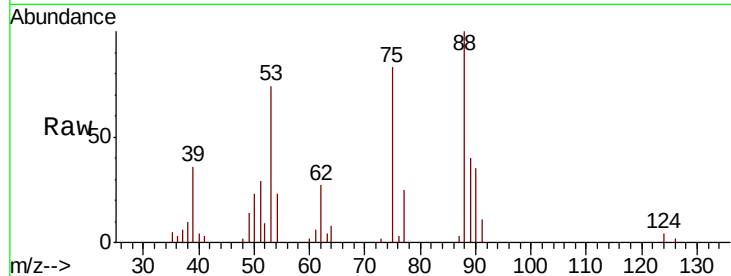
#81
trans-1,4-Dichloro-2-butene
Concen: 18.795 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.01 min
Lab File: VW007707.D
Acq: 19 Dec 2018 18:44

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	101.6	80.2	120.2
89	51.1	39.2	58.8

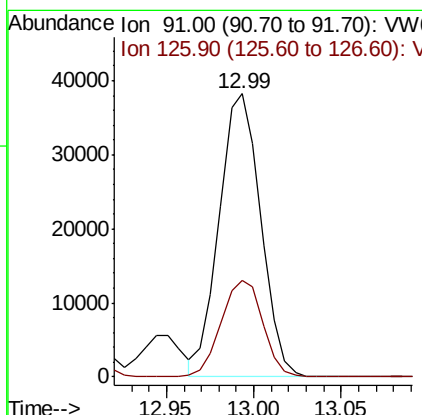
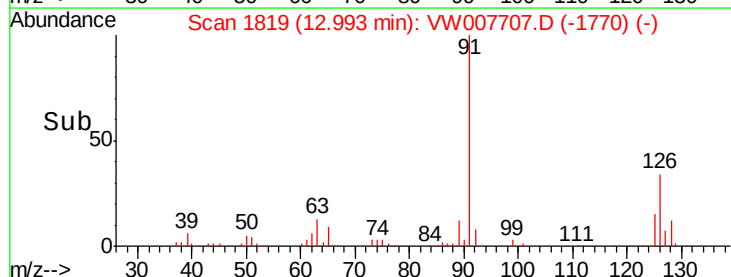
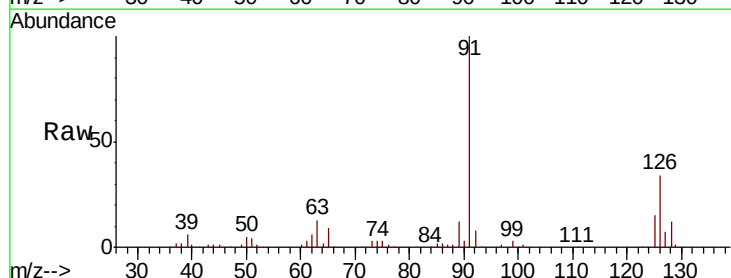
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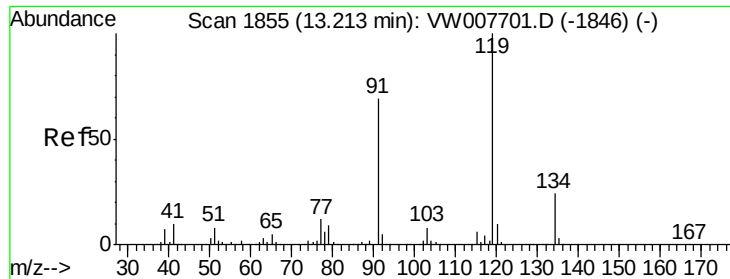
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#82
4-Chlorotoluene
Concen: 19.490 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW007707.D
Acq: 19 Dec 2018 18:44

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.2	16.5	49.5





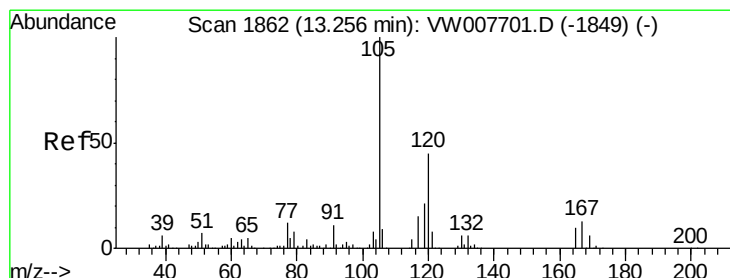
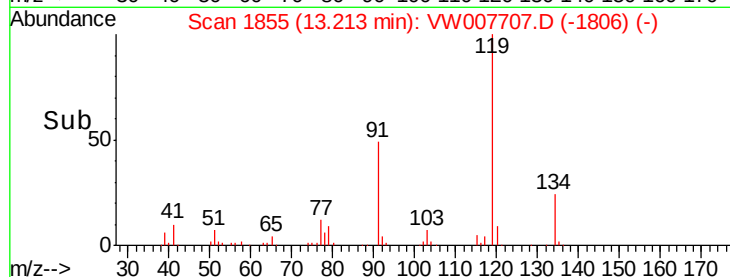
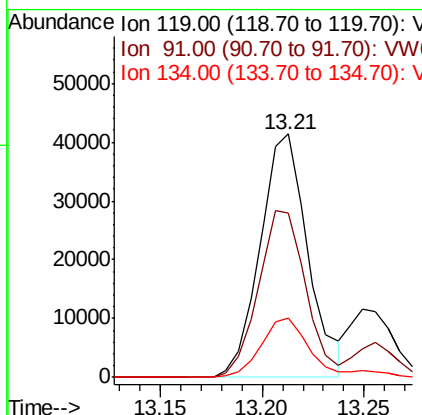
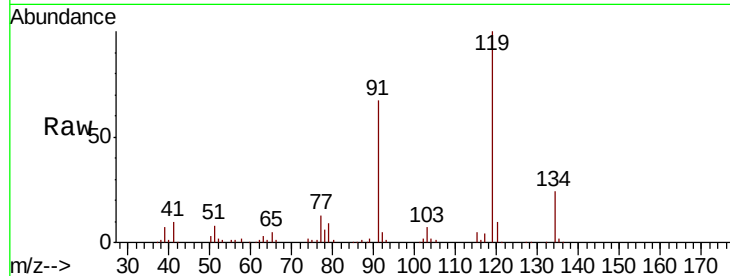
#83
tert-Butylbenzene
Concen: 19.920 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW007707.D
Acq: 19 Dec 2018 18:44

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	67.8	34.2	102.5
134	24.3	12.8	38.4

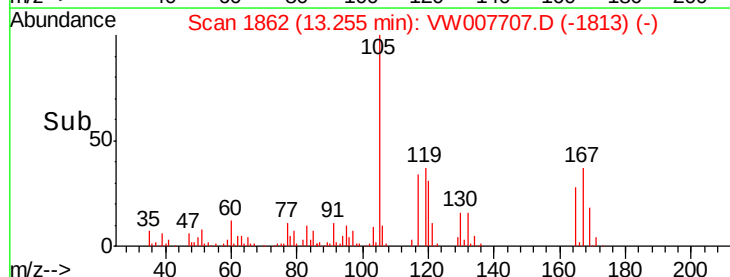
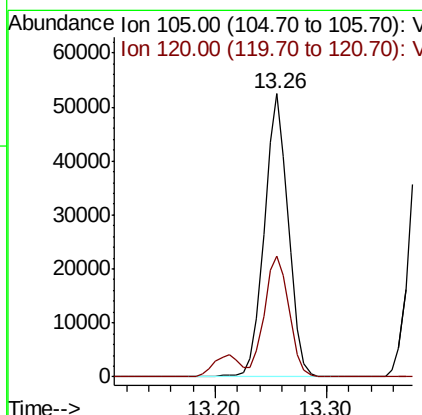
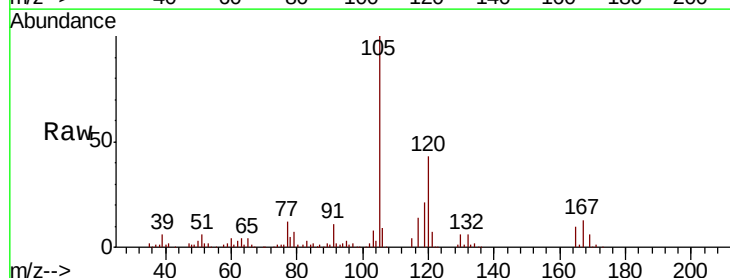
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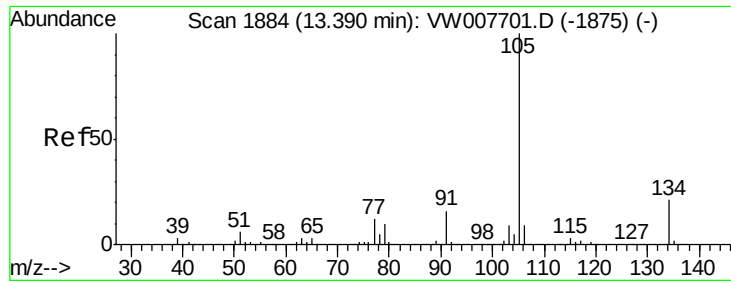
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#84
1,2,4-Trimethylbenzene
Concen: 20.169 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW007707.D
Acq: 19 Dec 2018 18:44

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.2	22.0	66.0





#85

sec-Butylbenzene

Concen: 19.909 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW007707.D

Acq: 19 Dec 2018 18:44

Instrument :

MSVOA_W

ClientSampleId :

VW1221SBS01

Tot Ion:105 Resp: 93089

Ion Ratio Lower Upper

105 100

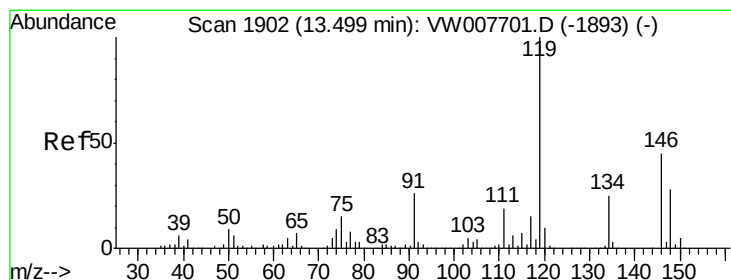
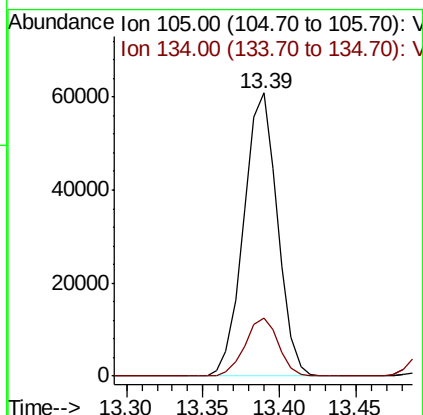
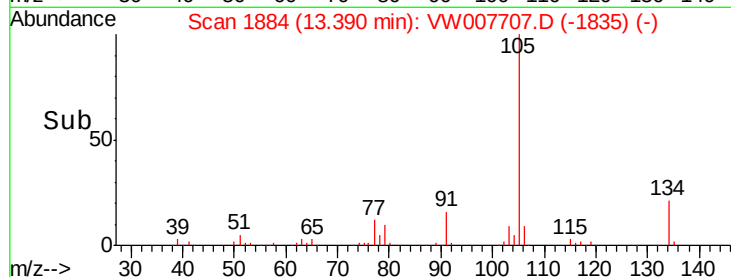
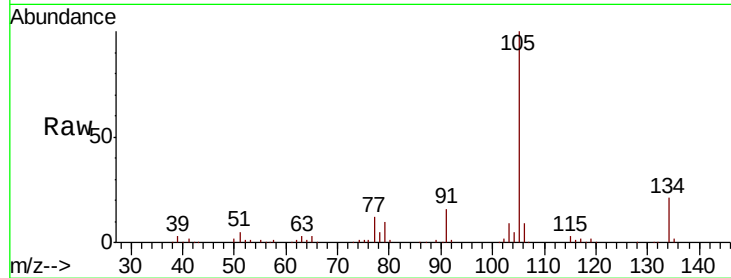
134 20.4 10.2 30.4

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#86

p-Isopropyltoluene

Concen: 20.090 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.01 min

Lab File: VW007707.D

Acq: 19 Dec 2018 18:44

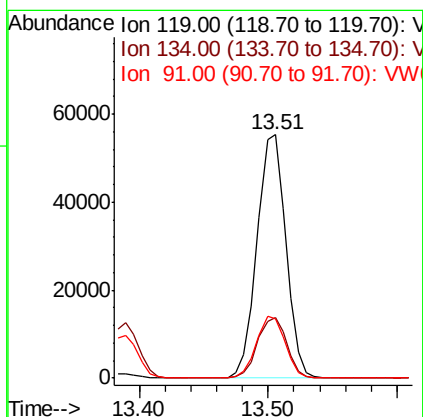
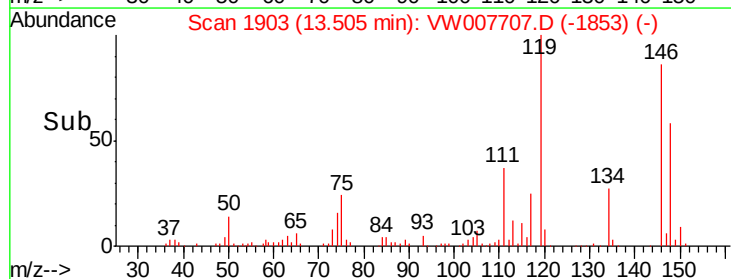
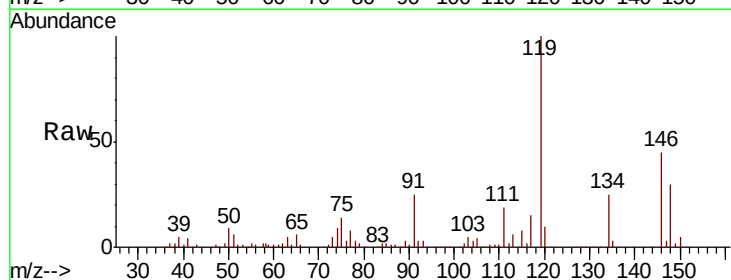
Tgt Ion:119 Resp: 85418

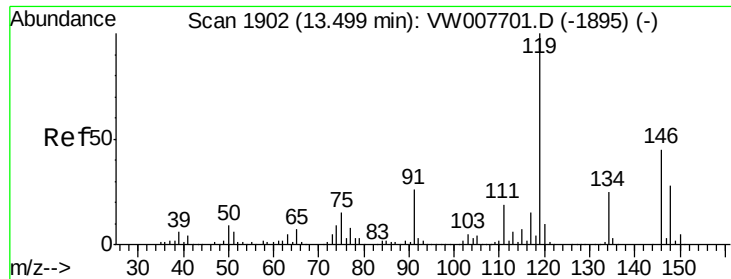
Ion Ratio Lower Upper

119 100

134 25.2 13.0 39.0

91 25.3 12.8 38.4





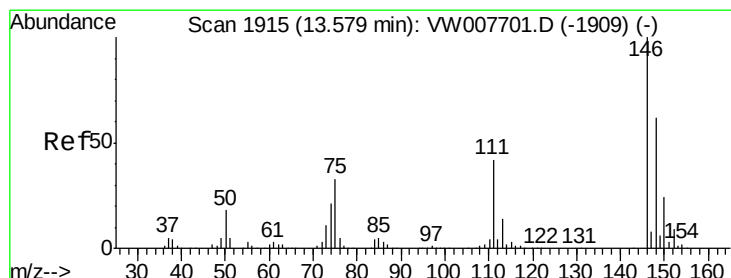
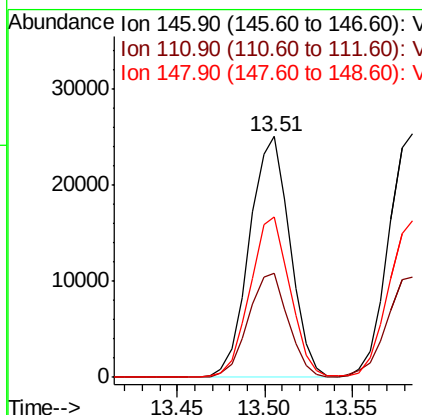
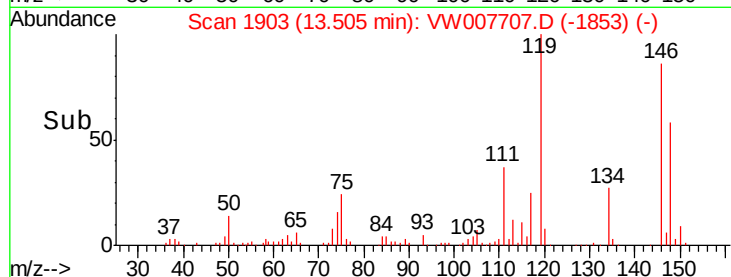
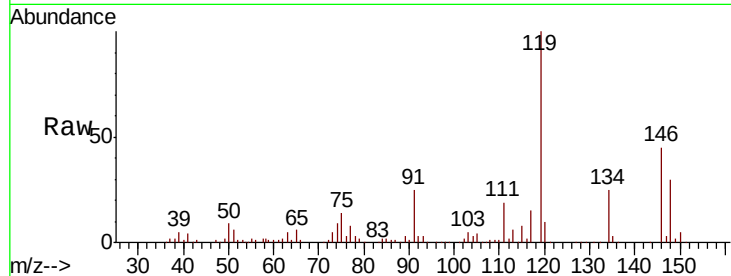
#87
 1,3-Dichlorobenzene
 Concen: 19.771 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: VW007707.D
 Acq: 19 Dec 2018 18:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1221SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.7	21.1	63.4
148	65.9	32.1	96.5

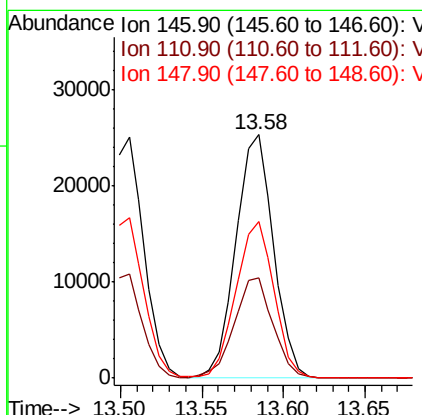
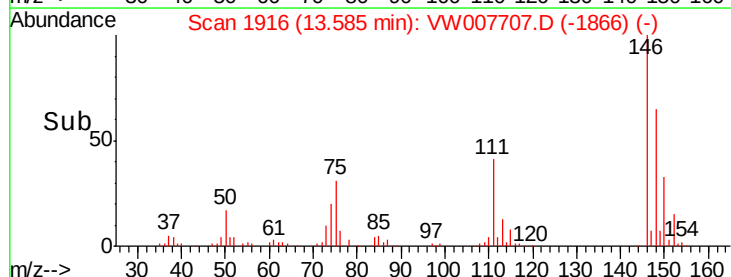
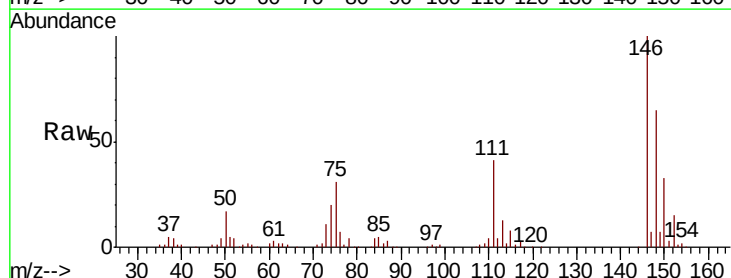
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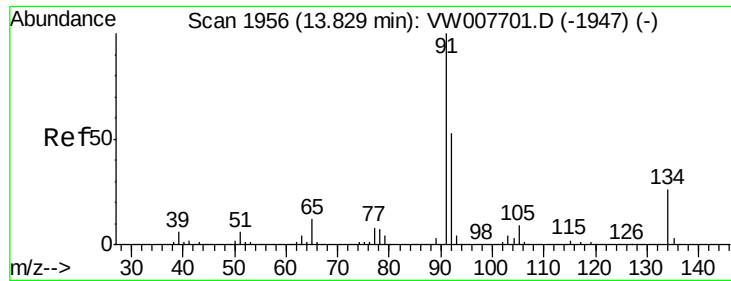
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#88
 1,4-Dichlorobenzene
 Concen: 19.931 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.01 min
 Lab File: VW007707.D
 Acq: 19 Dec 2018 18:44

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.2	21.0	63.0
148	65.3	31.8	95.4





#89

n-Butylbenzene

Concen: 20.254 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW007707.D

Acq: 19 Dec 2018 18:44

Instrument :

MSVOA_W

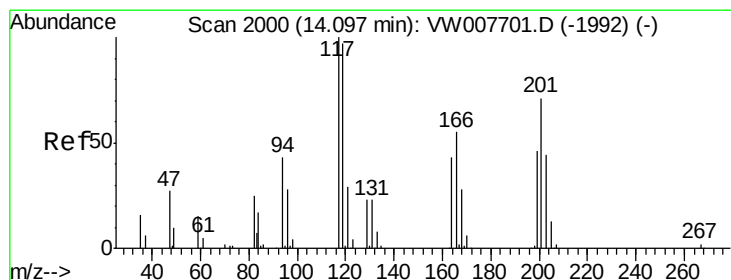
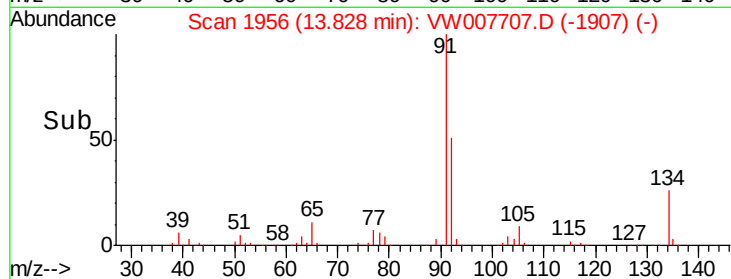
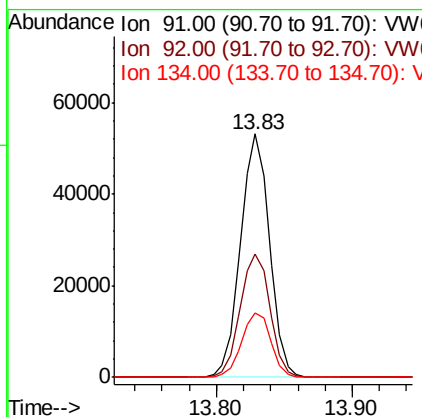
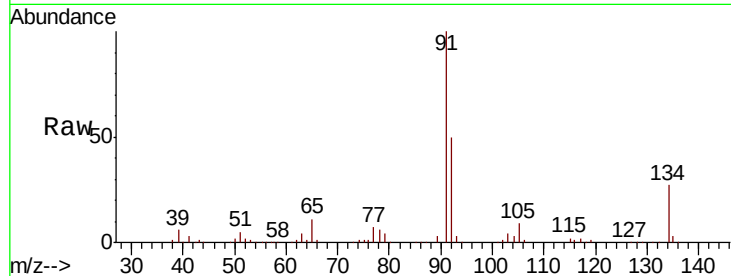
ClientSampleId :

VW1221SBS01

Tot Ion:	91	Resp:	78956
Ion	Ratio	Lower	Upper
91	100		
92	51.9	26.4	79.2
134	27.1	13.7	41.0

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#90

Hexachloroethane

Concen: 18.993 ug/l

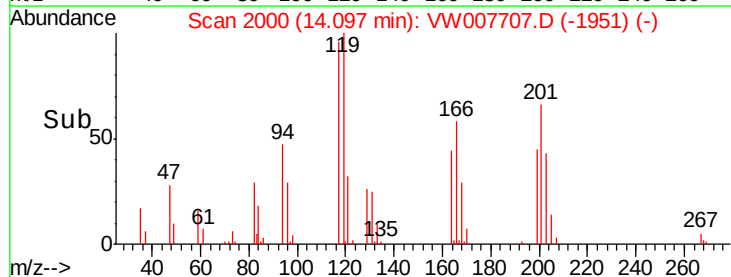
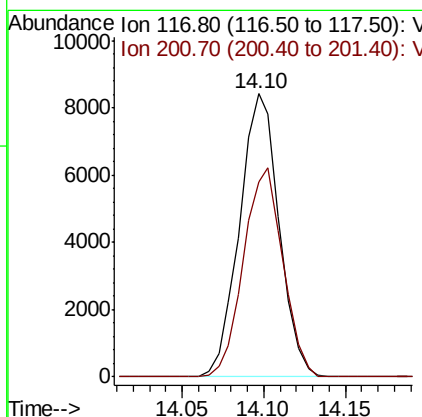
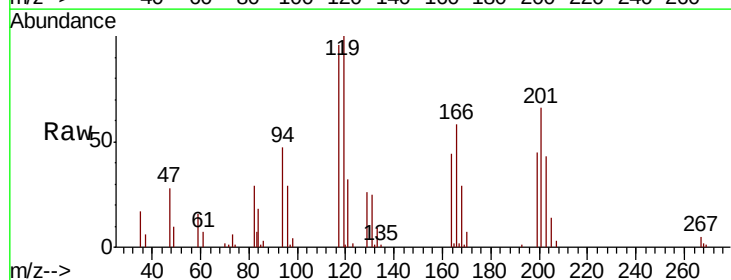
RT: 14.10 min Scan# 2000

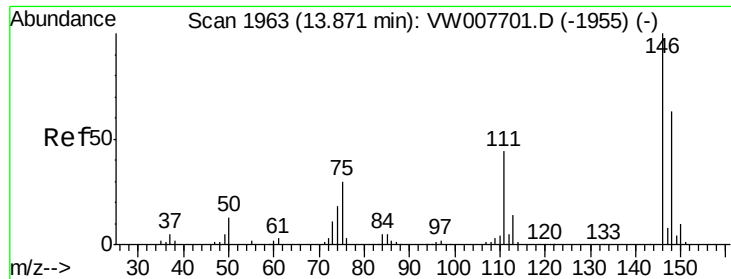
Delta R.T. -0.00 min

Lab File: VW007707.D

Acq: 19 Dec 2018 18:44

Tgt Ion:	117	Resp:	14177
Ion	Ratio	Lower	Upper
117	100		
201	73.5	36.2	108.6





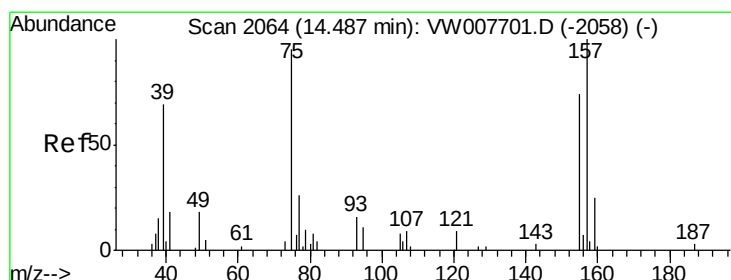
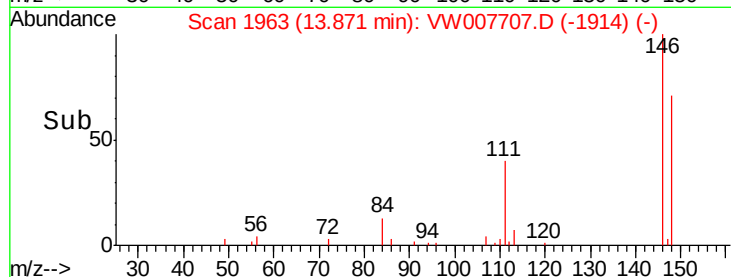
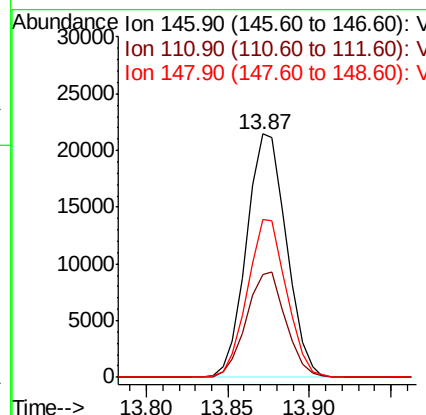
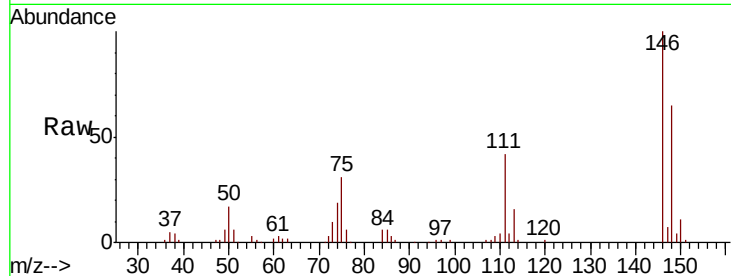
#91
 1,2-Dichlorobenzene
 Concen: 19.995 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW007707.D
 Acq: 19 Dec 2018 18:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1221SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.4	21.7	65.1
148	63.6	32.1	96.5

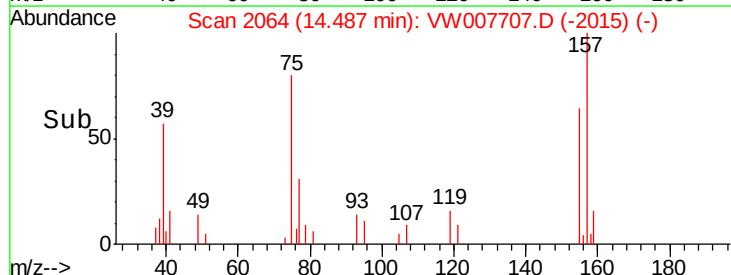
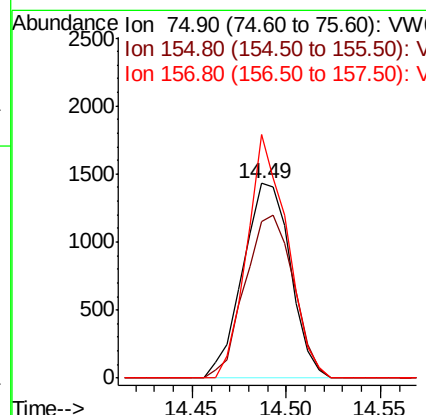
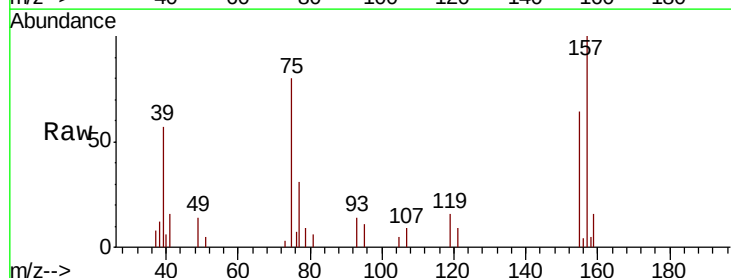
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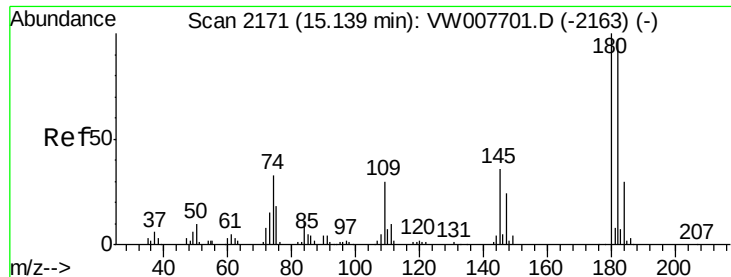
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.134 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW007707.D
 Acq: 19 Dec 2018 18:44

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.3	39.4	118.1
157	105.6	52.0	156.0





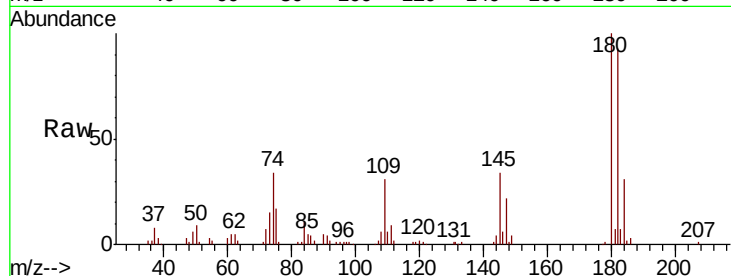
#93
1,2,4-Trichlorobenzene
Concen: 19.559 ug/l
RT: 15.14 min Scan# 2171
Delta R.T. -0.00 min
Lab File: VW007707.D
Acq: 19 Dec 2018 18:44

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	24795		
182	94.9	47.5	142.6	
145	34.5	17.5	52.5	

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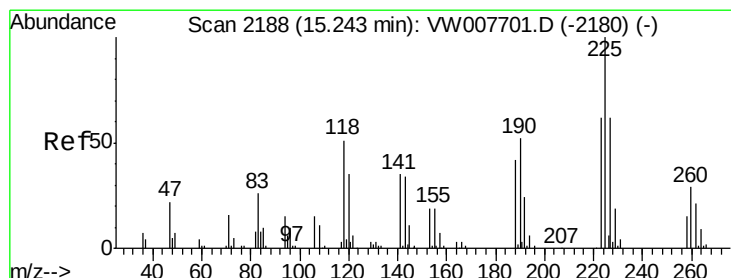
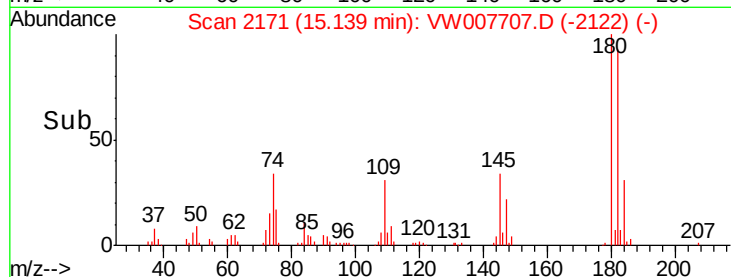
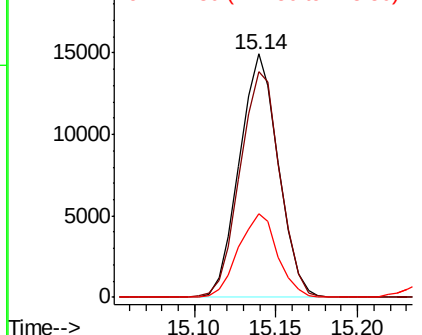


Abundance

Ion 179.80 (179.50 to 180.50): V

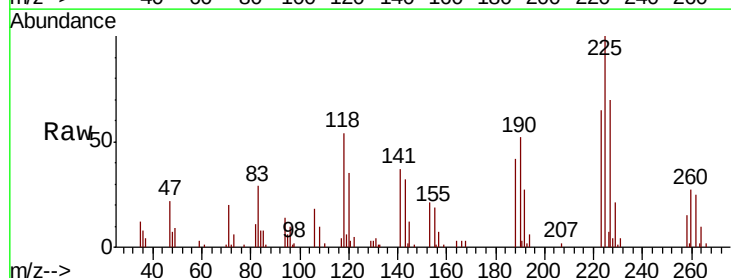
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
Hexachlorobutadiene
Concen: 19.762 ug/l
RT: 15.24 min Scan# 2188
Delta R.T. -0.00 min
Lab File: VW007707.D
Acq: 19 Dec 2018 18:44

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	13388		
223	63.1	31.6	94.8	
227	62.2	32.1	96.3	

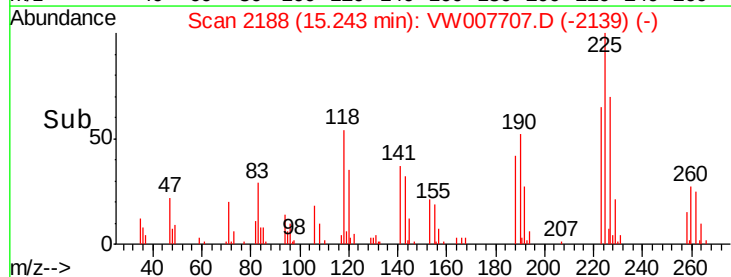
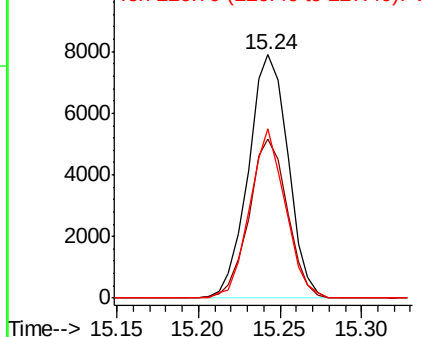


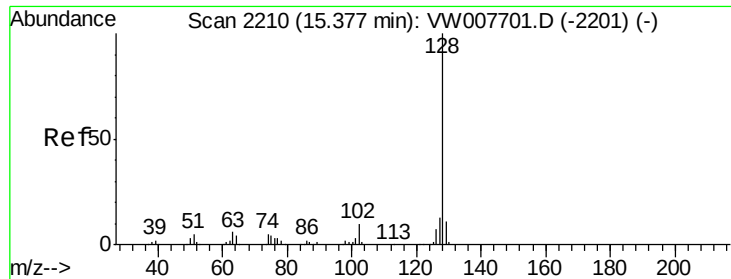
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





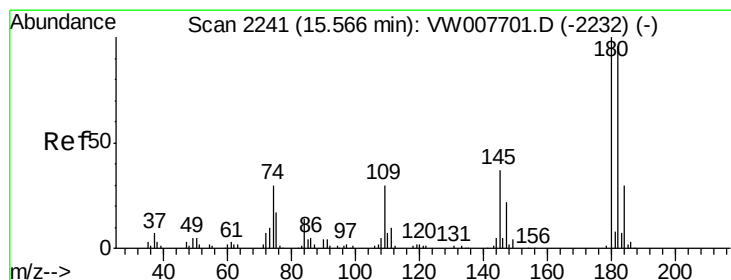
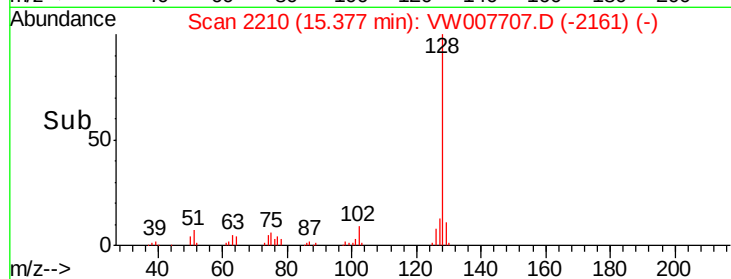
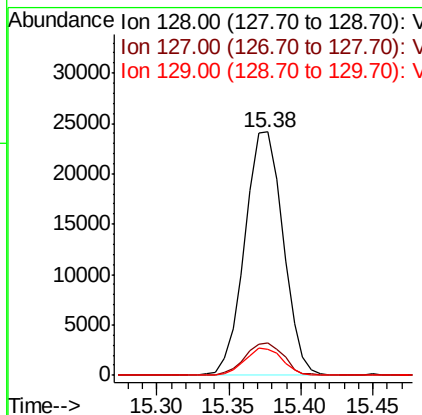
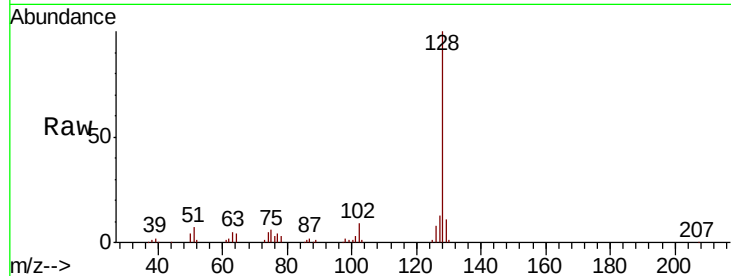
#95
Naphthalene
Concen: 18.989 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW007707.D
Acq: 19 Dec 2018 18:44

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.7	16.1
129	10.9	8.8	13.2

Manual Integrations
APPROVED

apatel
12/20/2018 11:19:55 AM



#96
1,2,3-Trichlorobenzene
Concen: 19.357 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW007707.D
Acq: 19 Dec 2018 18:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	47.4	142.2
145	36.5	18.4	55.0

