

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122018\
 Data File : VW007651.D
 Acq On : 18 Dec 2018 12:07
 Operator : SY/AP
 Sample : VW1220SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1220SBS01

Manual Integrations
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 12/19/2018 12:15:07 PM

Quant Time: Dec 19 04:22:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	70249	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	111047	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	98606	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	51398	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	37848	48.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.12%	
35) Dibromofluoromethane	7.88	113	34698	51.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.24%	
50) Toluene-d8	10.32	98	130244	51.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.36%	
62) 4-Bromofluorobenzene	12.62	95	50056	54.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	11763	23.962	ug/l	94
3) Chloromethane	2.21	50	7548	18.359	ug/l	94
4) Vinyl Chloride	2.37	62	10016	20.759	ug/l	93
5) Bromomethane	2.78	94	6624	20.434	ug/l	88
6) Chloroethane	2.92	64	5527	20.810	ug/l	95
7) Trichlorofluoromethane	3.25	101	10202	23.519	ug/l	95
8) Diethyl Ether	3.67	74	7049	20.763	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	15560	21.740	ug/l	95
10) Methyl Iodide	4.26	142	24513	20.679	ug/l	96
11) Tert butyl alcohol	5.18	59	5352	99.990	ug/l	96
12) 1,1-Dichloroethene	4.03	96	14527	21.080	ug/l	94
13) Acrolein	3.90	56	3336	94.191	ug/l	100
14) Allyl chloride	4.66	41	19483	19.180	ug/l	94
15) Acrylonitrile	5.37	53	13646	95.346	ug/l	98
16) Acetone	4.12	43	15413	113.222	ug/l	95
17) Carbon Disulfide	4.37	76	43460	20.800	ug/l	100
18) Methyl Acetate	4.67	43	7404	20.039	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	21407	20.592	ug/l	97
20) Methylene Chloride	4.91	84	15918	18.950	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	15660	20.314	ug/l	99
22) Diisopropyl ether	6.32	45	38011	19.468	ug/l	99
23) Vinyl Acetate	6.25	43	106602	97.613	ug/l	99
24) 1,1-Dichloroethane	6.21	63	26344	19.964	ug/l	97
25) 2-Butanone	7.17	43	17223	96.912	ug/l	100
26) 2,2-Dichloropropane	7.17	77	20429	23.392	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	17053	20.203	ug/l	95
28) Bromochloromethane	7.51	49	9488	19.115	ug/l	94
29) Tetrahydrofuran	7.53	42	10581	94.047	ug/l	94
30) Chloroform	7.68	83	29776	20.735	ug/l	98
31) Cyclohexane	7.95	56	23775	19.637	ug/l #	94
32) 1,1,1-Trichloroethane	7.87	97	27104	21.523	ug/l	99
36) 1,1-Dichloropropene	8.08	75	22672	22.381	ug/l	100
37) Ethyl Acetate	7.25	43	7627	20.243	ug/l	98
38) Carbon Tetrachloride	8.06	117	27160	24.641	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	29215	23.817	ug/l	94
40) Benzene	8.32	78	61867	22.007	ug/l	99
41) Methacrylonitrile	7.48	41	4548	21.197	ug/l	93
42) 1,2-Dichloroethane	8.40	62	20574	23.297	ug/l	98
43) Isopropyl Acetate	8.42	43	15142	20.345	ug/l	97
44) Trichloroethene	9.09	130	18580	23.144	ug/l	94
45) 1,2-Dichloropropane	9.37	63	14151	21.752	ug/l	100
46) Dibromomethane	9.46	93	8308	22.488	ug/l	95
47) Bromodichloromethane	9.65	83	21600	22.290	ug/l	92
48) Methyl methacrylate	9.43	41	7502	19.627	ug/l	92
49) 1,4-Dioxane	9.45	88	2467	411.544	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	36397	103.502	ug/l	98
52) Toluene	10.39	92	41253	22.675	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	21329	22.671	ug/l	93
54) cis-1,3-Dichloropropene	10.07	75	23876	21.954	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	11073	22.022	ug/l	93
56) Ethyl methacrylate	10.65	69	13190	21.825	ug/l	98
57) 1,3-Dichloropropane	10.93	76	18834	22.821	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	30357	108.923	ug/l	98
59) 2-Hexanone	10.97	43	26037	111.040	ug/l	100
60) Dibromochloromethane	11.13	129	14398	22.690	ug/l	96
61) 1,2-Dibromoethane	11.24	107	10866	21.868	ug/l	100
64) Tetrachloroethene	10.87	164	15132	21.340	ug/l	97
65) Chlorobenzene	11.66	112	45693	22.232	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	17203	23.766	ug/l	97
67) Ethyl Benzene	11.73	91	81987	23.202	ug/l	93
68) m/p-Xylenes	11.84	106	62822	45.732	ug/l	99
69) o-Xylene	12.17	106	29208	22.766	ug/l	93
70) Styrene	12.18	104	48833	23.566	ug/l	97
71) Bromoform	12.35	173	8323	22.464	ug/l #	95
73) Isopropylbenzene	12.47	105	85231	21.641	ug/l	99
74) N-amyl acetate	12.27	43	14343	20.039	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	12503	21.435	ug/l	94
76) 1,2,3-Trichloropropane	12.77	75	10117m	23.873	ug/l	
77) Bromobenzene	12.75	156	18709	21.431	ug/l	94
78) n-propylbenzene	12.81	91	99801	22.517	ug/l	99
79) 2-Chlorotoluene	12.90	91	57347	21.384	ug/l	95
80) 1,3,5-Trimethylbenzene	12.94	105	73602	22.242	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	4015	20.928	ug/l	95
82) 4-Chlorotoluene	12.99	91	60947	21.559	ug/l	97
83) tert-Butylbenzene	13.21	119	64855	22.242	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	73497	21.583	ug/l	99
85) sec-Butylbenzene	13.39	105	90632	22.769	ug/l	96
86) p-Isopropyltoluene	13.51	119	81550	22.805	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	38409	22.067	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	38068	21.756	ug/l	98
89) n-Butylbenzene	13.83	91	76041	22.938	ug/l	99
90) Hexachloroethane	14.10	117	14268	22.425	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	34480	22.118	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2495	21.314	ug/l	96

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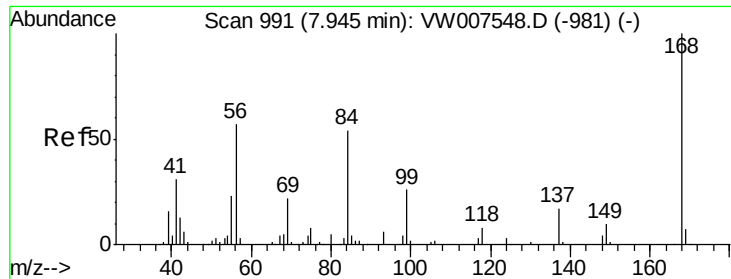
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	23655	22.049	ug/l	95
94) Hexachlorobutadiene	15.24	225	12550	22.047	ug/l	99
95) Naphthalene	15.38	128	43153	21.026	ug/l	98
96) 1,2,3-Trichlorobenzene	15.56	180	20504	22.001	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW007651.D

Acq: 18 Dec 2018 12:07

Instrument :

MSVOA_W

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VW1220SBSD01

Tgt Ion:168 Resp: 70249

Ion Ratio Lower Upper

168 100

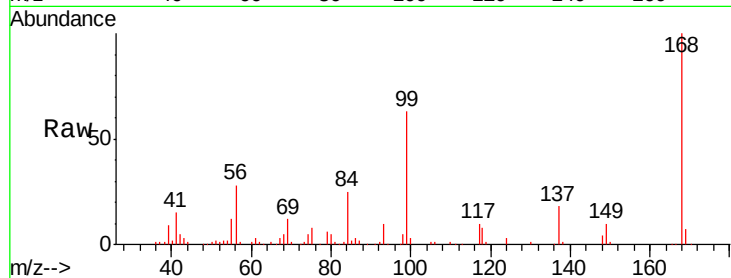
99 63.3 48.3 72.5

Manual Integrations

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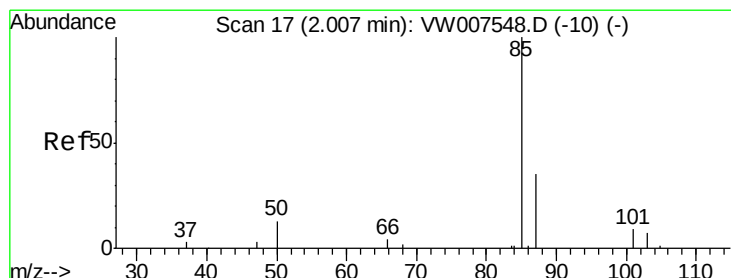
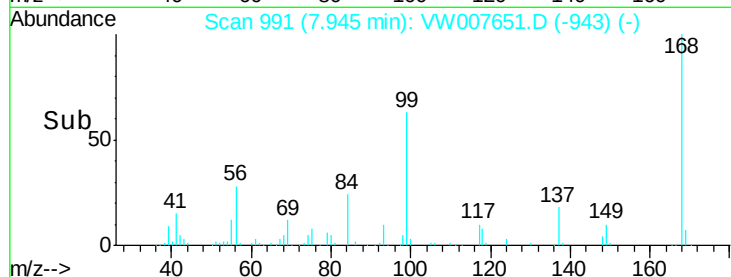
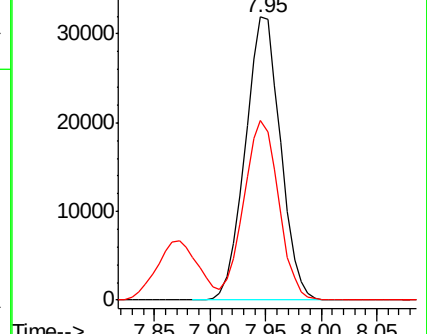
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 23.962 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.01 min

Lab File: VW007651.D

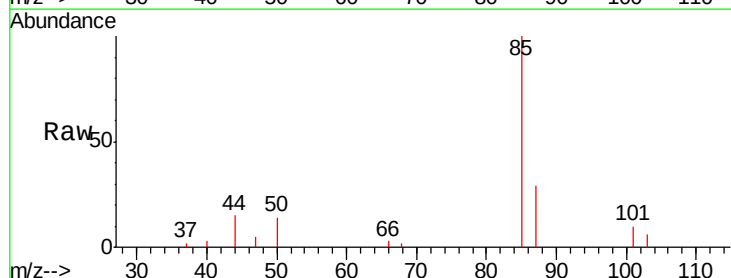
Acq: 18 Dec 2018 12:07

Tgt Ion: 85 Resp: 11763

Ion Ratio Lower Upper

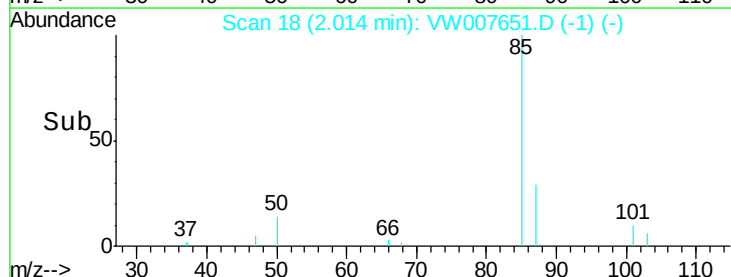
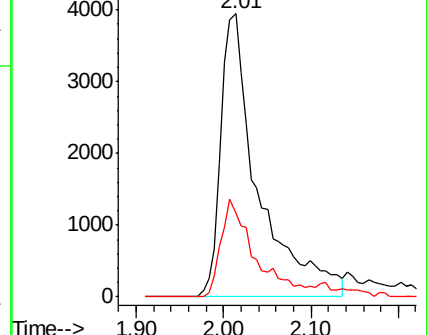
85 100

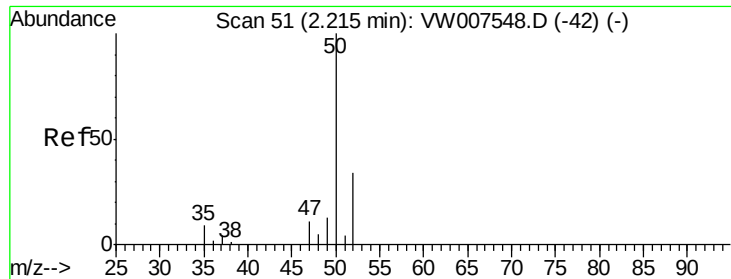
87 29.5 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 18.359 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW007651.D

Acq: 18 Dec 2018 12:07

Instrument :

MSVOA_W

ClientSampleId :

VW1220SBSD01

Tgt Ion: 50 Resp: 7548

Ion Ratio Lower Upper

50 100

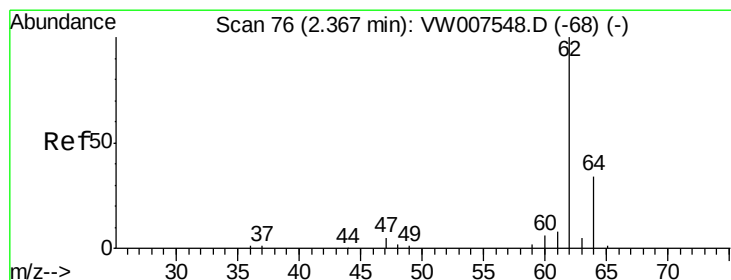
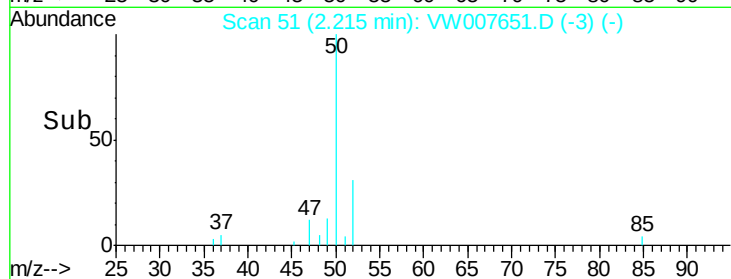
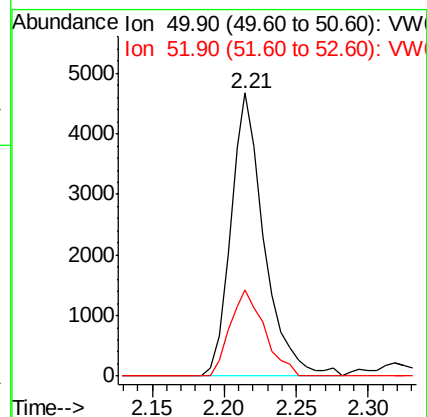
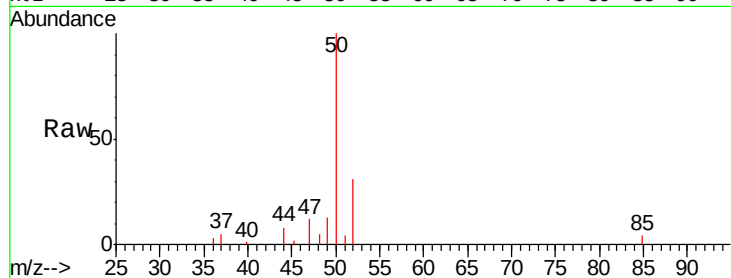
52 30.6 27.4 41.0

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#4

Vinyl Chloride

Concen: 20.759 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW007651.D

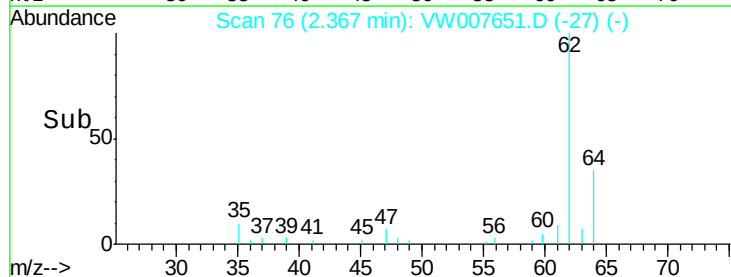
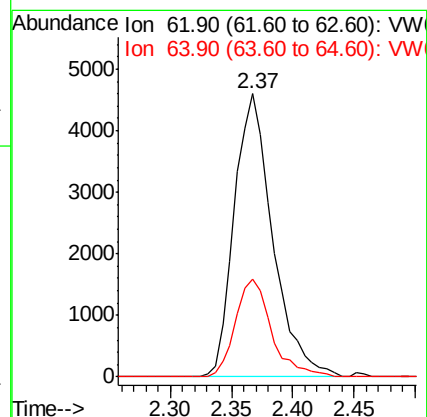
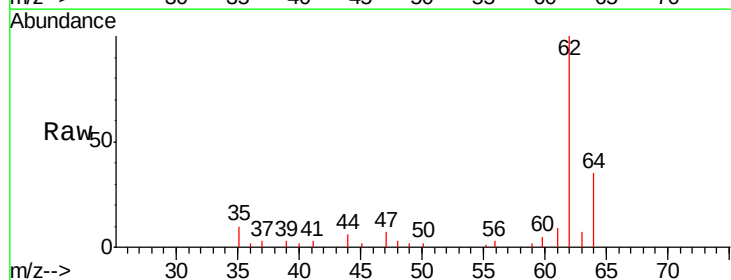
Acq: 18 Dec 2018 12:07

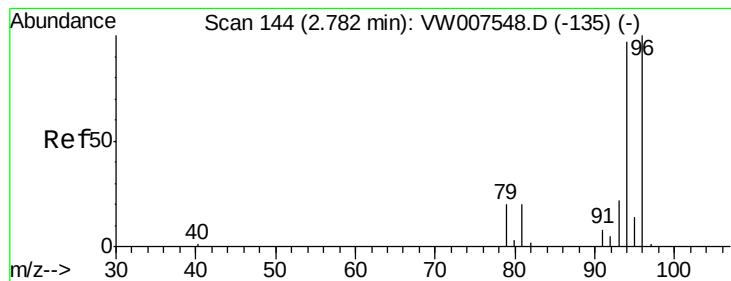
Tgt Ion: 62 Resp: 10016

Ion Ratio Lower Upper

62 100

64 34.6 24.6 37.0





#5

Bromomethane

Concen: 20.434 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.01 min

Lab File: VW007651.D

Acq: 18 Dec 2018 12:07

Instrument :

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ClientSampleId :

VW1220SBSD01

Tgt Ion: 94 Resp: 6624

Ion Ratio Lower Upper

94 100

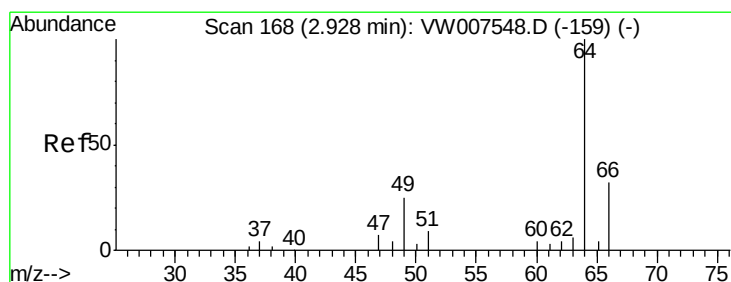
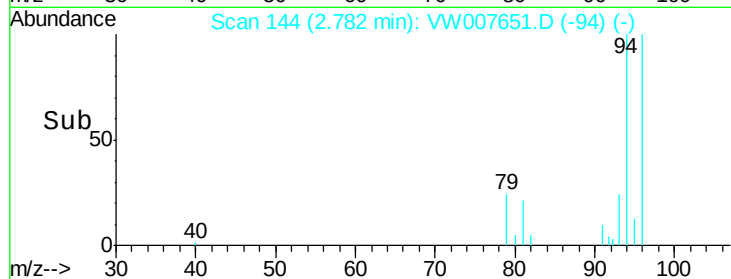
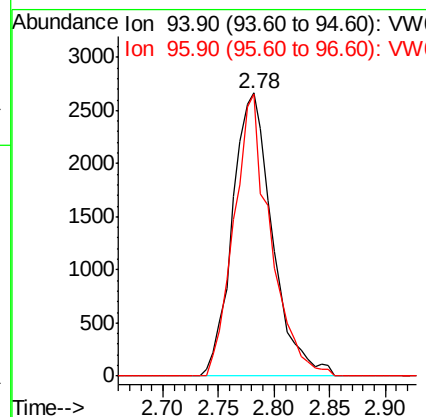
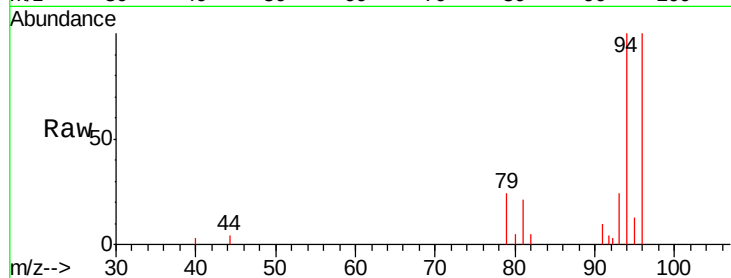
96 99.6 71.0 106.4

Manual Integrations

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#6

Chloroethane

Concen: 20.810 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW007651.D

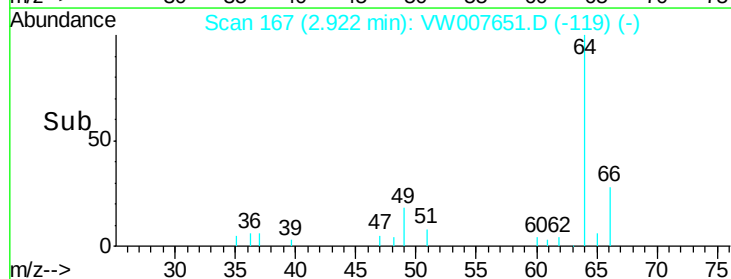
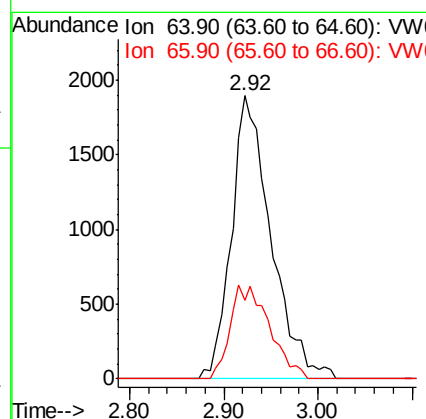
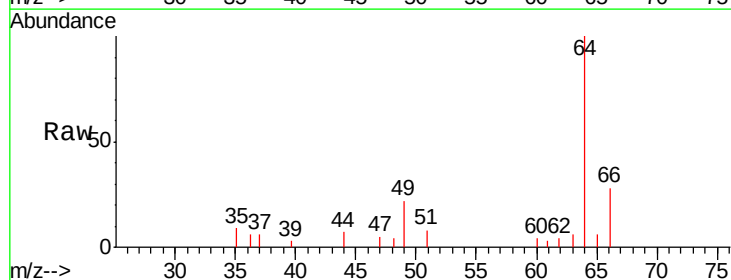
Acq: 18 Dec 2018 12:07

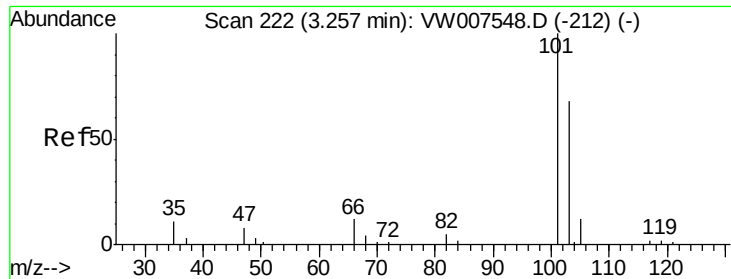
Tgt Ion: 64 Resp: 5527

Ion Ratio Lower Upper

64 100

66 27.9 24.6 37.0





#7

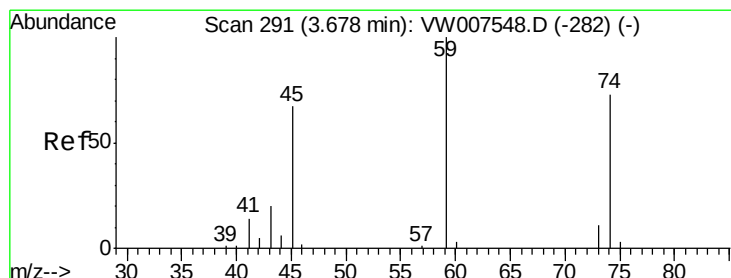
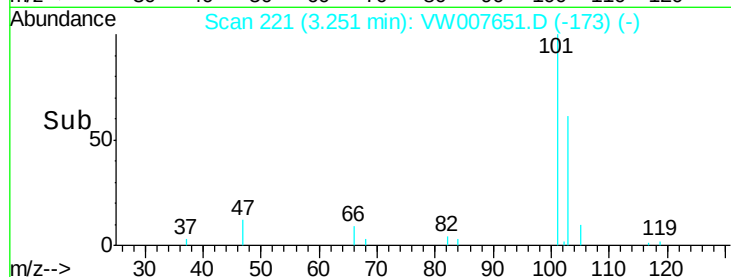
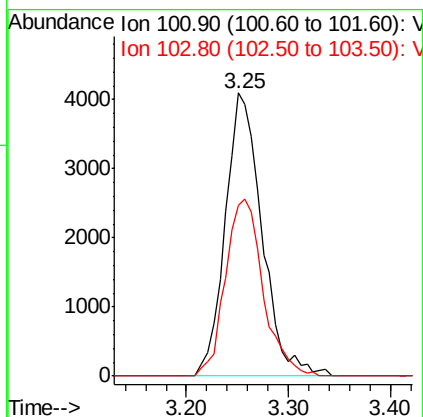
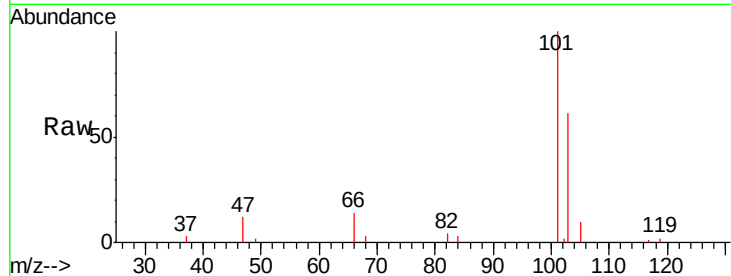
Trichlorofluoromethane
Concen: 23.519 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.01 min
Lab File: VW007651.D
Acq: 18 Dec 2018 12:07

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VW1220SBS01

Tgt Ion: 101 Resp: 10202
Ion Ratio Lower Upper
101 100
103 60.5 51.7 77.5

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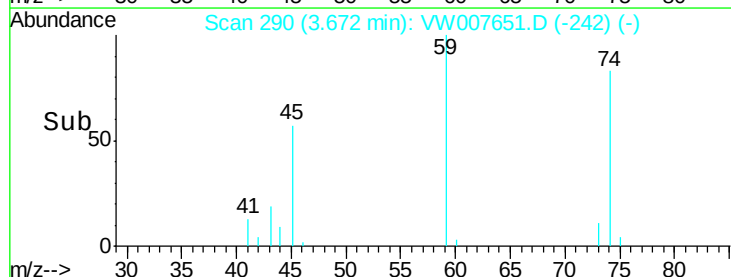
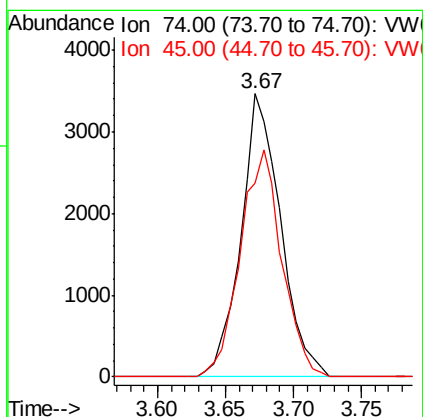
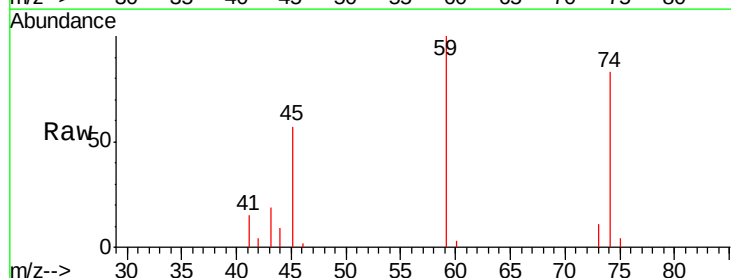
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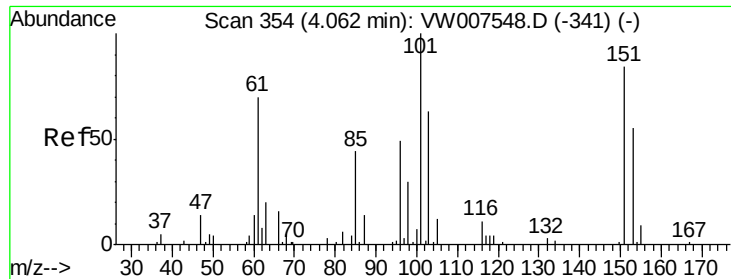


#8

Diethyl Ether
Concen: 20.763 ug/l
RT: 3.67 min Scan# 290
Delta R.T. -0.01 min
Lab File: VW007651.D
Acq: 18 Dec 2018 12:07

Tgt Ion: 74 Resp: 7049
Ion Ratio Lower Upper
74 100
45 84.3 43.0 129.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.740 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.01 min

Lab File: VW007651.D

Acq: 18 Dec 2018 12:07

Instrument :

MSVOA_W

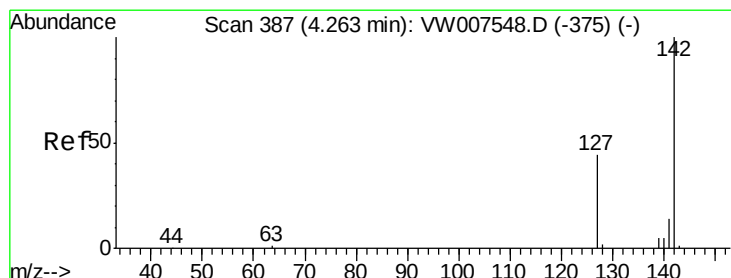
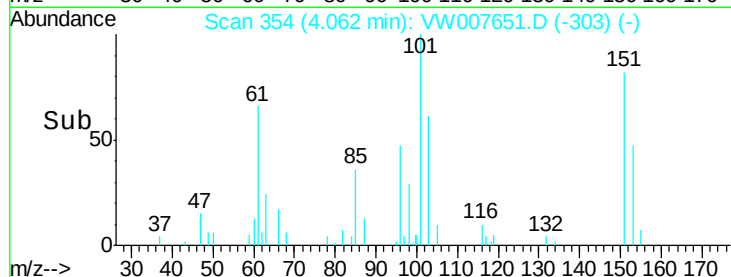
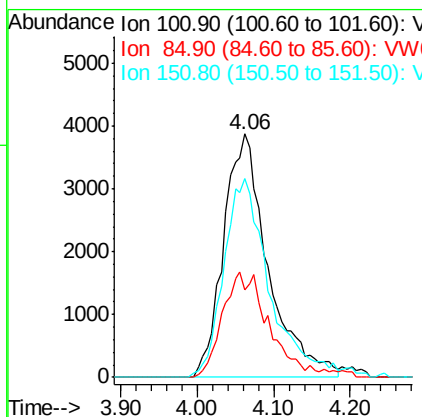
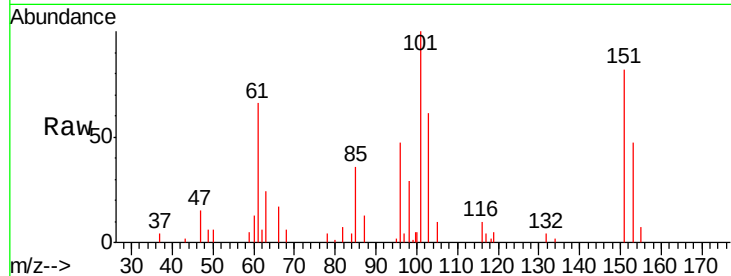
ClientSampleId :

VW1220SBS01

Tgt Ion:	101	Resp:	15560
Ion Ratio	Lower	Upper	
101	100		
85	46.2	33.9	50.9
151	83.8	63.7	95.5

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#10

Methyl Iodide

Concen: 20.679 ug/l

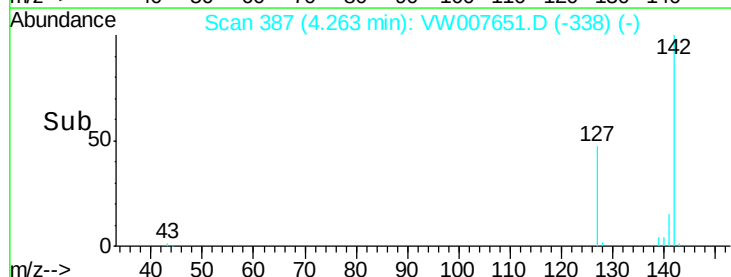
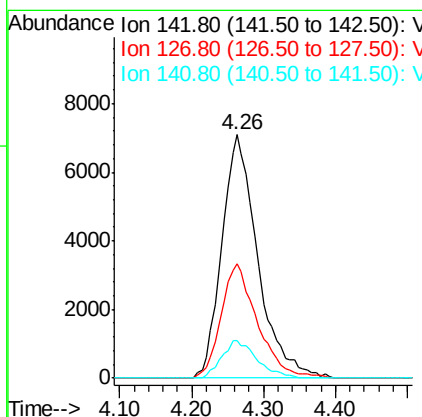
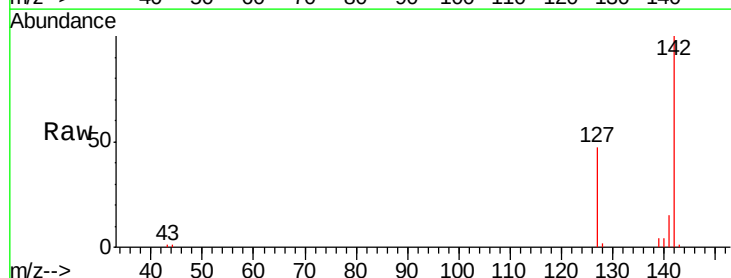
RT: 4.26 min Scan# 387

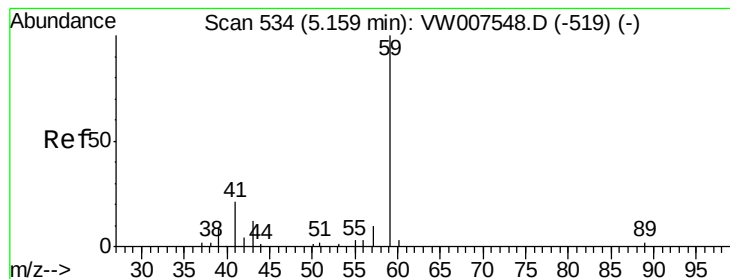
Delta R.T. -0.00 min

Lab File: VW007651.D

Acq: 18 Dec 2018 12:07

Tgt Ion:	142	Resp:	24513
Ion Ratio	Lower	Upper	
142	100		
127	47.5	35.8	53.6
141	15.0	11.1	16.7





#11

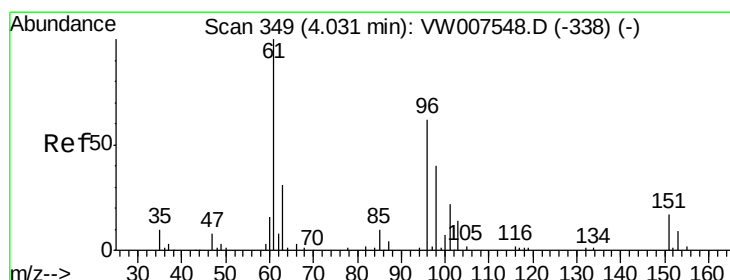
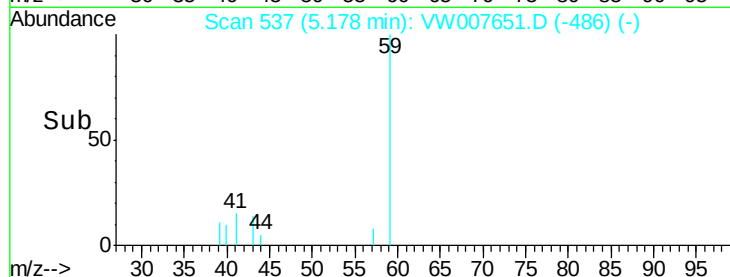
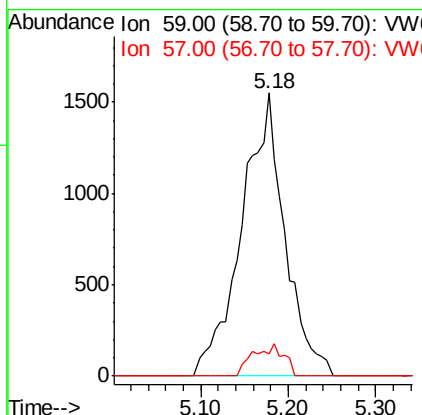
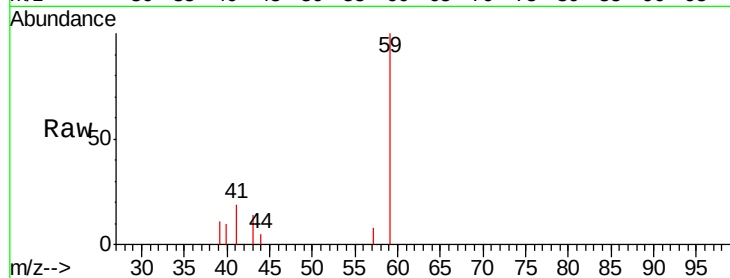
Tert butyl alcohol
Concen: 99.990 ug/l
RT: 5.18 min Scan# 537
Delta R.T. 0.01 min
Lab File: VW007651.D
Acq: 18 Dec 2018 12:07

Instrument :
MSVOA_W
ClientSampleId :
VW1220SBS01

Tgt Ion	Ratio	Lower	Upper
59	100		
57	8.0	7.6	11.4

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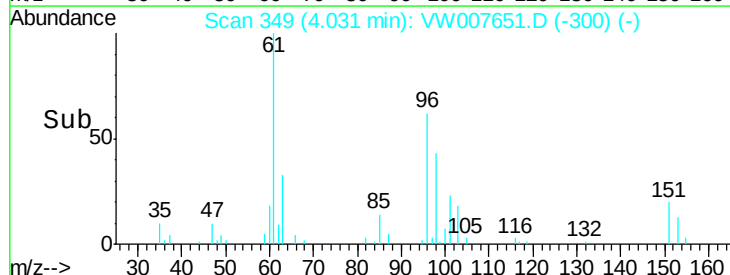
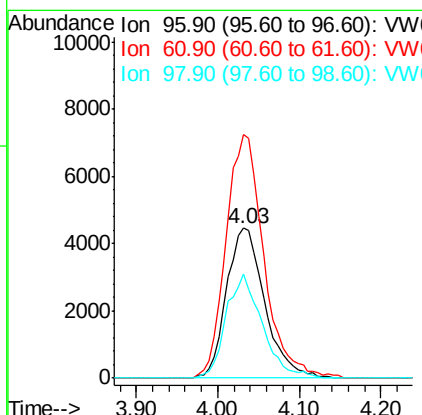
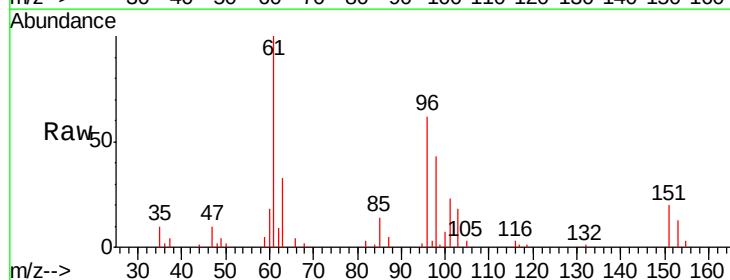
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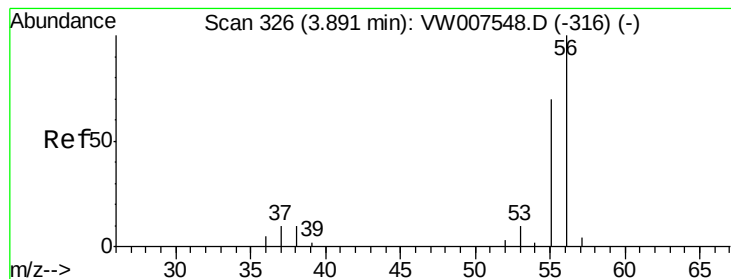


#12

1,1-Dichloroethene
Concen: 21.080 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.00 min
Lab File: VW007651.D
Acq: 18 Dec 2018 12:07

Tgt Ion	Ratio	Lower	Upper
96	100		
61	162.5	126.2	189.2
98	69.9	48.3	72.5





#13

Acrolein

Concen: 94.191 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW007651.D

Acq: 18 Dec 2018 12:07

Instrument :

MSVOA_W

ClientSampleId :

VW1220SBS01

Tgt Ion: 56 Resp: 3336

Ion Ratio Lower Upper

56 100

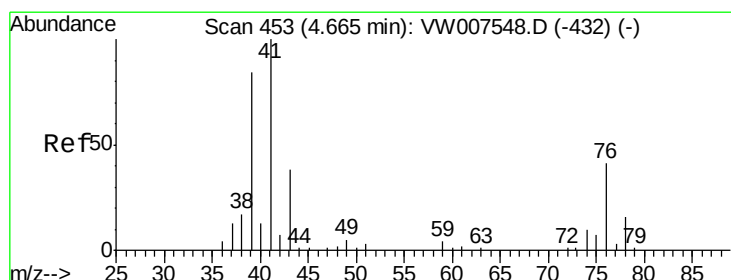
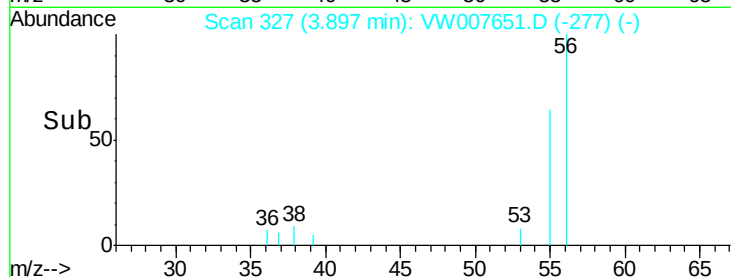
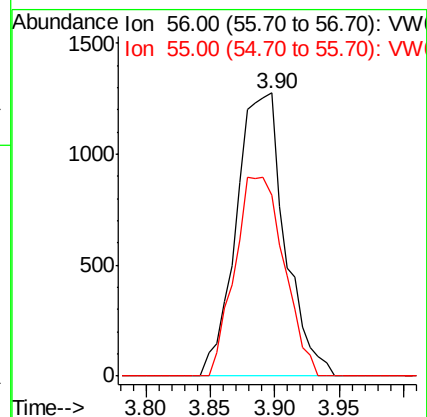
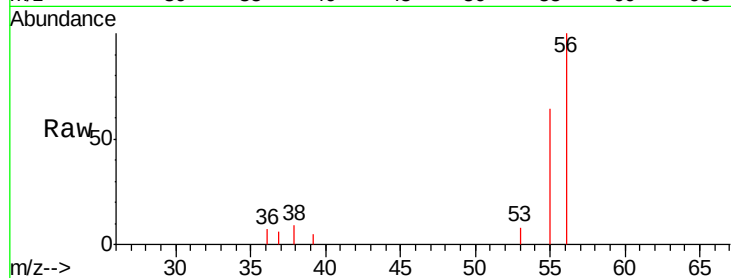
55 71.4 57.4 86.2

Manual Integrations

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#14

Allyl chloride

Concen: 19.180 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.00 min

Lab File: VW007651.D

Acq: 18 Dec 2018 12:07

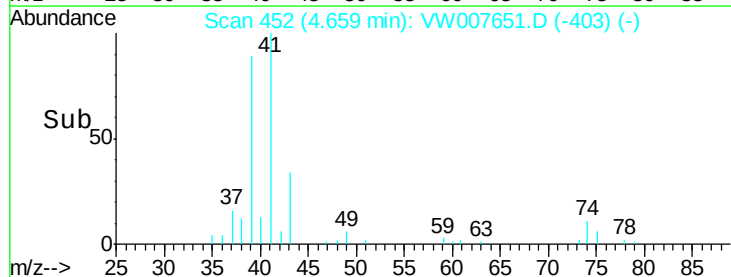
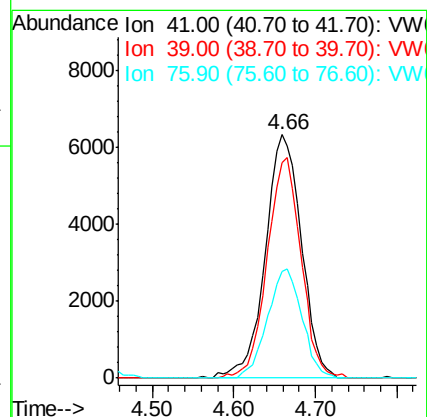
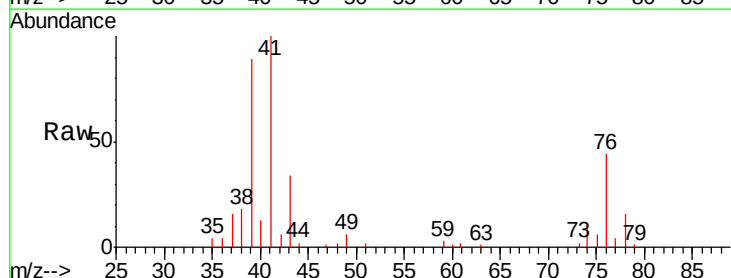
Tgt Ion: 41 Resp: 19483

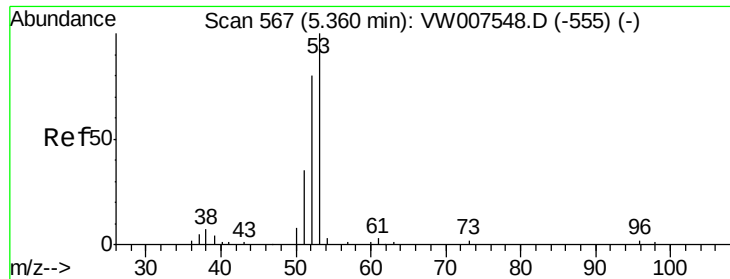
Ion Ratio Lower Upper

41 100

39 85.0 63.4 95.2

76 42.5 32.1 48.1





#15

Acrylonitrile

Concen: 95.346 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.01 min

Lab File: VW007651.D

Acq: 18 Dec 2018 12:07

Instrument :

MSVOA_W

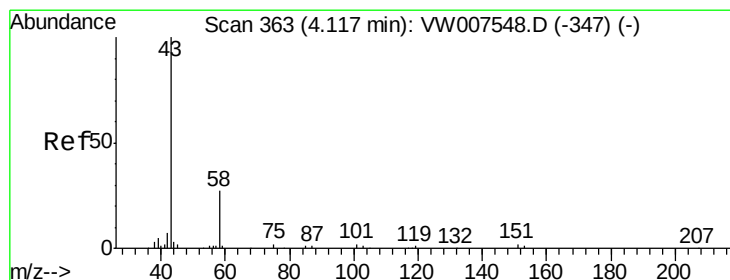
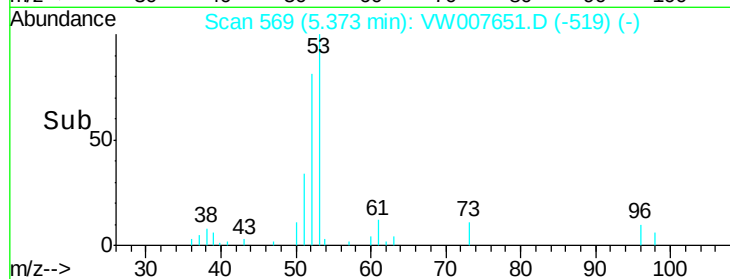
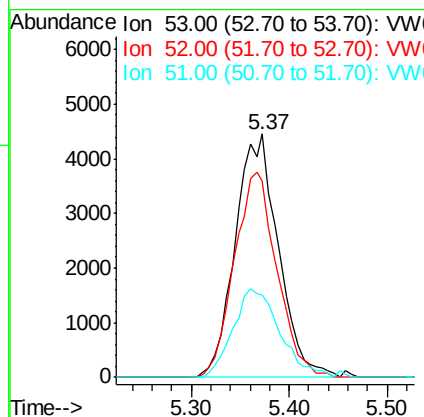
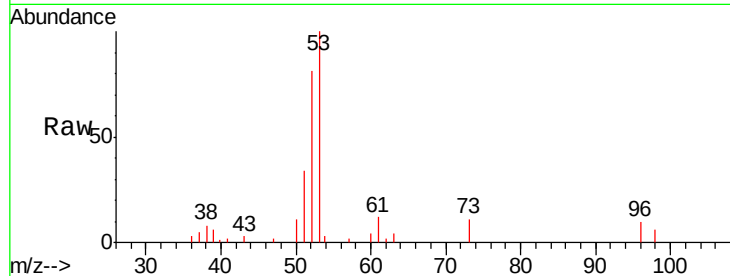
ClientSampleId :

VW1220SBSD01

Tgt Ion:	53	Resp:	13646
Ion	Ratio	Lower	Upper
53	100		
52	83.4	67.4	101.2
51	39.5	30.2	45.2

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#16

Acetone

Concen: 113.222 ug/l

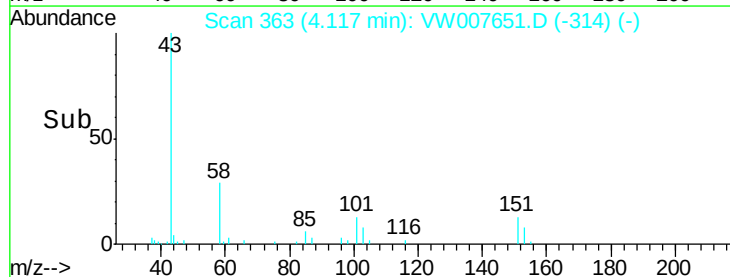
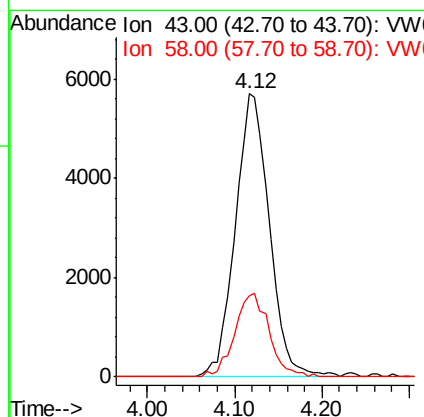
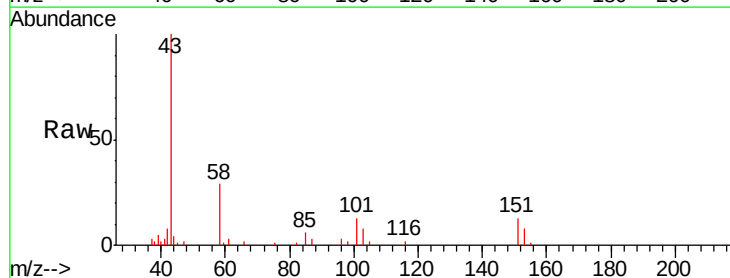
RT: 4.12 min Scan# 363

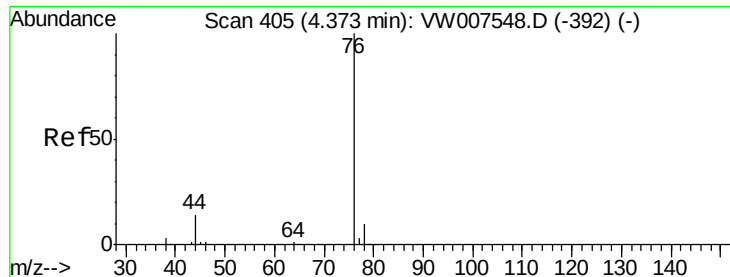
Delta R.T. -0.00 min

Lab File: VW007651.D

Acq: 18 Dec 2018 12:07

Tgt Ion:	43	Resp:	15413
Ion	Ratio	Lower	Upper
43	100		
58	28.6	24.9	37.3





#17

Carbon Disulfide

Concen: 20.800 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW007651.D

Acq: 18 Dec 2018 12:07

Instrument :

MSVOA_W

ClientSampleId :

VW1220SBSD01

Tgt Ion: 76 Resp: 43460

Ion Ratio Lower Upper

76 100

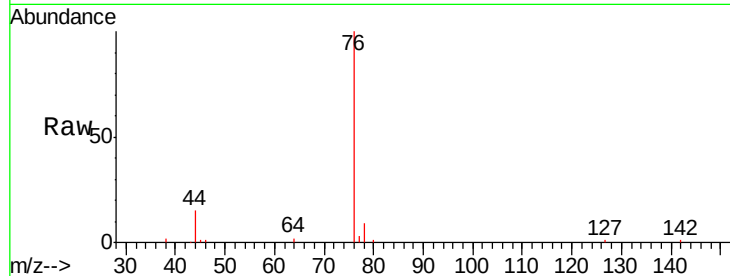
78 9.1 7.1 10.7

Manual Integrations

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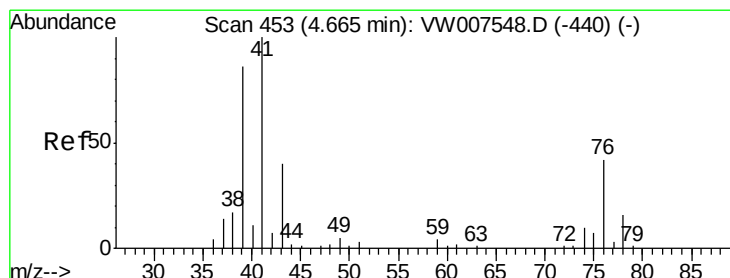
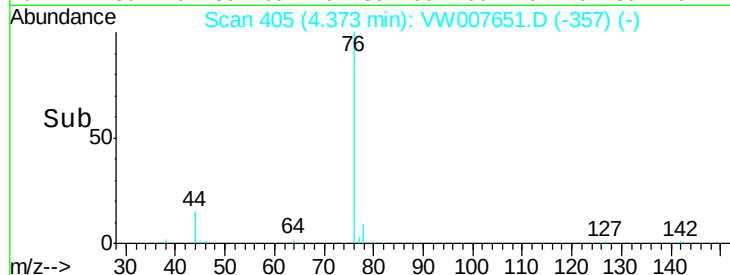
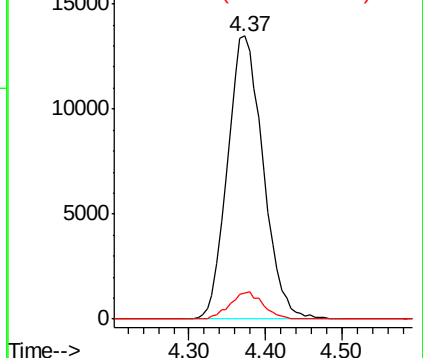
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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 20.039 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW007651.D

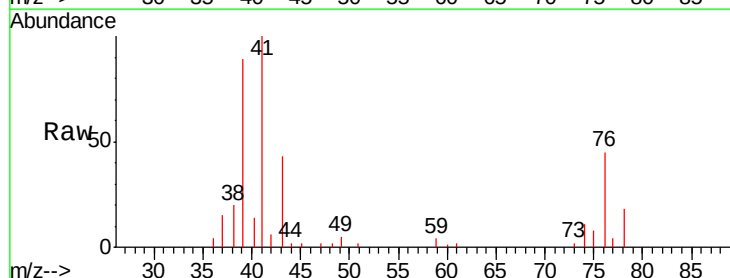
Acq: 18 Dec 2018 12:07

Tgt Ion: 43 Resp: 7404

Ion Ratio Lower Upper

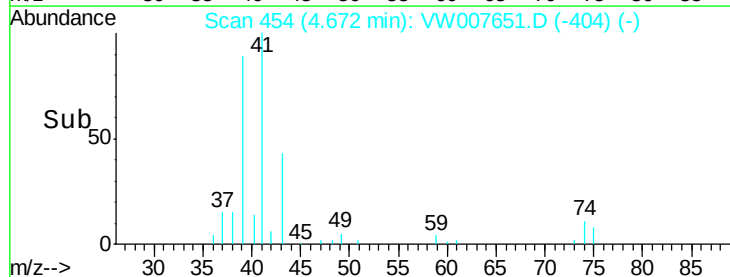
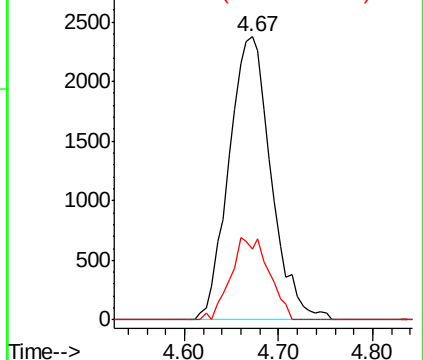
43 100

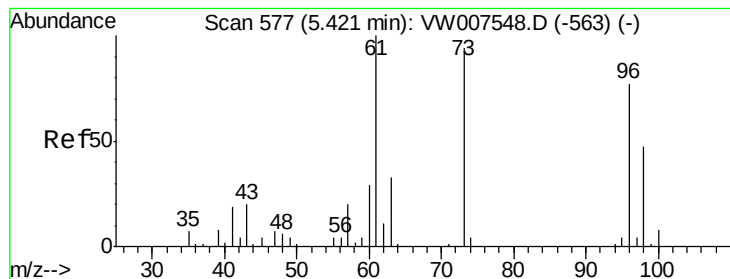
74 26.4 21.1 31.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW





#19

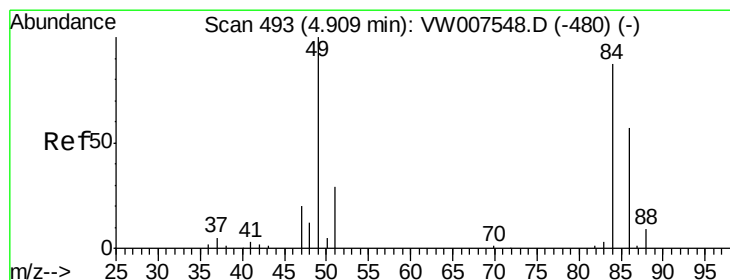
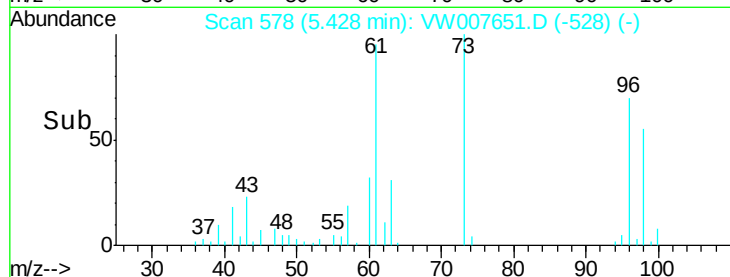
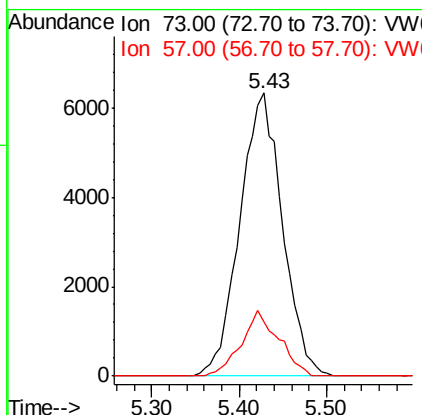
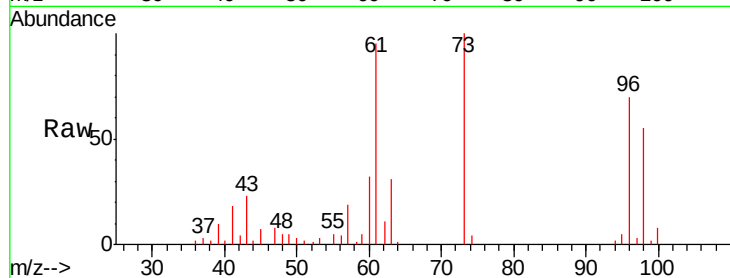
Methyl tert-butyl Ether
 Concen: 20.592 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. 0.01 min
 Lab File: VW007651.D
 Acq: 18 Dec 2018 12:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1220SBS01

Tgt Ion: 73 Resp: 21407
 Ion Ratio Lower Upper
 73 100
 57 19.1 16.4 24.6

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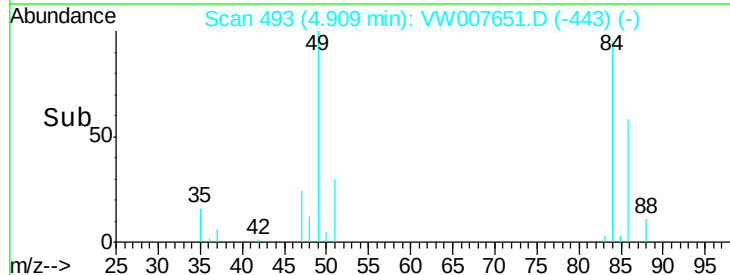
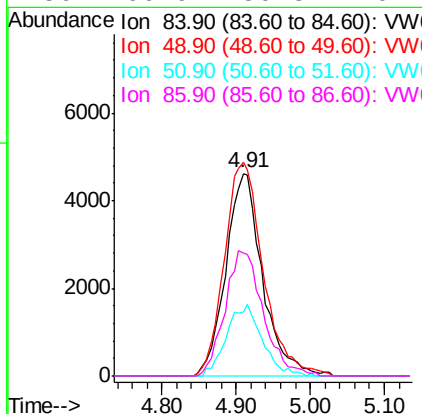
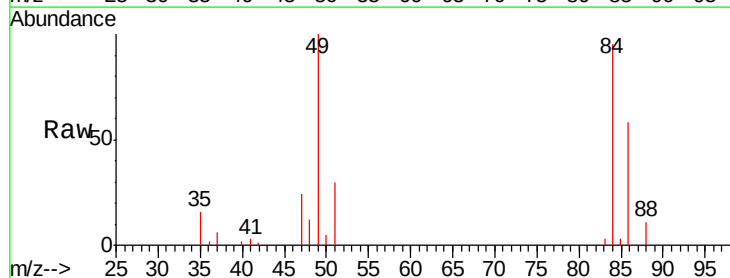
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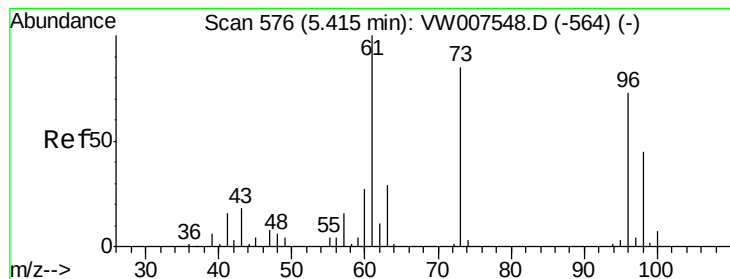


#20

Methylene Chloride
 Concen: 18.950 ug/l
 RT: 4.91 min Scan# 493
 Delta R.T. 0.01 min
 Lab File: VW007651.D
 Acq: 18 Dec 2018 12:07

Tgt Ion: 84 Resp: 15918
 Ion Ratio Lower Upper
 84 100
 49 105.4 87.1 130.7
 51 31.5 28.2 42.2
 86 60.9 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 20.314 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.00 min

Lab File: VW007651.D

Acq: 18 Dec 2018 12:07

Instrument :

MSVOA_W

ClientSampleId :

VW1220SBS01

Tgt Ion: 96 Resp: 15660

Ion Ratio Lower Upper

96 100

61 132.6 105.0 157.6

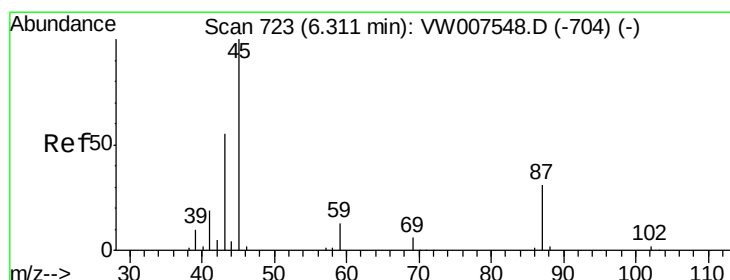
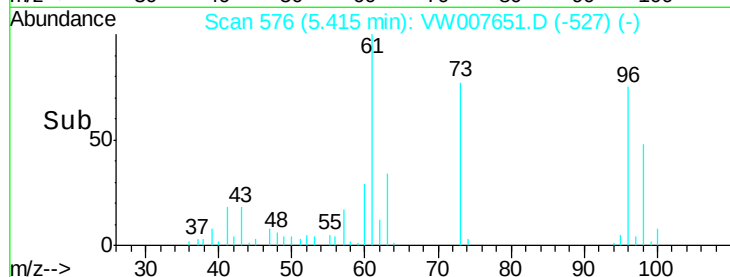
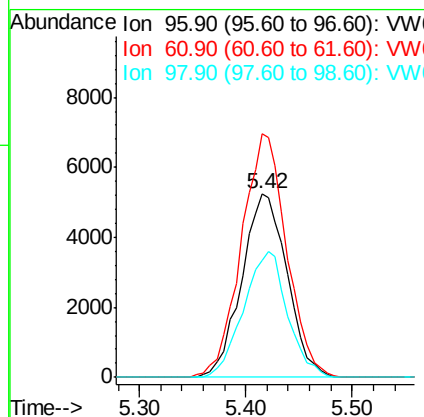
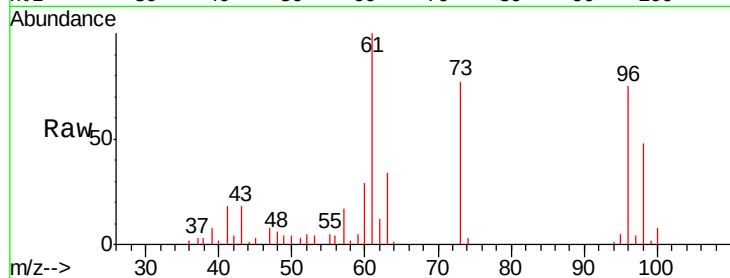
98 63.6 49.7 74.5

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#22

Diisopropyl ether

Concen: 19.468 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.01 min

Lab File: VW007651.D

Acq: 18 Dec 2018 12:07

Tgt Ion: 45 Resp: 38011

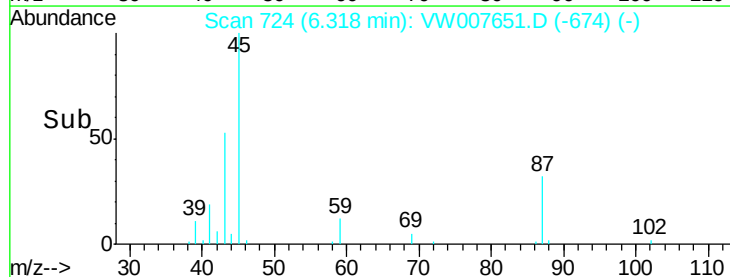
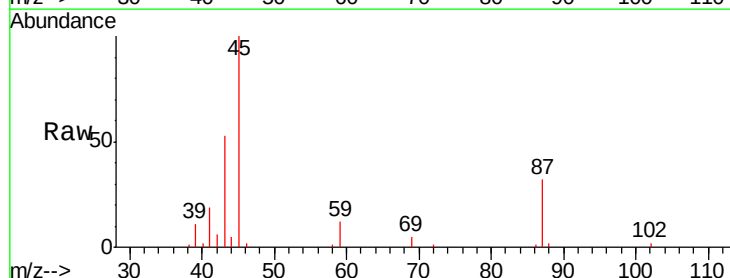
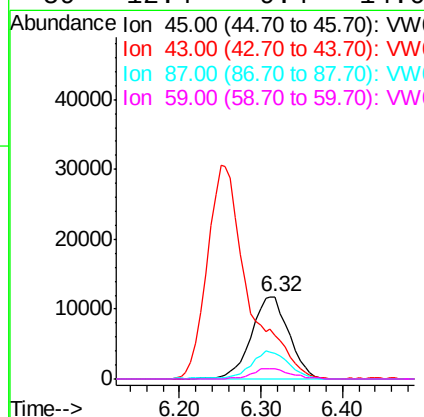
Ion Ratio Lower Upper

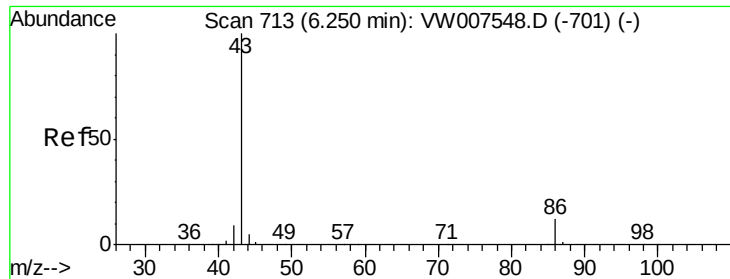
45 100

43 52.5 41.6 62.4

87 31.7 24.3 36.5

59 12.4 9.4 14.0





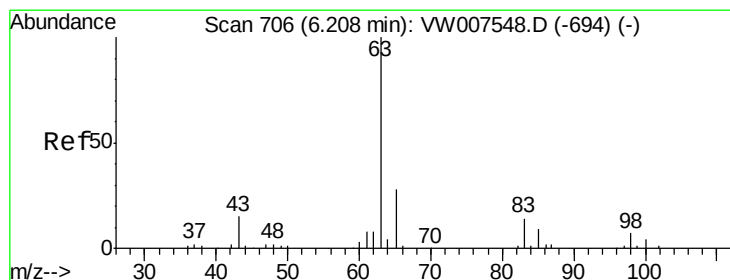
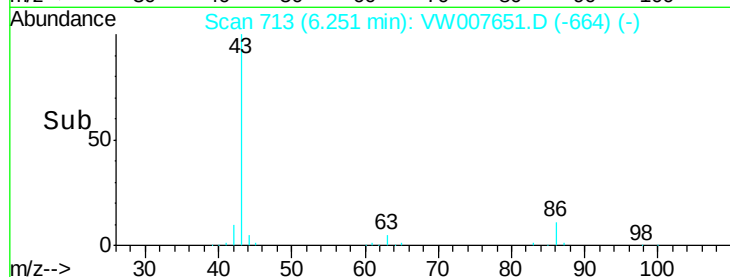
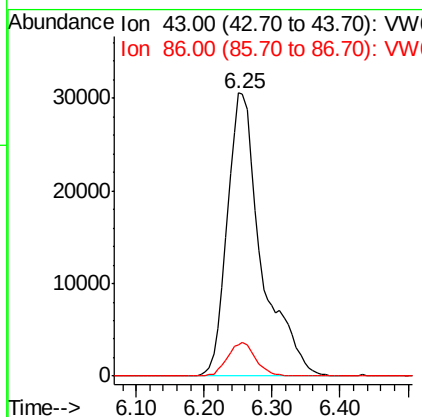
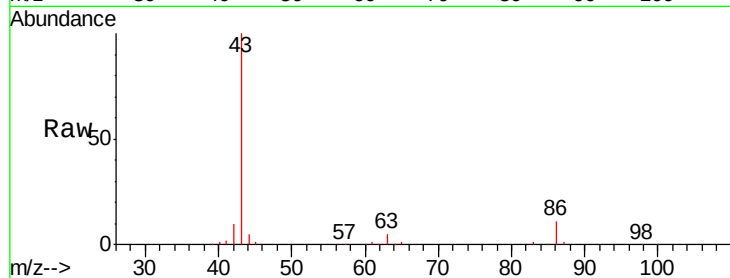
#23
 Vinyl Acetate
 Concen: 97.613 ug/l
 RT: 6.25 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VW007651.D
 Acq: 18 Dec 2018 12:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1220SBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
86	11.0	8.6	12.8

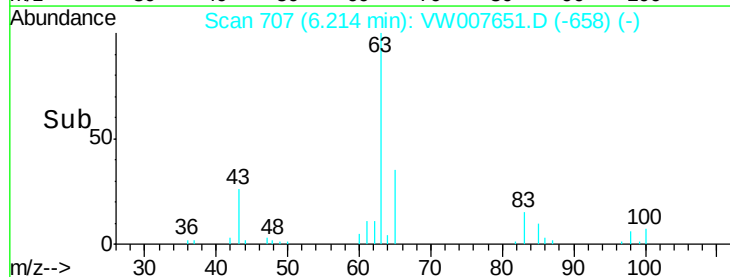
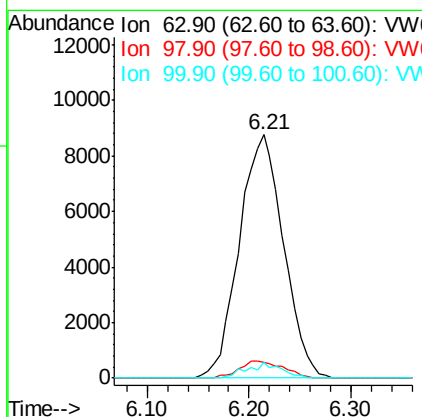
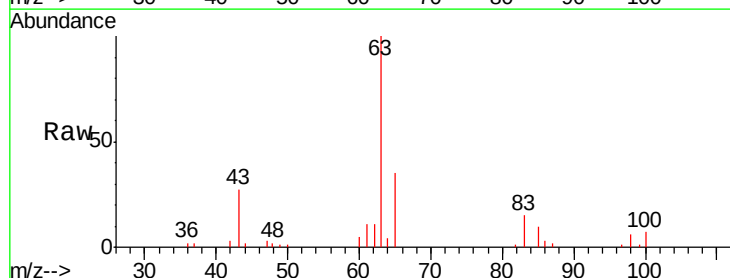
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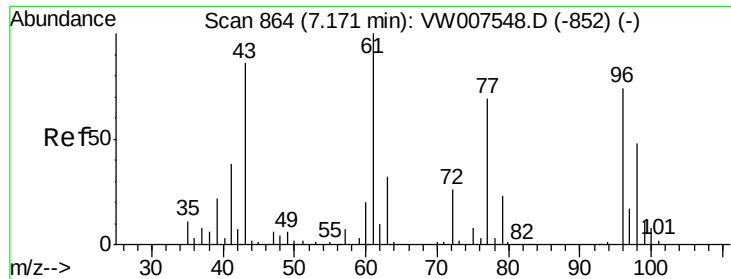
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#24
 1,1-Dichloroethane
 Concen: 19.964 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: VW007651.D
 Acq: 18 Dec 2018 12:07

Tgt Ion	Ratio	Lower	Upper
63	100		
98	6.2	3.5	10.4
100	6.5	2.5	7.5





#25

2-Butanone

Concen: 96.912 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW007651.D

Acq: 18 Dec 2018 12:07

Instrument :

MSVOA_W

ClientSampled :

VW1220SBS01

Tgt Ion: 43 Resp: 17223

Ion Ratio Lower Upper

43 100

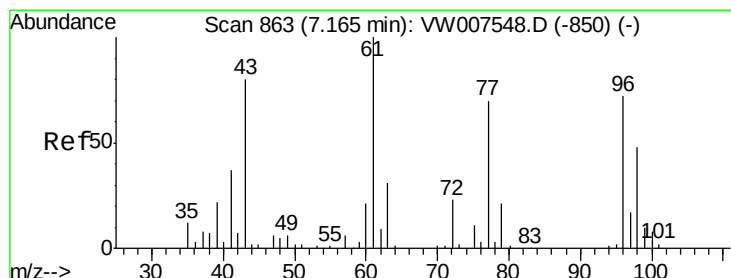
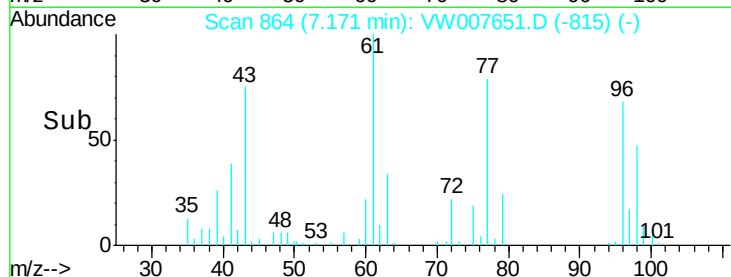
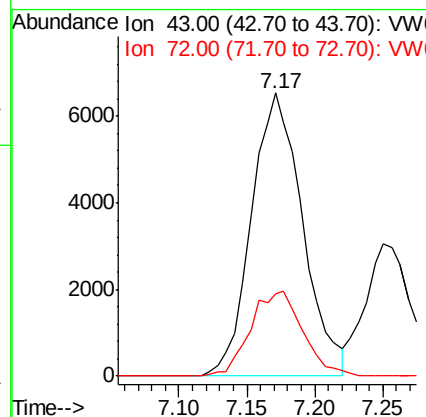
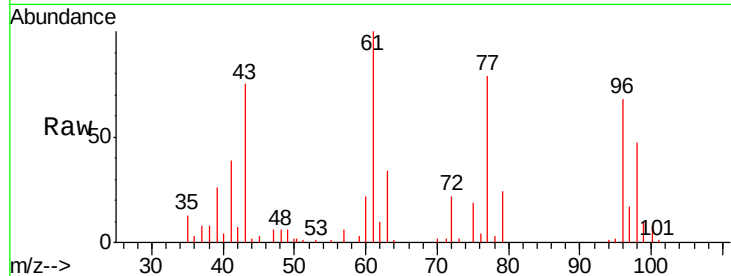
72 29.1 23.4 35.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 23.392 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW007651.D

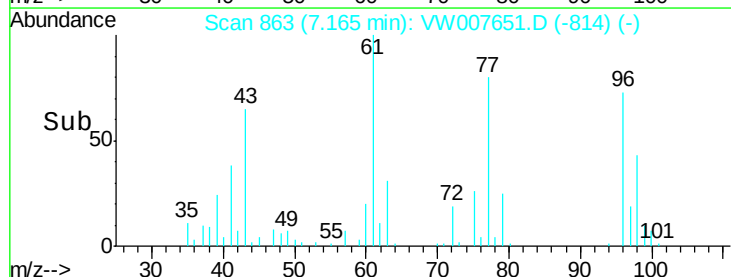
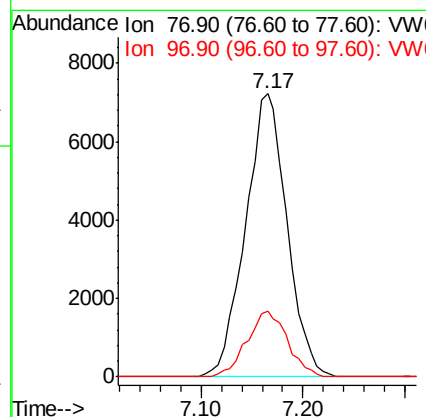
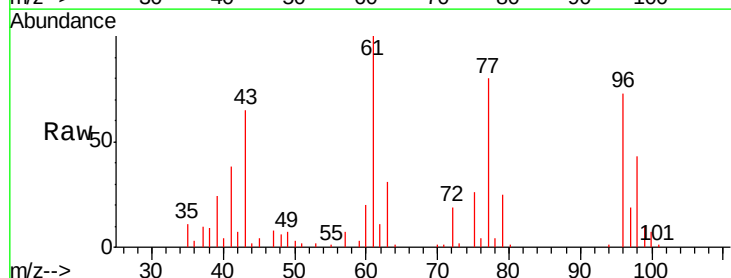
Acq: 18 Dec 2018 12:07

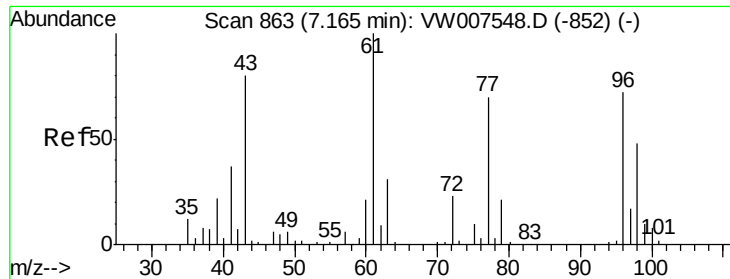
Tgt Ion: 77 Resp: 20429

Ion Ratio Lower Upper

77 100

97 22.8 11.6 34.8





#27

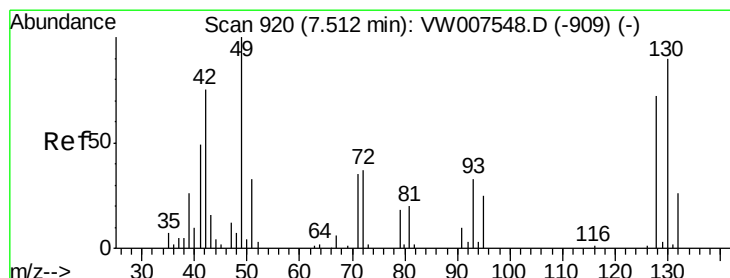
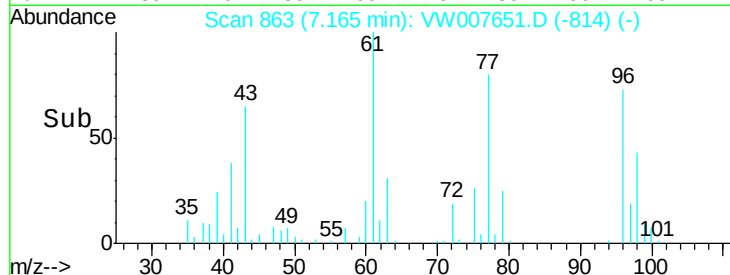
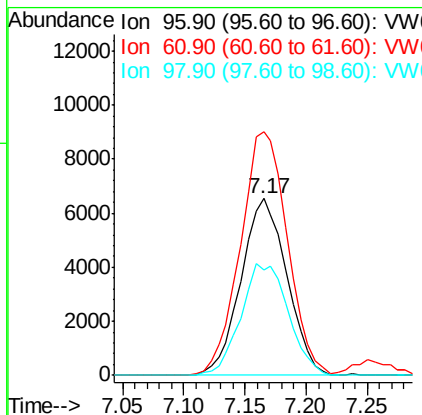
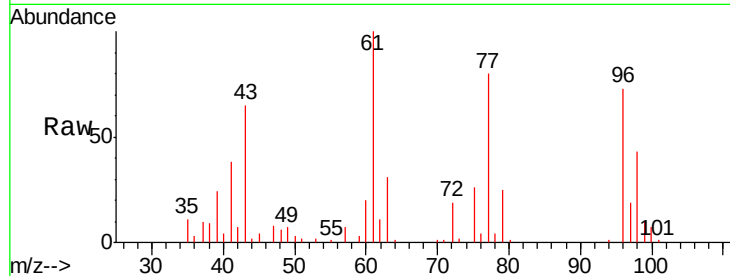
cis-1,2-Dichloroethene
Concen: 20.203 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW007651.D
Acq: 18 Dec 2018 12:07

Instrument :
MSVOA_W
ClientSampleId :
VW1220SBS01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	141.5	0.0	268.4
98	65.3	0.0	127.8

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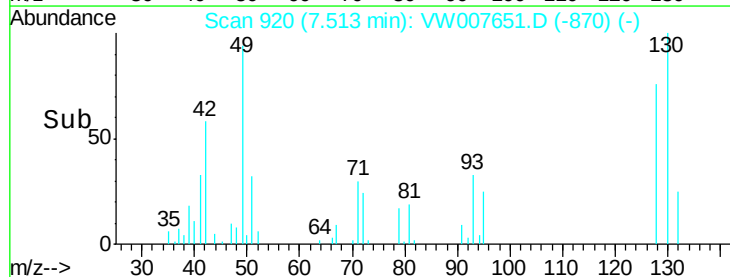
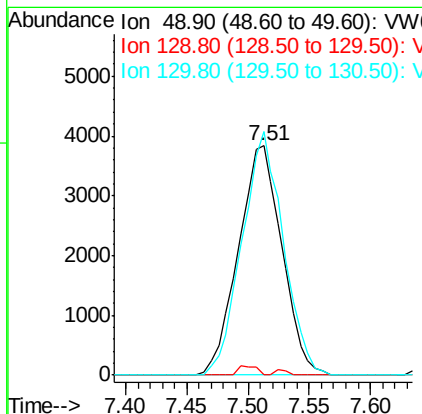
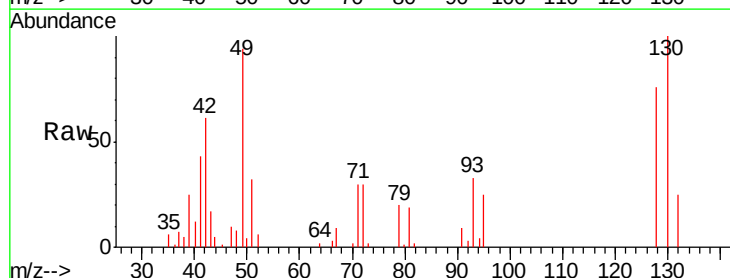
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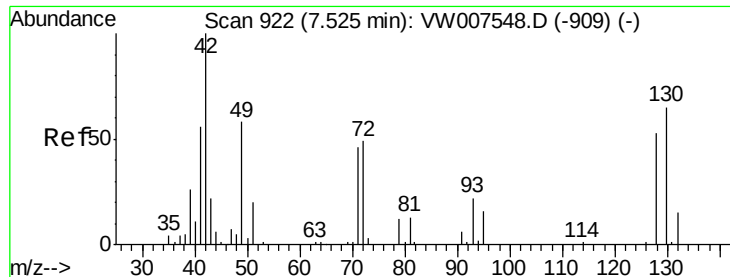


#28

Bromochloromethane
Concen: 19.115 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.01 min
Lab File: VW007651.D
Acq: 18 Dec 2018 12:07

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.6	0.0	2.6
130	100.8	75.9	113.9





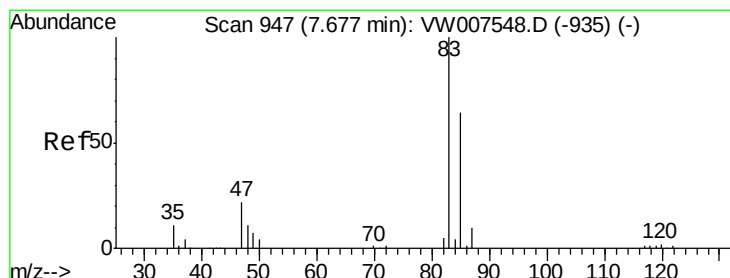
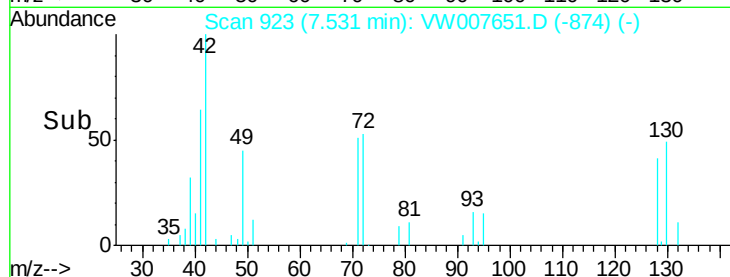
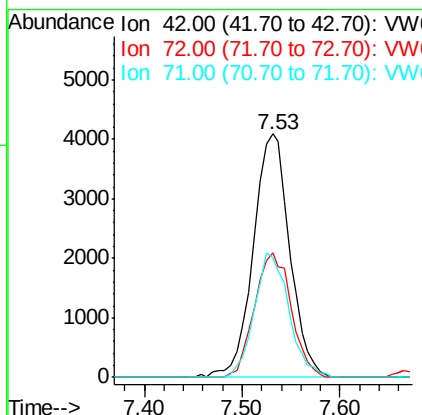
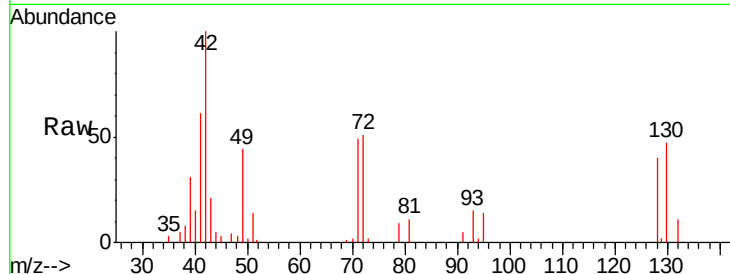
#29
Tetrahydrofuran
Concen: 94.047 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW007651.D
Acq: 18 Dec 2018 12:07

Instrument :
MSVOA_W
ClientSampleId :
VW1220SBS01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	51.4	38.2	57.4
71	48.4	35.5	53.3

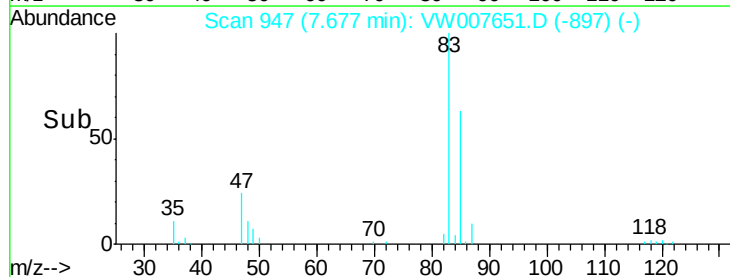
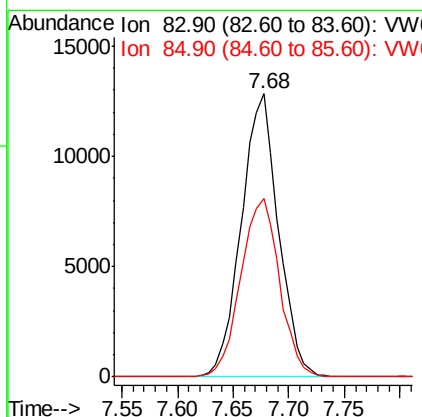
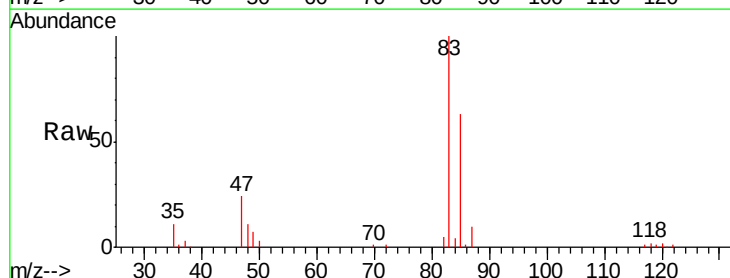
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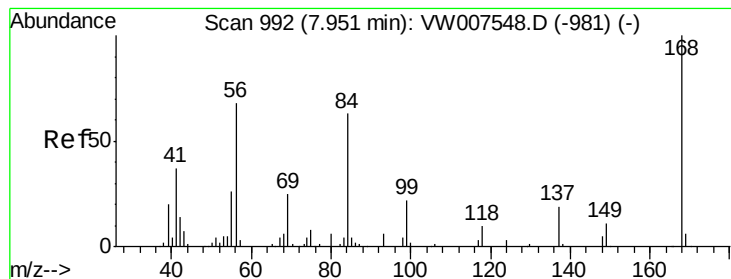
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#30
Chloroform
Concen: 20.735 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.01 min
Lab File: VW007651.D
Acq: 18 Dec 2018 12:07

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.2	51.8	77.8





#31

Cyclohexane

Concen: 19.637 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW007651.D

Acq: 18 Dec 2018 12:07

Instrument :

MSVOA_W

ClientSampleId :

VW1220SBSD01

Tgt Ion: 56 Resp: 23775
Ion Ratio Lower Upper

56 100

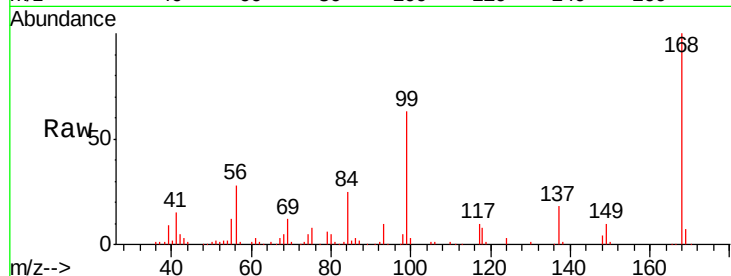
69 44.7 28.9 43.3#

84 87.5 71.8 107.6

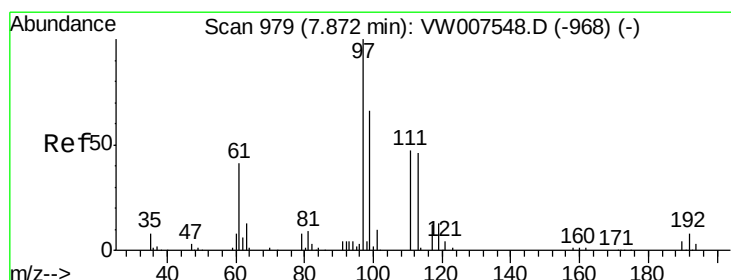
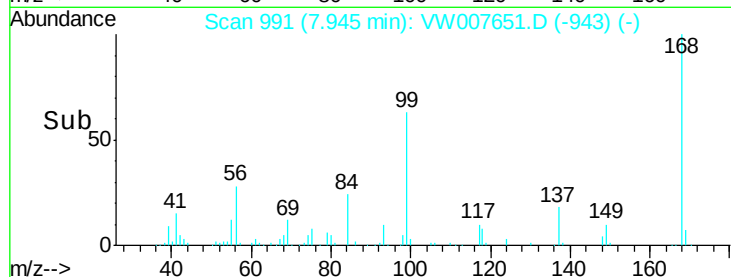
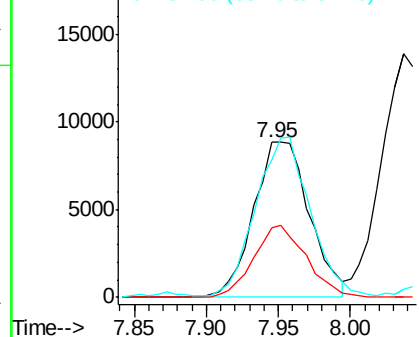
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Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW



#32

1,1,1-Trichloroethane

Concen: 21.523 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.01 min

Lab File: VW007651.D

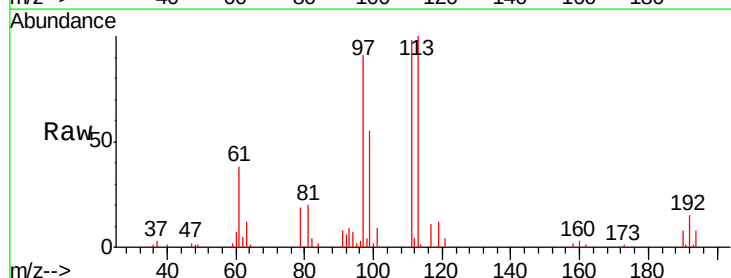
Acq: 18 Dec 2018 12:07

Tgt Ion: 97 Resp: 27104
Ion Ratio Lower Upper

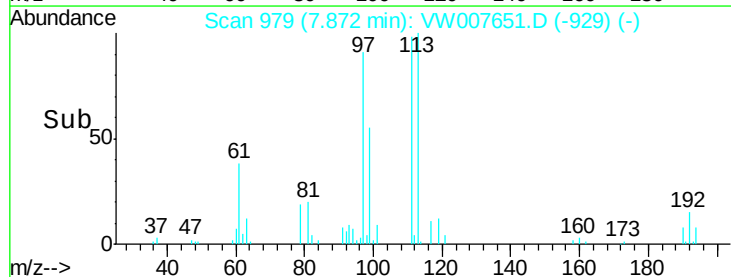
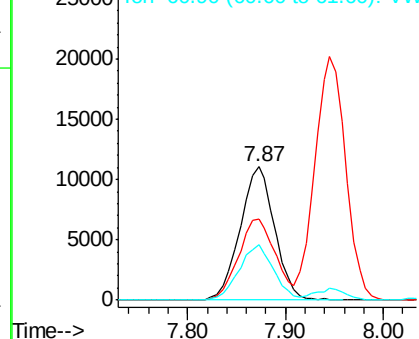
97 100

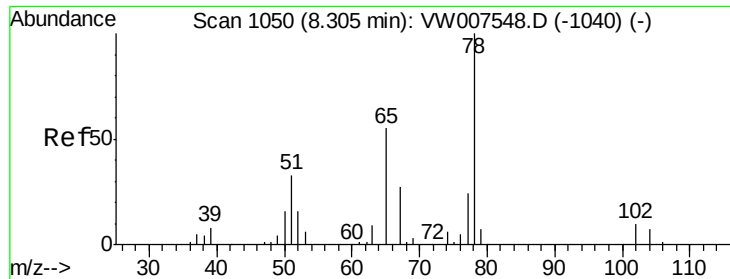
99 65.3 51.1 76.7

61 41.5 33.2 49.8



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





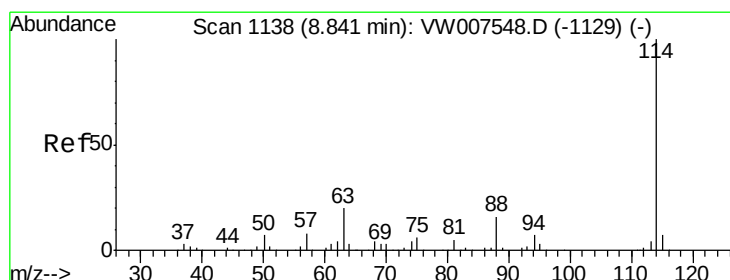
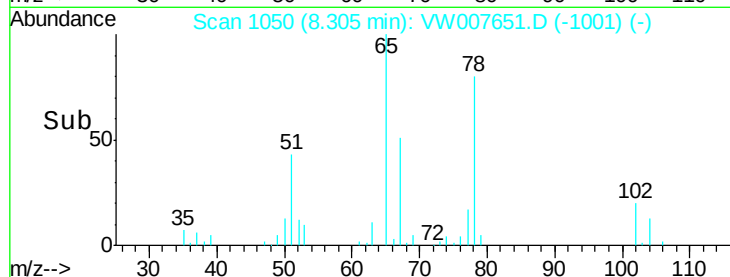
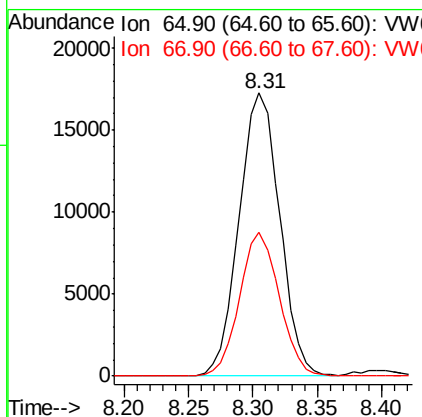
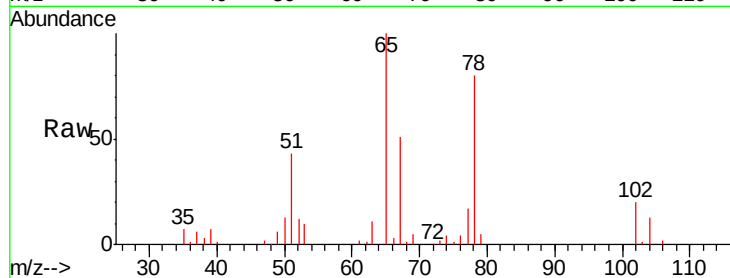
#33
 1,2-Dichloroethane-d4
 Concen: 48.563 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007651.D
 Acq: 18 Dec 2018 12:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1220SBS01

Tgt Ion: 65 Resp: 37848
 Ion Ratio Lower Upper
 65 100
 67 49.4 0.0 101.6

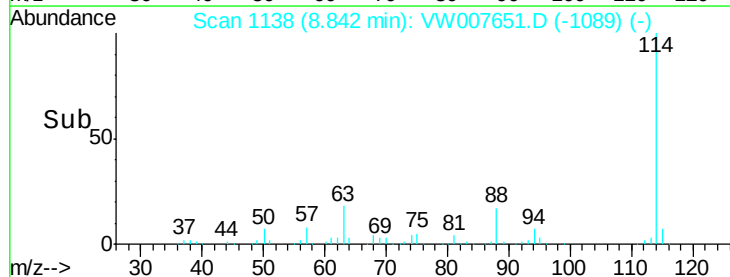
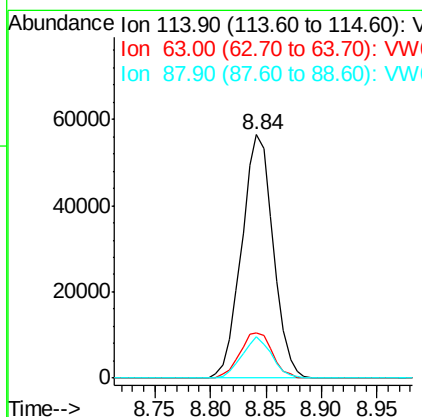
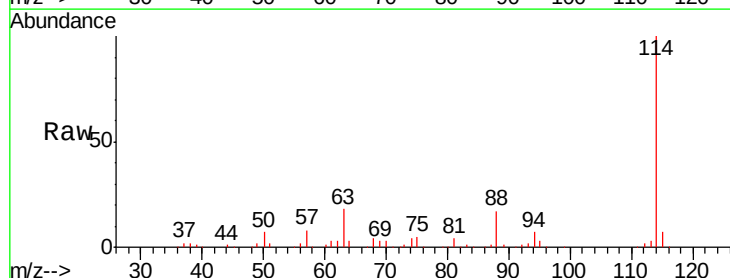
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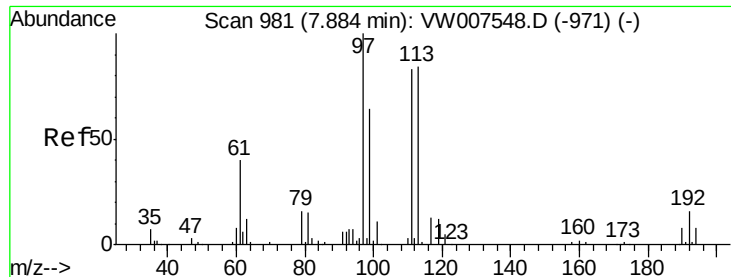
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007651.D
 Acq: 18 Dec 2018 12:07

Tgt Ion: 114 Resp: 111047
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 39.6
 88 17.1 0.0 31.4





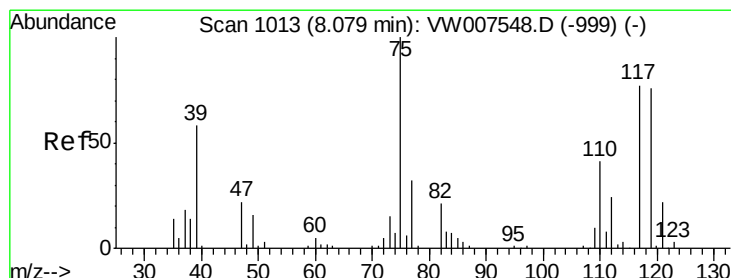
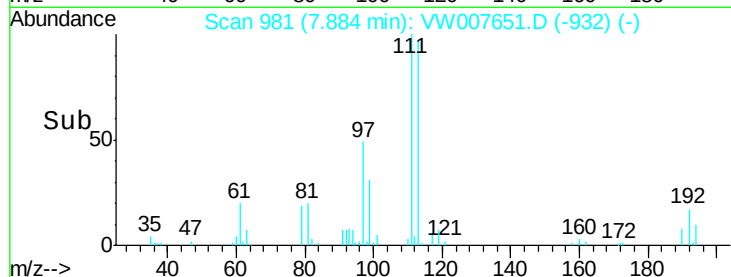
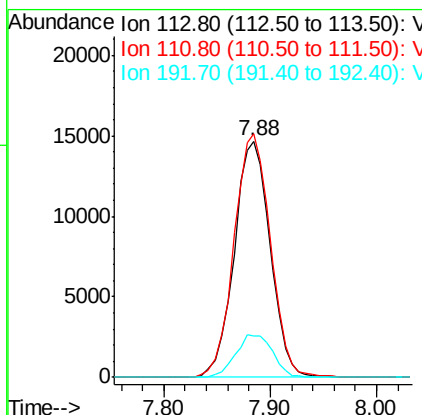
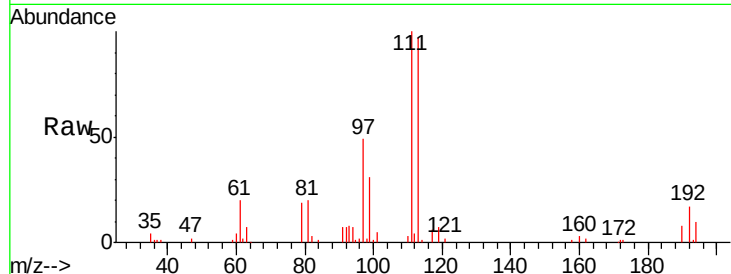
#35
 Dibromofluoromethane
 Concen: 51.618 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007651.D
 Acq: 18 Dec 2018 12:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1220SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	34698		
111	104.4	81.1	121.7	
192	18.6	14.6	21.8	

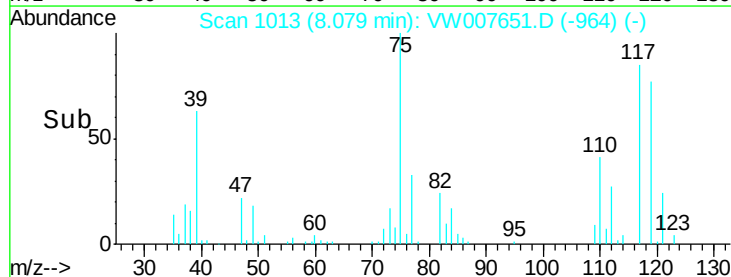
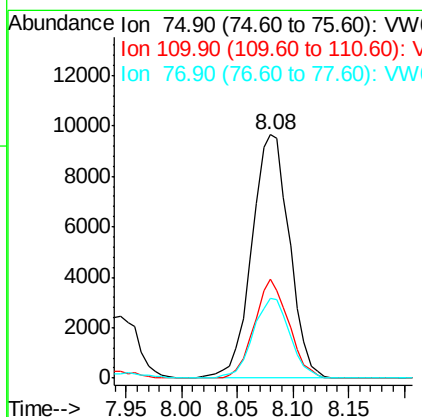
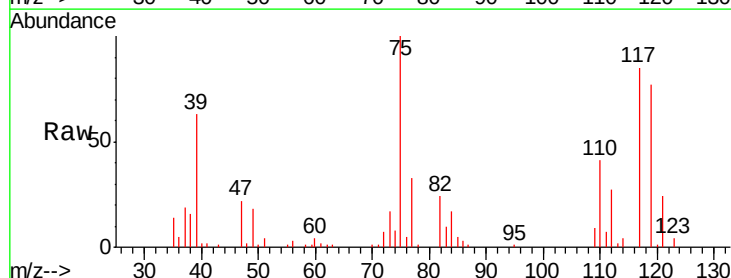
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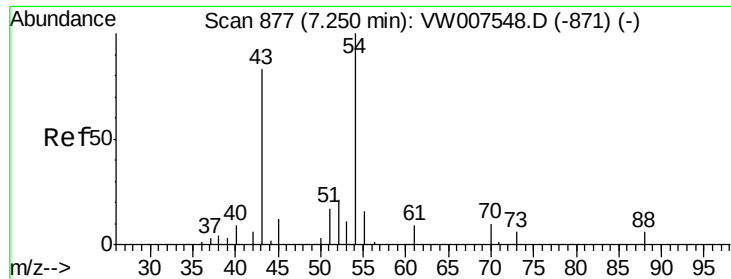
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#36
 1,1-Dichloropropene
 Concen: 22.381 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW007651.D
 Acq: 18 Dec 2018 12:07

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	22672		
110	37.0	18.5	55.5	
77	32.2	25.6	38.4	





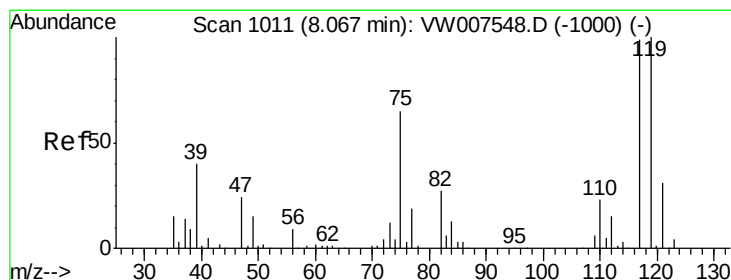
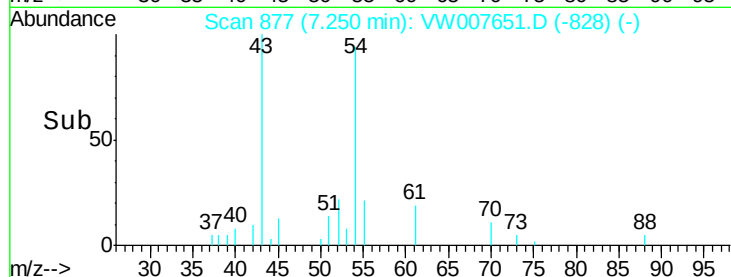
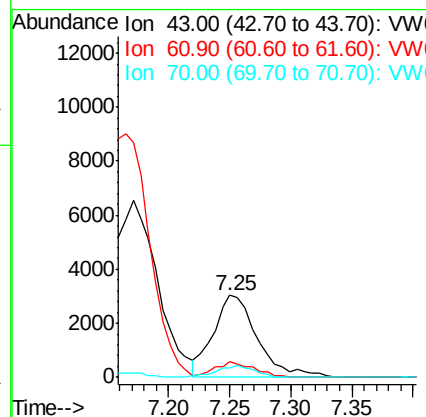
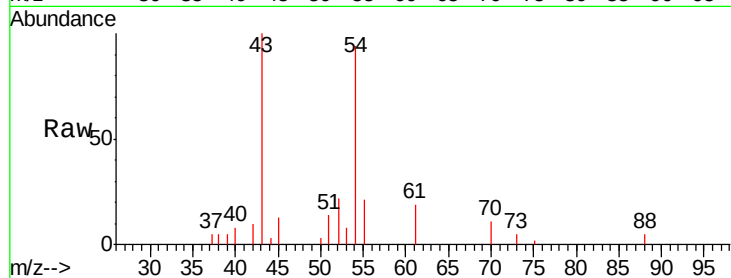
#37
Ethyl Acetate
Concen: 20.243 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW007651.D
Acq: 18 Dec 2018 12:07

Instrument :
MSVOA_W
ClientSampleId :
VW1220SBS01

Tgt Ion: 43 Resp: 7627
Ion Ratio Lower Upper
43 100
61 16.5 12.1 18.1
70 12.1 10.0 15.0

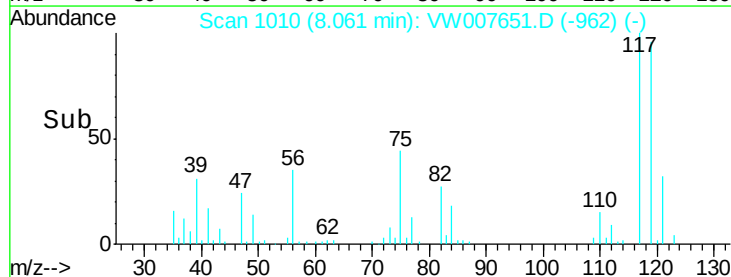
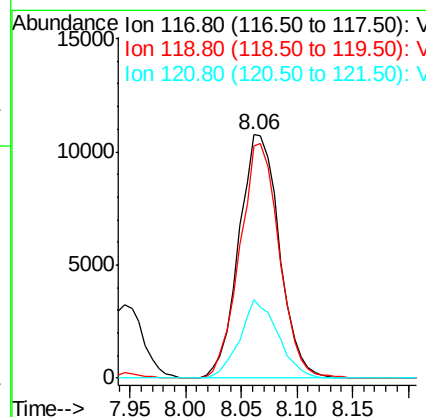
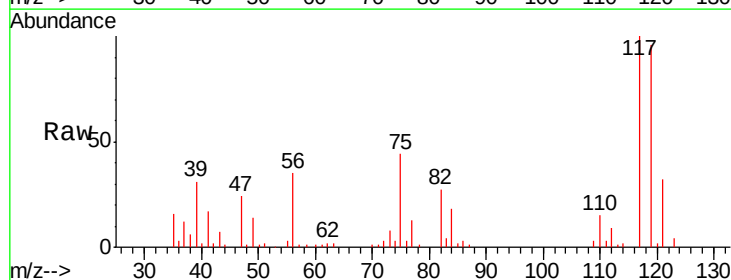
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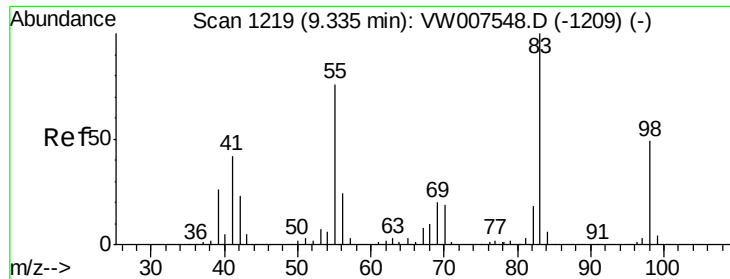
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#38
Carbon Tetrachloride
Concen: 24.641 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW007651.D
Acq: 18 Dec 2018 12:07

Tgt Ion: 117 Resp: 27160
Ion Ratio Lower Upper
117 100
119 95.5 74.3 111.5
121 32.4 24.3 36.5





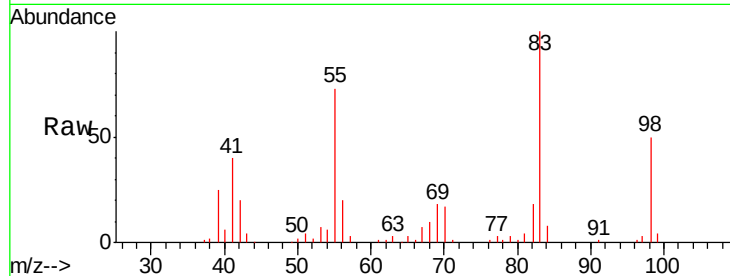
#39
Methylcyclohexane
Concen: 23.817 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007651.D
Acq: 18 Dec 2018 12:07

Instrument :
MSVOA_W
ClientSampleId :
VW1220SBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	72.7	62.8	94.2
98	49.9	42.2	63.2

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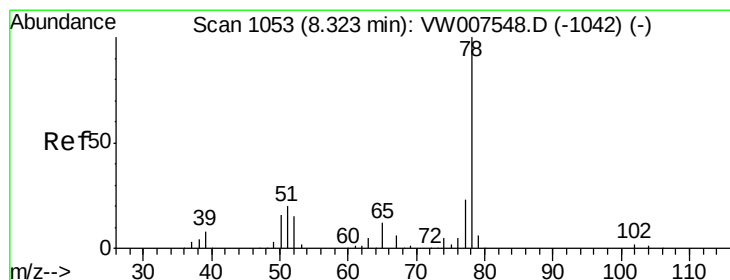
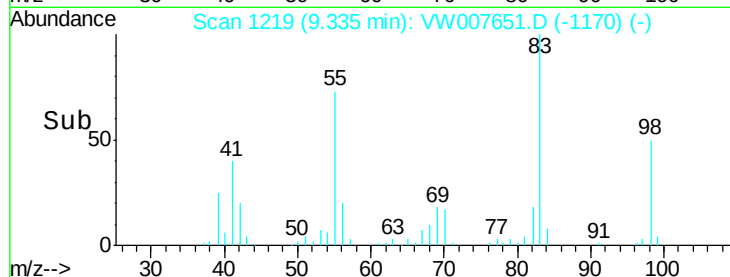
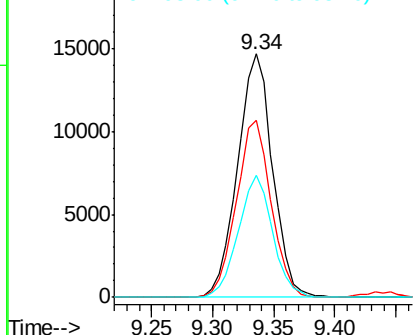


Abundance

Ion 83.00 (82.70 to 83.70): VW

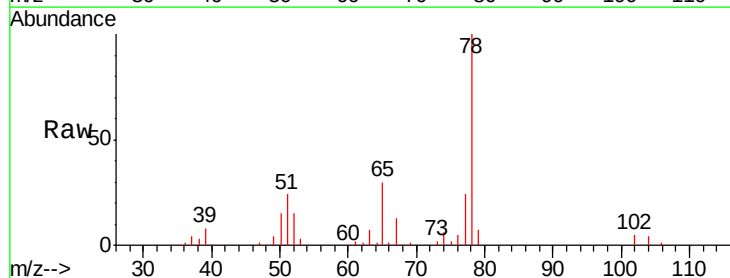
Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW



#40
Benzene
Concen: 22.007 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW007651.D
Acq: 18 Dec 2018 12:07

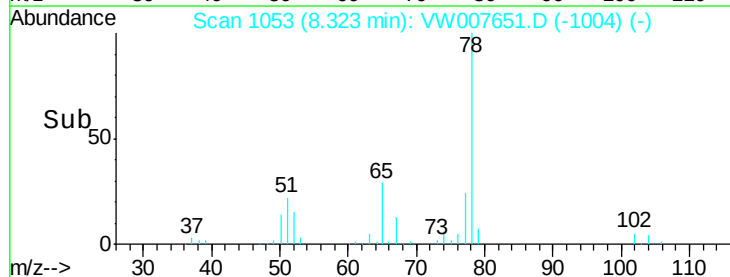
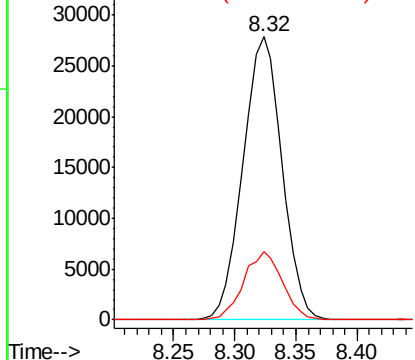
Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.8	28.2

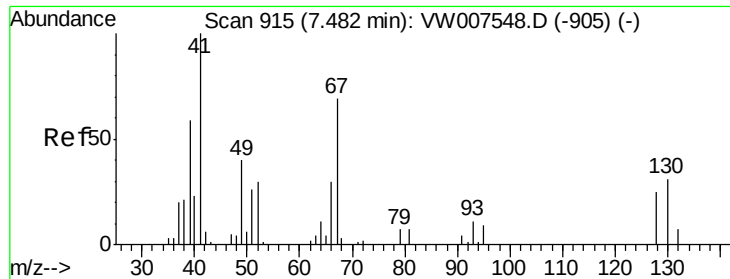


Abundance

Ion 78.00 (77.70 to 78.70): VW

Ion 77.00 (76.70 to 77.70): VW





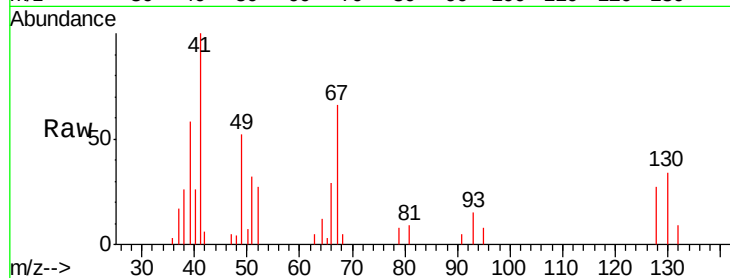
#41
Methacrylonitrile
Concen: 21.197 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW007651.D
Acq: 18 Dec 2018 12:07

Instrument :
MSVOA_W
ClientSampleId :
VW1220SBSD01

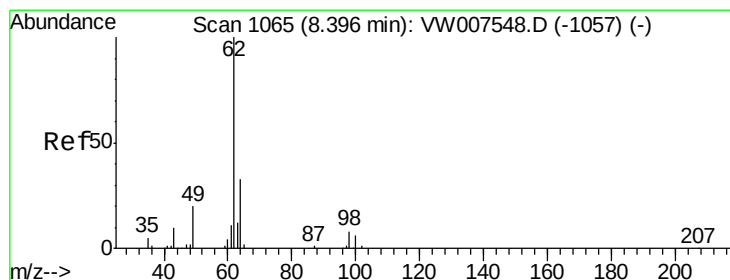
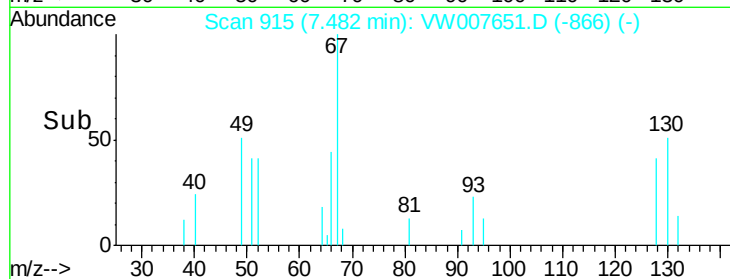
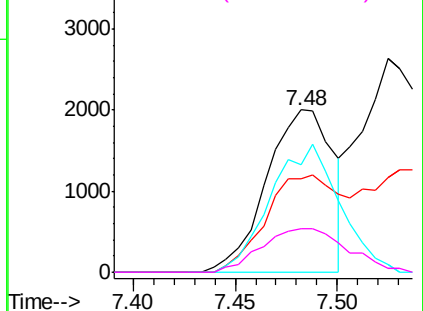
Tgt Ion:	41	Resp:	4548
Ion	Ratio	Lower	Upper
41	100		
39	69.8	52.2	78.2
67	82.0	60.5	90.7
52	34.7	25.3	37.9

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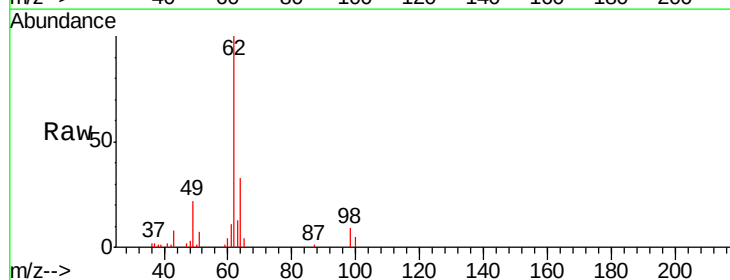


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

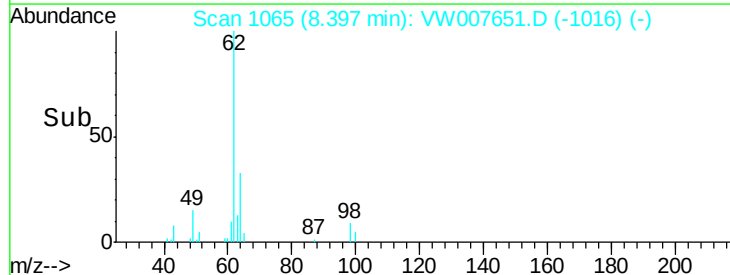
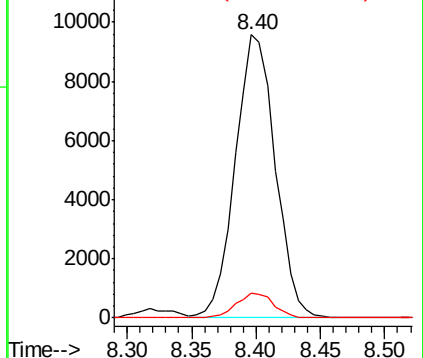


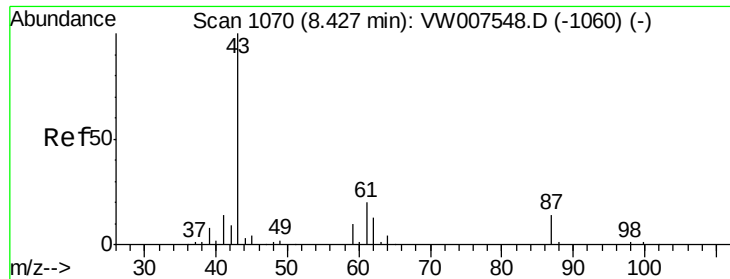
#42
1,2-Dichloroethane
Concen: 23.297 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW007651.D
Acq: 18 Dec 2018 12:07

Tgt Ion:	62	Resp:	20574
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	17.6



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





#43

Isopropyl Acetate

Concen: 20.345 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW007651.D

Acq: 18 Dec 2018 12:07

Instrument :

MSVOA_W

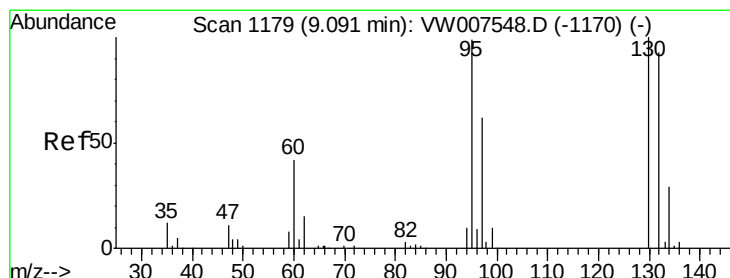
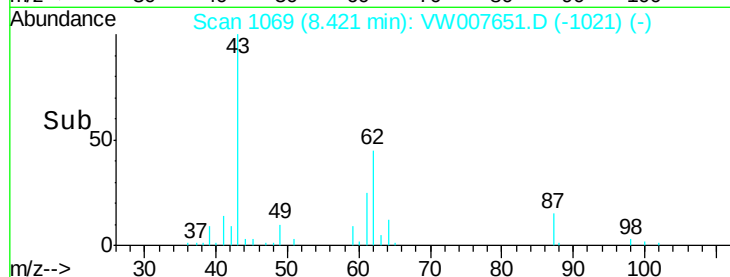
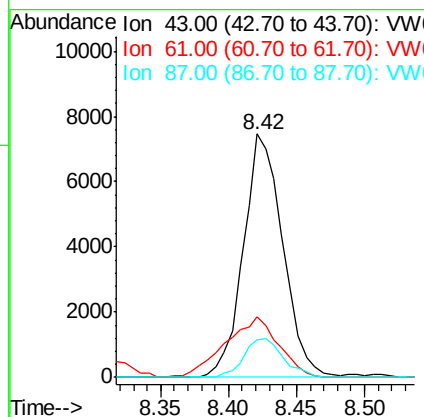
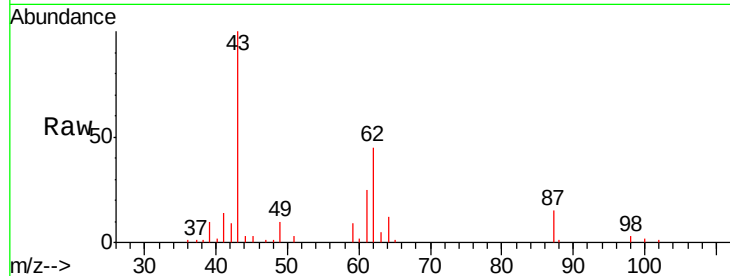
ClientSampleId :

VW1220SBSD01

Tgt Ion:	43	Resp:	15142
Ion	Ratio	Lower	Upper
43	100		
61	33.6	25.3	37.9
87	15.9	11.8	17.8

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#44

Trichloroethene

Concen: 23.144 ug/l

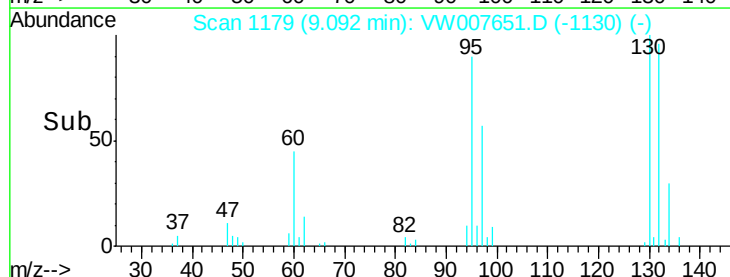
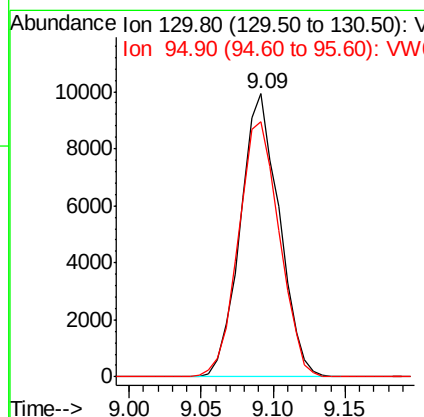
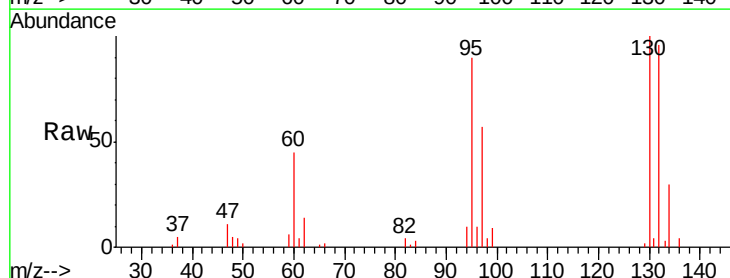
RT: 9.09 min Scan# 1179

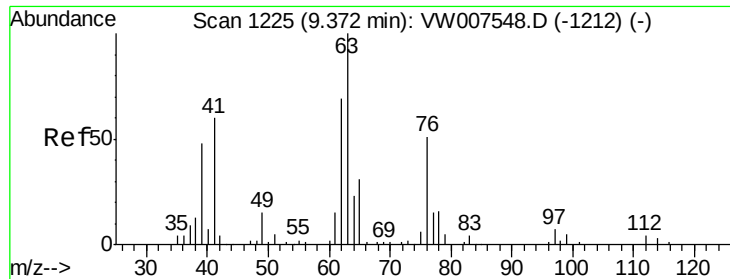
Delta R.T. -0.00 min

Lab File: VW007651.D

Acq: 18 Dec 2018 12:07

Tgt Ion:	130	Resp:	18580
Ion	Ratio	Lower	Upper
130	100		
95	90.3	0.0	193.2





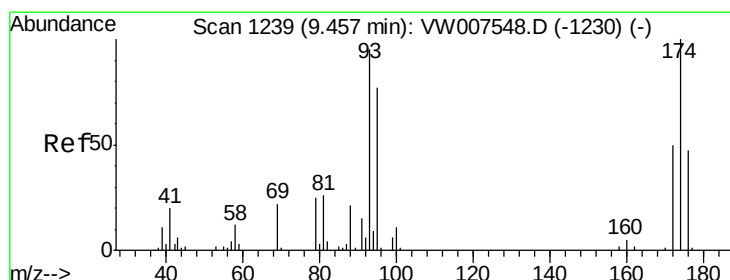
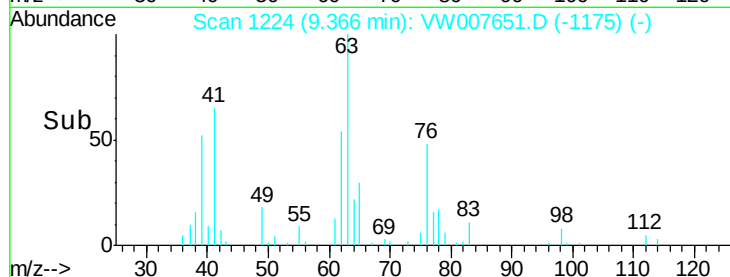
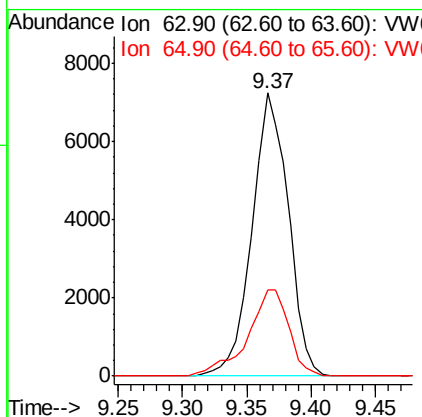
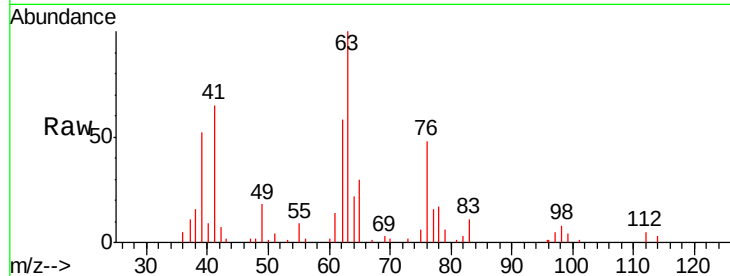
#45
 1,2-Dichloropropane
 Concen: 21.752 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW007651.D
 Acq: 18 Dec 2018 12:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1220SBS01

Tgt Ion: 63 Resp: 14151
 Ion Ratio Lower Upper
 63 100
 65 30.5 24.4 36.6

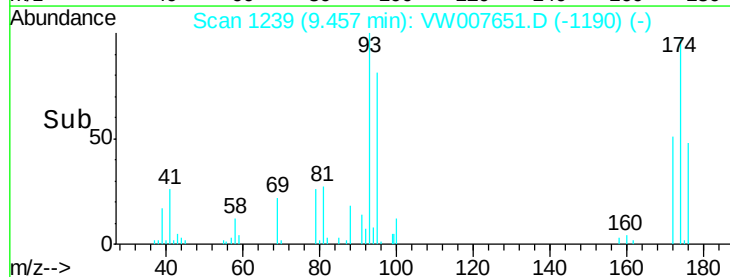
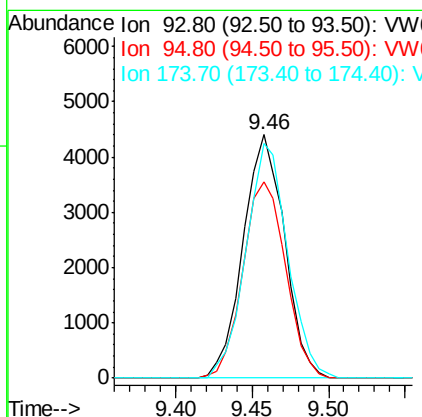
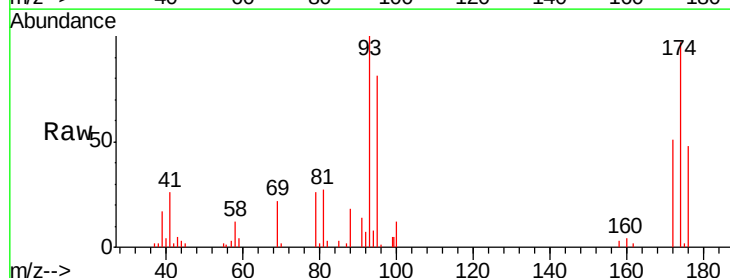
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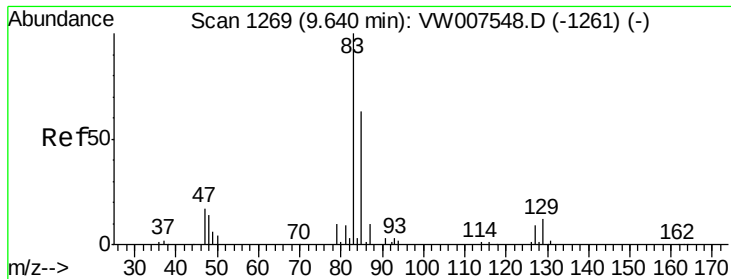
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#46
 Dibromomethane
 Concen: 22.488 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW007651.D
 Acq: 18 Dec 2018 12:07

Tgt Ion: 93 Resp: 8308
 Ion Ratio Lower Upper
 93 100
 95 83.0 68.0 102.0
 174 97.2 83.2 124.8





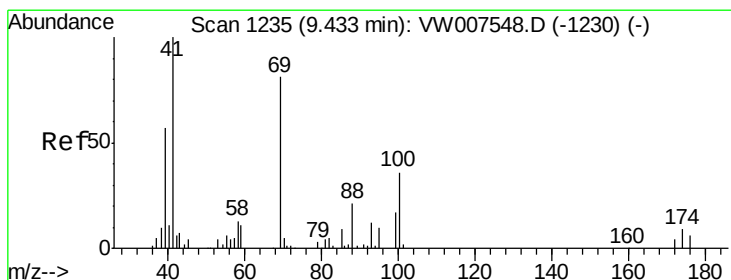
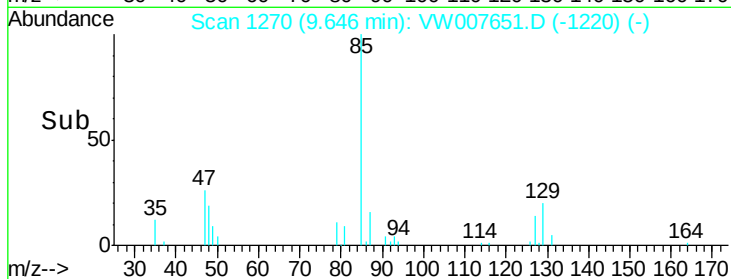
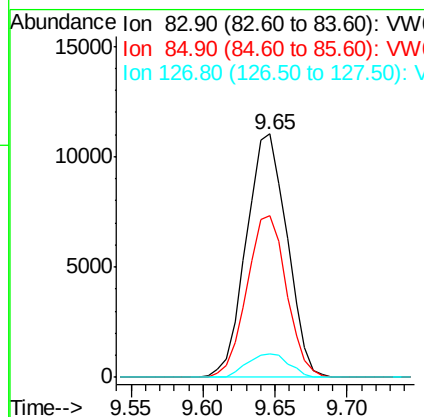
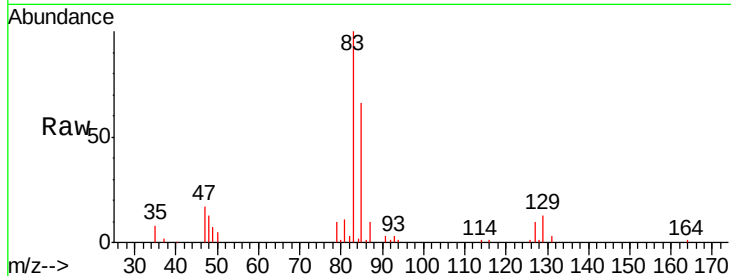
#47
 Bromodichloromethane
 Concen: 22.290 ug/l
 RT: 9.65 min Scan# 1270
 Delta R.T. 0.01 min
 Lab File: VW007651.D
 Acq: 18 Dec 2018 12:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1220SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	21600		
85	66.3		47.6	71.4
127	9.5		6.7	10.1

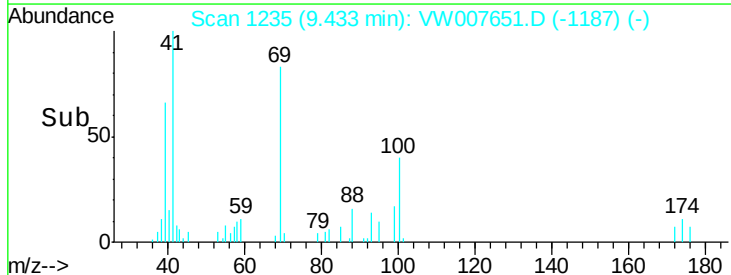
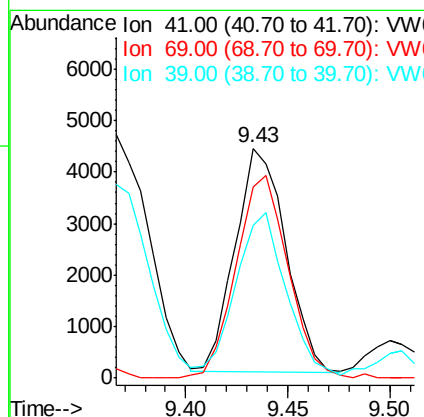
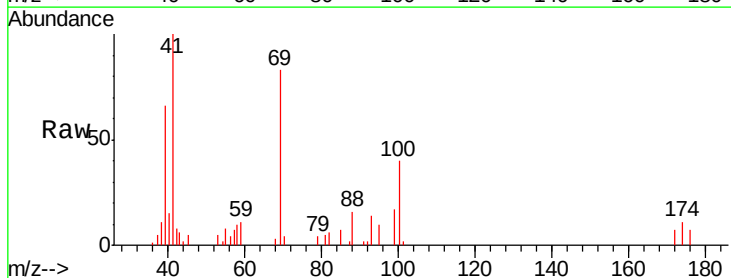
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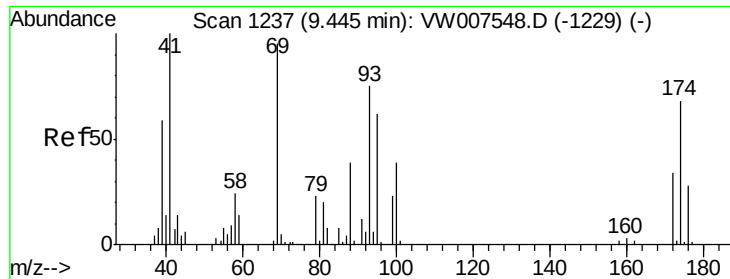
apatel
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#48
 Methyl methacrylate
 Concen: 19.627 ug/l
 RT: 9.43 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: VW007651.D
 Acq: 18 Dec 2018 12:07

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	7502		
69	92.9		69.8	104.8
39	71.1		50.9	76.3





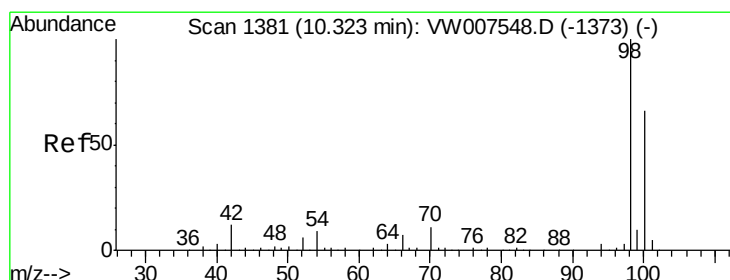
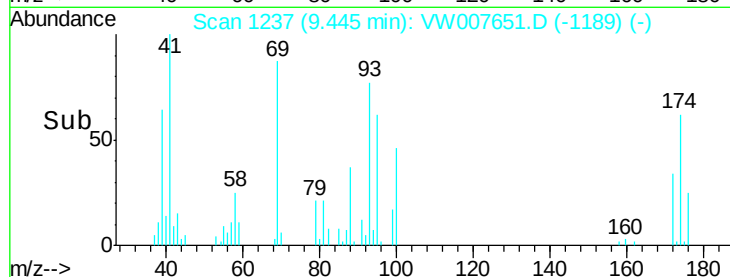
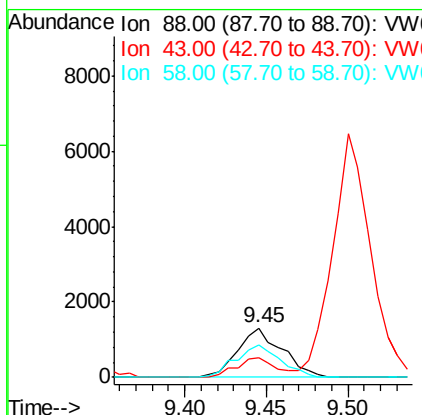
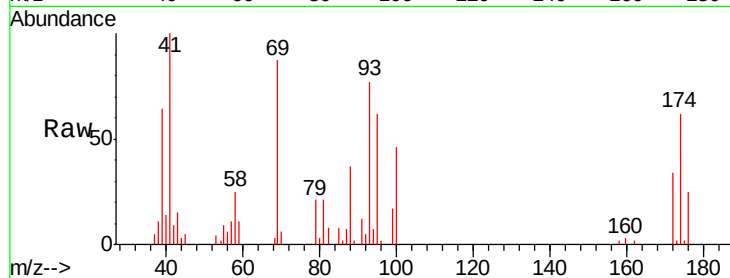
#49
1,4-Dioxane
Concen: 411.544 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.01 min
Lab File: VW007651.D
Acq: 18 Dec 2018 12:07

Instrument :
MSVOA_W
ClientSampleId :
VW1220SBSD01

Tgt Ion	Ratio	Lower	Upper
88	100		
43	36.0	25.0	37.4
58	66.9	51.4	77.2

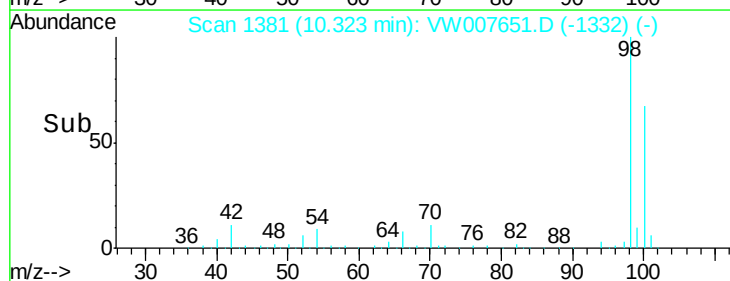
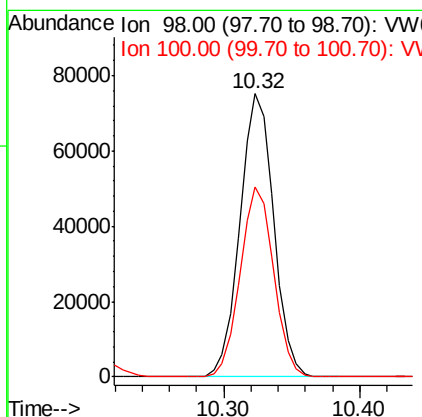
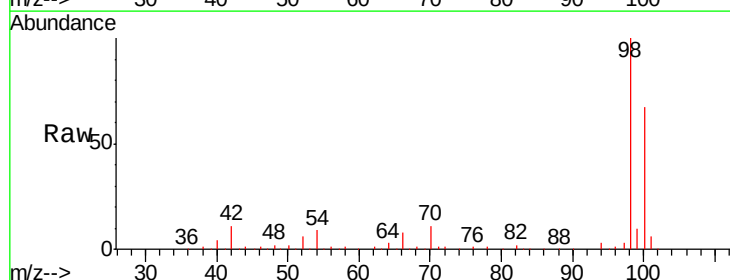
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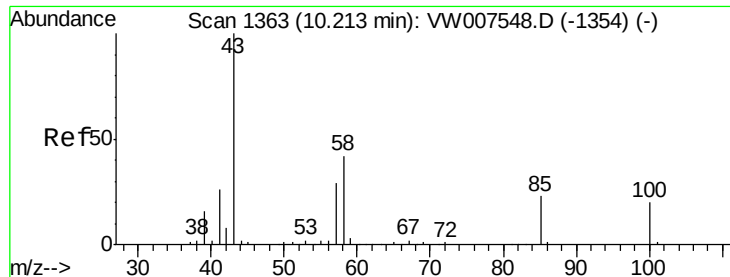
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#50
Toluene-d8
Concen: 51.675 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007651.D
Acq: 18 Dec 2018 12:07

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.6	51.8	77.8





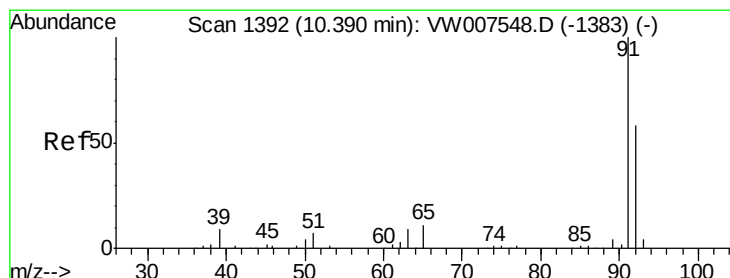
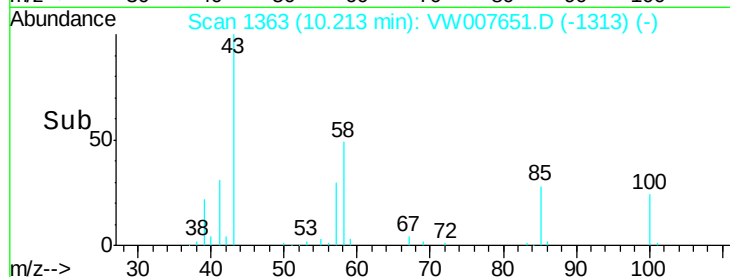
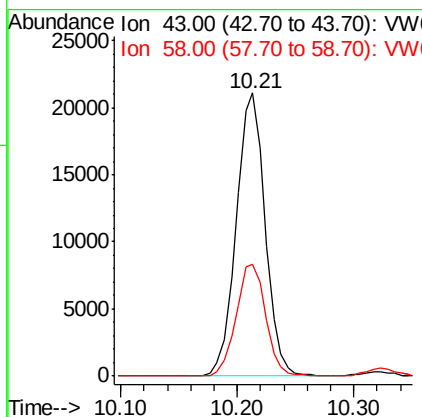
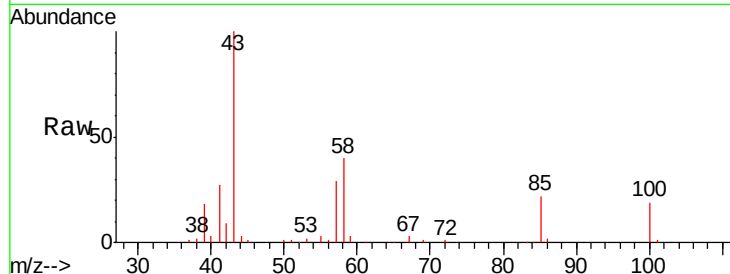
#51
4-Methyl-2-Pentanone
Concen: 103.502 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.01 min
Lab File: VW007651.D
Acq: 18 Dec 2018 12:07

Instrument :
MSVOA_W
ClientSampleId :
VW1220SBS01

Tgt Ion: 43 Resp: 36397
Ion Ratio Lower Upper
43 100
58 40.4 33.1 49.7

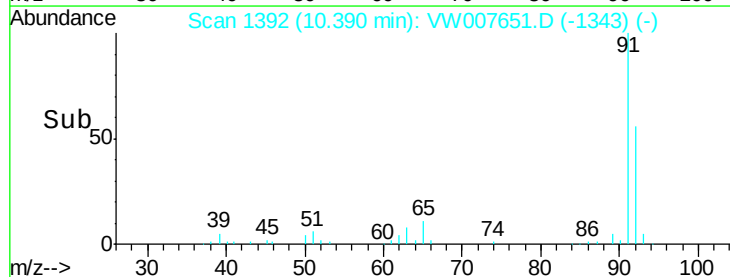
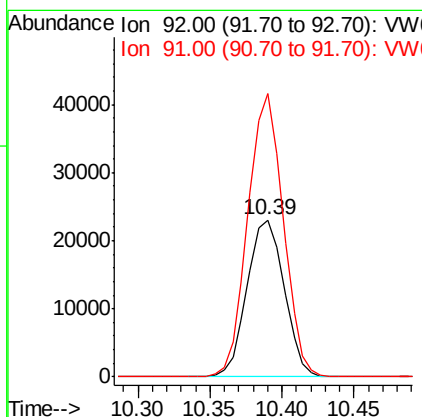
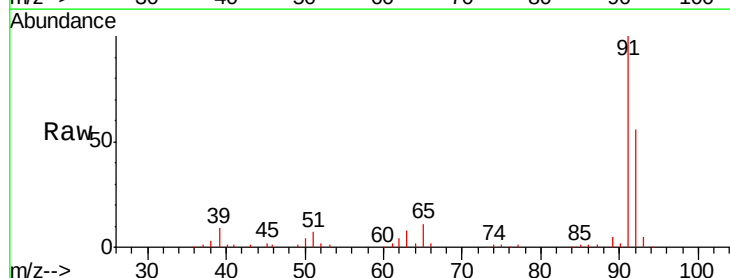
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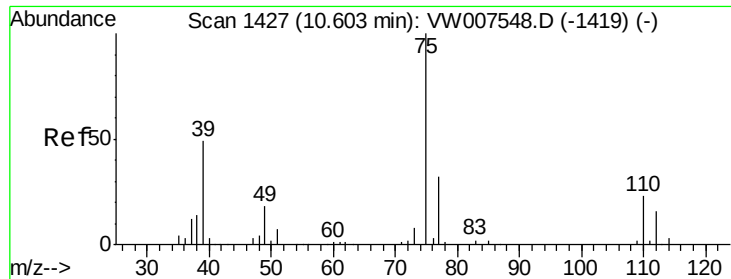
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#52
Toluene
Concen: 22.675 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW007651.D
Acq: 18 Dec 2018 12:07

Tgt Ion: 92 Resp: 41253
Ion Ratio Lower Upper
92 100
91 171.4 136.2 204.2





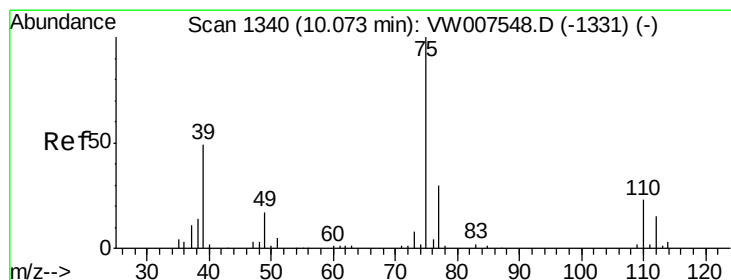
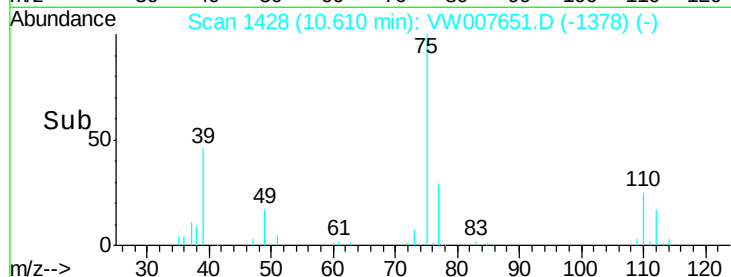
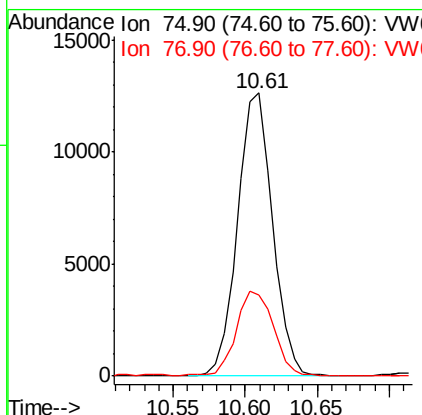
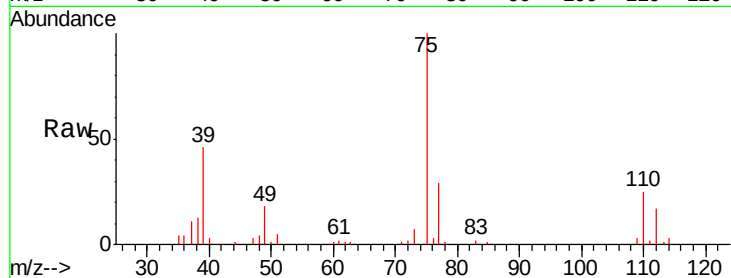
#53
t-1,3-Dichloropropene
Concen: 22.671 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. 0.01 min
Lab File: VW007651.D
Acq: 18 Dec 2018 12:07

Instrument :
MSVOA_W
ClientSampleId :
VW1220SBS01

Tgt Ion: 75 Resp: 21329
Ion Ratio Lower Upper
75 100
77 28.6 26.2 39.4

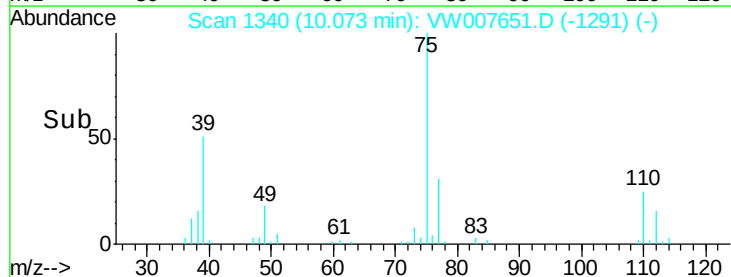
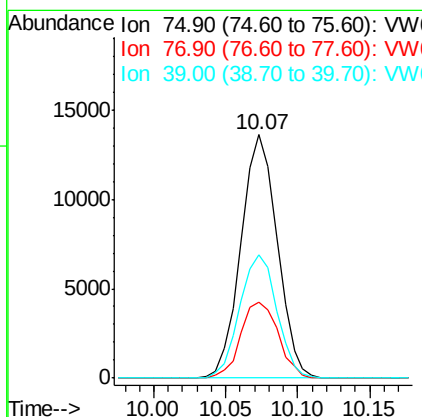
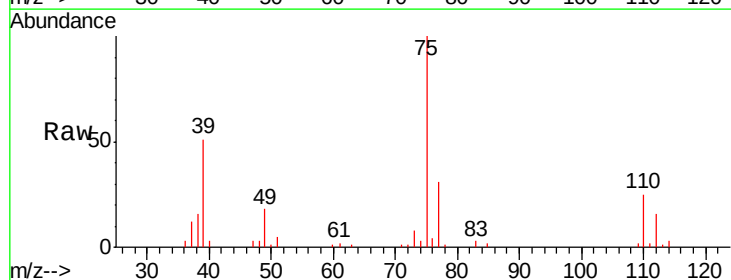
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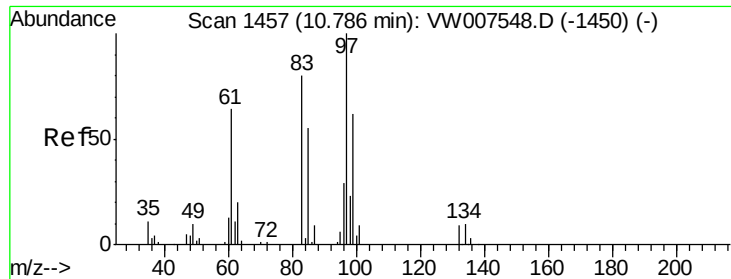
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#54
cis-1,3-Dichloropropene
Concen: 21.954 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VW007651.D
Acq: 18 Dec 2018 12:07

Tgt Ion: 75 Resp: 23876
Ion Ratio Lower Upper
75 100
77 31.4 24.8 37.2
39 50.9 40.9 61.3





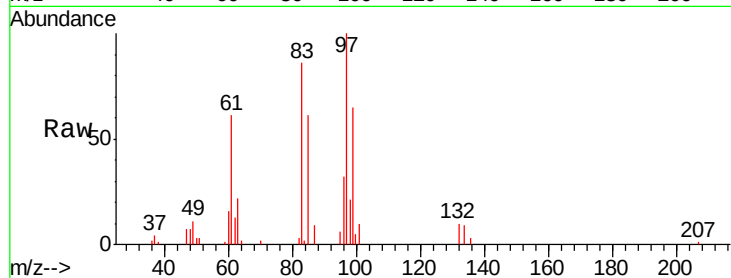
#55
 1,1,2-Trichloroethane
 Concen: 22.022 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: VW007651.D
 Acq: 18 Dec 2018 12:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1220SBS01

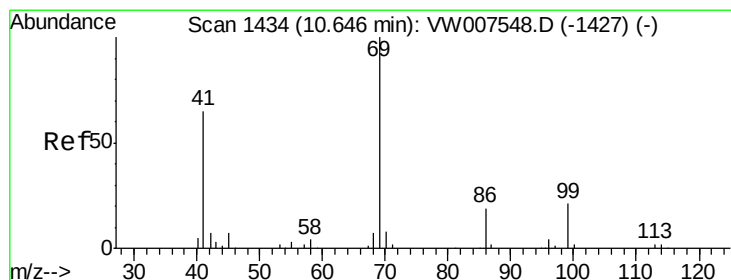
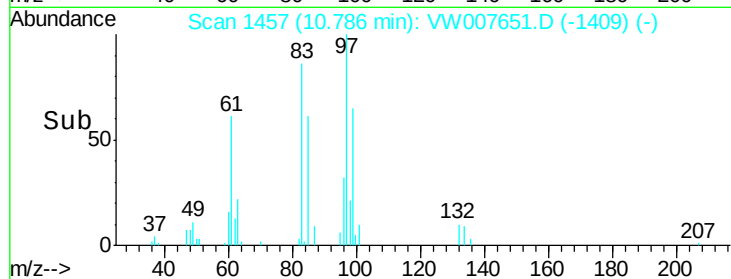
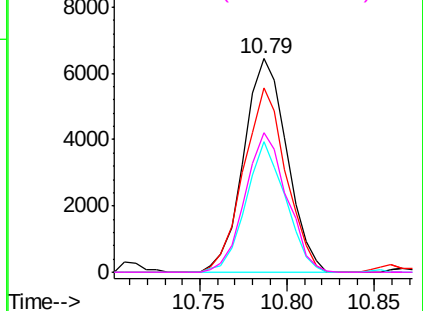
Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.5	62.1	93.1
85	61.2	44.2	66.4
99	65.2	50.2	75.4

Manual Integrations
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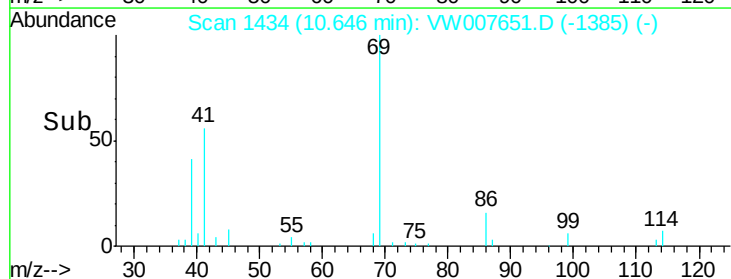
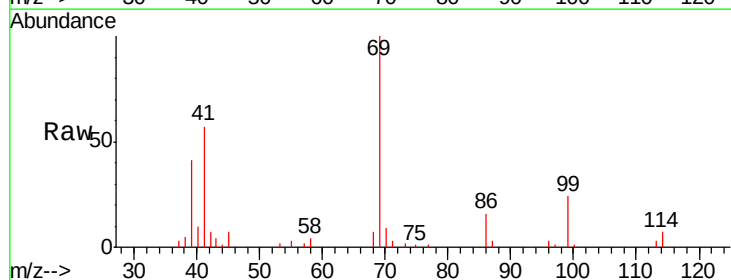
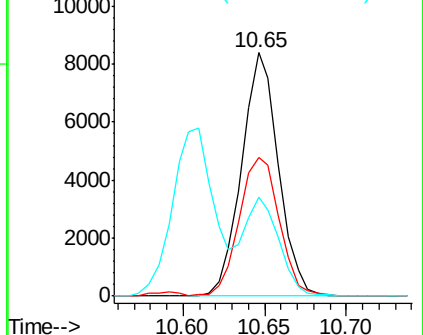
Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

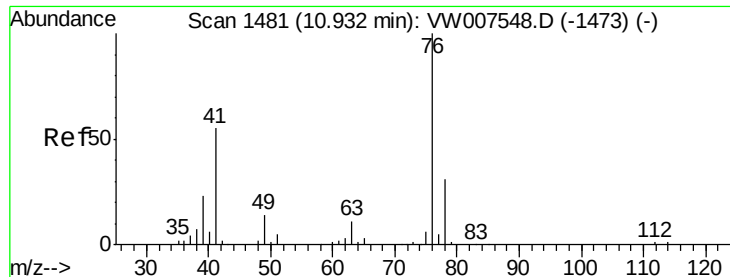


#56
 Ethyl methacrylate
 Concen: 21.825 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW007651.D
 Acq: 18 Dec 2018 12:07

Tgt Ion	Ratio	Lower	Upper
69	100		
41	62.2	51.0	76.6
39	40.0	30.8	46.2

Abundance Ion 69.00 (68.70 to 69.70): VW
 Ion 41.00 (40.70 to 41.70): VW
 Ion 39.00 (38.70 to 39.70): VW





#57

1,3-Dichloropropane

Concen: 22.821 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW007651.D

Acq: 18 Dec 2018 12:07

Instrument :

MSVOA_W

ClientSampleId :

VW1220SBS01

Tgt Ion: 76 Resp: 18834

Ion Ratio Lower Upper

76 100

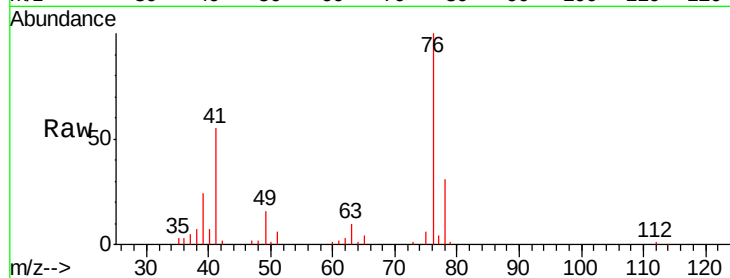
78 31.8 26.2 39.4

Manual Integrations

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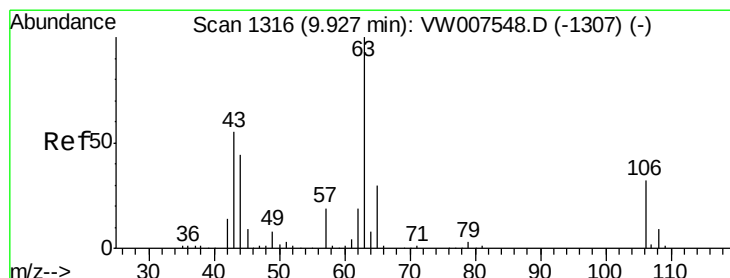
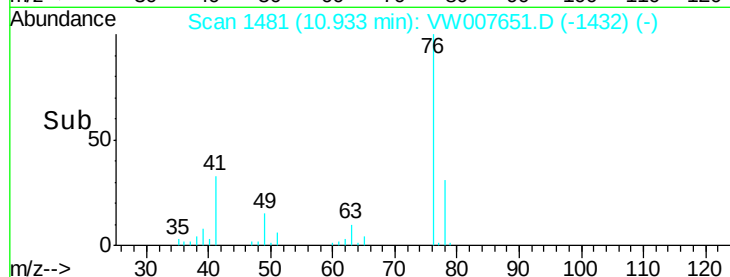
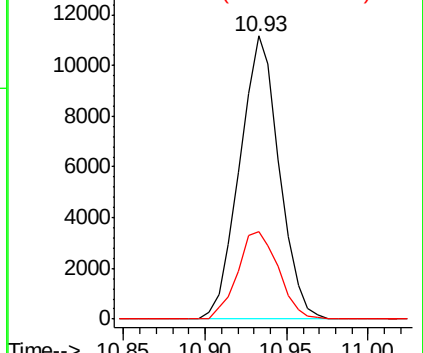
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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#58

2-Chloroethyl Vinyl ether

Concen: 108.923 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VW007651.D

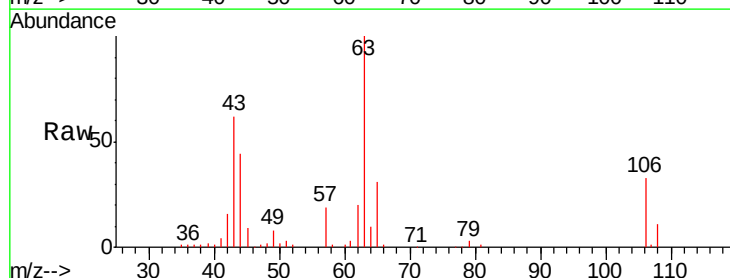
Acq: 18 Dec 2018 12:07

Tgt Ion: 63 Resp: 30357

Ion Ratio Lower Upper

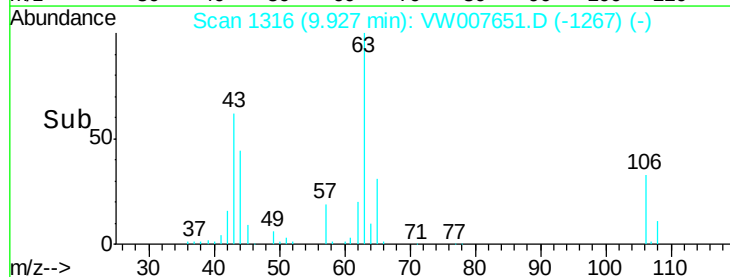
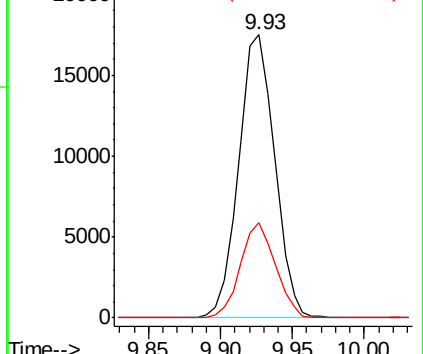
63 100

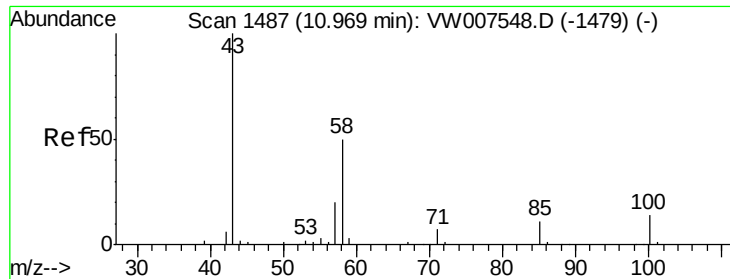
106 32.6 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 105.90 (105.60 to 106.60): V





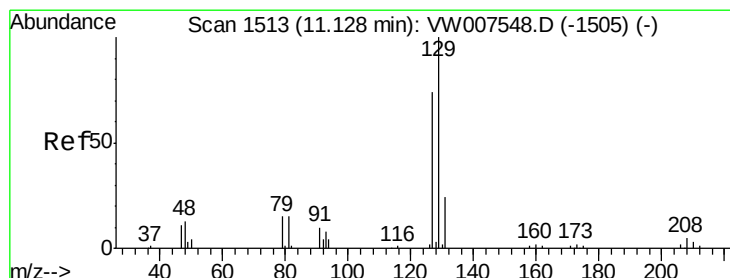
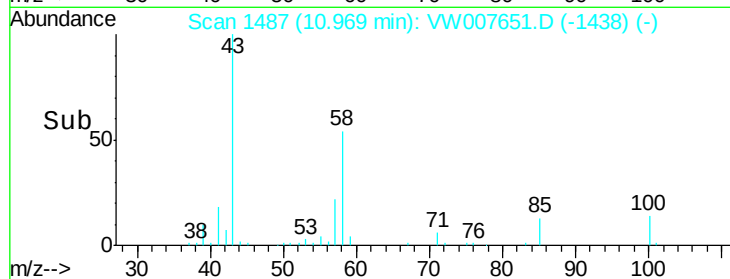
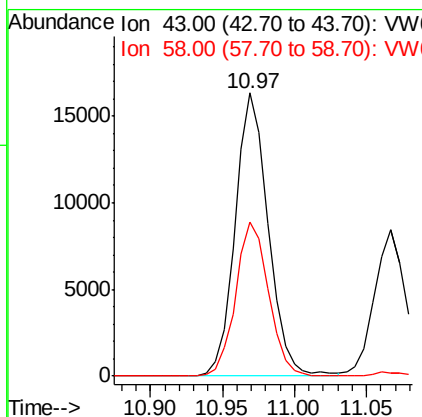
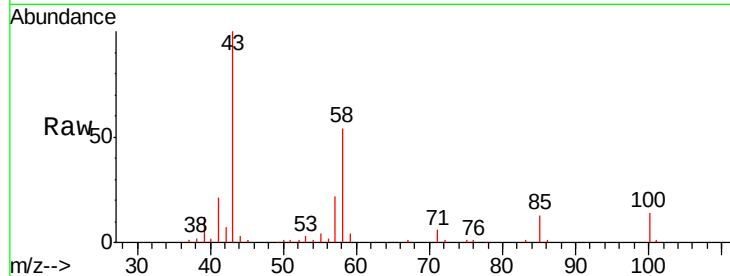
#59
2-Hexanone
Concen: 111.040 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW007651.D
Acq: 18 Dec 2018 12:07

Instrument :
MSVOA_W
ClientSampleId :
VW1220SBS01

Tgt Ion: 43 Resp: 26037
Ion Ratio Lower Upper
43 100
58 54.4 27.1 81.3

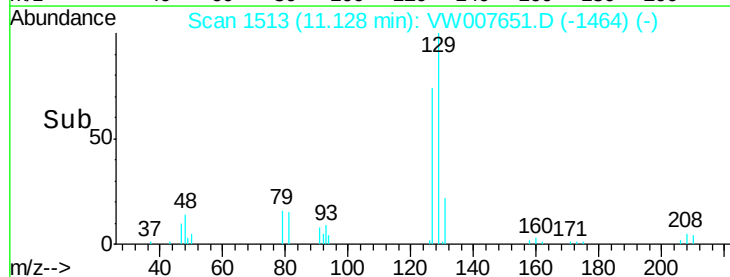
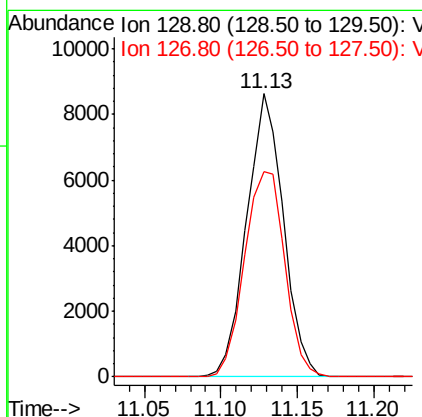
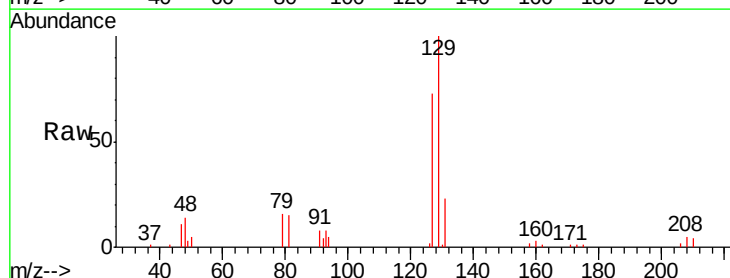
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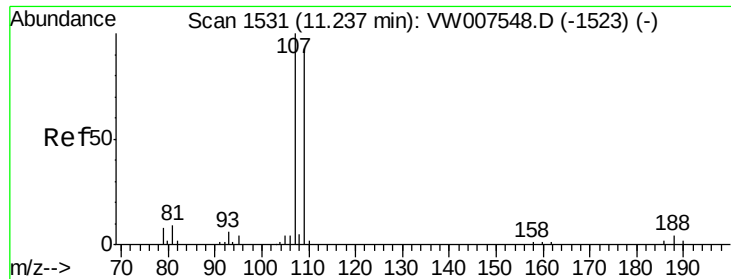
apatel
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#60
Dibromochloromethane
Concen: 22.690 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW007651.D
Acq: 18 Dec 2018 12:07

Tgt Ion: 129 Resp: 14398
Ion Ratio Lower Upper
129 100
127 79.6 38.1 114.3





#61

1,2-Dibromoethane

Concen: 21.868 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW007651.D

Acq: 18 Dec 2018 12:07

Instrument :

MSVOA_W

ClientSampleId :

VW1220SBS01

Tgt Ion: 107 Resp: 10866

Ion Ratio Lower Upper

107 100

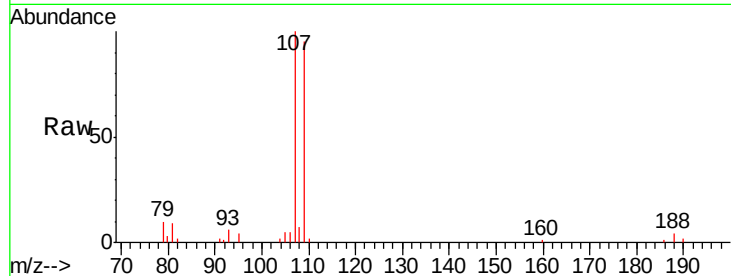
109 98.7 79.1 118.7

Manual Integrations

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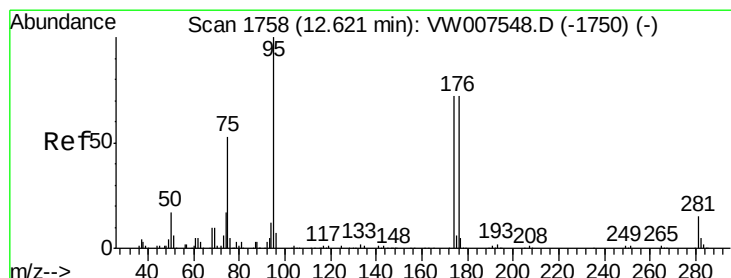
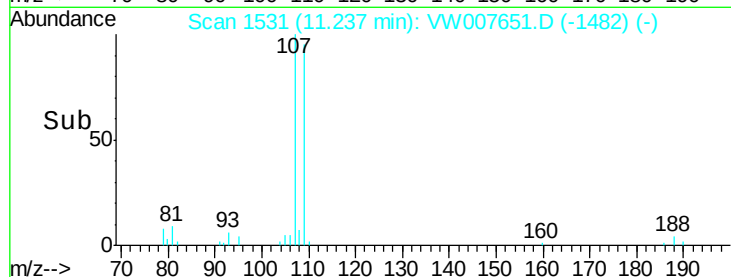
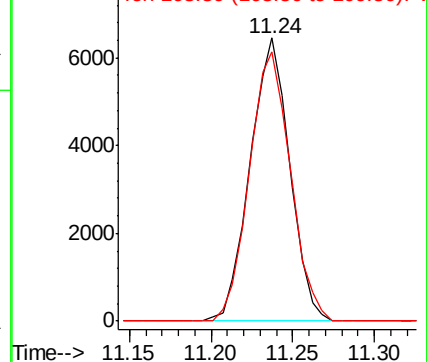
apatel

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 54.016 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007651.D

Acq: 18 Dec 2018 12:07

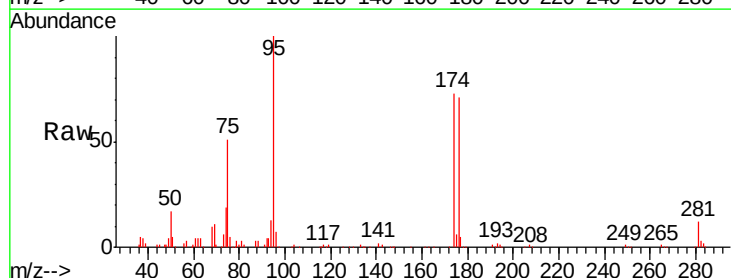
Tgt Ion: 95 Resp: 50056

Ion Ratio Lower Upper

95 100

174 76.8 0.0 147.2

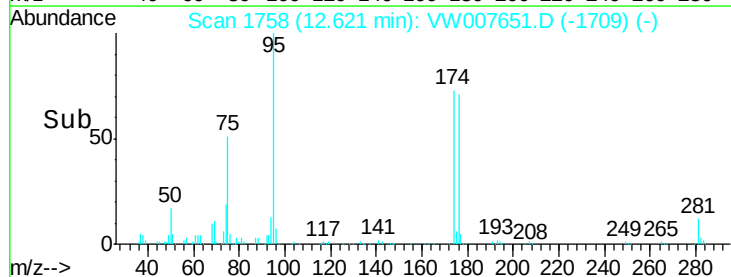
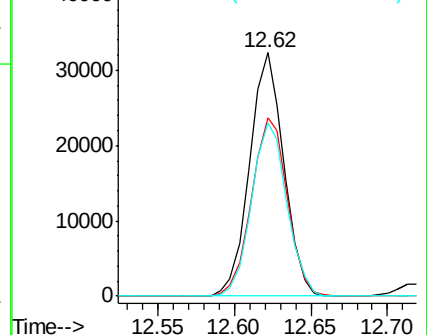
176 73.4 0.0 138.8

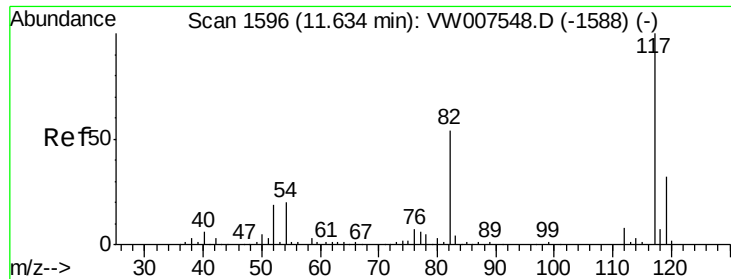


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW007651.D

Acq: 18 Dec 2018 12:07

Instrument :

MSVOA_W

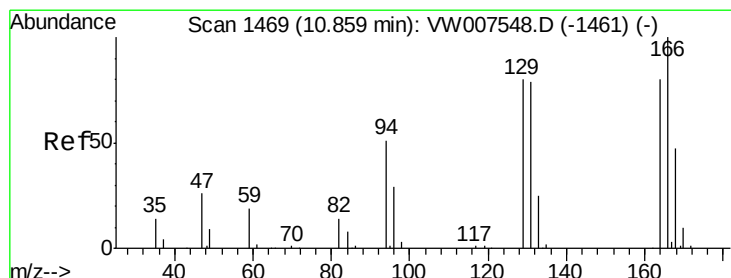
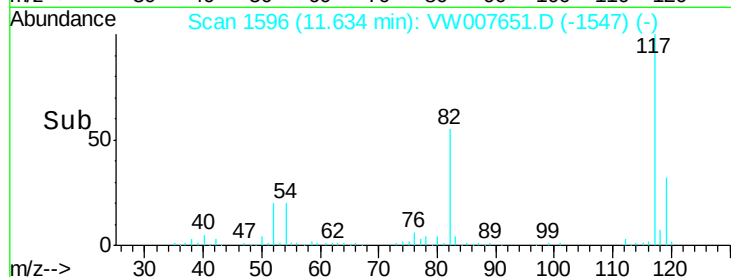
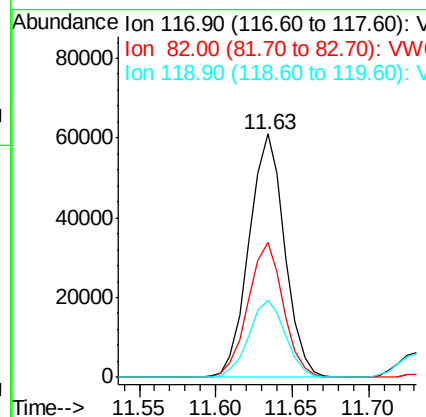
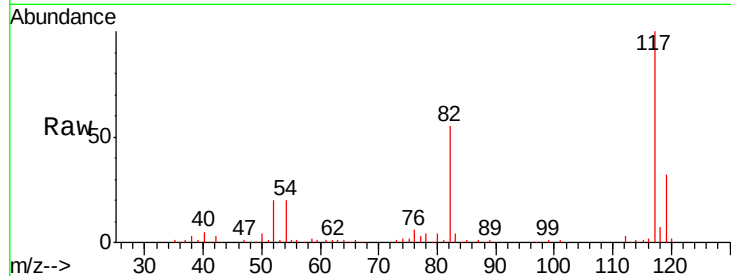
ClientSampleId :

VW1220SBSD01

Tgt Ion:	117	Resp:	98606
Ion Ratio	Lower	Upper	
117	100		
82	55.4	42.3	63.5
119	31.5	23.0	34.6

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#64

Tetrachloroethene

Concen: 21.340 ug/l

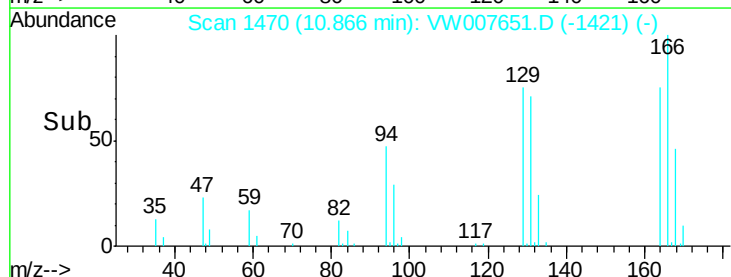
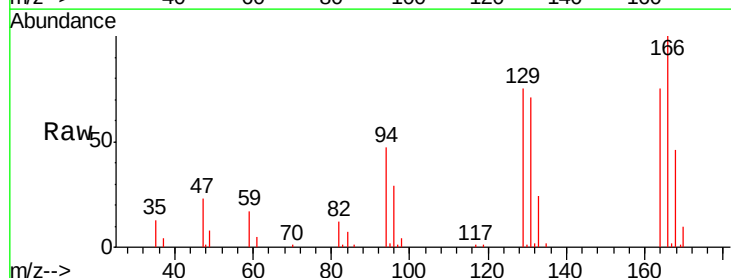
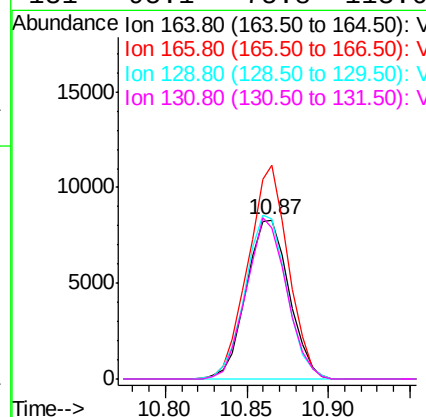
RT: 10.87 min Scan# 1470

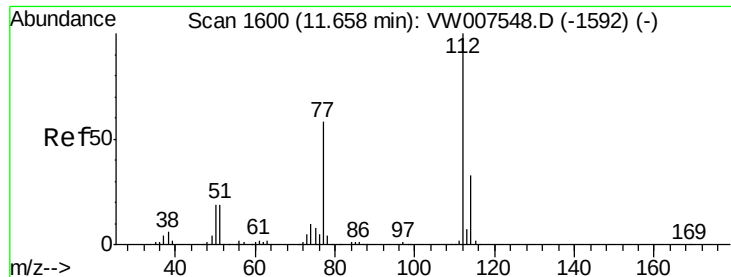
Delta R.T. -0.00 min

Lab File: VW007651.D

Acq: 18 Dec 2018 12:07

Tgt Ion:	164	Resp:	15132
Ion Ratio	Lower	Upper	
164	100		
166	134.1	107.9	161.9
129	100.1	73.4	110.2
131	95.1	75.8	113.6





#65

Chlorobenzene

Concen: 22.232 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VW007651.D

Acq: 18 Dec 2018 12:07

Instrument :

MSVOA_W

ClientSampleId :

VW1220SBSD01

Tgt Ion:112 Resp: 45693

Ion Ratio Lower Upper

112 100

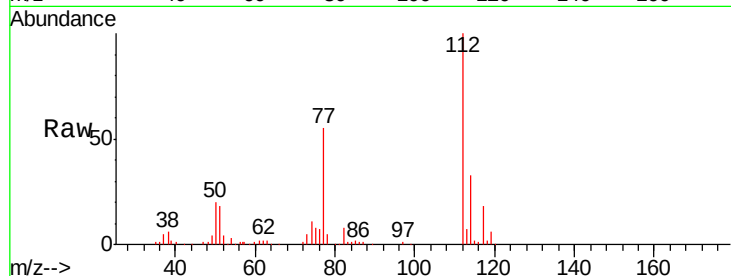
114 33.3 27.8 41.8

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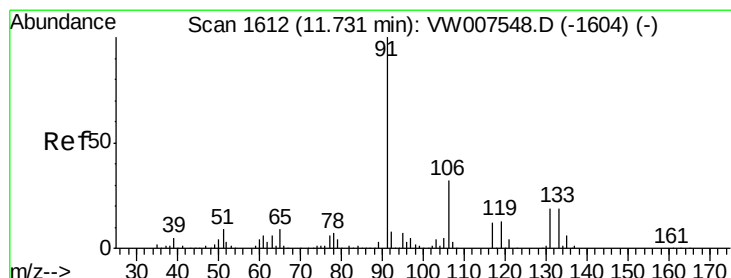
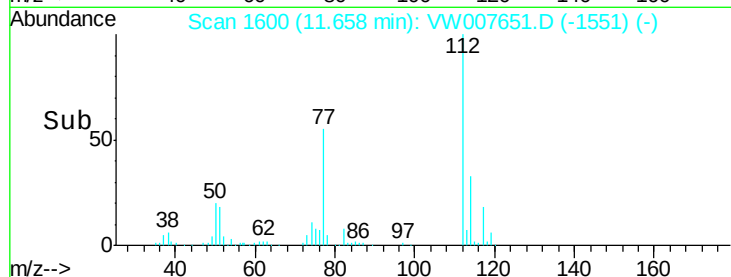
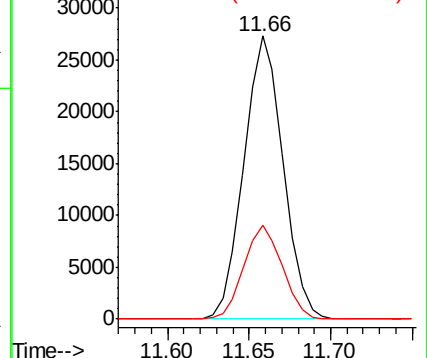
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 23.766 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW007651.D

Acq: 18 Dec 2018 12:07

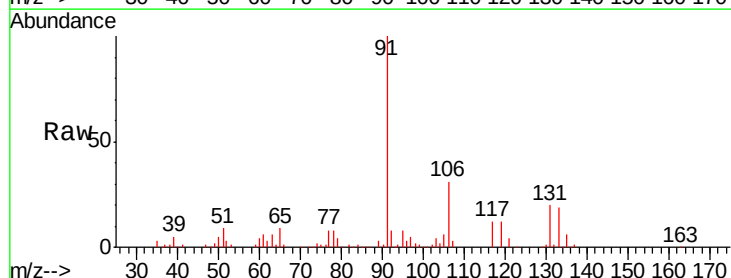
Tgt Ion:131 Resp: 17203

Ion Ratio Lower Upper

131 100

133 92.3 47.1 141.4

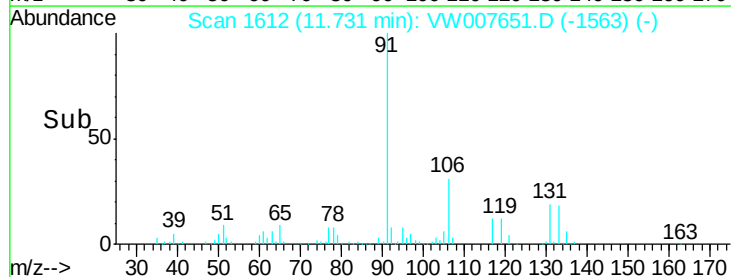
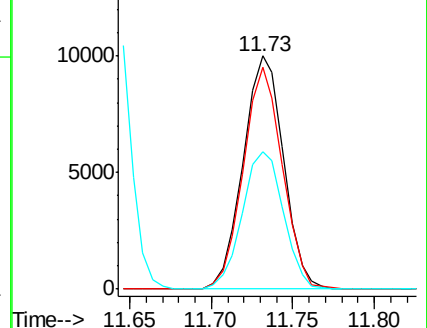
119 60.1 31.3 93.9

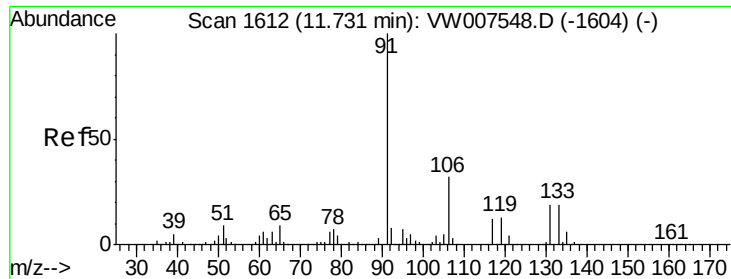


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





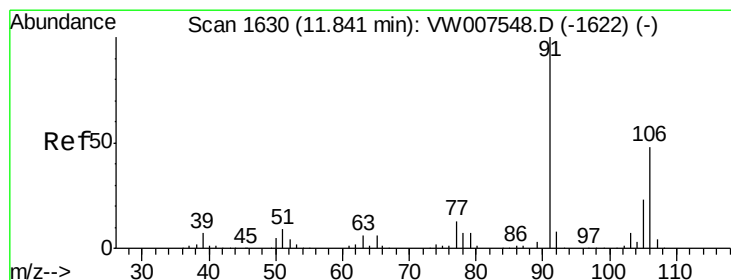
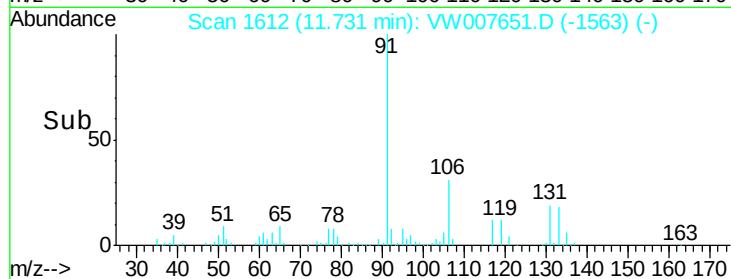
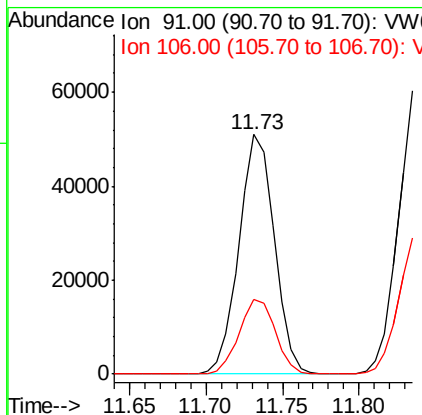
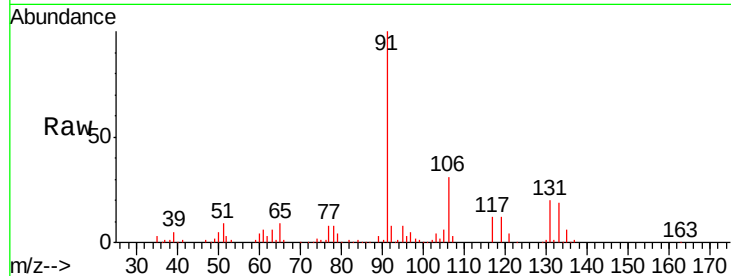
#67
Ethyl Benzene
Concen: 23.202 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007651.D
Acq: 18 Dec 2018 12:07

Instrument :
MSVOA_W
ClientSampleId :
VW1220SBS01

Tgt Ion: 91 Resp: 81987
Ion Ratio Lower Upper
91 100
106 31.0 21.8 32.8

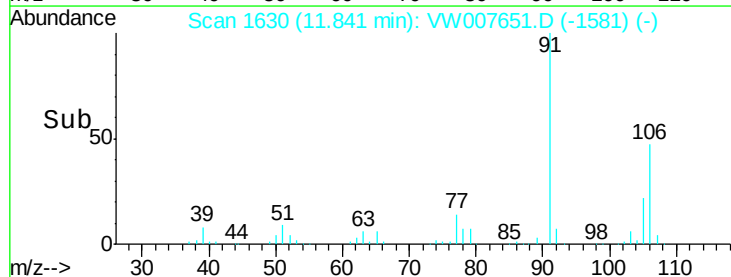
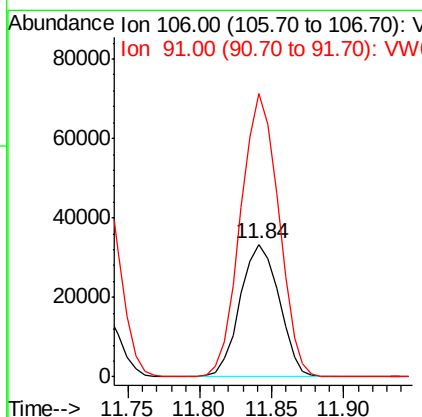
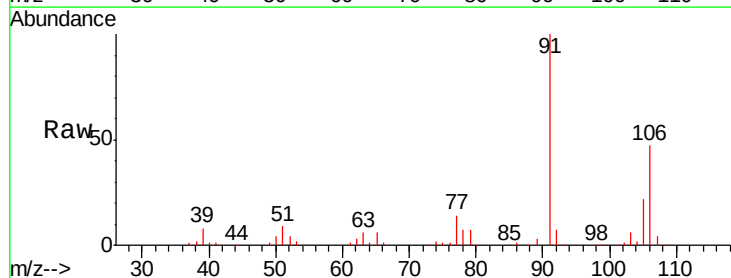
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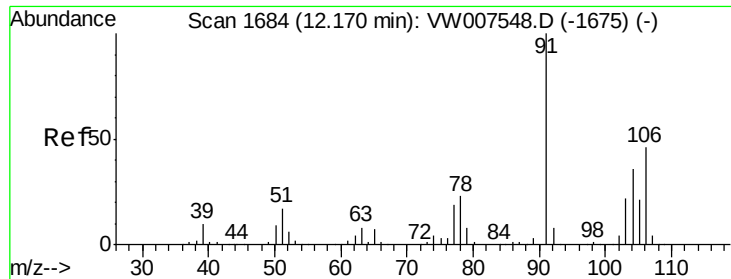
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#68
m/p-Xylenes
Concen: 45.732 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007651.D
Acq: 18 Dec 2018 12:07

Tgt Ion: 106 Resp: 62822
Ion Ratio Lower Upper
106 100
91 208.8 165.3 247.9





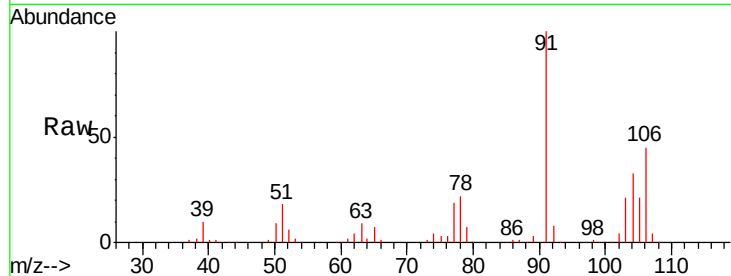
#69
o-Xylene
Concen: 22.766 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007651.D
Acq: 18 Dec 2018 12:07

Instrument :
MSVOA_W
ClientSampleId :
VW1220SBSD01

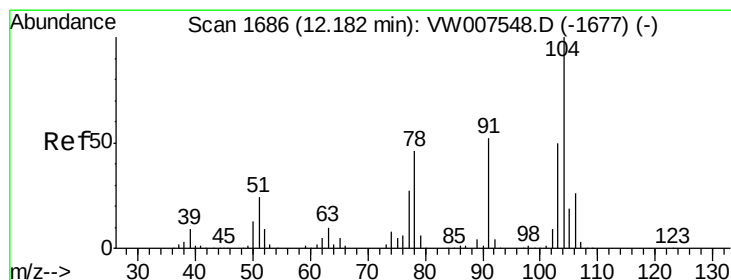
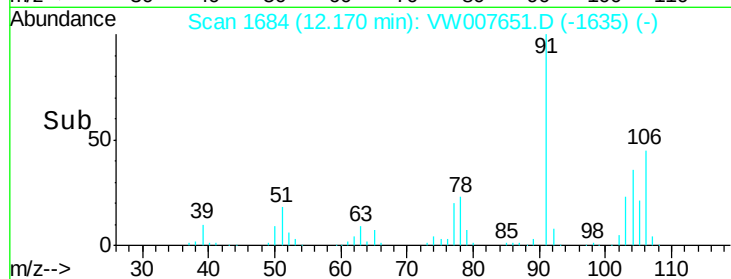
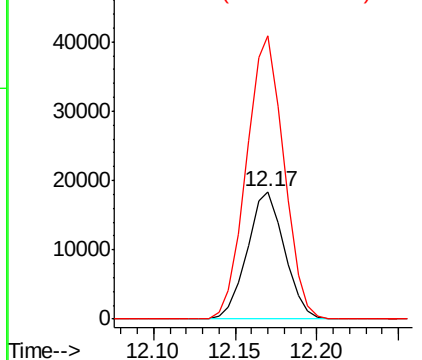
Tgt Ion:106 Resp: 29208
Ion Ratio Lower Upper
106 100
91 223.6 106.6 319.8

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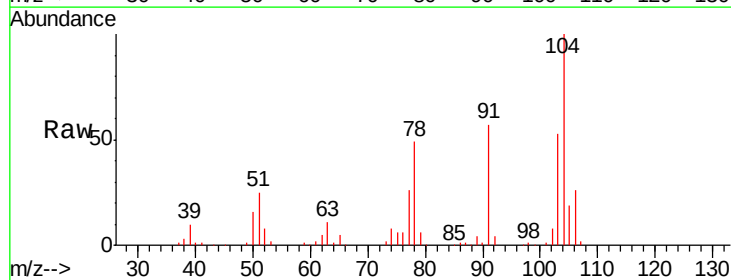


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VV

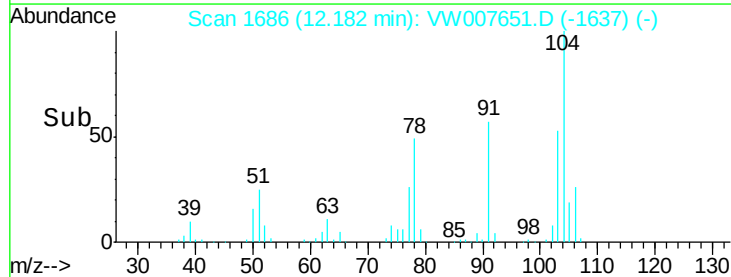
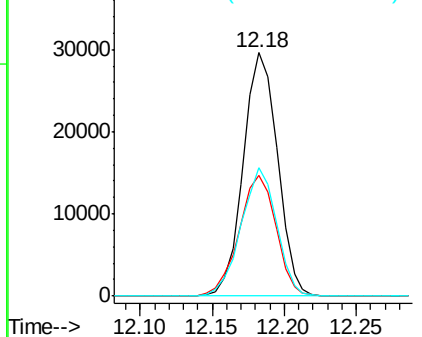


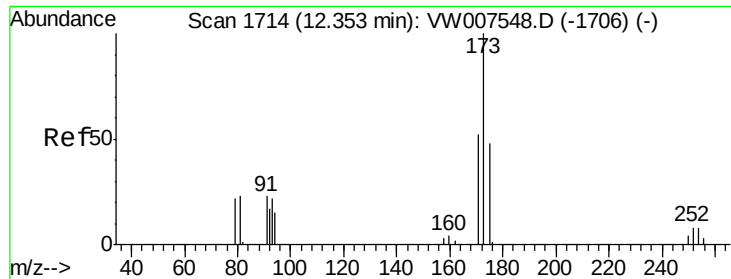
#70
Styrene
Concen: 23.566 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007651.D
Acq: 18 Dec 2018 12:07

Tgt Ion:104 Resp: 48833
Ion Ratio Lower Upper
104 100
78 53.5 41.8 62.8
103 54.6 46.6 69.8



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





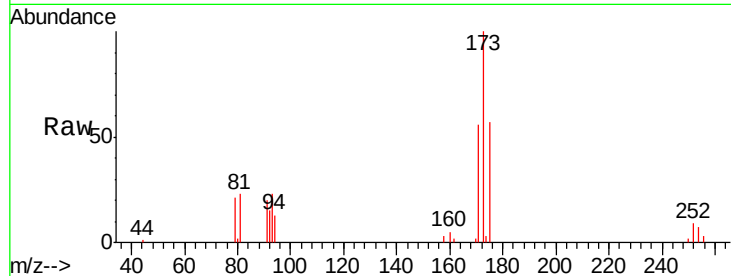
#71
Bromoform
Concen: 22.464 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.01 min
Lab File: VW007651.D
Acq: 18 Dec 2018 12:07

Instrument :
MSVOA_W
ClientSampleId :
VW1220SBSD01

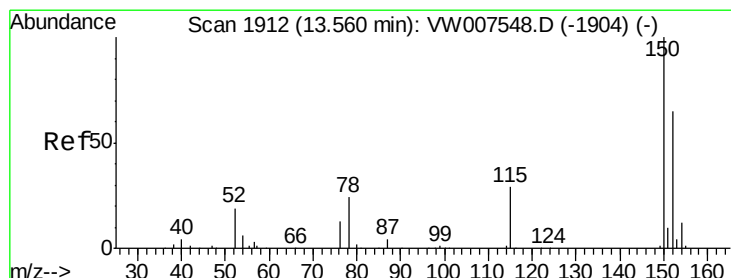
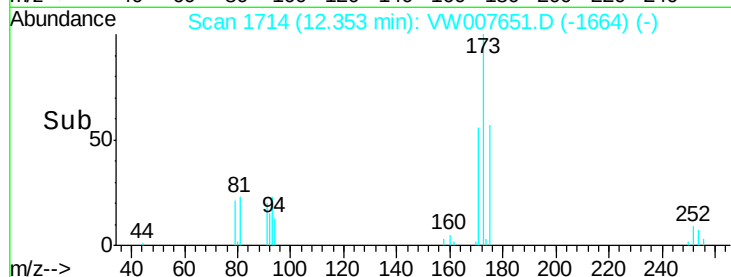
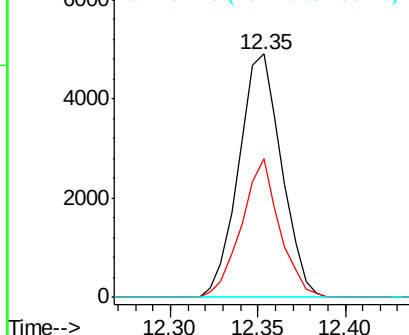
Tgt Ion	Ratio	Lower	Upper
173	100		
175	50.8	23.6	70.8
254	0.0	0.0	0.0

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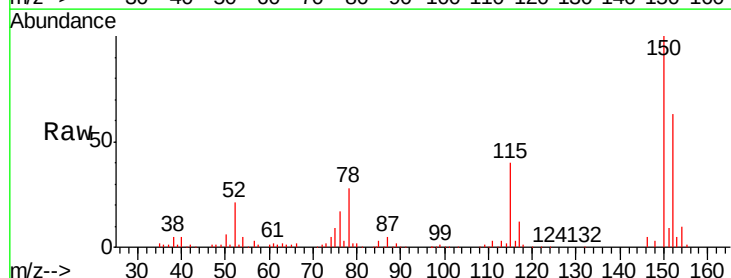


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

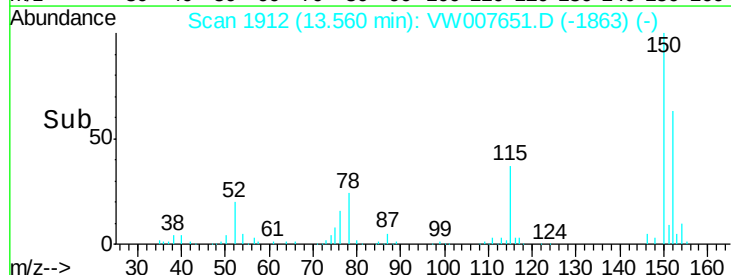
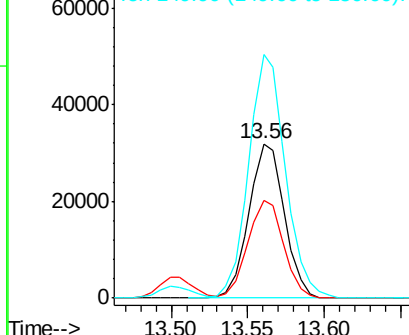


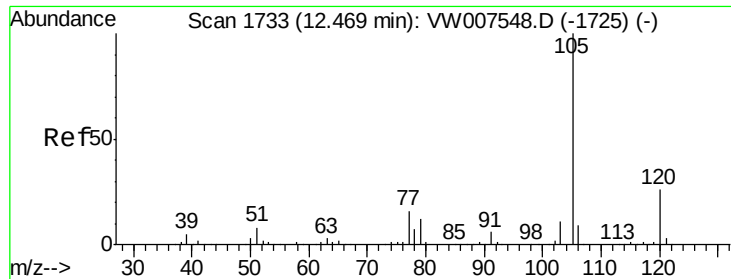
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007651.D
Acq: 18 Dec 2018 12:07

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.6	31.4	94.2
150	163.0	0.0	358.4



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





#73

Isopropylbenzene

Concen: 21.641 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW007651.D

Acq: 18 Dec 2018 12:07

Instrument :

MSVOA_W

ClientSampleId :

VW1220SBS01

Tgt Ion: 105 Resp: 85231

Ion Ratio Lower Upper

105 100

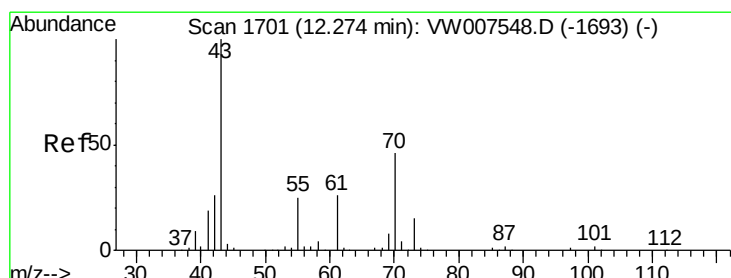
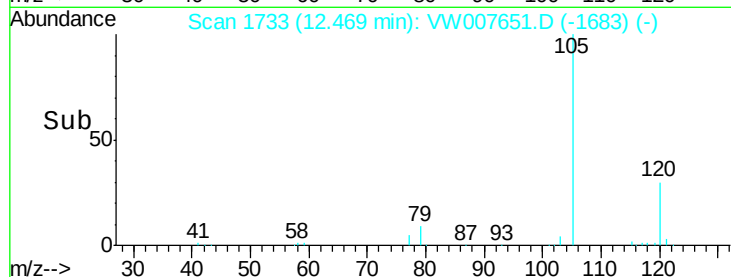
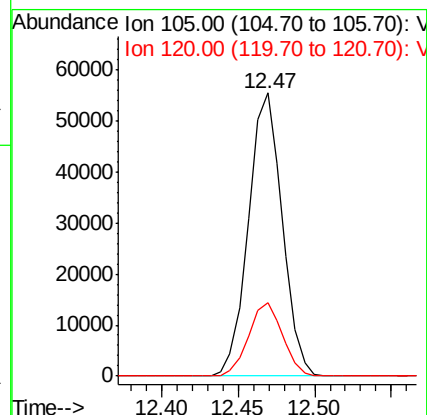
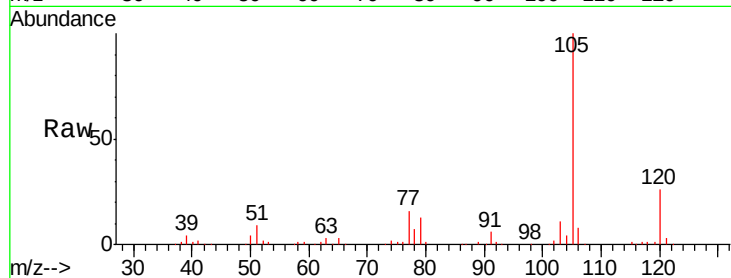
120 26.0 12.8 38.4

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#74

N-ethyl acetate

Concen: 20.039 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW007651.D

Acq: 18 Dec 2018 12:07

Tgt Ion: 43 Resp: 14343

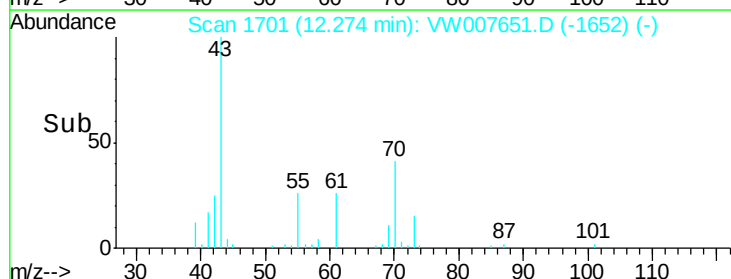
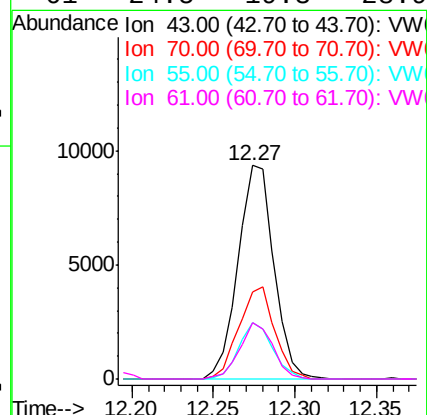
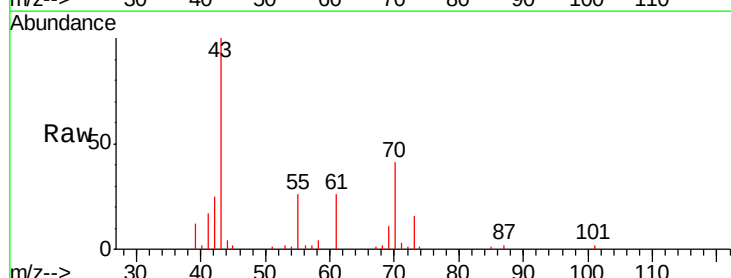
Ion Ratio Lower Upper

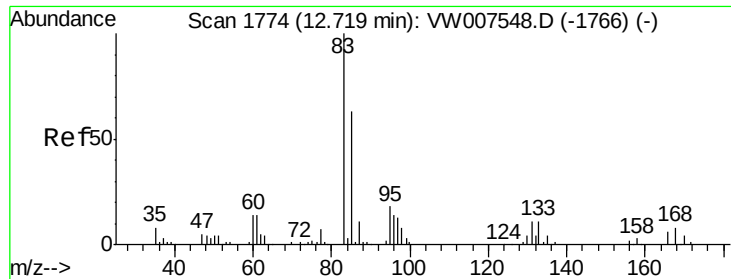
43 100

70 42.9 36.5 54.7

55 25.0 20.1 30.1

61 24.5 19.3 28.9





#75

1,1,2,2-Tetrachloroethane

Concen: 21.435 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW007651.D

Acq: 18 Dec 2018 12:07

Instrument :

MSVOA_W

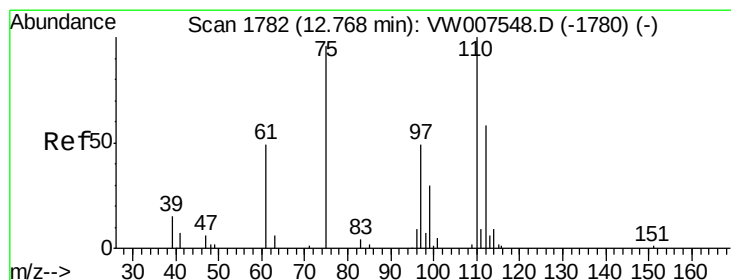
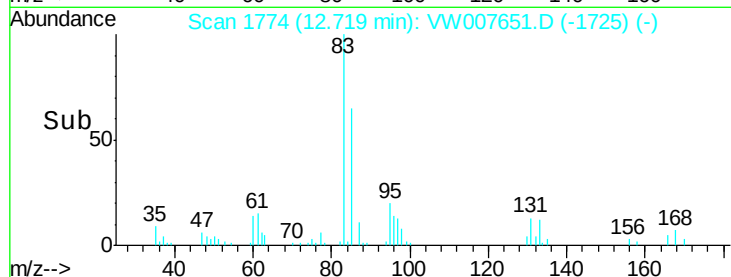
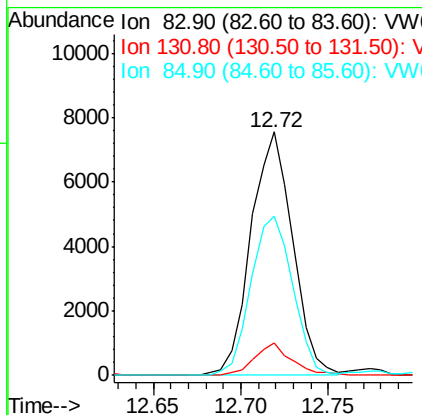
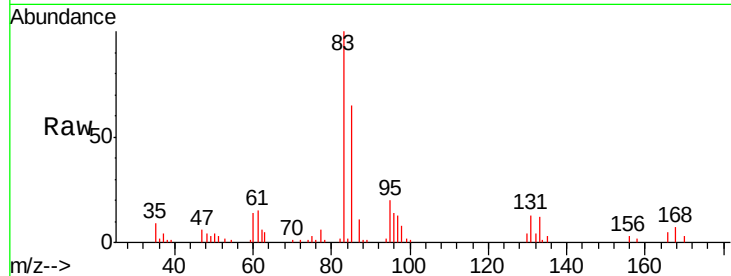
ClientSampleId :

VW1220SBS01

Tgt Ion:	83	Resp:	12503
Ion Ratio	Lower	Upper	
83	100		
131	11.9	5.9	17.8
85	65.6	30.0	90.0

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#76

1,2,3-Trichloropropane

Concen: 23.873 ug/l m

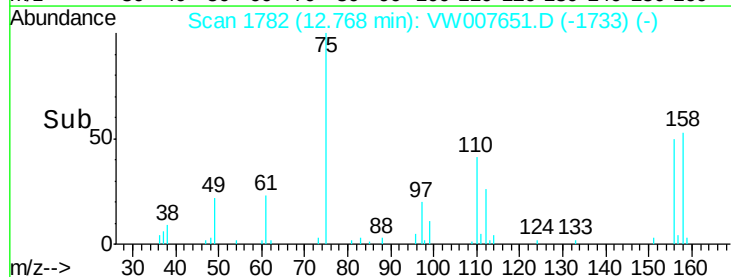
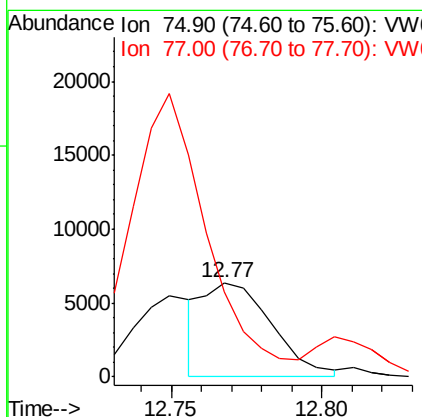
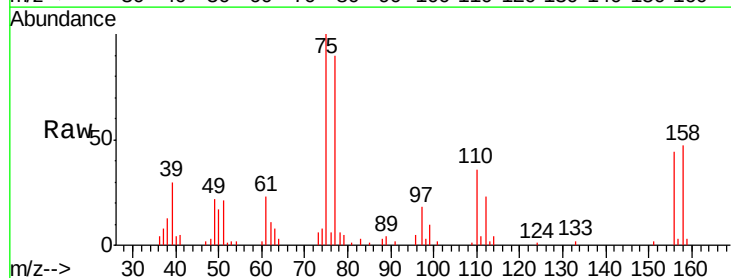
RT: 12.77 min Scan# 1782

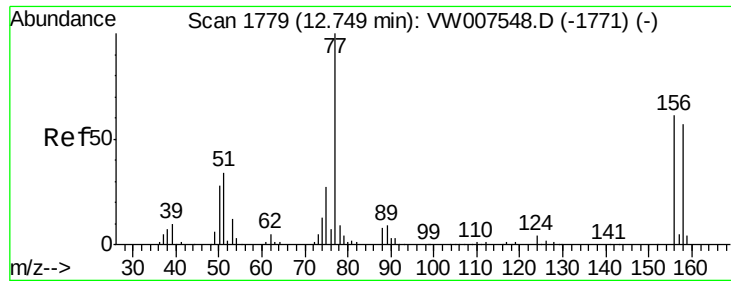
Delta R.T. -0.00 min

Lab File: VW007651.D

Acq: 18 Dec 2018 12:07

Tgt Ion:	75	Resp:	10117
Ion Ratio	Lower	Upper	
75	100		
77	338.9	166.9	500.8





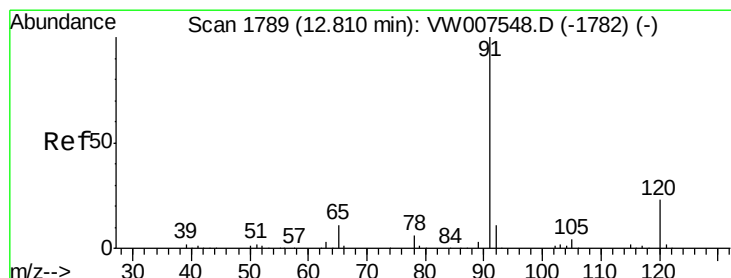
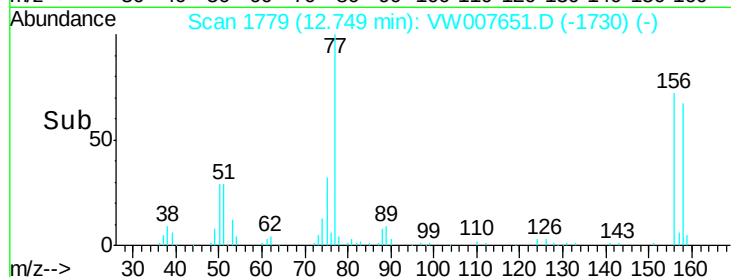
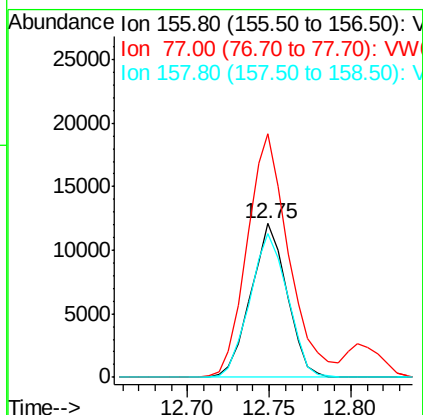
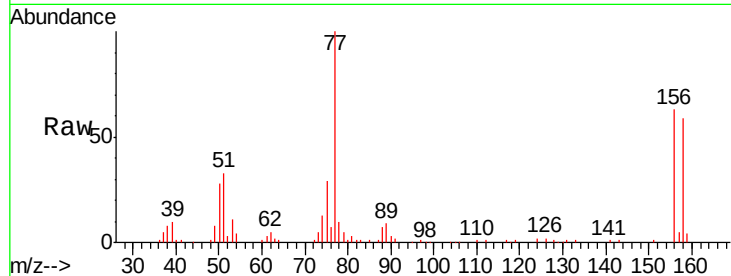
#77
Bromobenzene
Concen: 21.431 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. -0.00 min
Lab File: VW007651.D
Acq: 18 Dec 2018 12:07

Instrument :
MSVOA_W
ClientSampleId :
VW1220SBS01

Tgt Ion	Ratio	Lower	Upper
156	100		
77	183.3	88.1	264.4
158	97.5	45.6	136.7

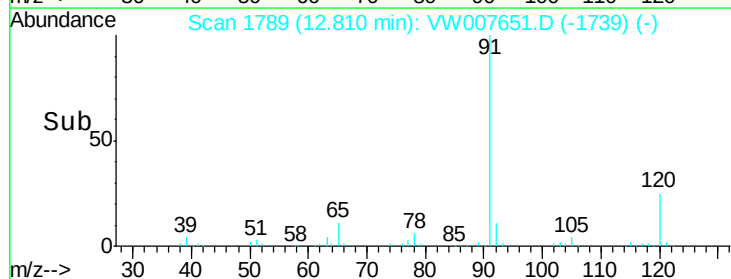
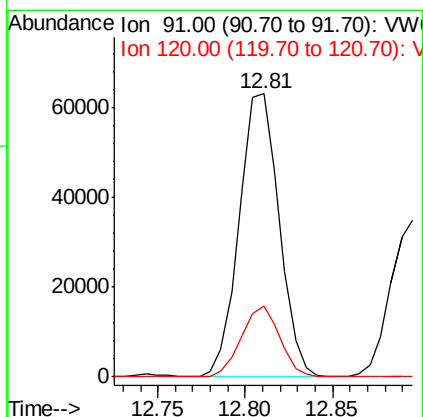
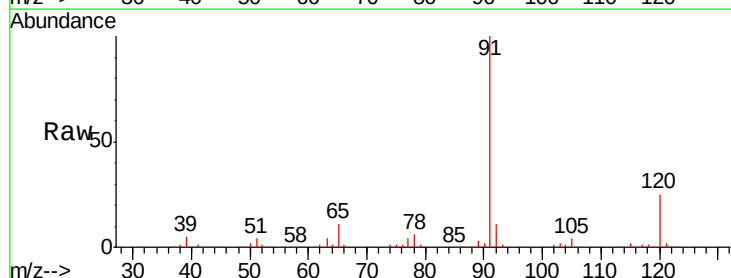
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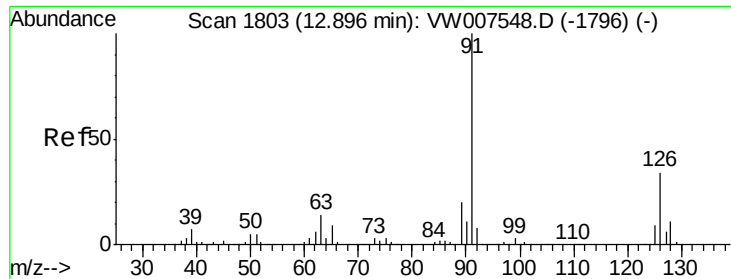
apatel
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#78
n-propylbenzene
Concen: 22.517 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. 0.01 min
Lab File: VW007651.D
Acq: 18 Dec 2018 12:07

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.0	11.9	35.5





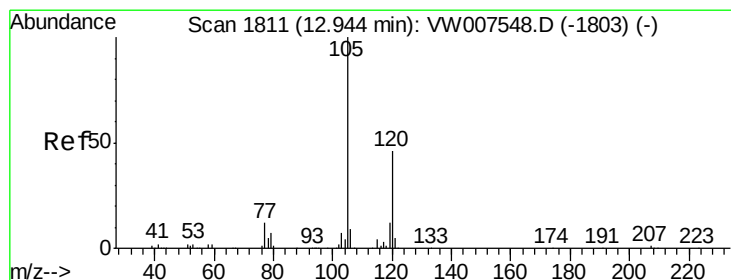
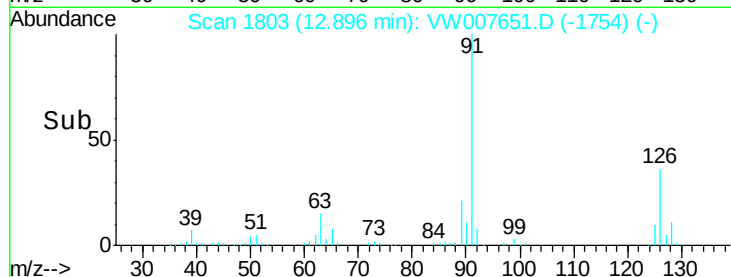
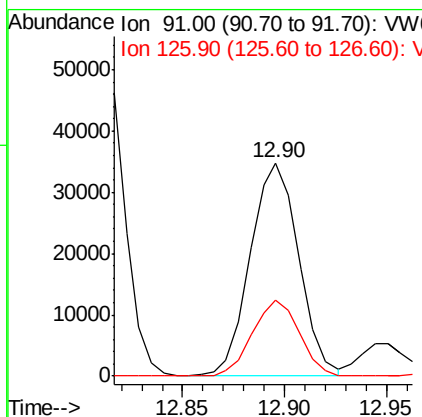
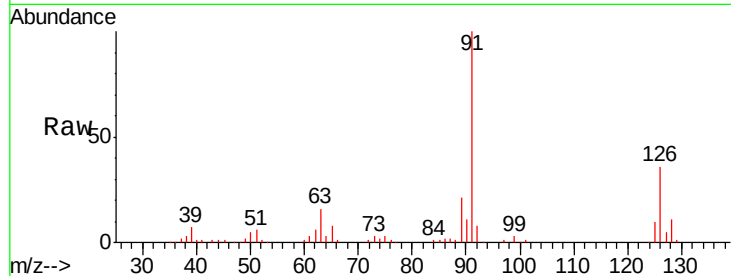
#79
 2-Chlorotoluene
 Concen: 21.384 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW007651.D
 Acq: 18 Dec 2018 12:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1220SBS01

Tgt Ion: 91 Resp: 57347
 Ion Ratio Lower Upper
 91 100
 126 34.5 15.9 47.6

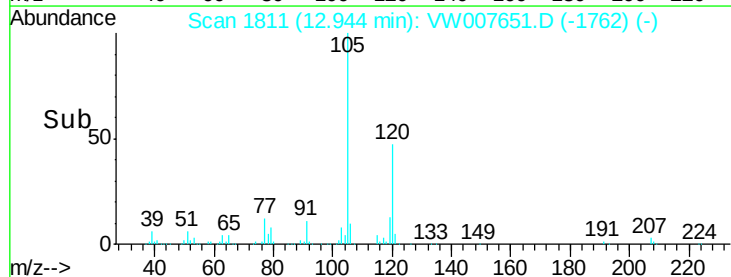
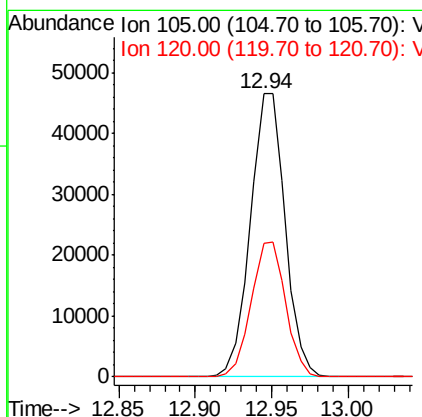
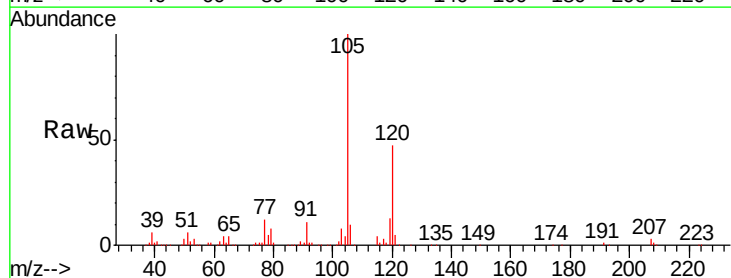
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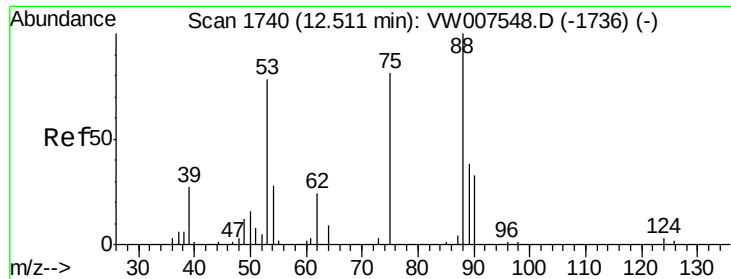
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#80
 1,3,5-Trimethylbenzene
 Concen: 22.242 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW007651.D
 Acq: 18 Dec 2018 12:07

Tgt Ion: 105 Resp: 73602
 Ion Ratio Lower Upper
 105 100
 120 47.2 23.8 71.4





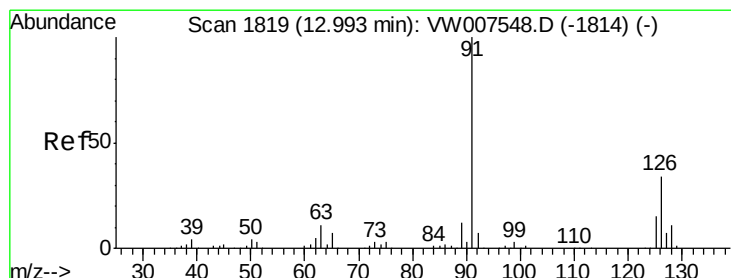
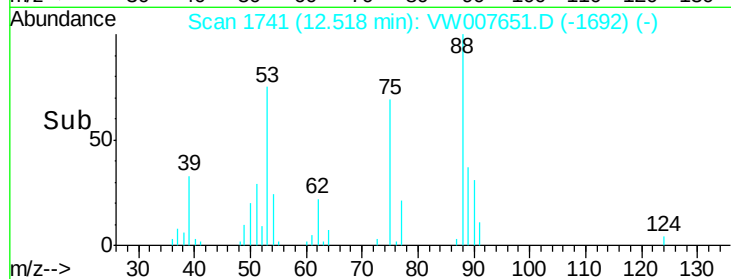
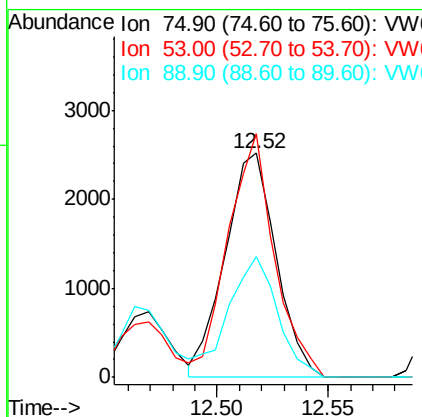
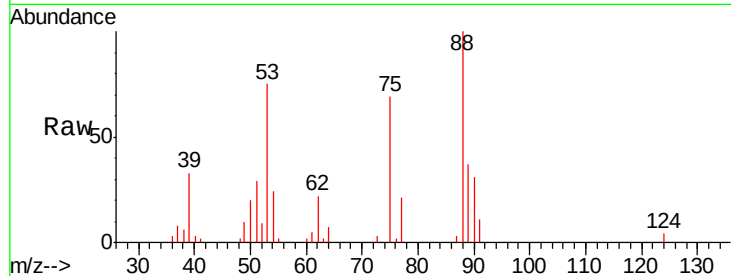
#81
trans-1,4-Dichloro-2-butene
Concen: 20.928 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW007651.D
Acq: 18 Dec 2018 12:07

Instrument :
MSVOA_W
ClientSampleId :
VW1220SBSD01

Tgt Ion	Ratio	Lower	Upper
75	100		
53	99.0	84.9	127.3
89	52.2	40.3	60.5

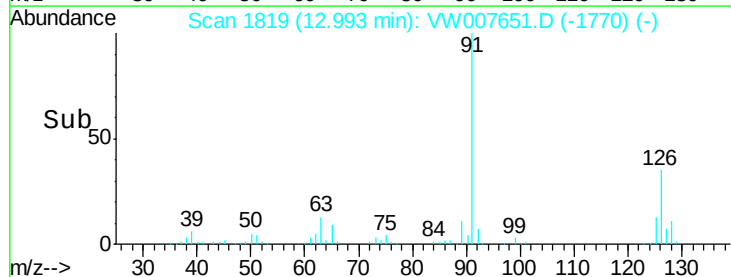
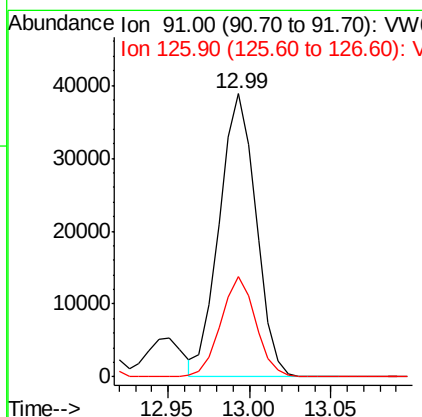
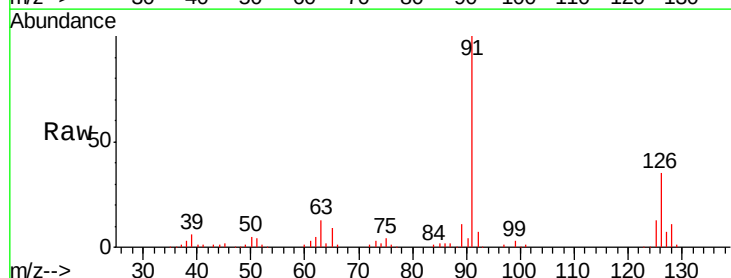
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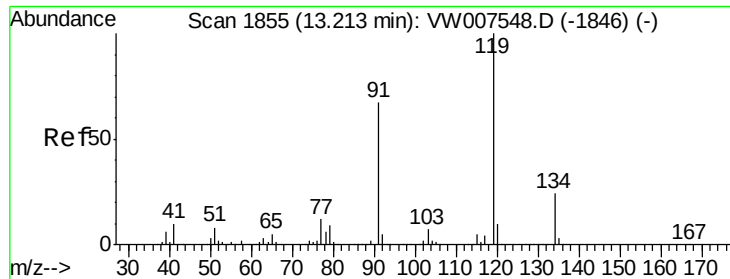
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#82
4-Chlorotoluene
Concen: 21.559 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW007651.D
Acq: 18 Dec 2018 12:07

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.9	16.0	48.0





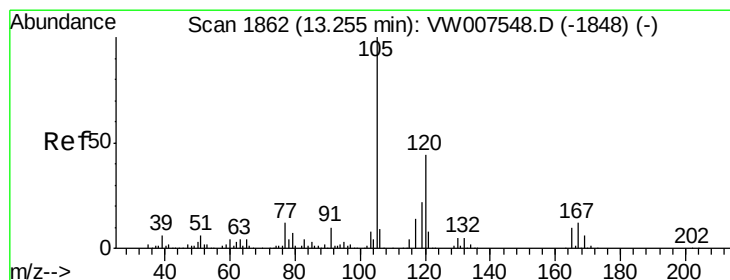
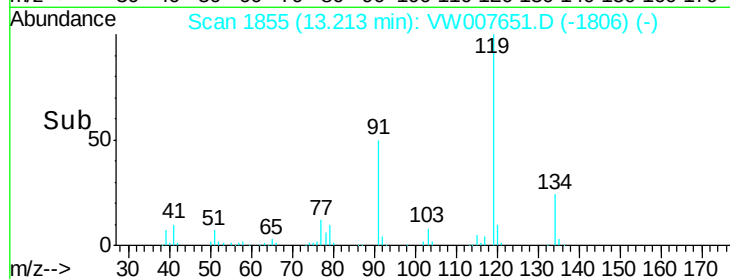
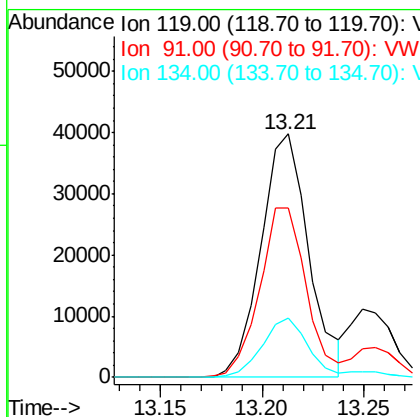
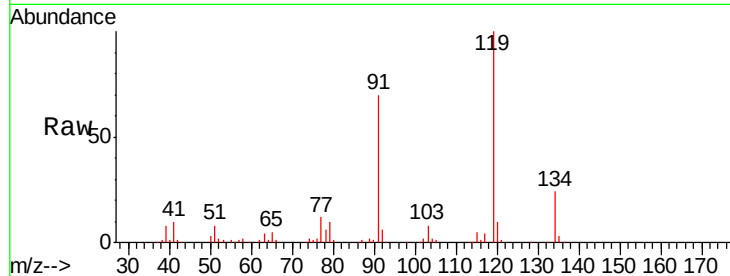
#83
 tert-Butylbenzene
 Concen: 22.242 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW007651.D
 Acq: 18 Dec 2018 12:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1220SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	64855		
91	67.9	33.1	99.2	
134	23.8	12.5	37.5	

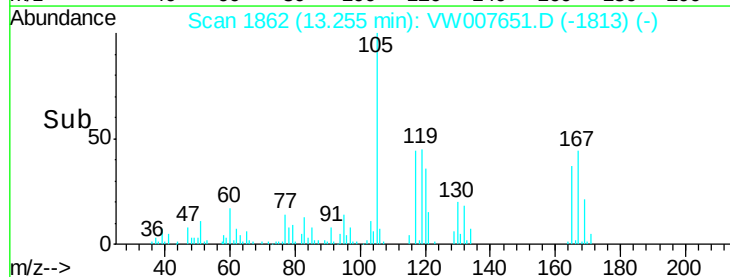
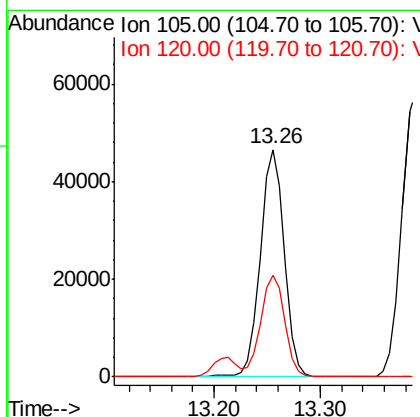
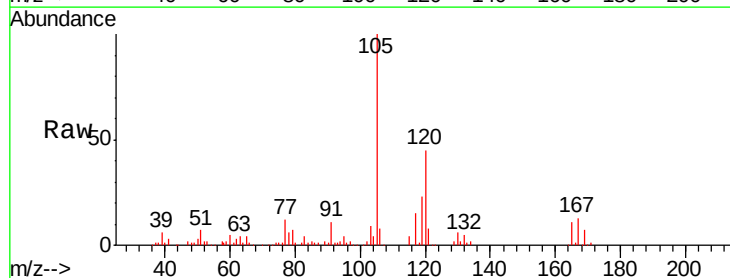
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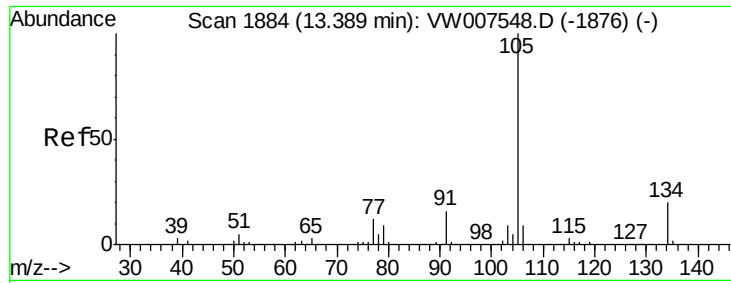
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#84
 1,2,4-Trimethylbenzene
 Concen: 21.583 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW007651.D
 Acq: 18 Dec 2018 12:07

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	73497		
120	44.7	22.6	67.7	





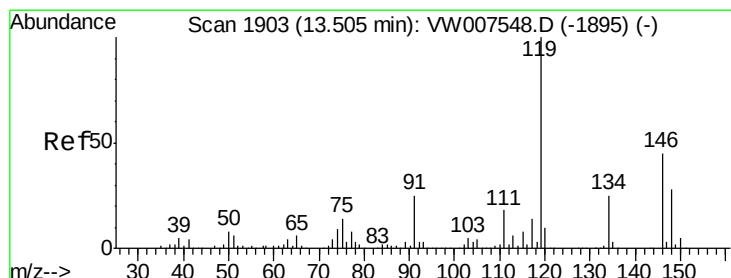
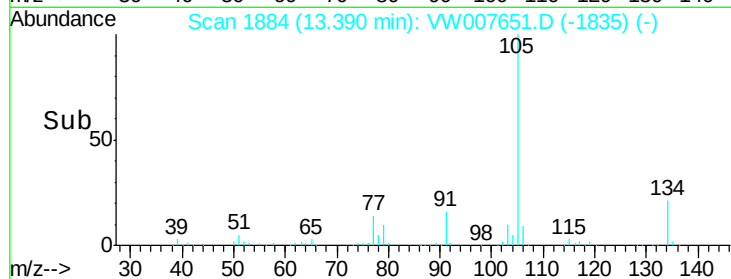
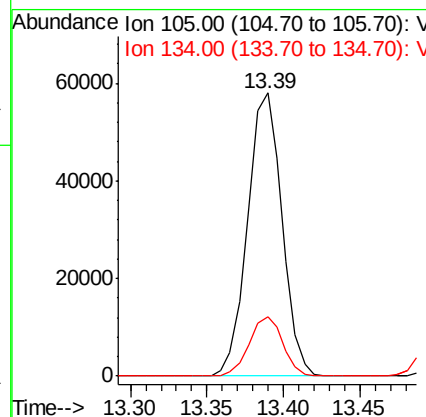
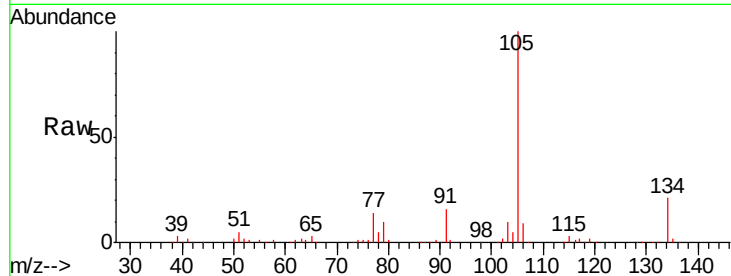
#85
 sec-Butylbenzene
 Concen: 22.769 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW007651.D
 Acq: 18 Dec 2018 12:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1220SBS01

Tgt Ion:105 Resp: 90632
 Ion Ratio Lower Upper
 105 100
 134 20.4 11.1 33.3

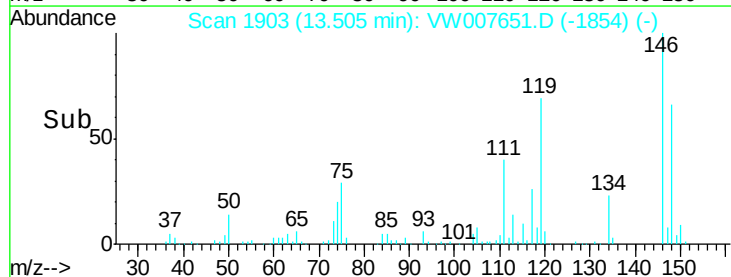
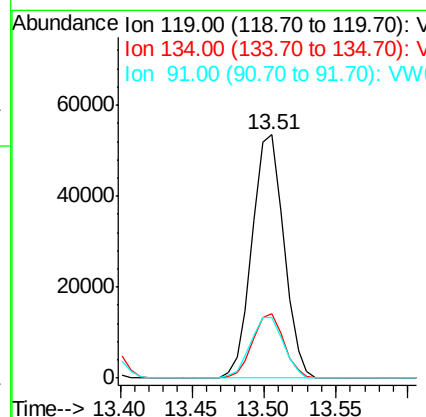
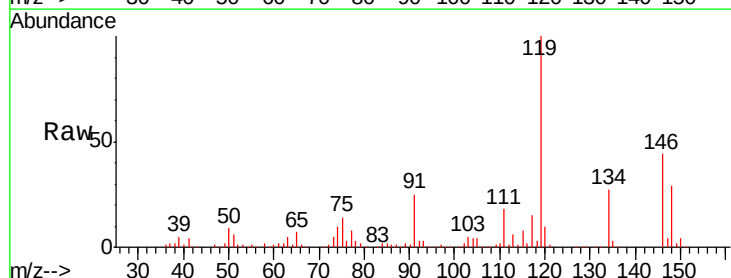
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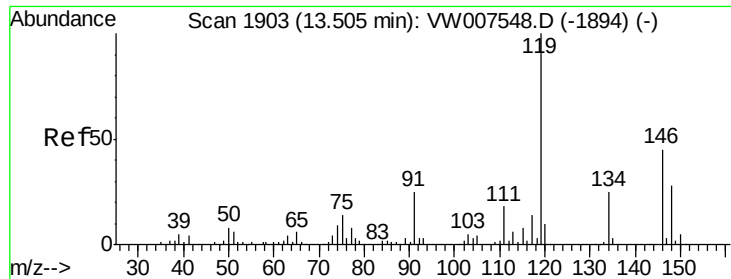
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#86
 p-Isopropyltoluene
 Concen: 22.805 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007651.D
 Acq: 18 Dec 2018 12:07

Tgt Ion:119 Resp: 81550
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.9 38.7
 91 26.0 11.9 35.9





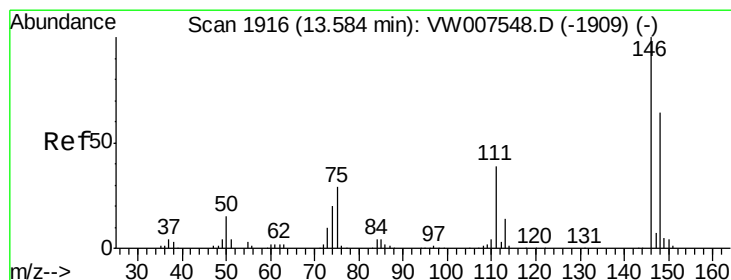
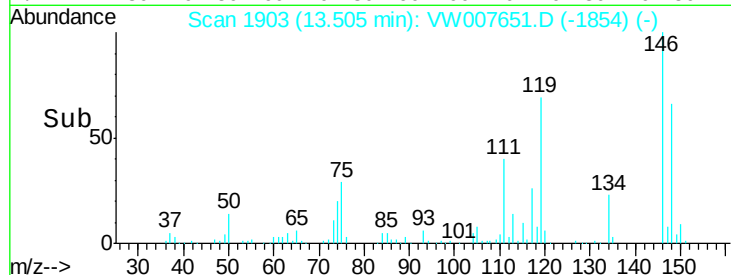
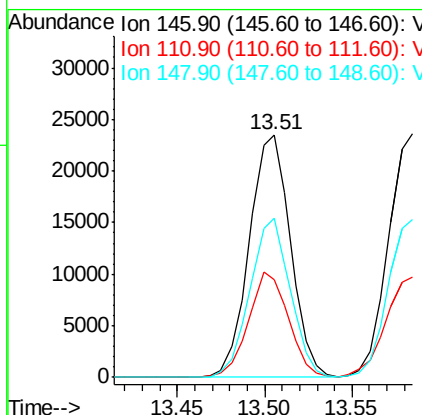
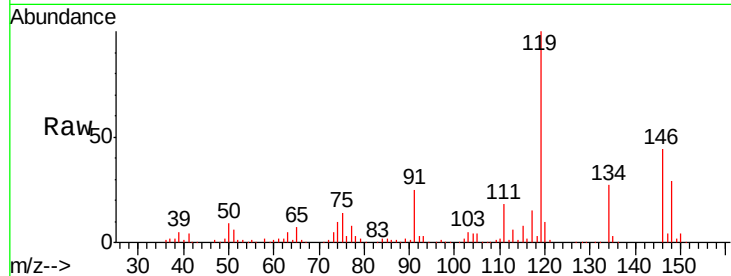
#87
 1,3-Dichlorobenzene
 Concen: 22.067 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007651.D
 Acq: 18 Dec 2018 12:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1220SBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.1	20.1	60.3
148	64.2	31.4	94.0

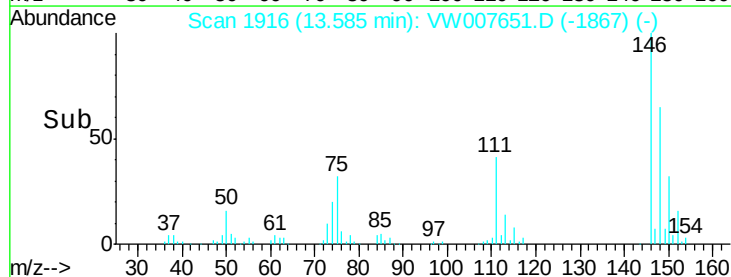
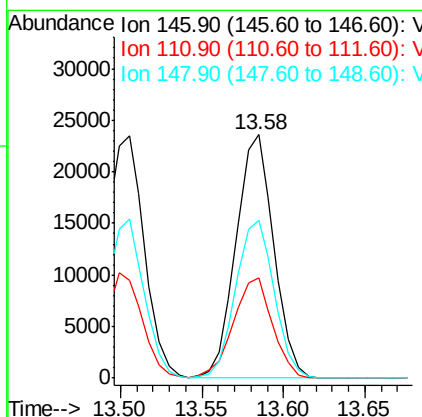
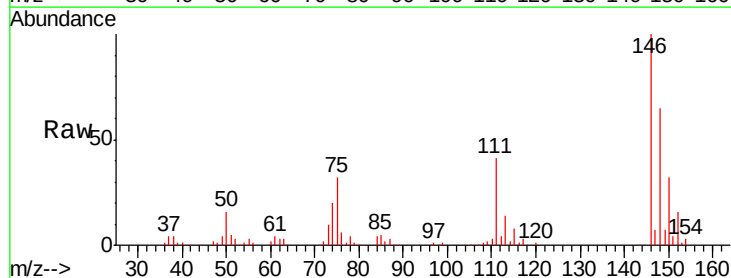
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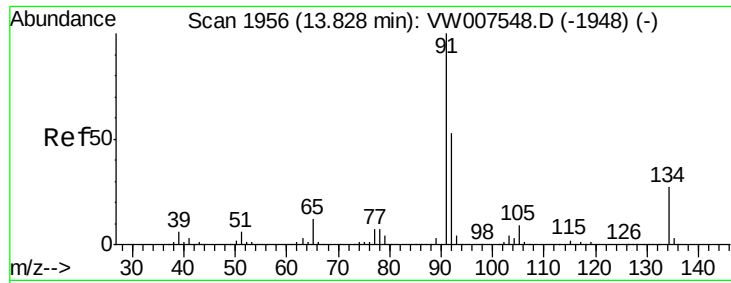
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#88
 1,4-Dichlorobenzene
 Concen: 21.756 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW007651.D
 Acq: 18 Dec 2018 12:07

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.8	20.3	61.0
148	66.1	33.5	100.5





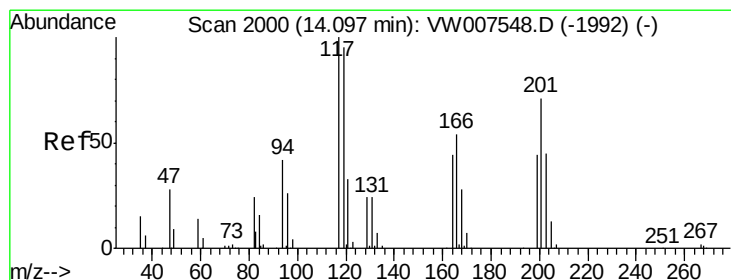
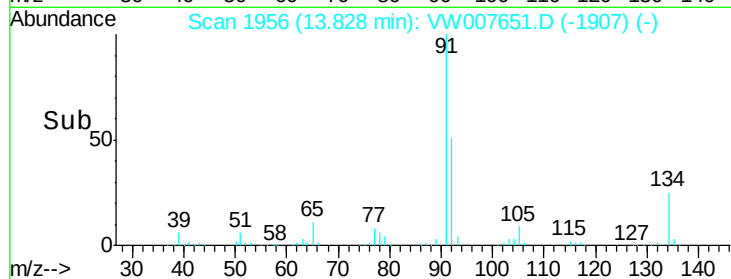
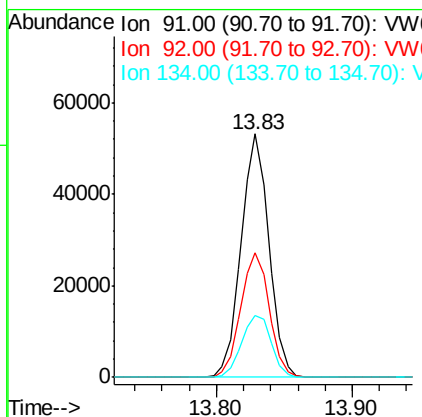
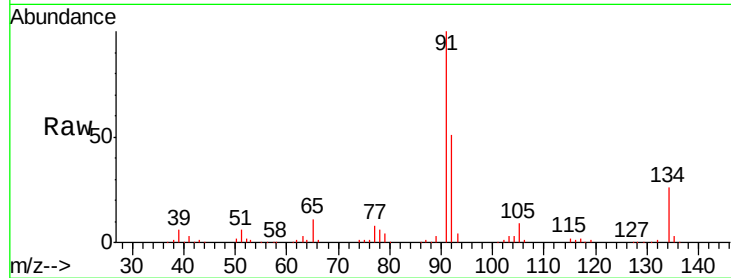
#89
n-Butylbenzene
Concen: 22.938 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW007651.D
Acq: 18 Dec 2018 12:07

Instrument :
MSVOA_W
ClientSampleId :
VW1220SBS01

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.5	25.7	77.1
134	27.0	13.4	40.2

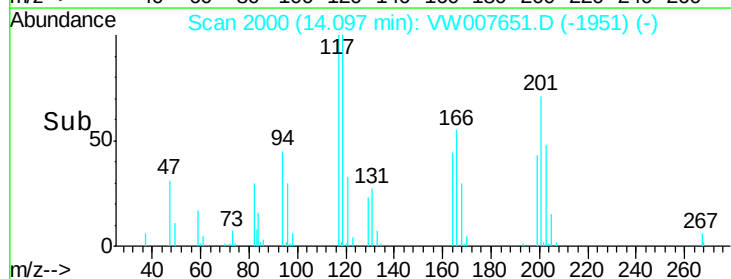
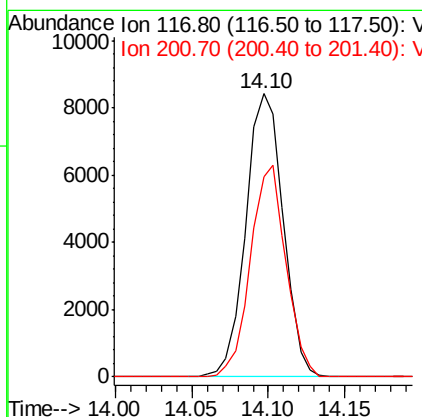
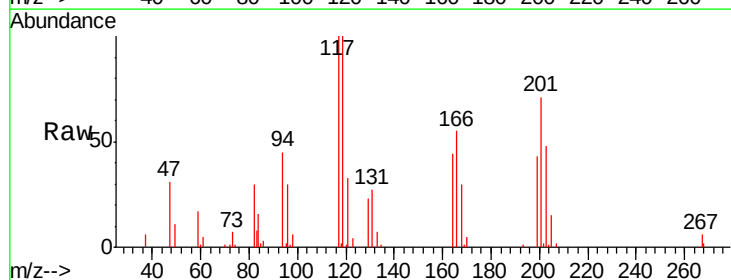
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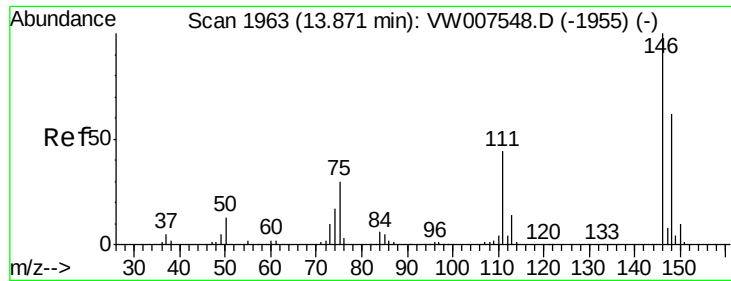
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#90
Hexachloroethane
Concen: 22.425 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW007651.D
Acq: 18 Dec 2018 12:07

Tgt Ion	Ratio	Lower	Upper
117	100		
201	71.3	35.3	105.9





#91

1,2-Dichlorobenzene

Concen: 22.118 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. -0.00 min

Lab File: VW007651.D

Acq: 18 Dec 2018 12:07

Instrument :

MSVOA_W

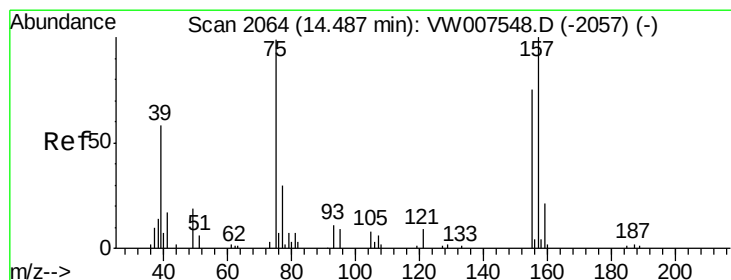
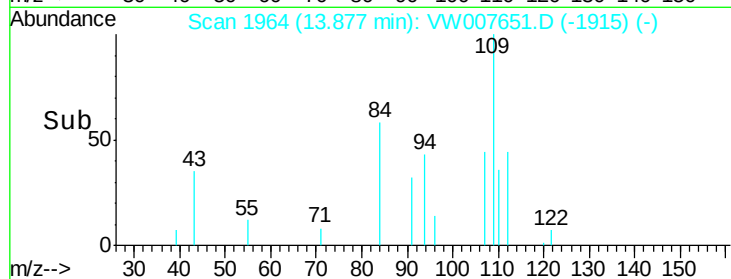
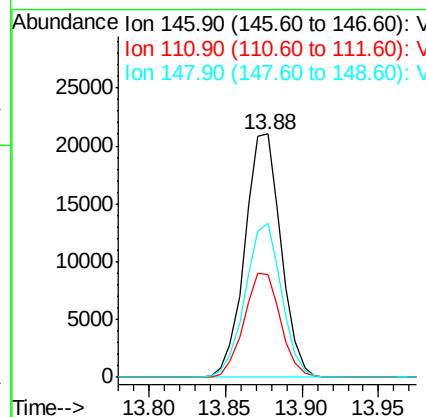
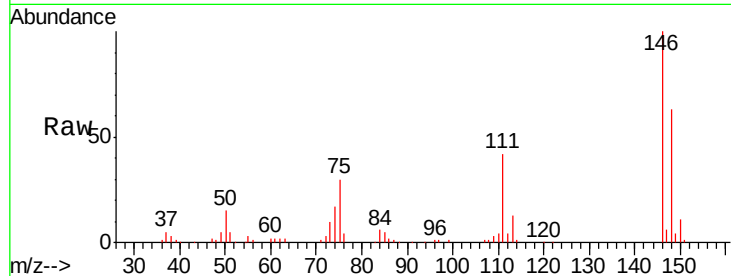
ClientSampleId :

VW1220SBS01

Tgt Ion:	146	Resp:	34480
Ion Ratio	Lower	Upper	
146	100		
111	43.2	22.4	67.2
148	63.6	32.4	97.2

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#92

1,2-Dibromo-3-Chloropropane

Concen: 21.314 ug/l

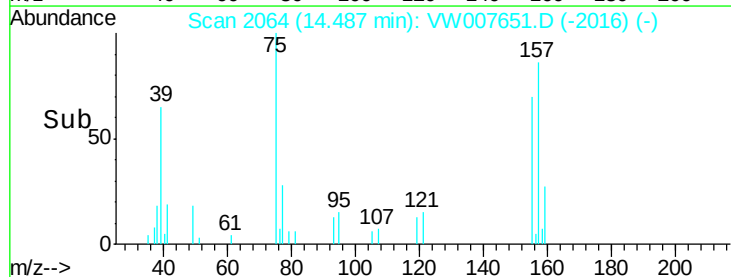
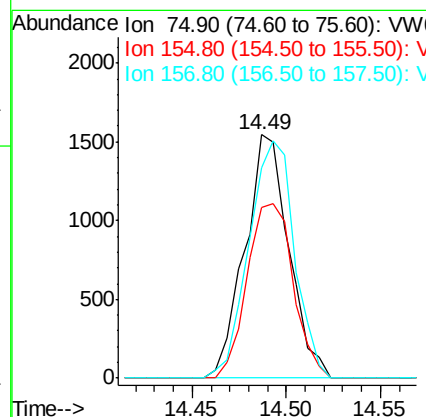
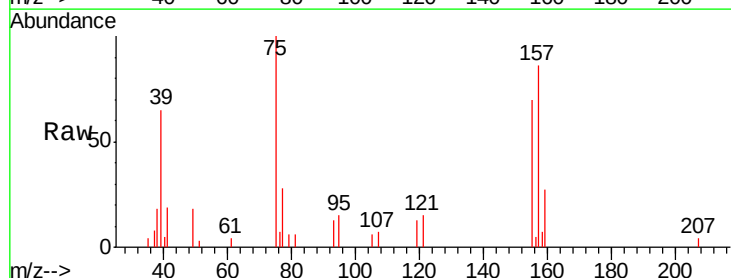
RT: 14.49 min Scan# 2064

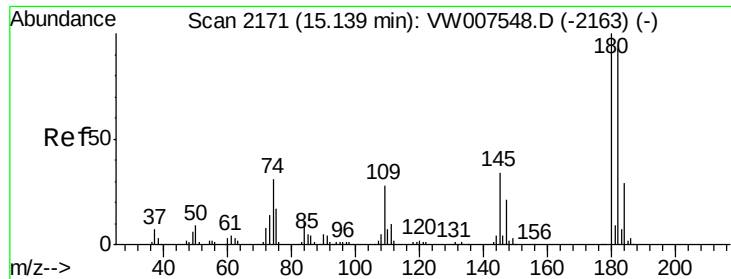
Delta R.T. -0.01 min

Lab File: VW007651.D

Acq: 18 Dec 2018 12:07

Tgt Ion:	75	Resp:	2495
Ion Ratio	Lower	Upper	
75	100		
155	75.1	40.8	122.2
157	101.2	51.1	153.4





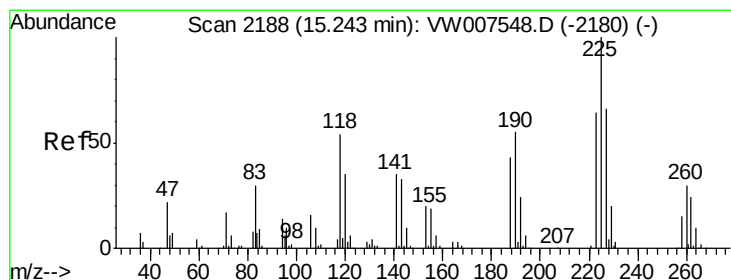
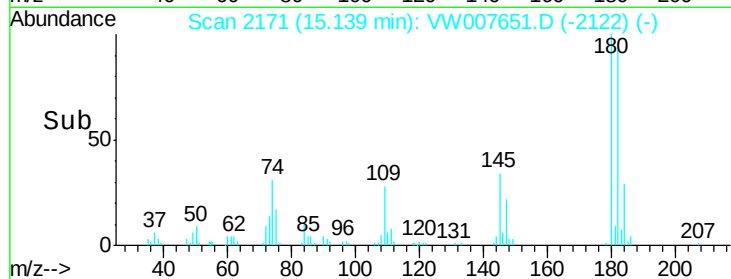
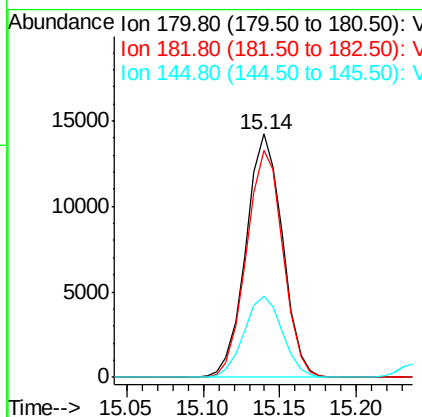
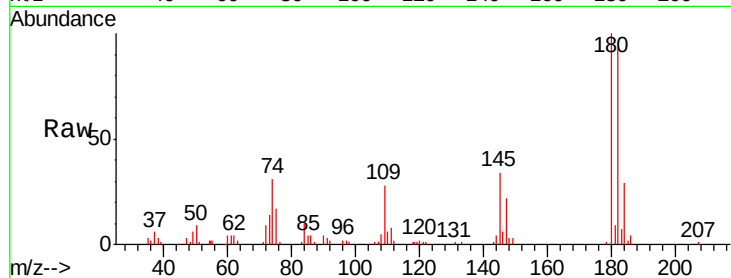
#93
 1,2,4-Trichlorobenzene
 Concen: 22.049 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW007651.D
 Acq: 18 Dec 2018 12:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1220SBS01

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	93.0	49.9	149.6
145	34.9	17.8	53.4

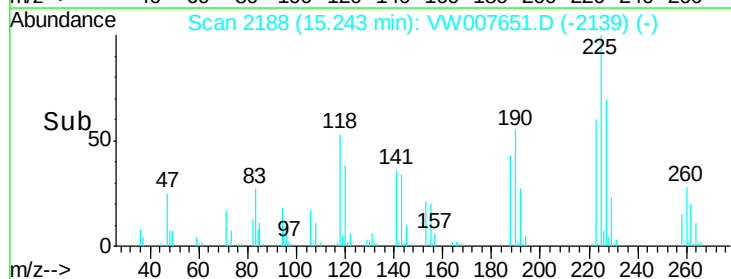
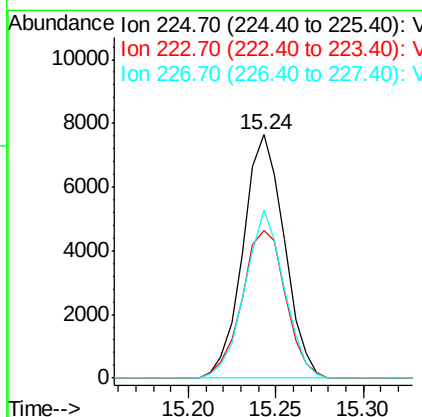
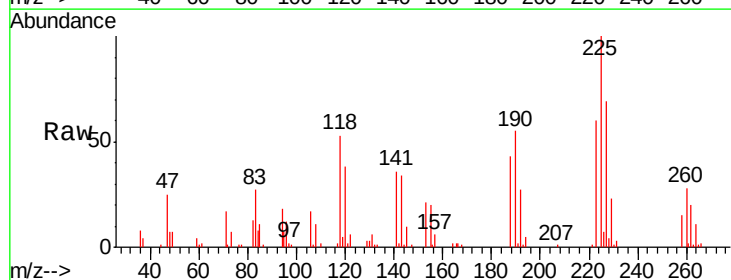
Manual Integrations
 APPROVED

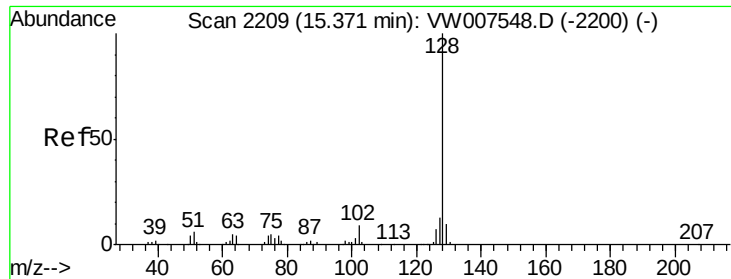
apatel
 12/19/2018 12:15:07 PM



#94
 Hexachlorobutadiene
 Concen: 22.047 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW007651.D
 Acq: 18 Dec 2018 12:07

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	64.1	32.1	96.3
227	65.7	31.9	95.9





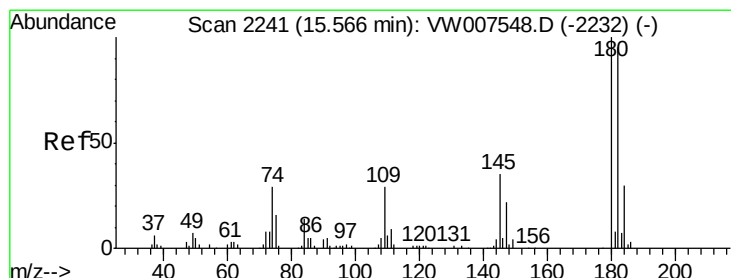
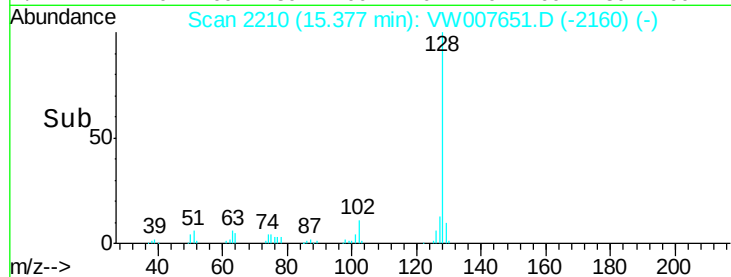
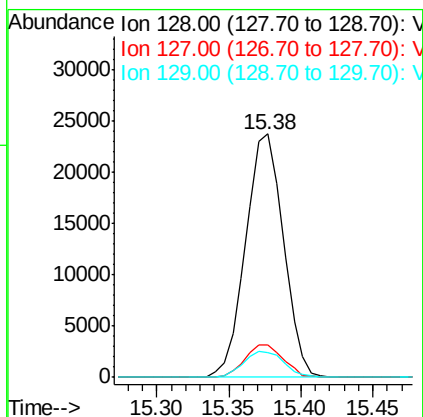
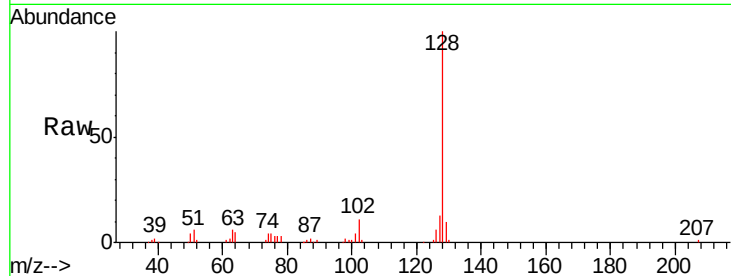
#95
Naphthalene
Concen: 21.026 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.01 min
Lab File: VW007651.D
Acq: 18 Dec 2018 12:07

Instrument :
MSVOA_W
ClientSampleId :
VW1220SBSD01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.2	15.4
129	11.3	8.3	12.5

Manual Integrations
APPROVED

apatel
12/19/2018 12:15:07 PM



#96
1,2,3-Trichlorobenzene
Concen: 22.001 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW007651.D
Acq: 18 Dec 2018 12:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	89.0	45.6	136.7
145	36.2	17.5	52.5

