

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV122118\
 Data File : VW007708.D
 Acq On : 19 Dec 2018 19:10
 Operator : SY/AP
 Sample : VW1221SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1221SBSD01

Manual Integrations
 APPROVED

apatel
 12/20/2018 11:19:58 AM

Quant Time: Dec 20 07:40:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	75740	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	121453	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	111210	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	57553	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	43365	52.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.48%	
35) Dibromofluoromethane	7.88	113	38630	52.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.28%	
50) Toluene-d8	10.32	98	145627	52.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.28%	
62) 4-Bromofluorobenzene	12.62	95	56403	52.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	11656	17.311	ug/l	97
3) Chloromethane	2.21	50	8540	20.655	ug/l	98
4) Vinyl Chloride	2.37	62	10410	19.779	ug/l	94
5) Bromomethane	2.78	94	7075	19.300	ug/l	95
6) Chloroethane	2.92	64	5643	20.041	ug/l	90
7) Trichlorofluoromethane	3.25	101	9834	17.947	ug/l	99
8) Diethyl Ether	3.68	74	6753	20.121	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.06	101	14592	18.082	ug/l	96
10) Methyl Iodide	4.27	142	24787	19.314	ug/l	99
11) Tert butyl alcohol	5.17	59	6866	122.608	ug/l #	84
12) 1,1-Dichloroethene	4.03	96	14849	19.871	ug/l	87
13) Acrolein	3.89	56	4291	95.834	ug/l	98
14) Allyl chloride	4.66	41	19060	19.450	ug/l	99
15) Acrylonitrile	5.36	53	13916	97.203	ug/l	96
16) Acetone	4.12	43	15424	99.220	ug/l	96
17) Carbon Disulfide	4.38	76	43074	18.627	ug/l	99
18) Methyl Acetate	4.67	43	7397	20.008	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	21973	20.482	ug/l	94
20) Methylene Chloride	4.91	84	16630	17.263	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	15367	18.698	ug/l	90
22) Diisopropyl ether	6.31	45	36104	19.676	ug/l #	89
23) Vinyl Acetate	6.26	43	109568	100.506	ug/l	97
24) 1,1-Dichloroethane	6.21	63	26032	19.285	ug/l	98
25) 2-Butanone	7.17	43	17280	94.903	ug/l	95
26) 2,2-Dichloropropane	7.16	77	19551	19.793	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	17256	19.708	ug/l	99
28) Bromochloromethane	7.51	49	8839	19.205	ug/l	97
29) Tetrahydrofuran	7.53	42	10850	99.900	ug/l	99
30) Chloroform	7.68	83	30432	19.921	ug/l	99
31) Cyclohexane	7.95	56	23671	19.155	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	27136	19.504	ug/l	99
36) 1,1-Dichloropropene	8.08	75	22582	19.264	ug/l	99
37) Ethyl Acetate	7.25	43	7972	19.706	ug/l	98
38) Carbon Tetrachloride	8.06	117	26602	19.269	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	27709	19.023	ug/l	97
40) Benzene	8.32	78	61640	19.705	ug/l	98
41) Methacrylonitrile	7.48	41	4514	19.653	ug/l	97
42) 1,2-Dichloroethane	8.40	62	21257	20.278	ug/l	99
43) Isopropyl Acetate	8.43	43	15624	19.277	ug/l	99
44) Trichloroethene	9.09	130	18516	19.573	ug/l	98
45) 1,2-Dichloropropane	9.37	63	13640	19.652	ug/l	98
46) Dibromomethane	9.46	93	8567	20.051	ug/l	97
47) Bromodichloromethane	9.65	83	22135	19.706	ug/l	99
48) Methyl methacrylate	9.44	41	7848m	19.398	ug/l	
49) 1,4-Dioxane	9.45	88	2668	393.852	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	38905	101.568	ug/l	98
52) Toluene	10.39	92	41685	19.862	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	21897	19.599	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	24925	20.197	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	11688	19.843	ug/l	98
56) Ethyl methacrylate	10.65	69	14166	20.355	ug/l	98
57) 1,3-Dichloropropane	10.93	76	19688	20.129	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	30756	96.795	ug/l	98
59) 2-Hexanone	10.97	43	27641	102.608	ug/l	99
60) Dibromochloromethane	11.13	129	15457	19.819	ug/l	100
61) 1,2-Dibromoethane	11.24	107	11771	19.734	ug/l	99
64) Tetrachloroethene	10.86	164	14790	18.781	ug/l	96
65) Chlorobenzene	11.66	112	47215	19.615	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	16649	19.357	ug/l	97
67) Ethyl Benzene	11.73	91	81322	19.688	ug/l	98
68) m/p-Xylenes	11.84	106	63132	39.401	ug/l	99
69) o-Xylene	12.17	106	30551	20.341	ug/l	96
70) Styrene	12.18	104	48833	19.779	ug/l	99
71) Bromoform	12.35	173	8687	19.456	ug/l #	99
73) Isopropylbenzene	12.47	105	83458	19.184	ug/l	99
74) N-amyl acetate	12.27	43	15009	19.918	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	12792	19.612	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	9994m	22.467	ug/l	
77) Bromobenzene	12.75	156	19848	19.908	ug/l	98
78) n-propylbenzene	12.81	91	97413	19.236	ug/l	99
79) 2-Chlorotoluene	12.90	91	56948	19.304	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	73583	19.609	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	4061	19.163	ug/l	93
82) 4-Chlorotoluene	12.99	91	61340	19.528	ug/l	100
83) tert-Butylbenzene	13.21	119	64126	19.476	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	74379	19.643	ug/l	100
85) sec-Butylbenzene	13.39	105	87146	19.205	ug/l	100
86) p-Isopropyltoluene	13.51	119	80300	19.461	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	39184	19.795	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	39053	19.723	ug/l	100
89) n-Butylbenzene	13.83	91	72794	19.241	ug/l	100
90) Hexachloroethane	14.10	117	14096	19.459	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	35279	19.905	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2473	18.462	ug/l	88

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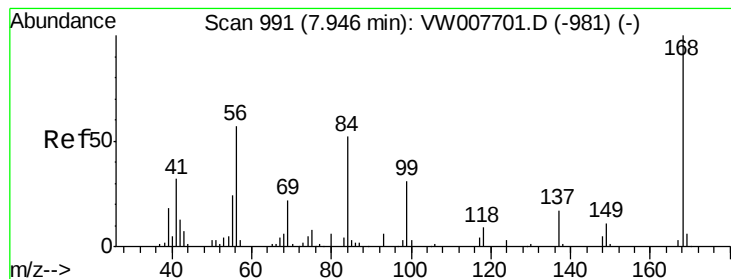
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	23654	19.227	ug/l	100
94) Hexachlorobutadiene	15.24	225	12334	18.760	ug/l	99
95) Naphthalene	15.38	128	45056	19.809	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	20583	19.545	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. -0.00 min

Lab File: VW007708.D

Acq: 19 Dec 2018 19:10

Instrument :

MSVOA_W

ClientSampleId :

VW1221SBS01

Tot Ion:168 Resp: 75740

Ion Ratio Lower Upper

168 100

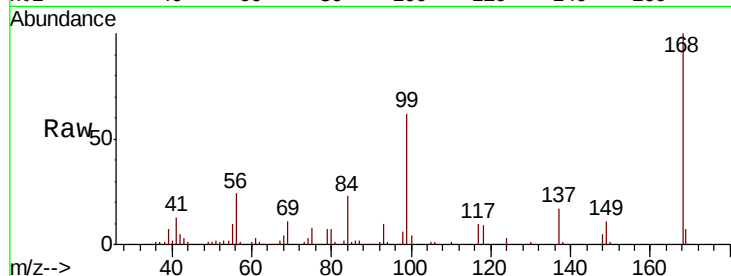
99 62.0 54.0 81.0

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Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

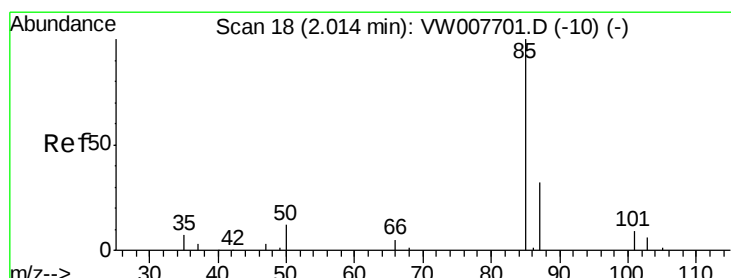
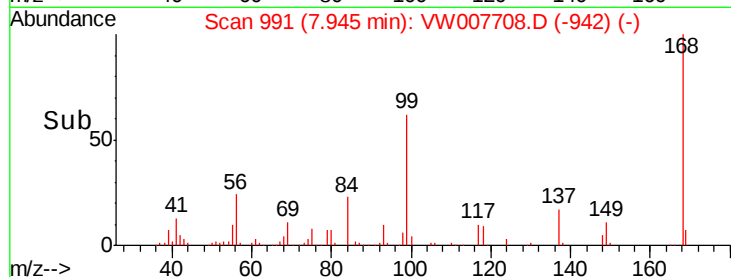
20000

10000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 17.311 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW007708.D

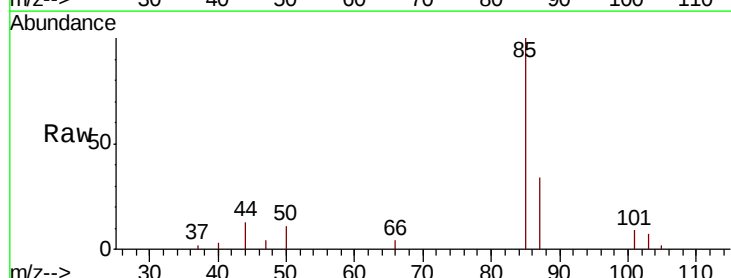
Acq: 19 Dec 2018 19:10

Tgt Ion: 85 Resp: 11656

Ion Ratio Lower Upper

85 100

87 34.0 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

4000

3000

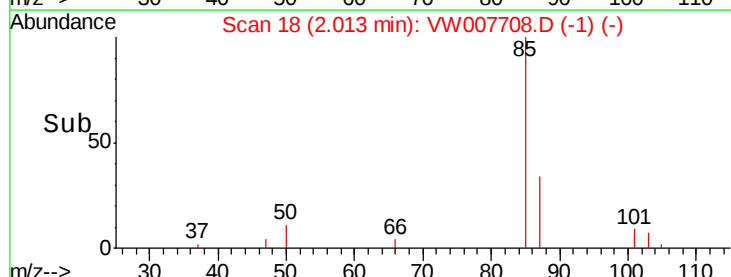
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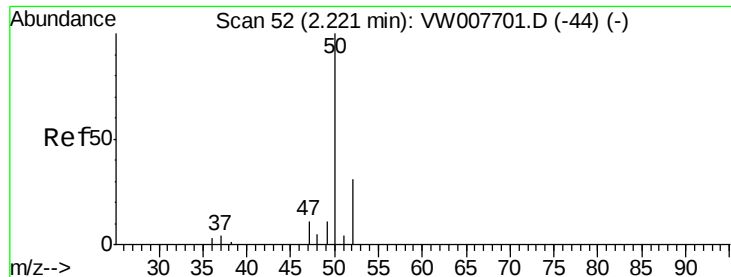
1000

0

1.95 2.00 2.05 2.10 2.15

Time-->





#3

Chloromethane

Concen: 20.655 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW007708.D

Acq: 19 Dec 2018 19:10

Instrument :

MSVOA_W

ClientSampleId :

VW1221SBSD01

Tot Ion: 50 Resp: 8540

Ion Ratio Lower Upper

50 100

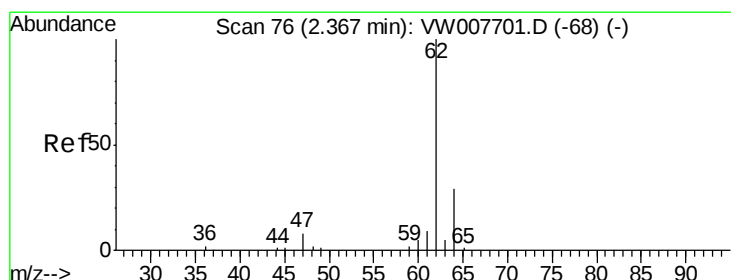
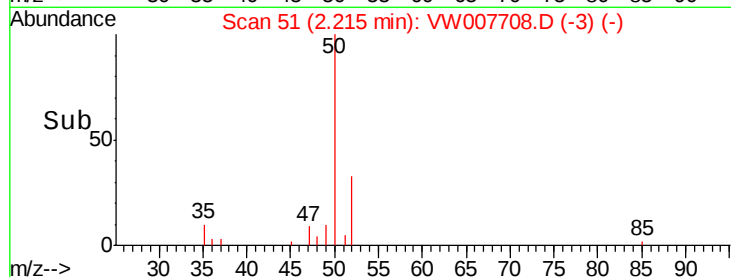
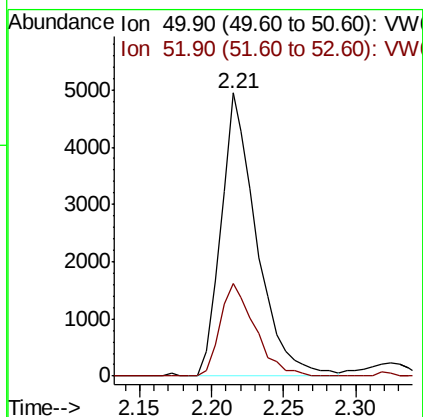
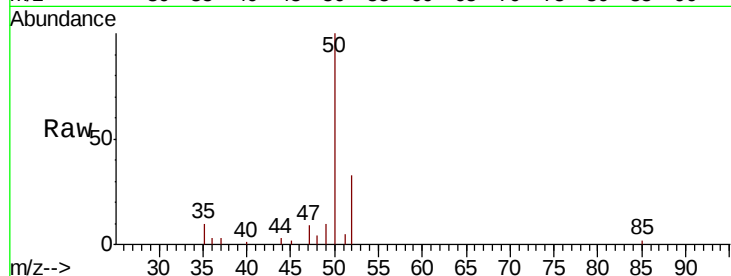
52 32.6 25.1 37.7

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.779 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW007708.D

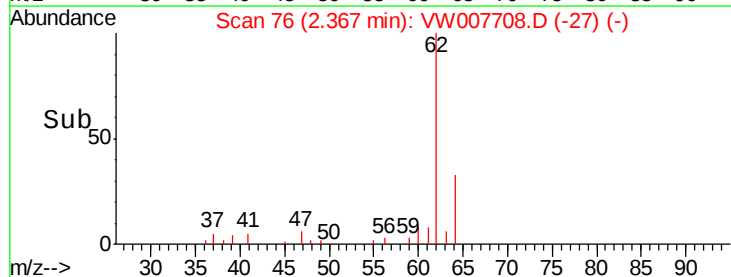
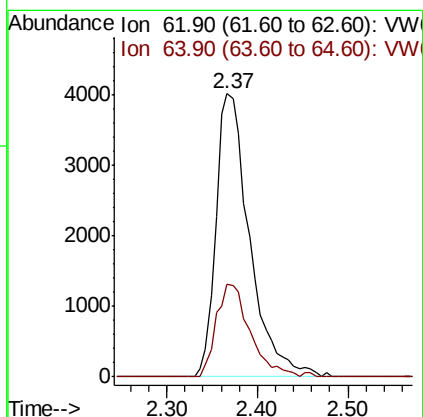
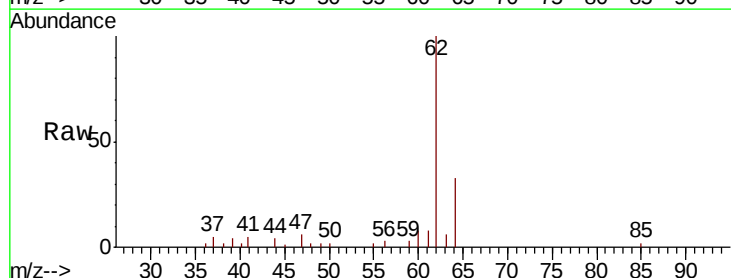
Acq: 19 Dec 2018 19:10

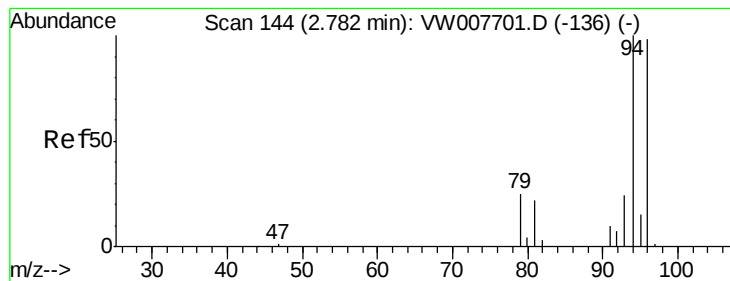
Tgt Ion: 62 Resp: 10410

Ion Ratio Lower Upper

62 100

64 32.6 23.4 35.0





#5

Bromomethane

Concen: 19.300 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW007708.D

Acq: 19 Dec 2018 19:10

Instrument :

MSVOA_W

ClientSampleId :

VW1221SBSD01

Tot Ion: 94 Resp: 7075

Ion Ratio Lower Upper

94 100

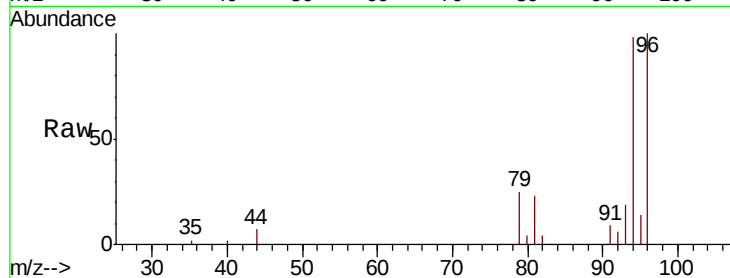
96 102.5 78.2 117.2

Manual Integrations

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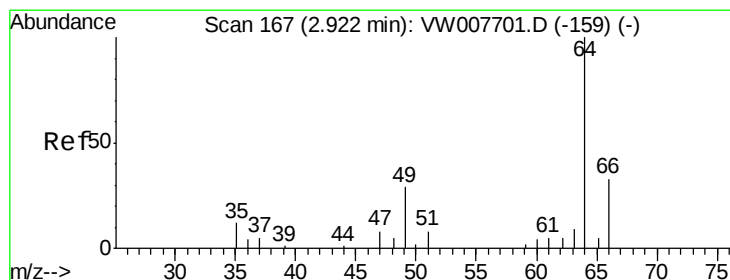
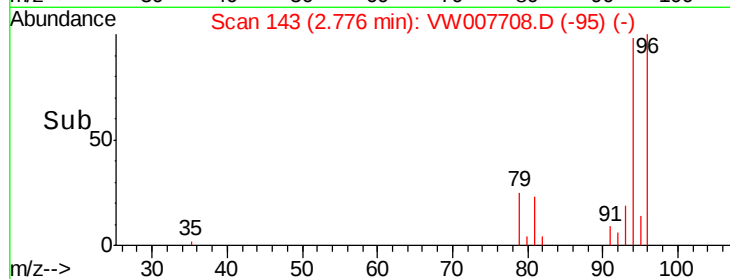
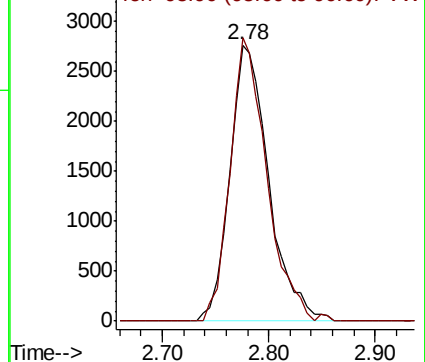
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Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 20.041 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.00 min

Lab File: VW007708.D

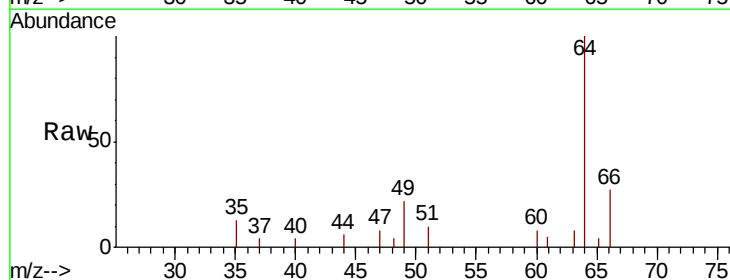
Acq: 19 Dec 2018 19:10

Tgt Ion: 64 Resp: 5643

Ion Ratio Lower Upper

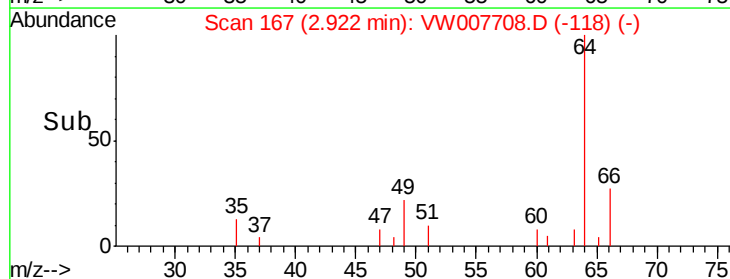
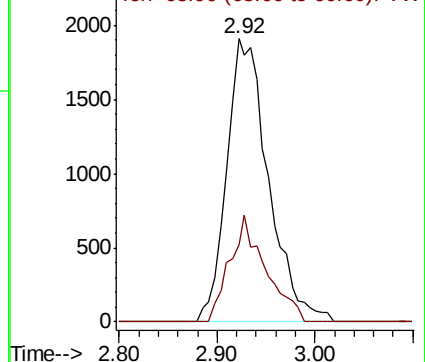
64 100

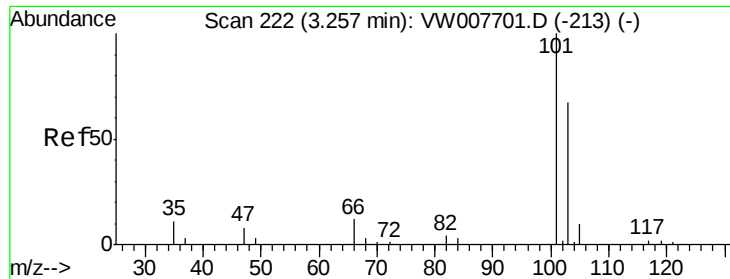
66 27.4 26.2 39.4



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW





#7

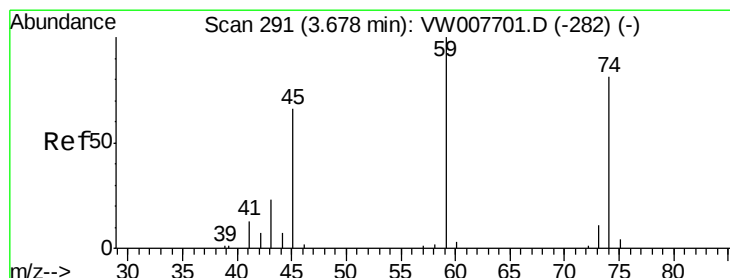
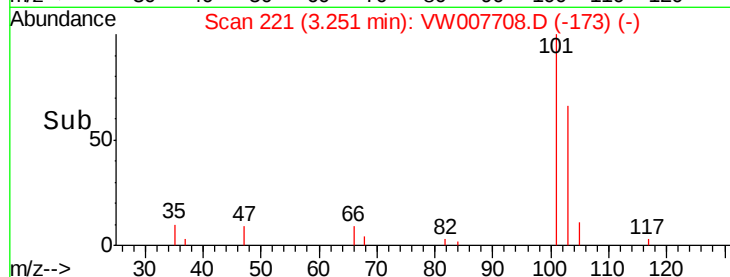
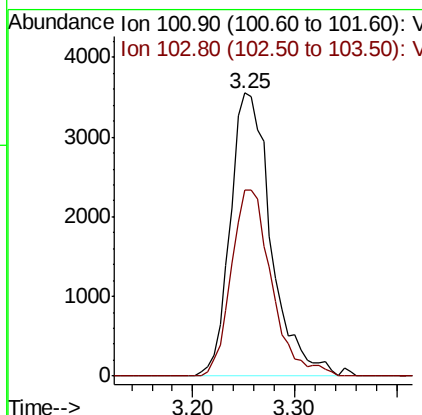
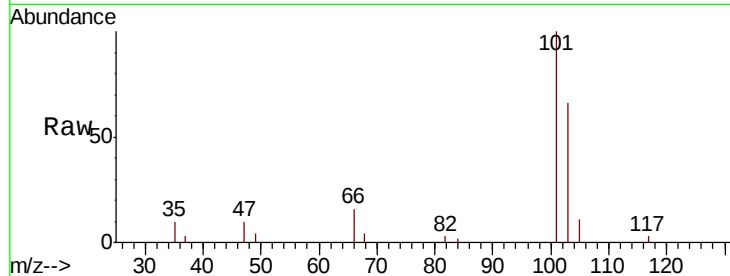
Trichlorofluoromethane
 Concen: 17.947 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
 Lab File: VW007708.D
 Acq: 19 Dec 2018 19:10

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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.6	53.4	80.2

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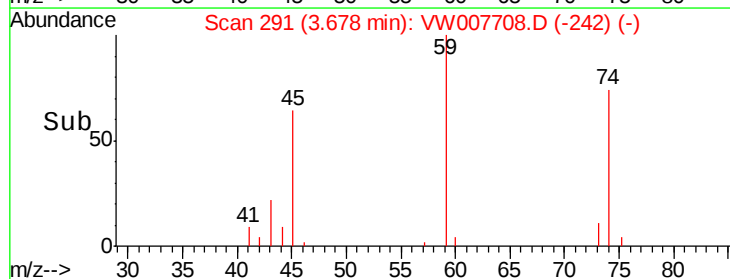
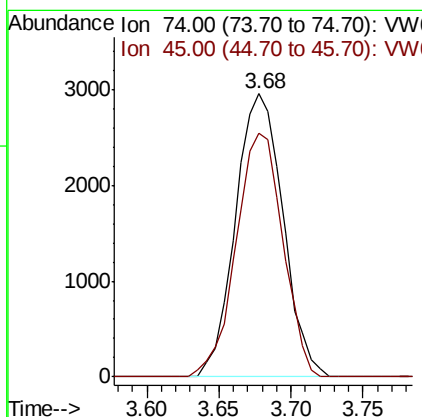
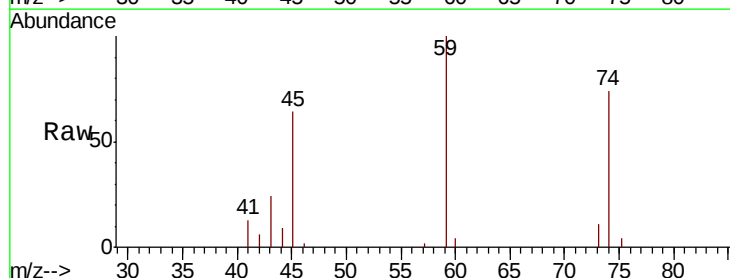
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 12/20/2018 11:19:58 AM

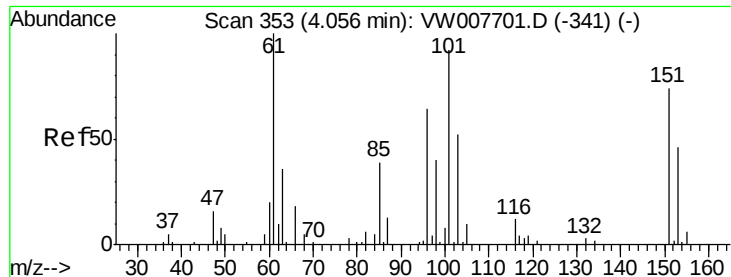


#8

Diethyl Ether
 Concen: 20.121 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW007708.D
 Acq: 19 Dec 2018 19:10

Tgt Ion	Ratio	Lower	Upper
74	100		
45	85.0	39.4	118.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.082 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.00 min

Lab File: VW007708.D

Acq: 19 Dec 2018 19:10

Instrument :

MSVOA_W

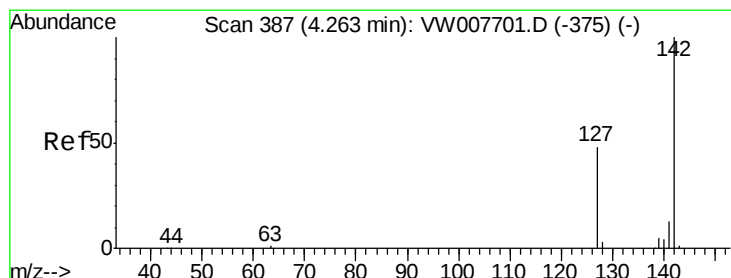
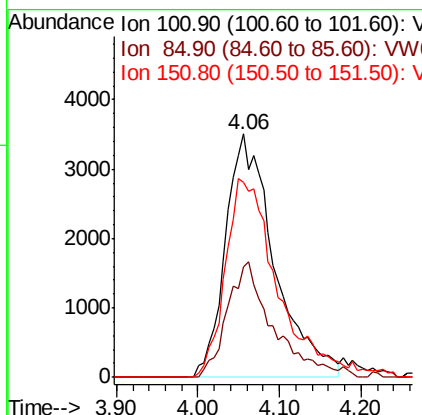
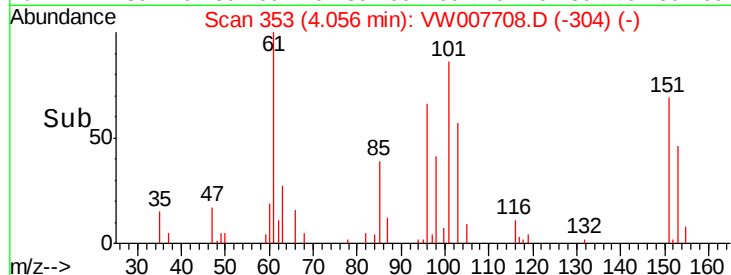
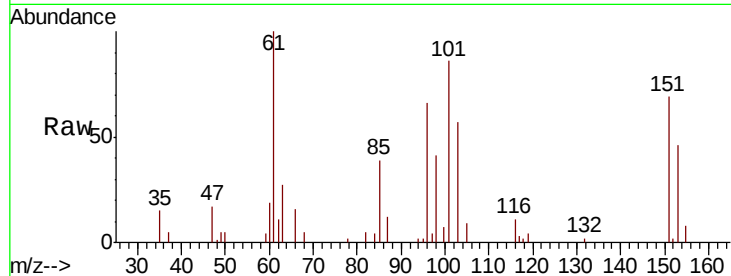
ClientSampleId :

VW1221SBSD01

Tot Ion:	101	Resp:	14592
Ion Ratio	Lower	Upper	
101	100		
85	43.9	34.3	51.5
151	85.9	64.6	96.8

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#10

Methyl Iodide

Concen: 19.314 ug/l

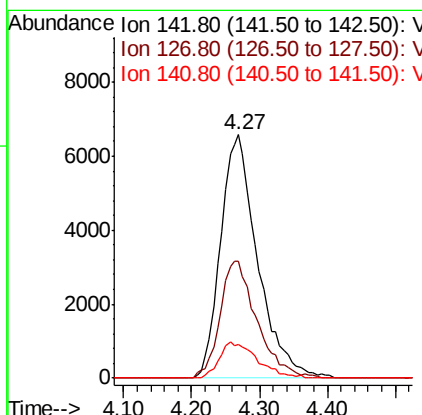
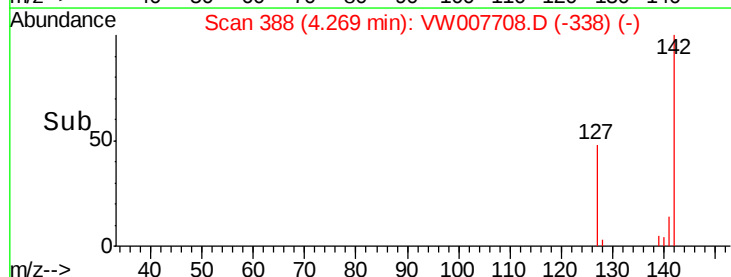
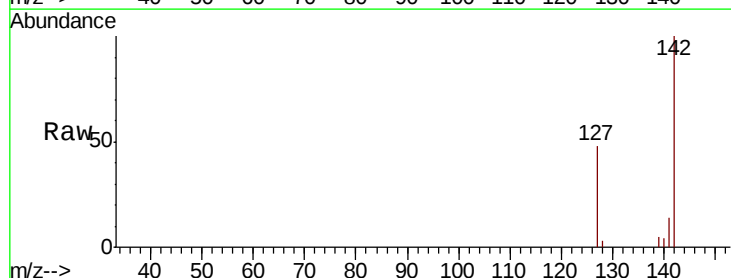
RT: 4.27 min Scan# 388

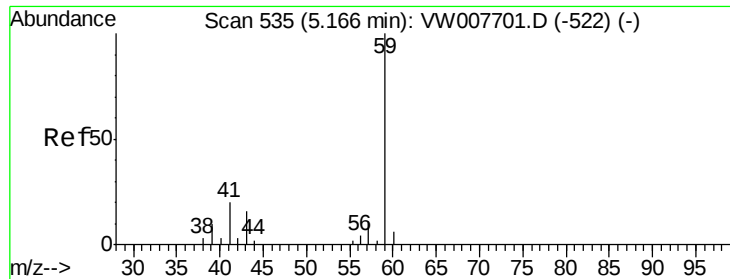
Delta R.T. 0.01 min

Lab File: VW007708.D

Acq: 19 Dec 2018 19:10

Tgt Ion:	142	Resp:	24787
Ion Ratio	Lower	Upper	
142	100		
127	47.9	37.7	56.5
141	15.2	11.5	17.3





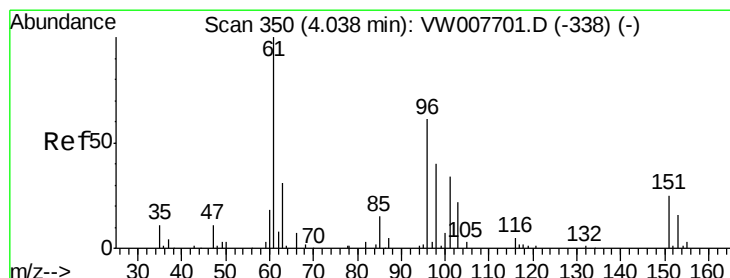
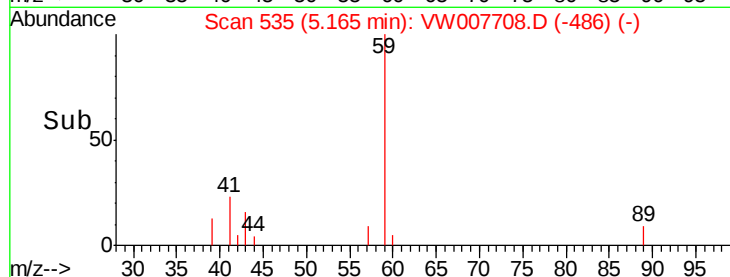
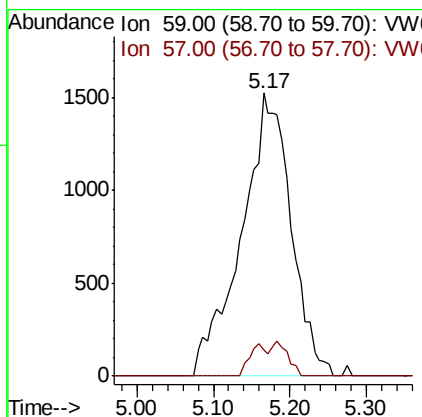
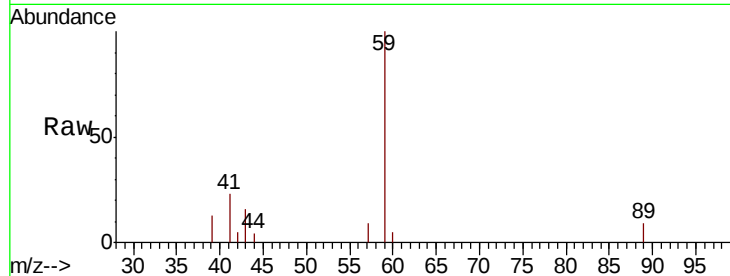
#11
Tert butyl alcohol
Concen: 122.608 ug/l
RT: 5.17 min Scan# 535
Delta R.T. -0.00 min
Lab File: VW007708.D
Acq: 19 Dec 2018 19:10

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS01

Tot Ion: 59 Resp: 6866
Ion Ratio Lower Upper
59 100
57 4.0 7.8 11.8#

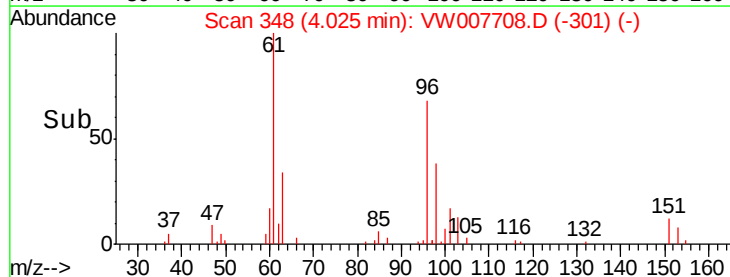
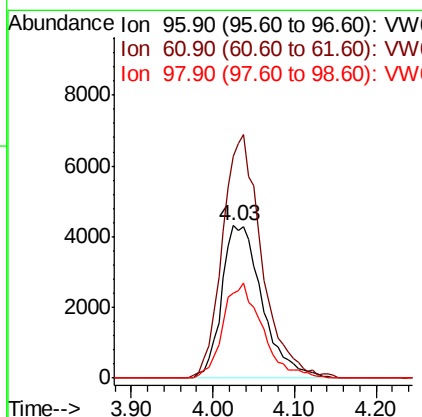
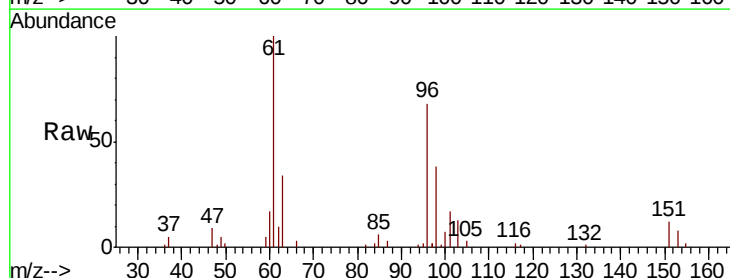
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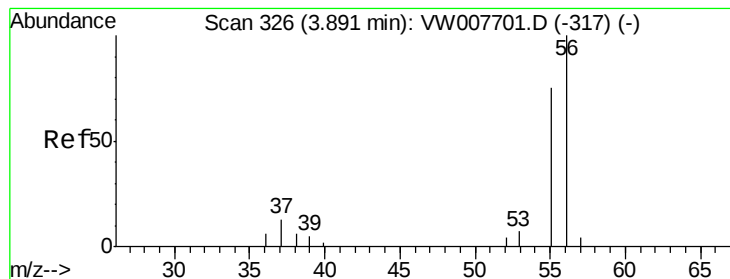
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#12
1,1-Dichloroethene
Concen: 19.871 ug/l
RT: 4.03 min Scan# 348
Delta R.T. -0.01 min
Lab File: VW007708.D
Acq: 19 Dec 2018 19:10

Tgt Ion: 96 Resp: 14849
Ion Ratio Lower Upper
96 100
61 146.0 130.6 195.8
98 55.4 52.3 78.5





#13

Acrolein

Concen: 95.834 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW007708.D

Acq: 19 Dec 2018 19:10

Instrument :

MSVOA_W

ClientSampleId :

VW1221SBSD01

Tot Ion: 56 Resp: 4291

Ion Ratio Lower Upper

56 100

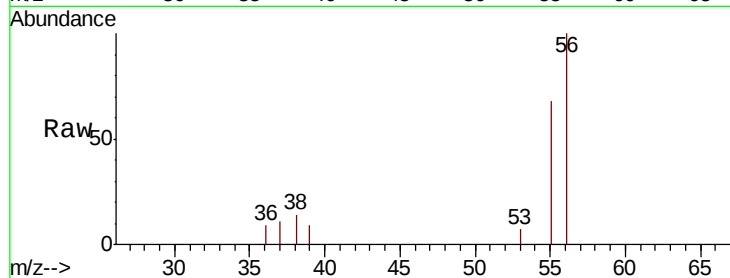
55 73.4 57.7 86.5

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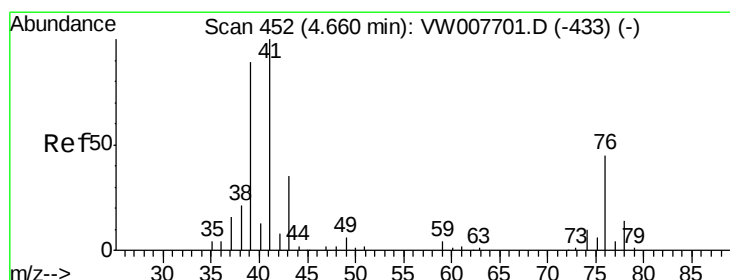
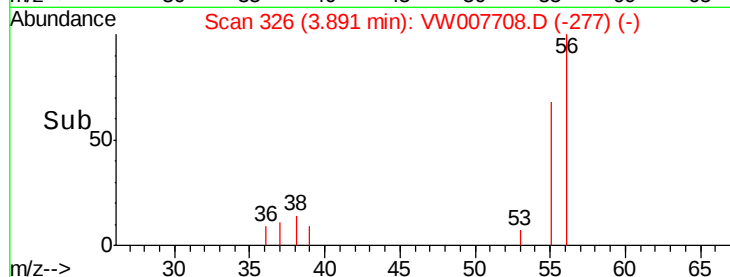
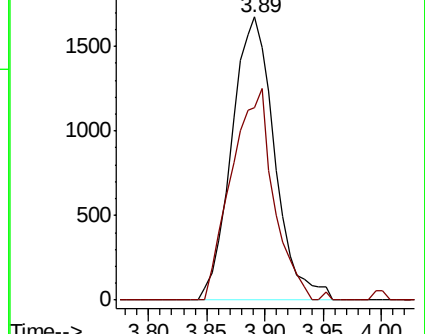
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Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 19.450 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.00 min

Lab File: VW007708.D

Acq: 19 Dec 2018 19:10

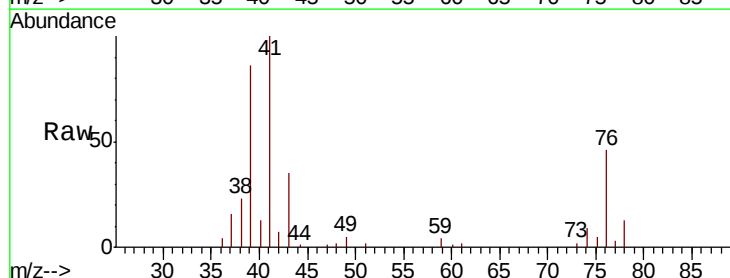
Tgt Ion: 41 Resp: 19060

Ion Ratio Lower Upper

41 100

39 85.5 69.5 104.3

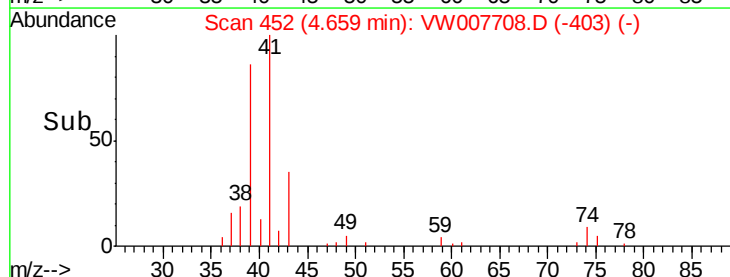
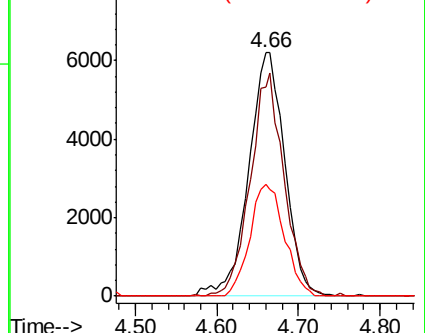
76 43.7 34.8 52.2

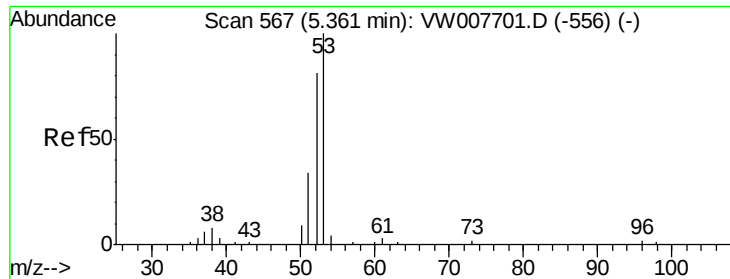


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 97.203 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.00 min

Lab File: VW007708.D

Acq: 19 Dec 2018 19:10

Instrument :

MSVOA_W

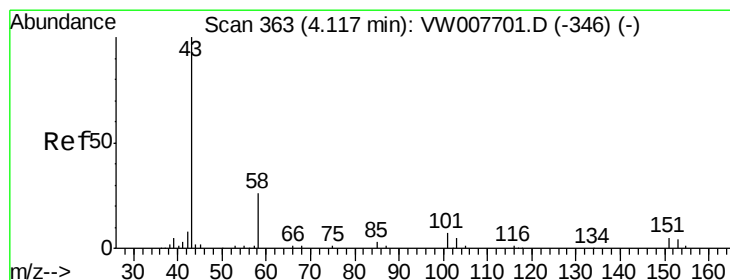
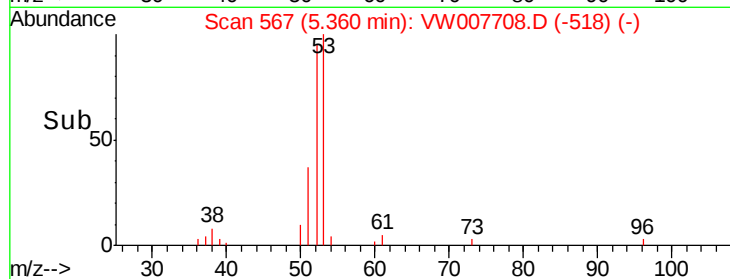
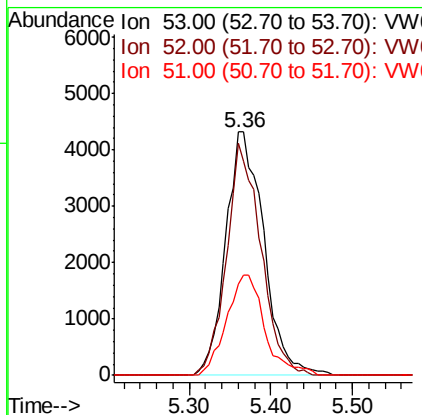
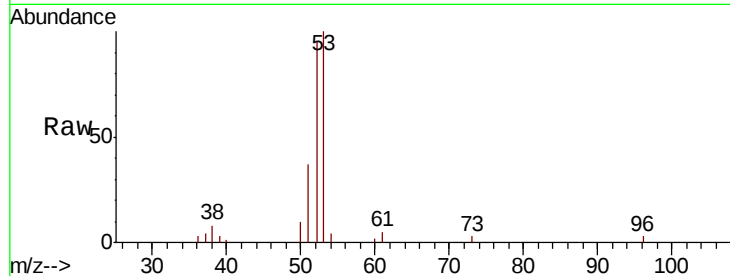
ClientSampleId :

VW1221SBSD01

Tot Ion:	53	Resp:	13916
Ion	Ratio	Lower	Upper
53	100		
52	86.1	67.0	100.4
51	41.4	30.2	45.2

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#16

Acetone

Concen: 99.220 ug/l

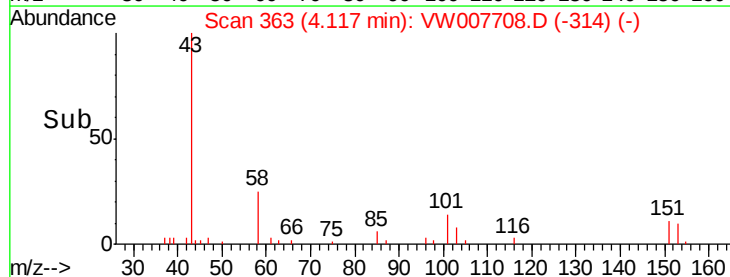
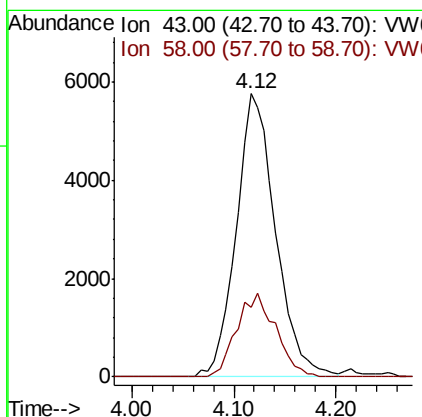
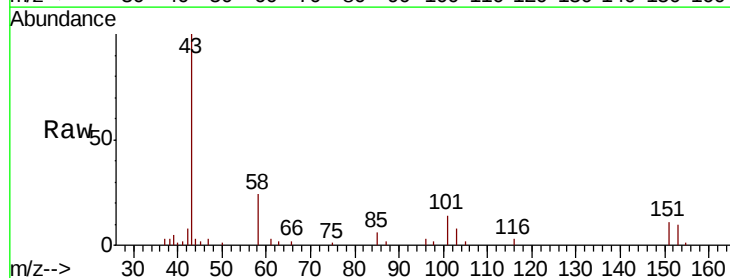
RT: 4.12 min Scan# 363

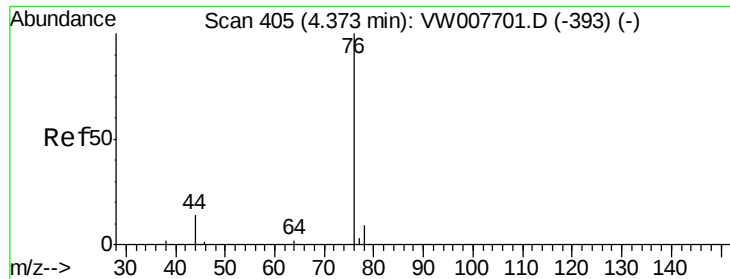
Delta R.T. -0.00 min

Lab File: VW007708.D

Acq: 19 Dec 2018 19:10

Tgt Ion:	43	Resp:	15424
Ion	Ratio	Lower	Upper
43	100		
58	24.5	21.2	31.8





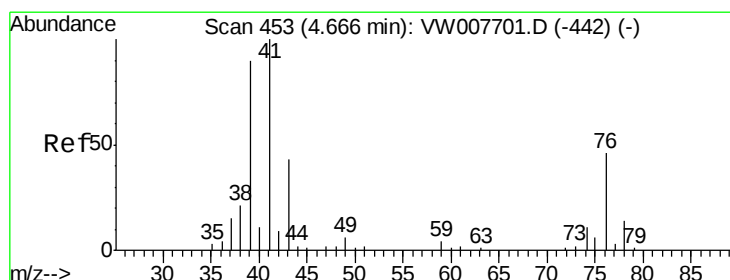
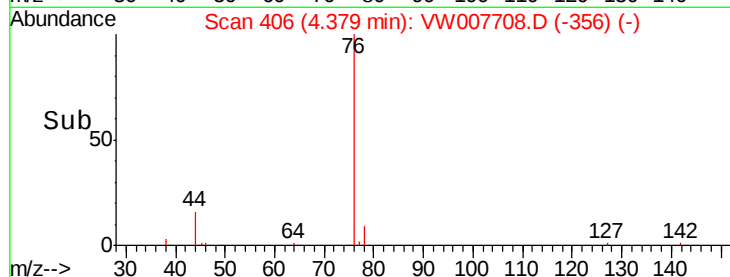
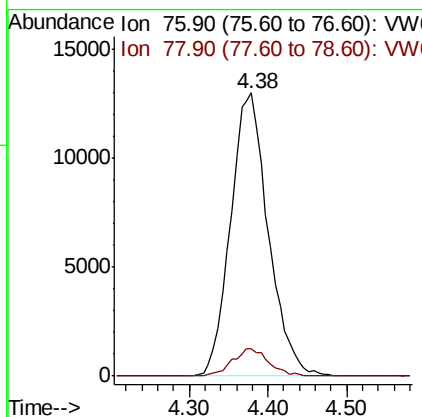
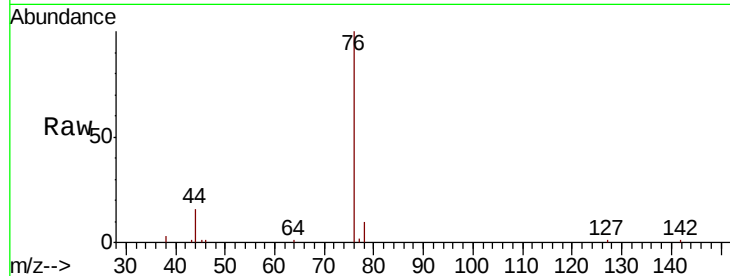
#17
Carbon Disulfide
Concen: 18.627 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.01 min
Lab File: VW007708.D
Acq: 19 Dec 2018 19:10

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS01

Tot Ion: 76 Resp: 43074
Ion Ratio Lower Upper
76 100
78 9.5 7.3 10.9

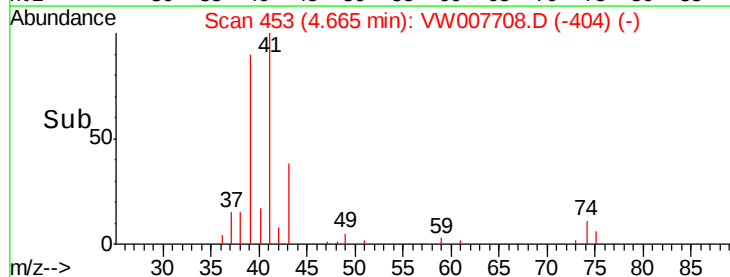
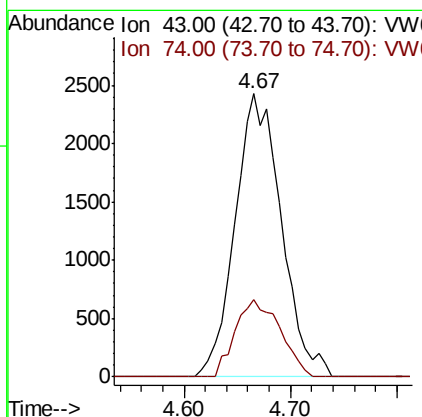
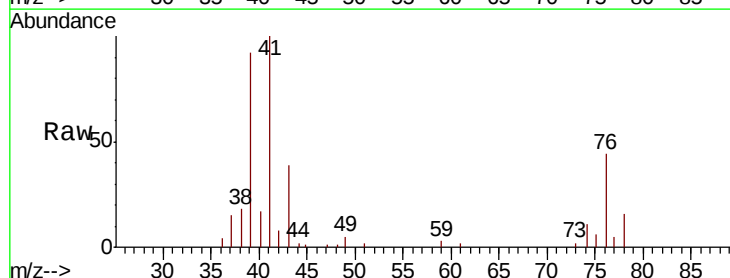
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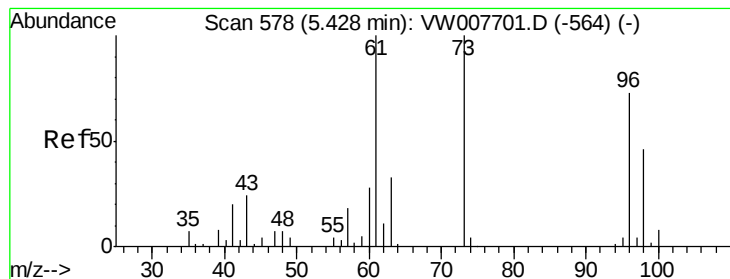
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#18
Methyl Acetate
Concen: 20.008 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW007708.D
Acq: 19 Dec 2018 19:10

Tgt Ion: 43 Resp: 7397
Ion Ratio Lower Upper
43 100
74 26.5 22.7 34.1





#19

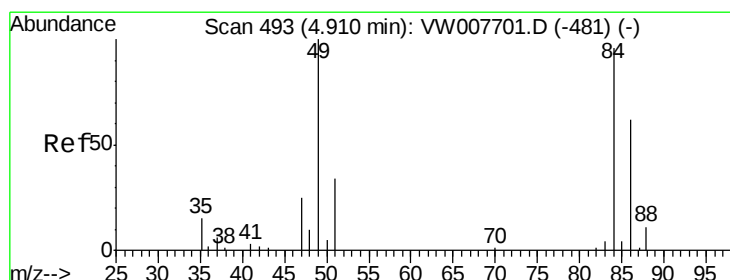
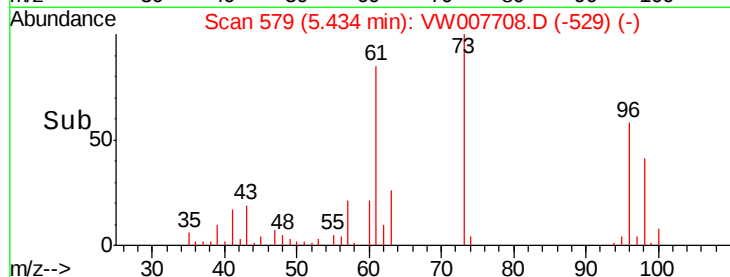
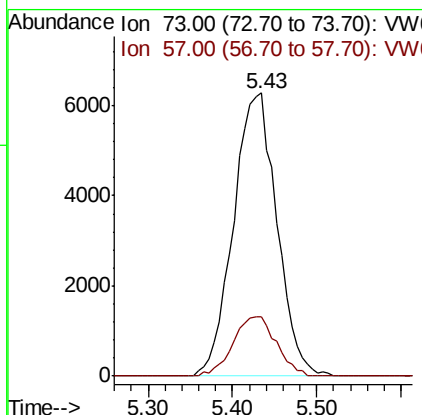
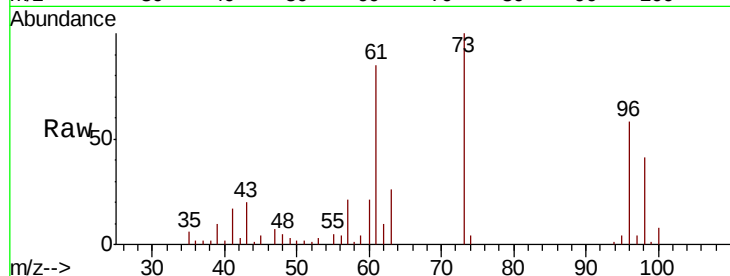
Methyl tert-butyl Ether
 Concen: 20.482 ug/l
 RT: 5.43 min Scan# 579
 Delta R.T. 0.01 min
 Lab File: VW007708.D
 Acq: 19 Dec 2018 19:10

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1221SBS01

Tot Ion: 73 Resp: 21973
 Ion Ratio Lower Upper
 73 100
 57 21.2 14.7 22.1

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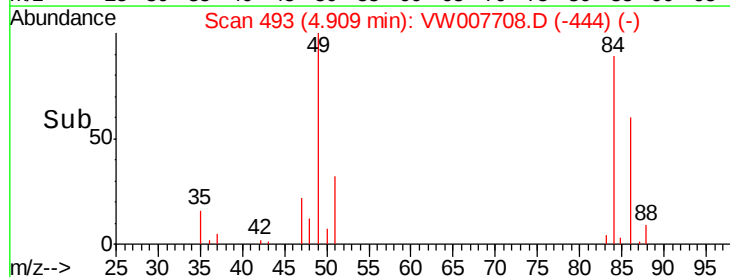
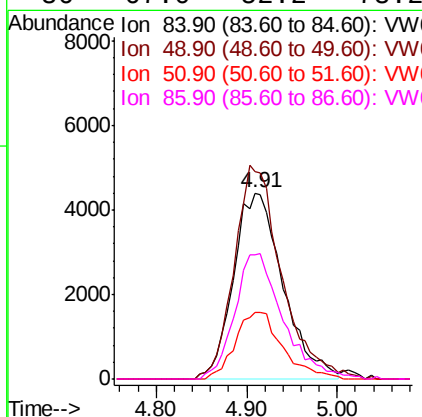
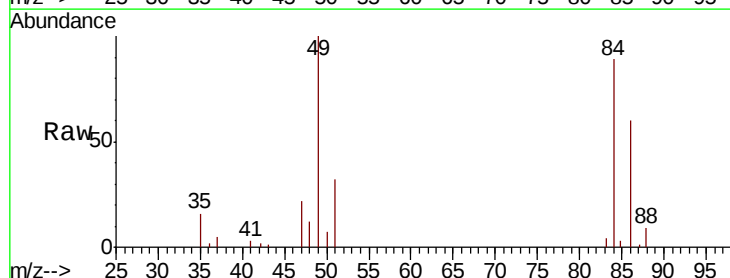
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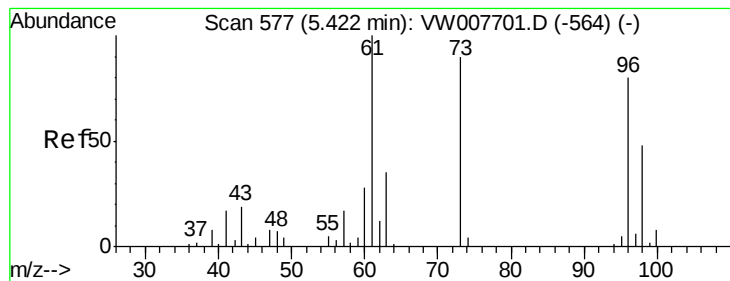


#20

Methylene Chloride
 Concen: 17.263 ug/l
 RT: 4.91 min Scan# 493
 Delta R.T. 0.00 min
 Lab File: VW007708.D
 Acq: 19 Dec 2018 19:10

Tgt Ion: 84 Resp: 16630
 Ion Ratio Lower Upper
 84 100
 49 112.0 83.7 125.5
 51 36.0 28.2 42.2
 86 67.0 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 18.698 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW007708.D

Acq: 19 Dec 2018 19:10

Instrument :

MSVOA_W

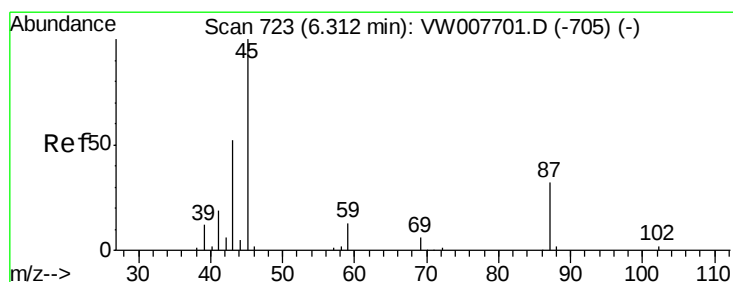
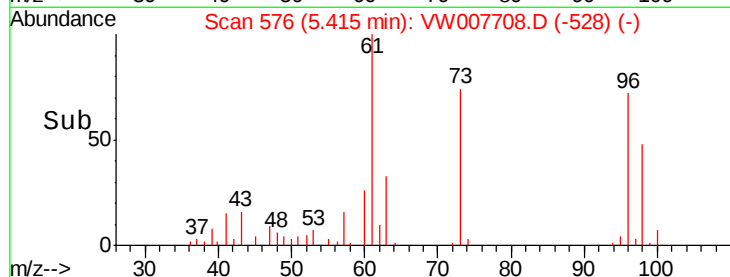
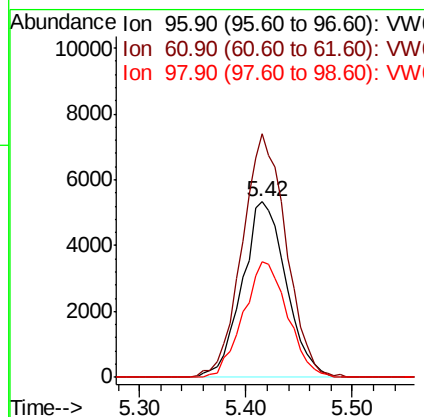
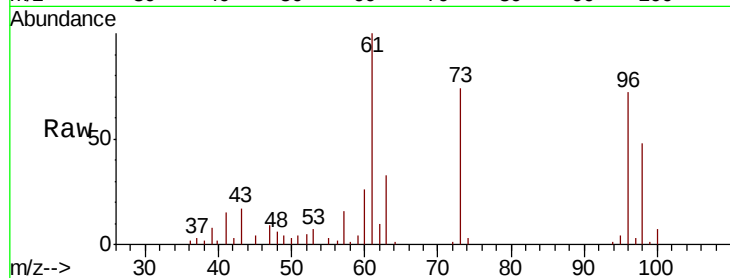
ClientSampleId :

VW1221SBSD01

Tot Ion:	96	Resp:	15367
Ion	Ratio	Lower	Upper
96	100		
61	138.6	100.1	150.1
98	65.9	48.5	72.7

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#22

Diisopropyl ether

Concen: 19.676 ug/l

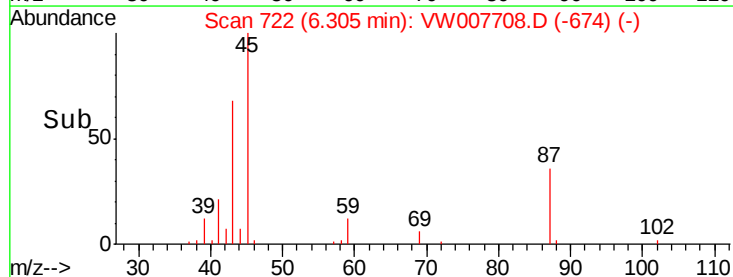
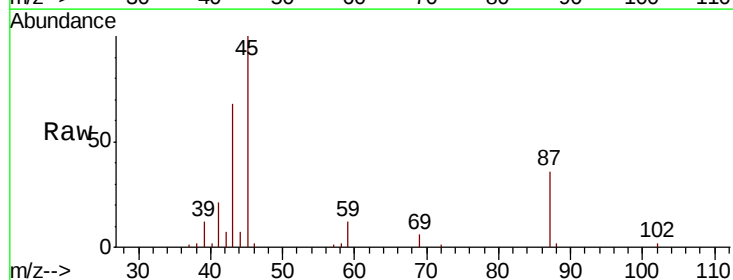
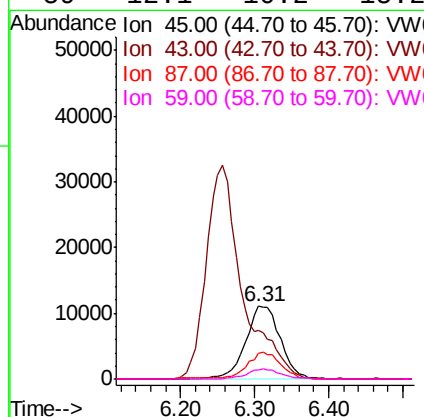
RT: 6.31 min Scan# 722

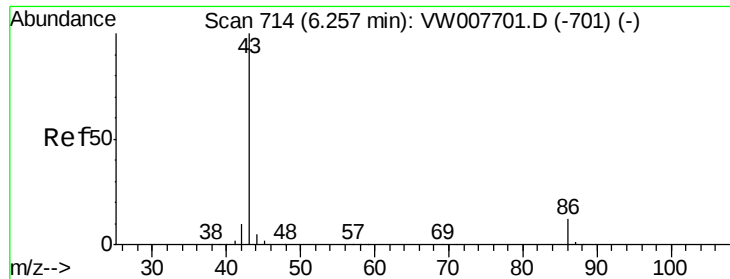
Delta R.T. -0.01 min

Lab File: VW007708.D

Acq: 19 Dec 2018 19:10

Tgt Ion:	45	Resp:	36104
Ion	Ratio	Lower	Upper
45	100		
43	66.7	43.7	65.5#
87	35.7	26.6	40.0
59	12.1	10.2	15.2





#23

Vinyl Acetate

Concen: 100.506 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW007708.D

Acq: 19 Dec 2018 19:10

Instrument :

MSVOA_W

ClientSampleId :

VW1221SBS01

Tot Ion: 43 Resp: 109568

Ion Ratio Lower Upper

43 100

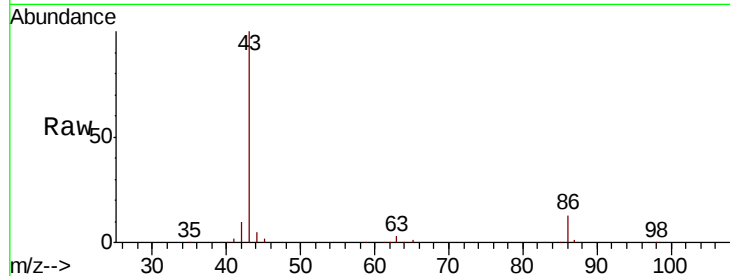
86 13.1 9.6 14.4

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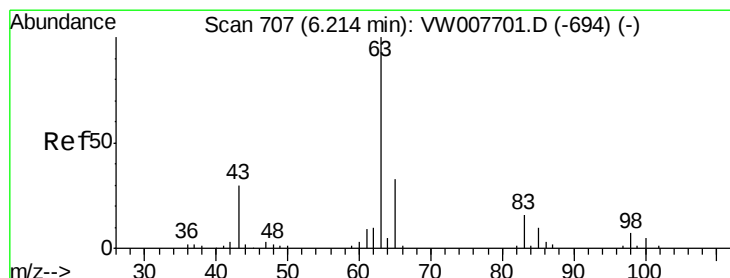
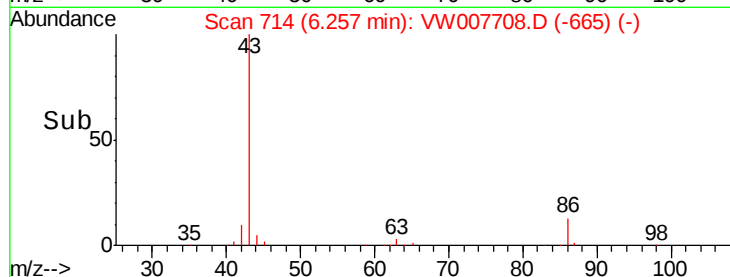
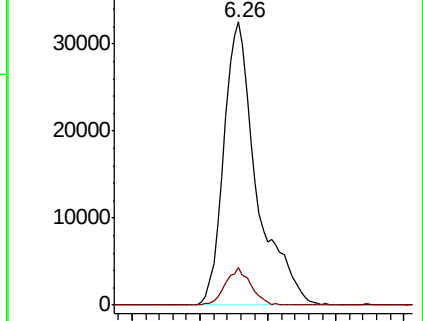
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 19.285 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW007708.D

Acq: 19 Dec 2018 19:10

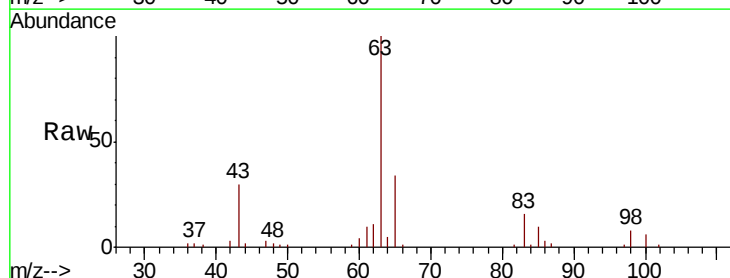
Tgt Ion: 63 Resp: 26032

Ion Ratio Lower Upper

63 100

98 7.9 3.6 10.9

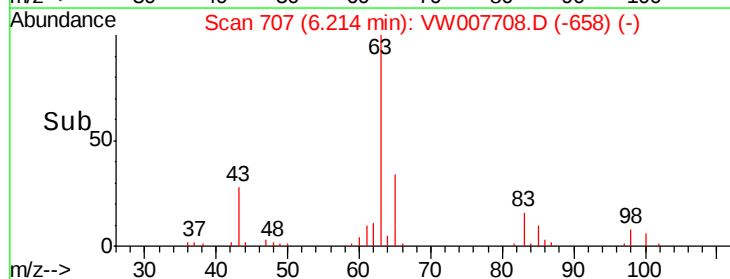
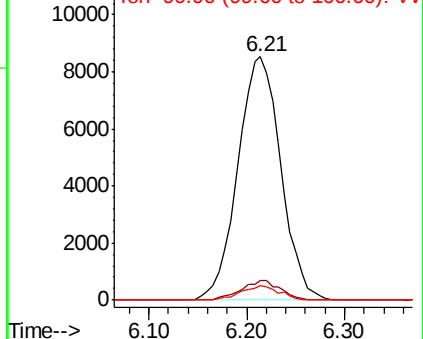
100 5.9 2.5 7.5

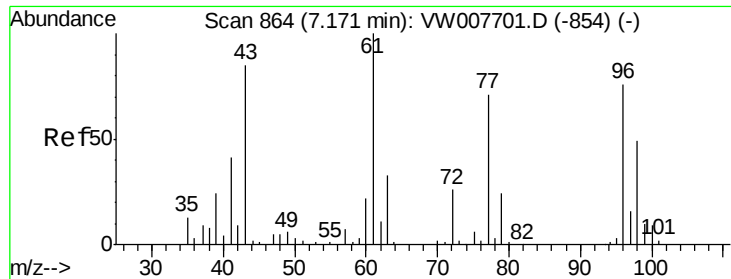


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 94.903 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW007708.D

Acq: 19 Dec 2018 19:10

Instrument :

MSVOA_W

ClientSampleId :

VW1221SBSD01

Tot Ion: 43 Resp: 17280

Ion Ratio Lower Upper

43 100

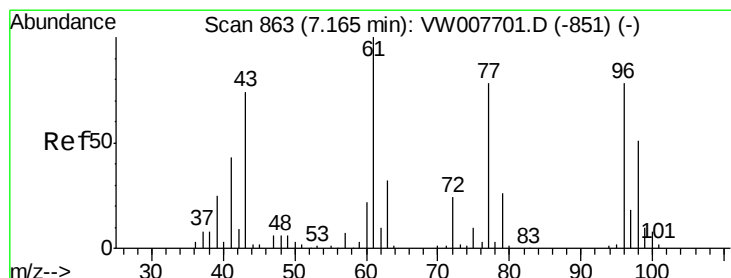
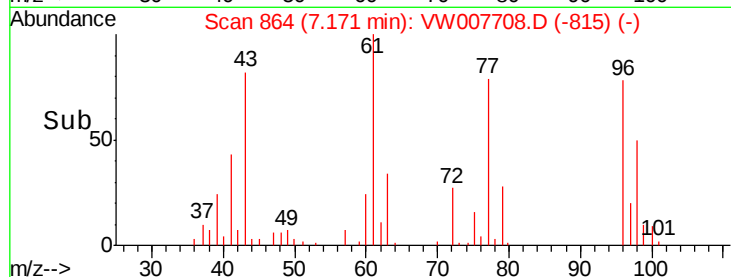
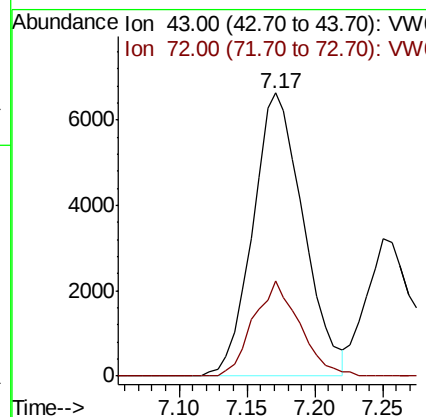
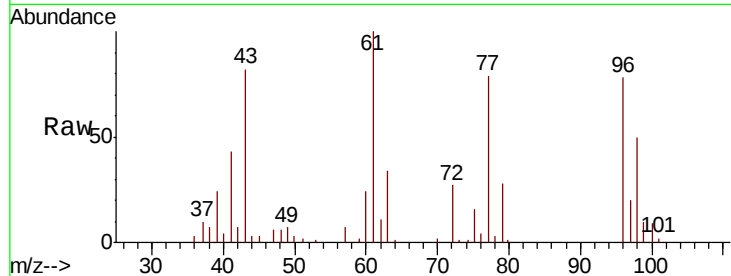
72 33.4 24.5 36.7

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#26

2,2-Dichloropropane

Concen: 19.793 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW007708.D

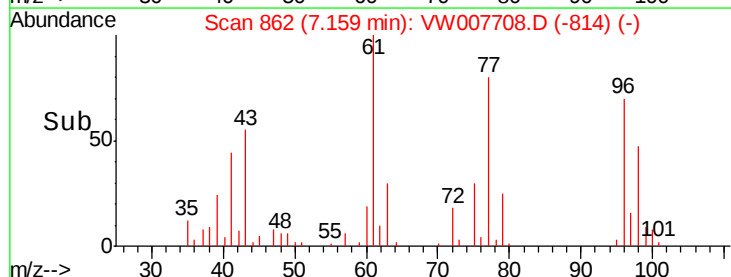
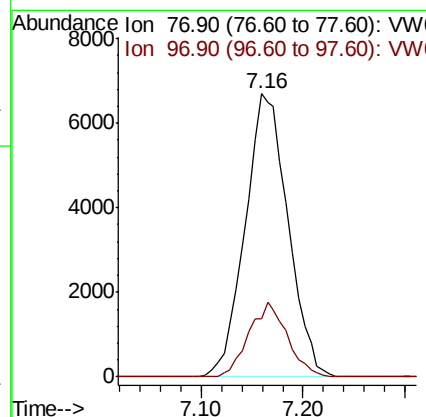
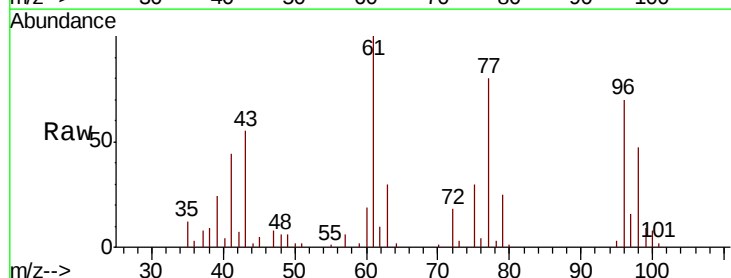
Acq: 19 Dec 2018 19:10

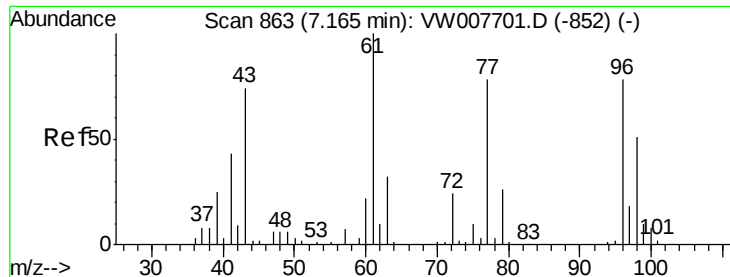
Tgt Ion: 77 Resp: 19551

Ion Ratio Lower Upper

77 100

97 23.5 11.3 33.9





#27

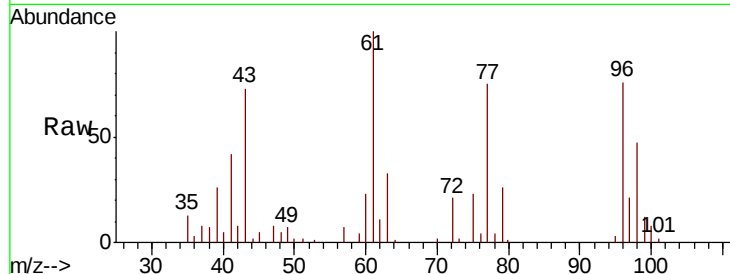
cis-1,2-Dichloroethene
Concen: 19.708 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW007708.D
Acq: 19 Dec 2018 19:10

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	135.0	0.0	271.6
98	63.8	0.0	131.2

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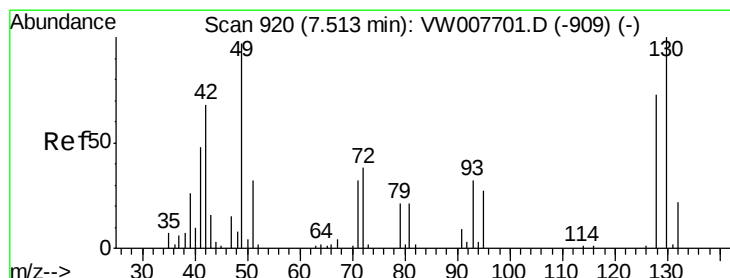
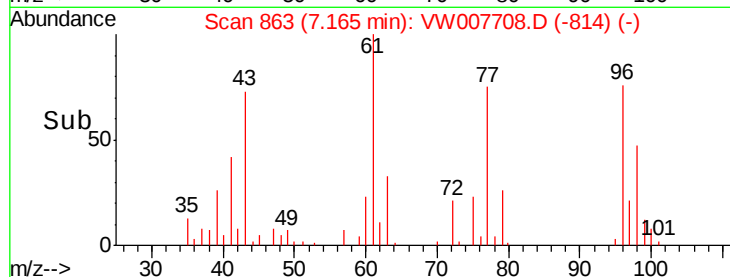
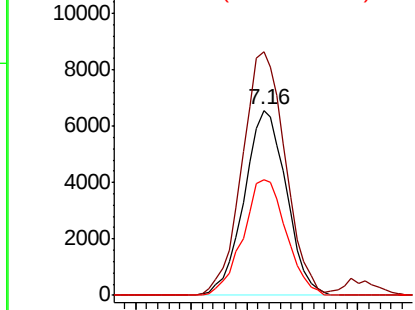


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

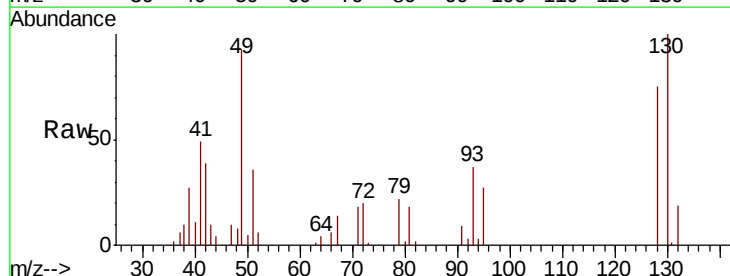
Ion 97.90 (97.60 to 98.60): VW



#28

Bromochloromethane
Concen: 19.205 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.01 min
Lab File: VW007708.D
Acq: 19 Dec 2018 19:10

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.9	0.0	2.2
130	105.2	81.5	122.3

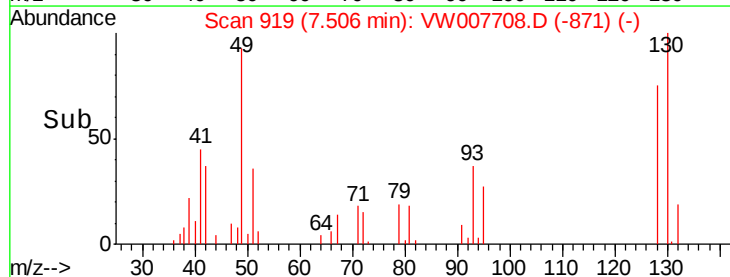
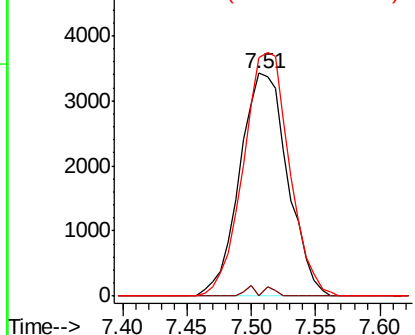


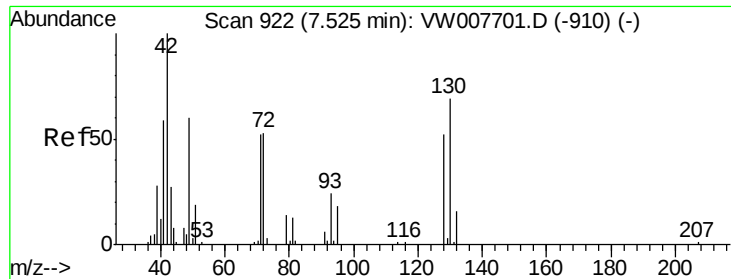
Abundance

Ion 48.90 (48.60 to 49.60): VW

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





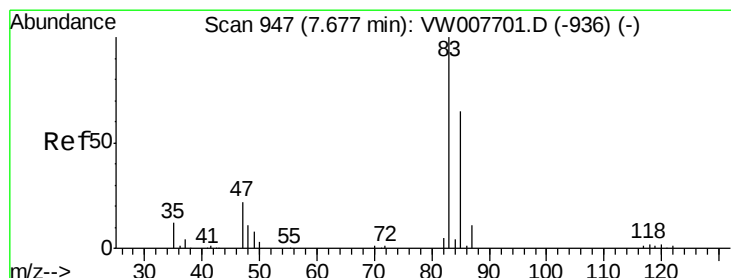
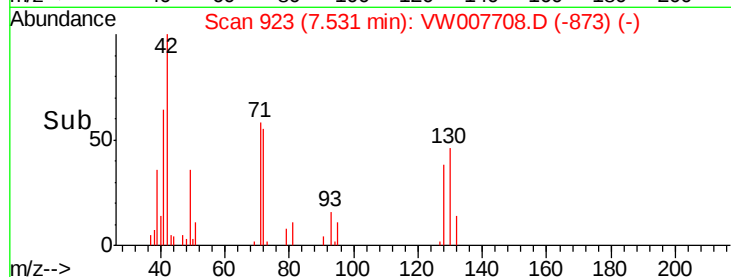
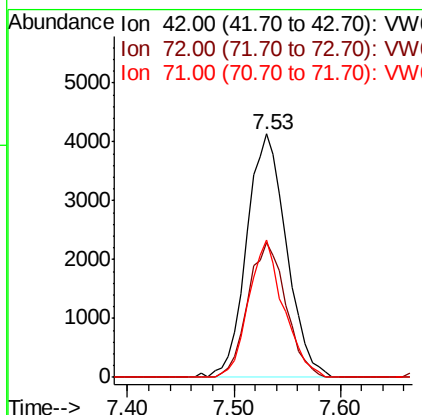
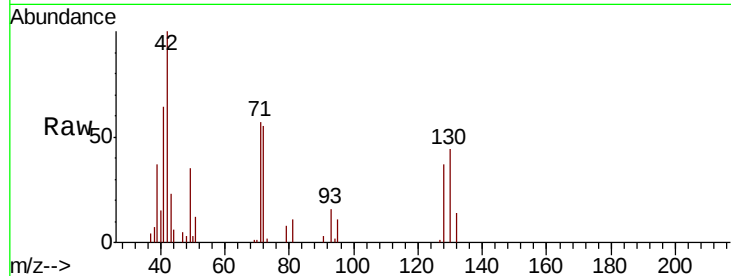
#29
Tetrahydrofuran
Concen: 99.900 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW007708.D
Acq: 19 Dec 2018 19:10

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	52.8	41.7	62.5
71	49.8	39.0	58.6

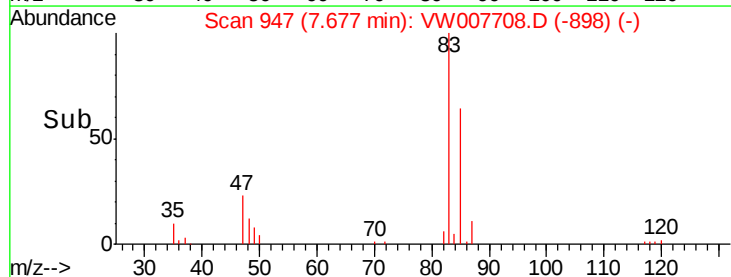
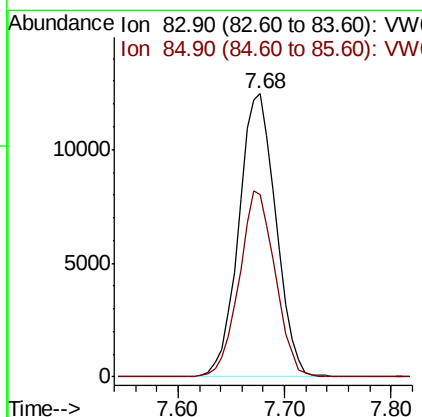
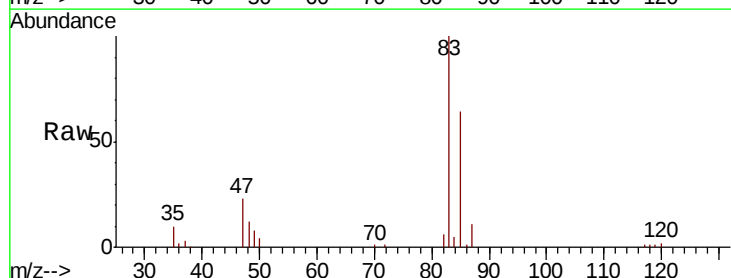
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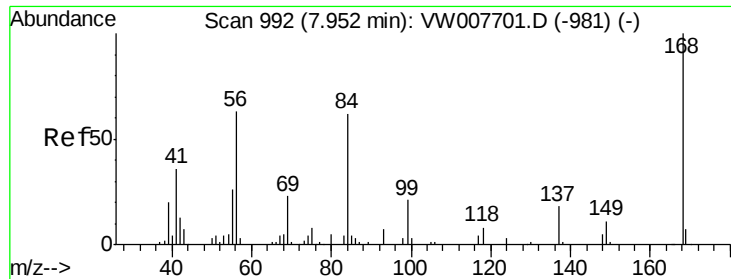
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#30
Chloroform
Concen: 19.921 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW007708.D
Acq: 19 Dec 2018 19:10

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.3	52.2	78.2





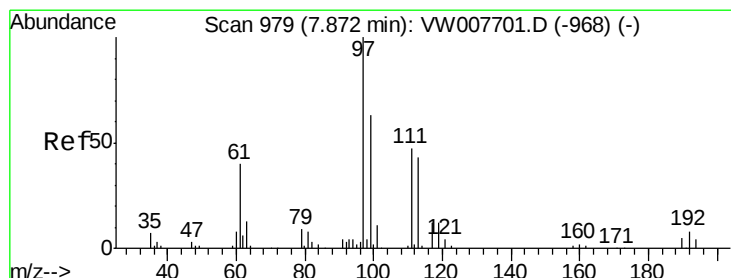
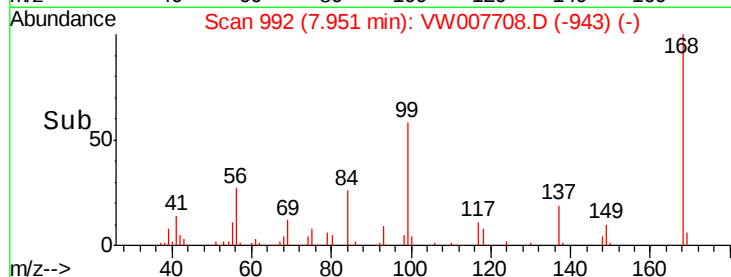
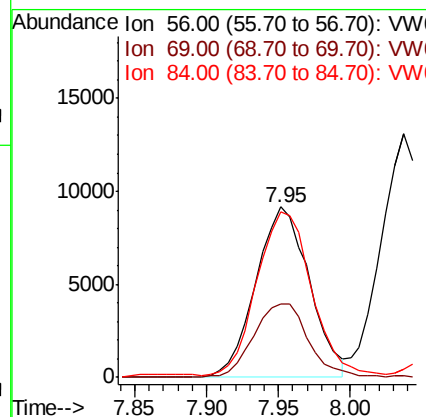
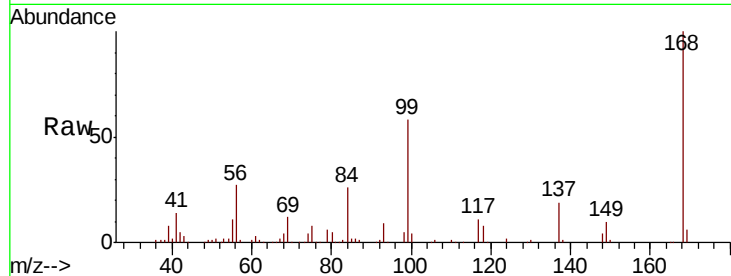
#31
Cyclohexane
Concen: 19.155 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW007708.D
Acq: 19 Dec 2018 19:10

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	42.9	29.7	44.5
84	95.0	78.9	118.3

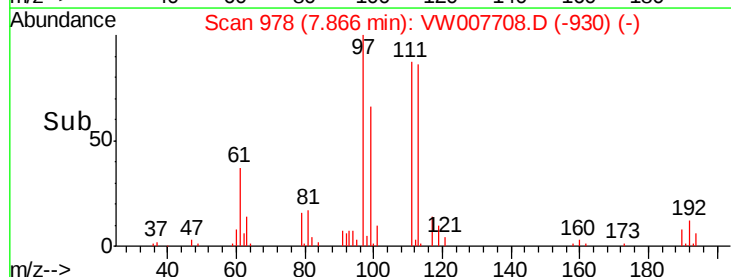
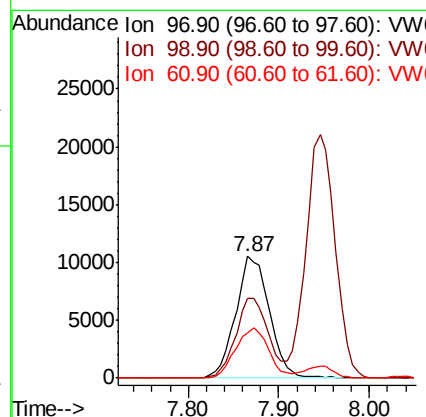
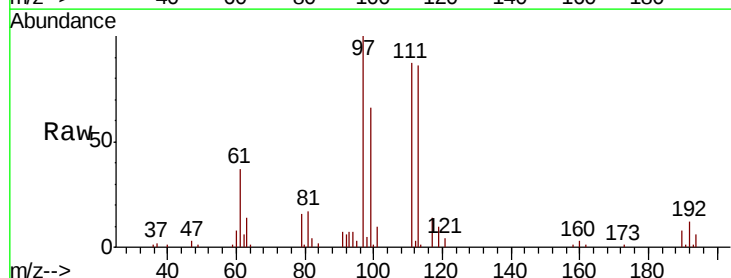
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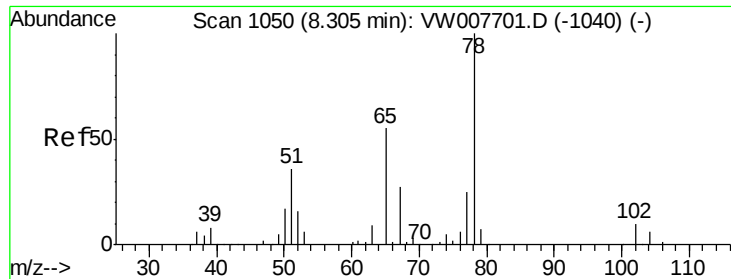
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#32
1,1,1-Trichloroethane
Concen: 19.504 ug/l
RT: 7.87 min Scan# 978
Delta R.T. -0.01 min
Lab File: VW007708.D
Acq: 19 Dec 2018 19:10

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.7	50.6	76.0
61	40.8	32.3	48.5





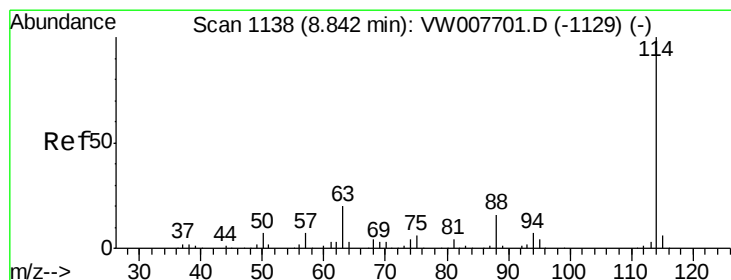
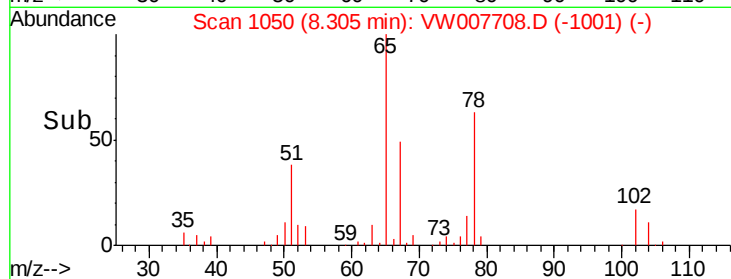
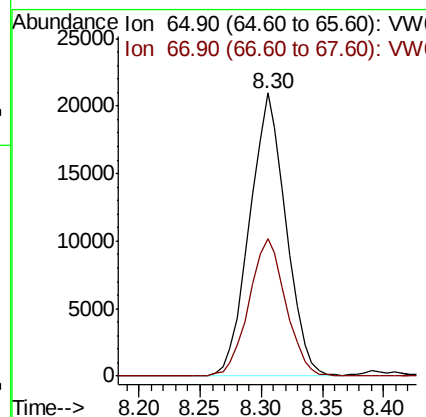
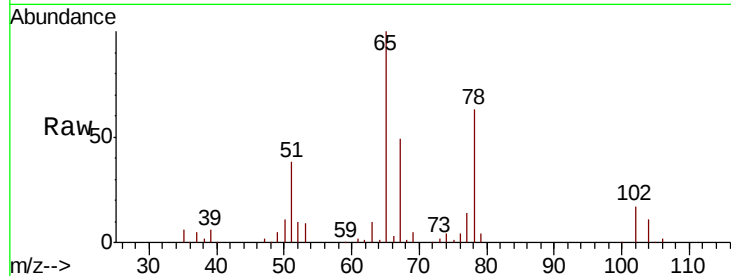
#33
 1,2-Dichloroethane-d4
 Concen: 52.238 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007708.D
 Acq: 19 Dec 2018 19:10

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1221SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	43365		
67	49.2	0.0	100.6	

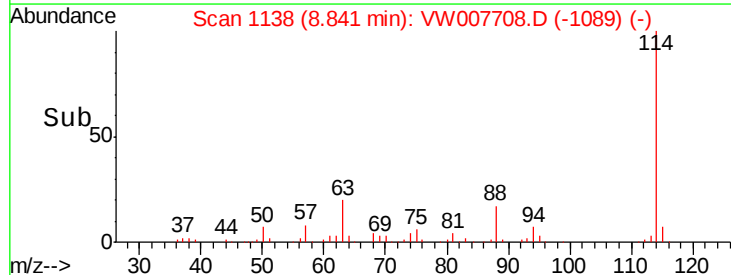
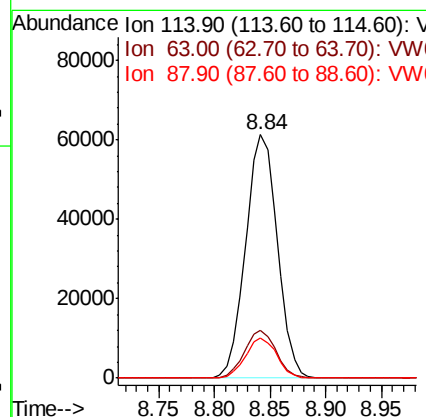
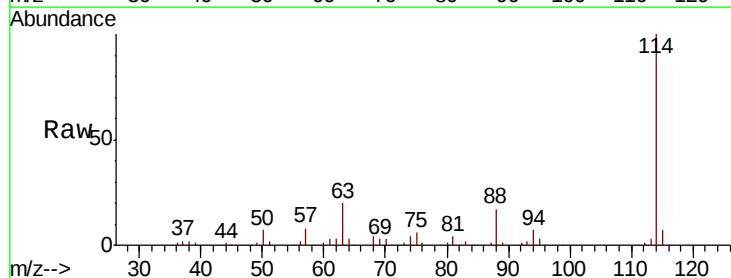
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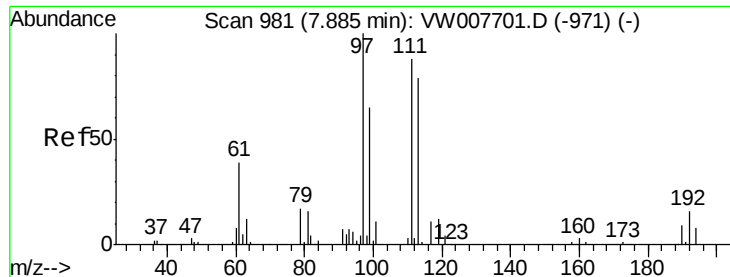
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007708.D
 Acq: 19 Dec 2018 19:10

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	121453		
63	19.9	0.0	40.0	
88	16.6	0.0	32.6	





#35

Dibromofluoromethane

Concen: 52.138 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW007708.D

Acq: 19 Dec 2018 19:10

Instrument :

MSVOA_W

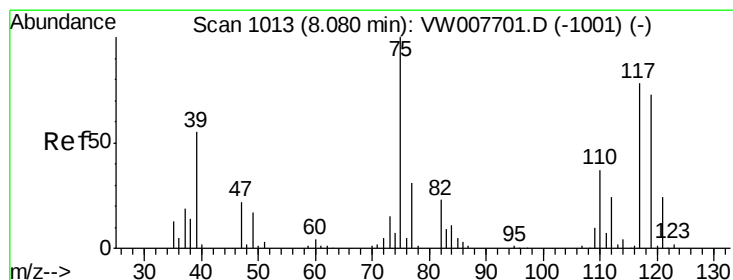
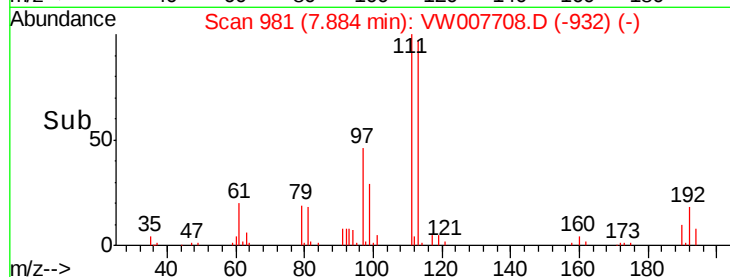
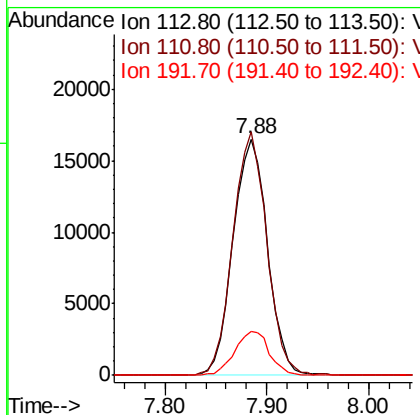
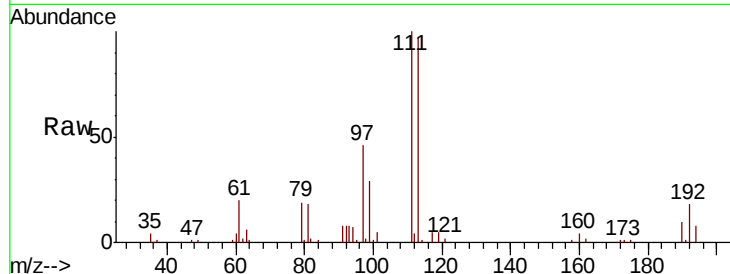
ClientSampleId :

VW1221SBSD01

Tot Ion:	113	Resp:	38630
Ion	Ratio	Lower	Upper
113	100		
111	101.2	82.6	124.0
192	18.4	15.5	23.3

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#36

1,1-Dichloropropene

Concen: 19.264 ug/l

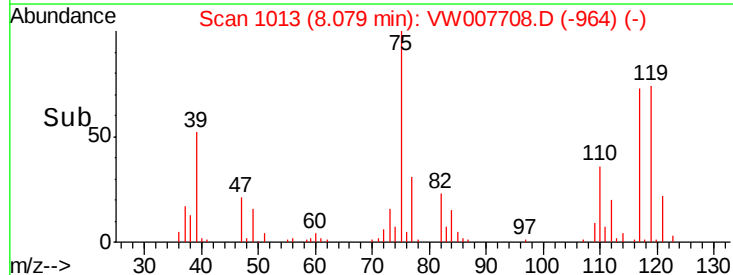
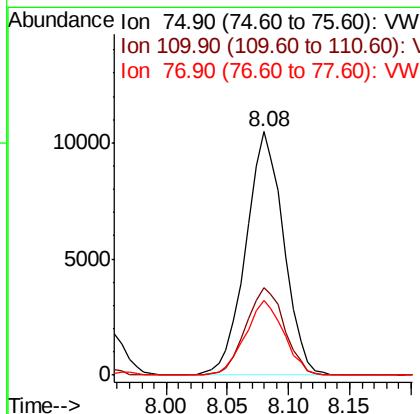
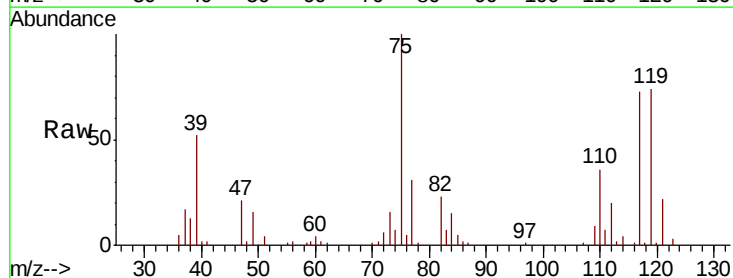
RT: 8.08 min Scan# 1013

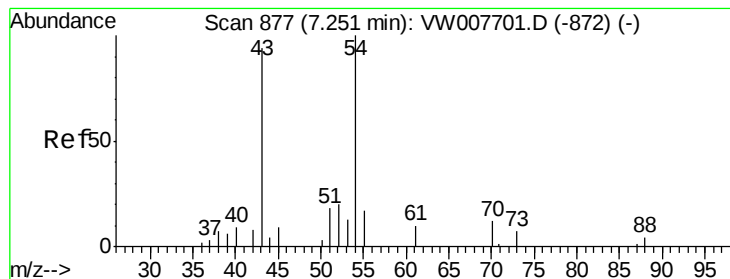
Delta R.T. -0.00 min

Lab File: VW007708.D

Acq: 19 Dec 2018 19:10

Tgt Ion:	75	Resp:	22582
Ion	Ratio	Lower	Upper
75	100		
110	36.7	18.6	55.8
77	31.2	25.0	37.4





#37

Ethyl Acetate

Concen: 19.706 ug/l

RT: 7.25 min Scan# 877

Delta R.T. -0.00 min

Lab File: VW007708.D

Acq: 19 Dec 2018 19:10

Instrument :

MSVOA_W

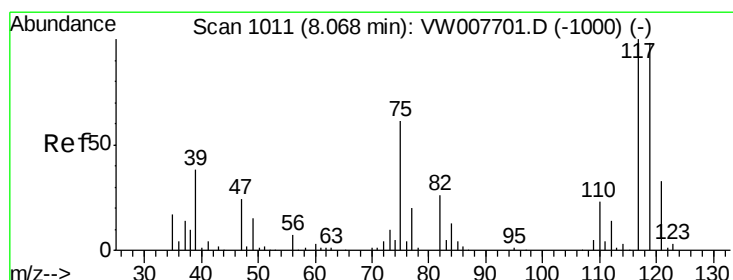
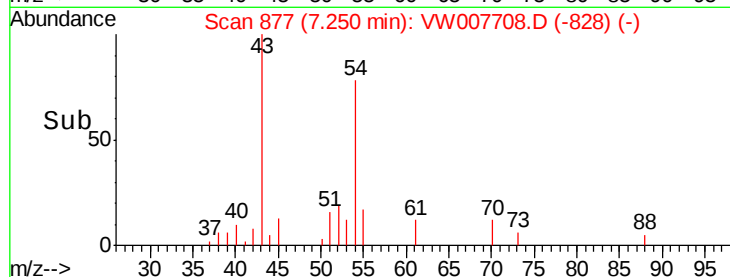
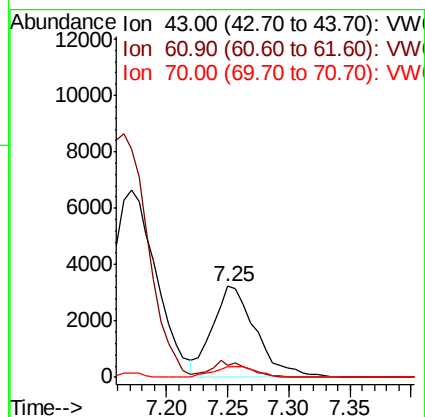
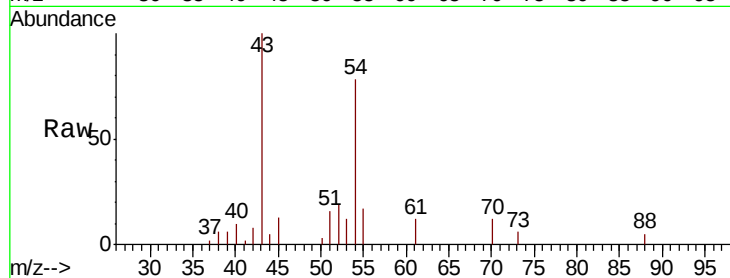
ClientSampleId :

VW1221SBS01

Tot Ion:	43	Resp:	7972
Ion	Ratio	Lower	Upper
43	100		
61	15.1	11.2	16.8
70	11.7	9.3	13.9

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#38

Carbon Tetrachloride

Concen: 19.269 ug/l

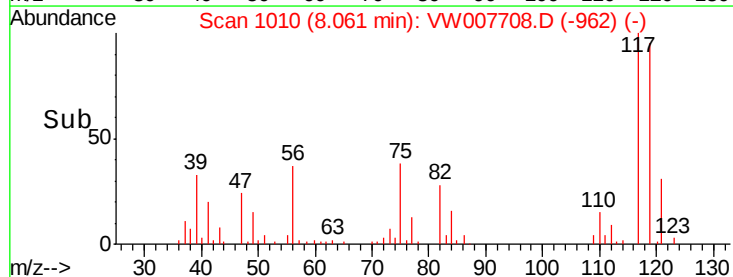
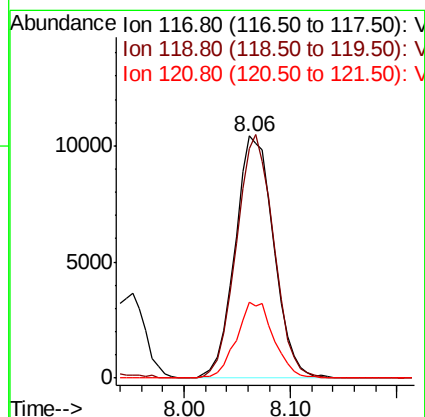
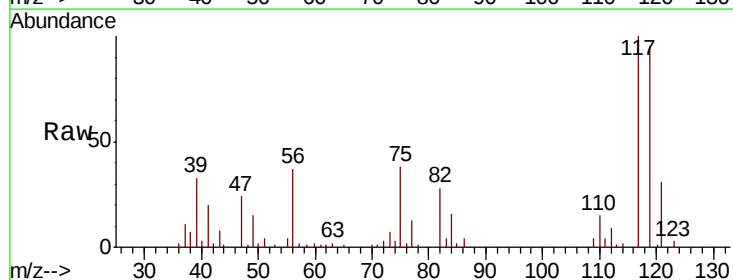
RT: 8.06 min Scan# 1010

Delta R.T. -0.01 min

Lab File: VW007708.D

Acq: 19 Dec 2018 19:10

Tgt Ion:	117	Resp:	26602
Ion	Ratio	Lower	Upper
117	100		
119	94.9	78.2	117.2
121	31.2	26.1	39.1





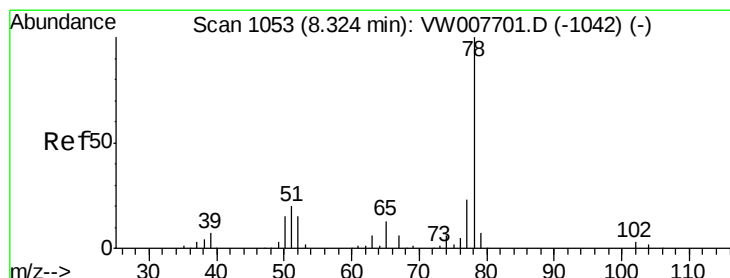
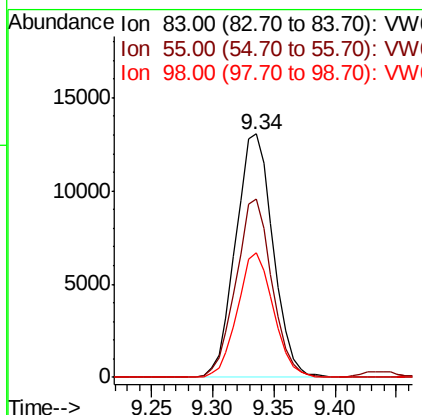
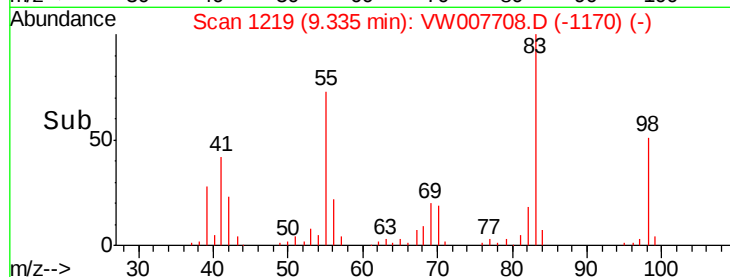
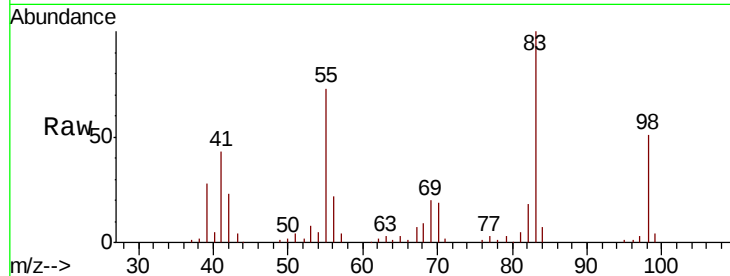
#39
Methvlcvclohexane
Concen: 19.023 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007708.D
Acq: 19 Dec 2018 19:10

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.2	57.2	85.8
98	51.2	38.6	58.0

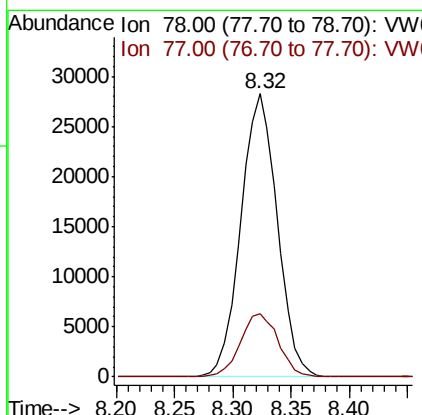
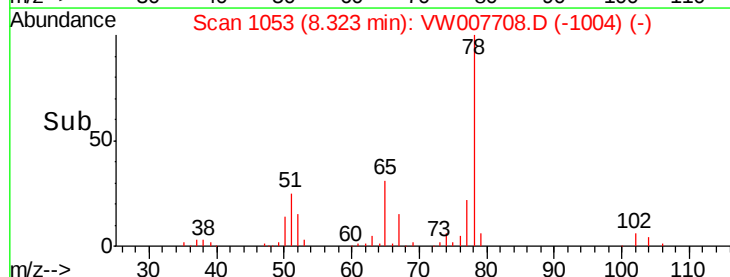
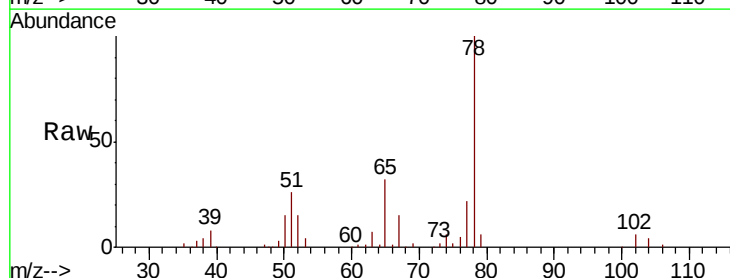
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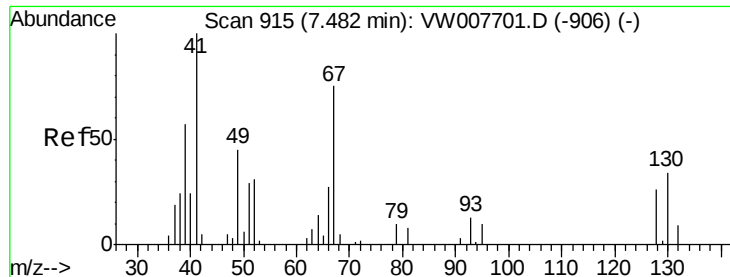
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#40
Benzene
Concen: 19.705 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW007708.D
Acq: 19 Dec 2018 19:10

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.5	18.7	28.1





#41

Methacrylonitrile

Concen: 19.653 ug/l

RT: 7.48 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW007708.D

Acq: 19 Dec 2018 19:10

Instrument :

MSVOA_W

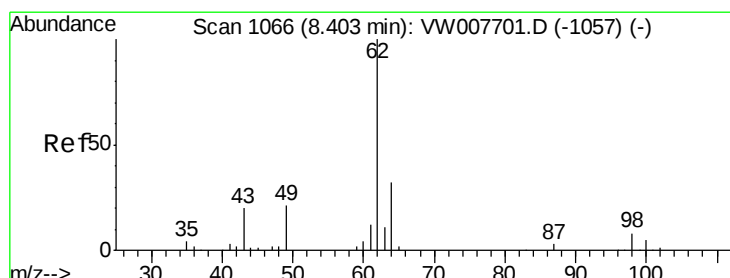
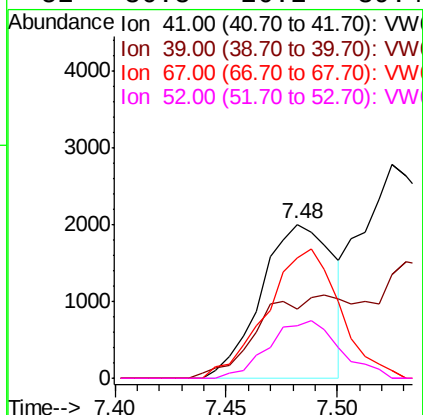
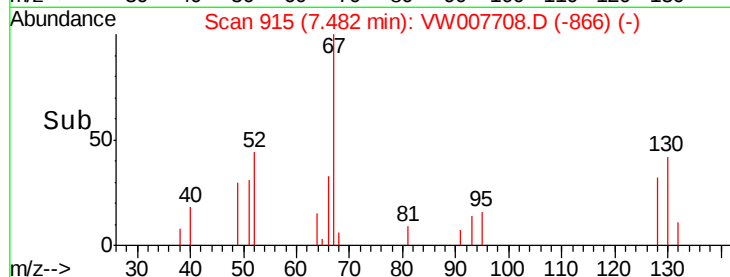
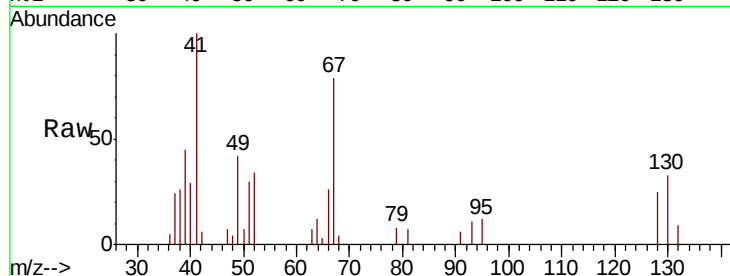
ClientSampleId :

VW1221SBSD01

Tot Ion:	41	Resp:	4514
Ion	Ratio	Lower	Upper
41	100		
39	67.7	54.2	81.4
67	84.9	65.7	98.5
52	36.8	26.2	39.4

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#42

1,2-Dichloroethane

Concen: 20.278 ug/l

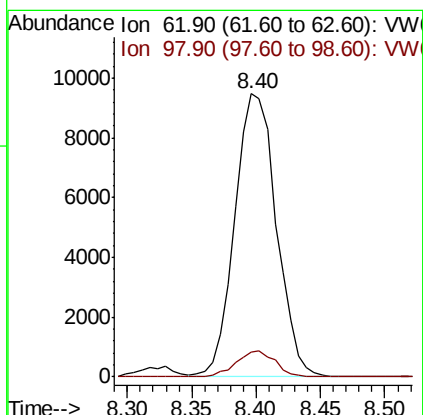
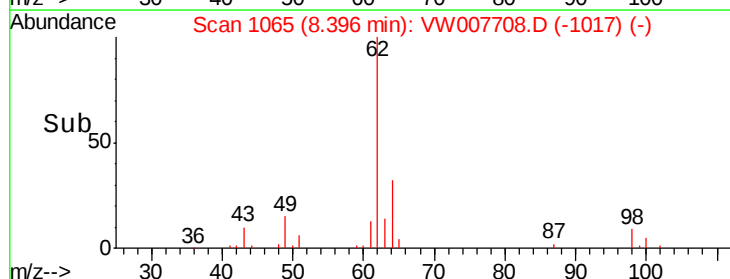
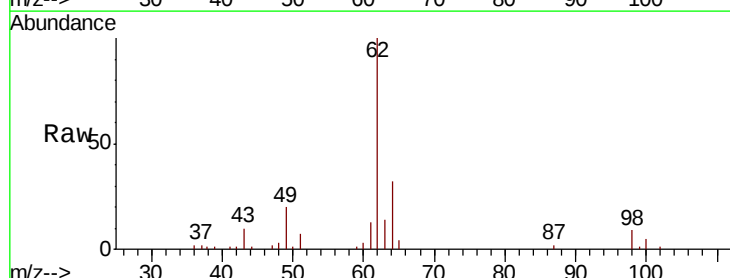
RT: 8.40 min Scan# 1065

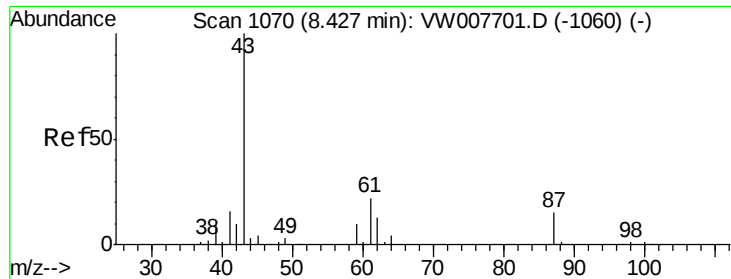
Delta R.T. -0.01 min

Lab File: VW007708.D

Acq: 19 Dec 2018 19:10

Tgt Ion:	62	Resp:	21257
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	16.6





#43

Isopropyl Acetate

Concen: 19.277 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW007708.D

Acq: 19 Dec 2018 19:10

Instrument :

MSVOA_W

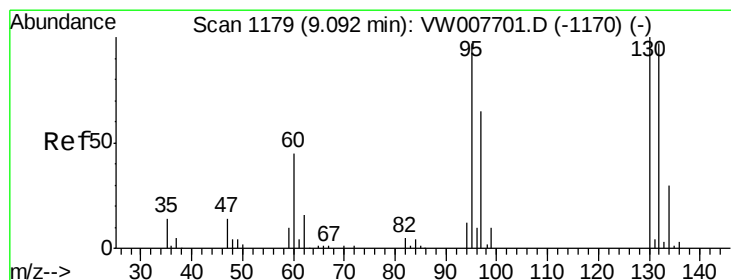
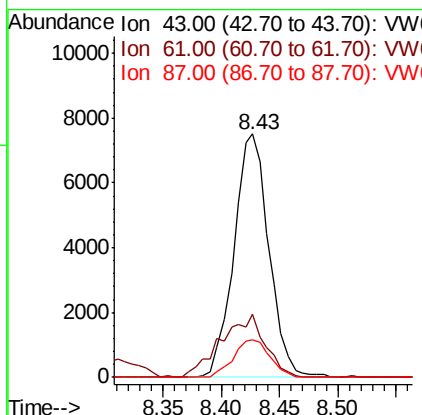
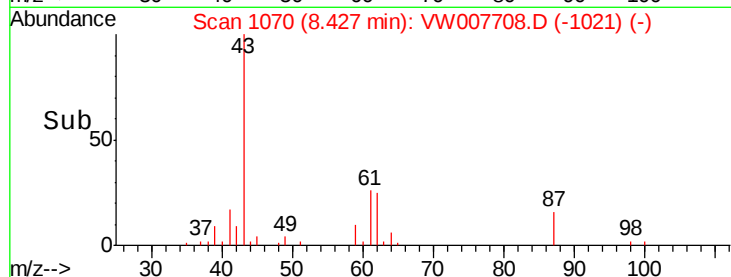
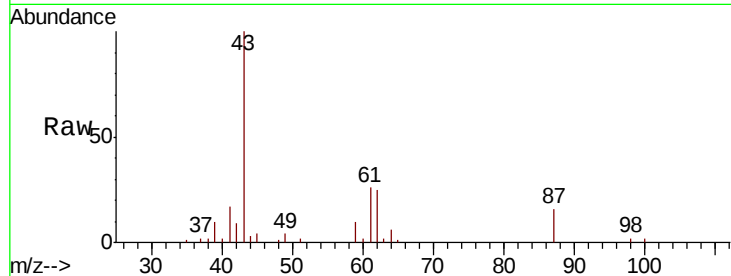
ClientSampleId :

VW1221SBSD01

Tot Ion:	43	Resp:	15624
Ion	Ratio	Lower	Upper
43	100		
61	32.9	26.3	39.5
87	16.0	12.0	18.0

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#44

Trichloroethene

Concen: 19.573 ug/l

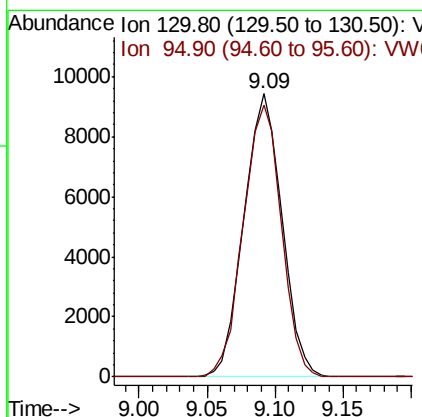
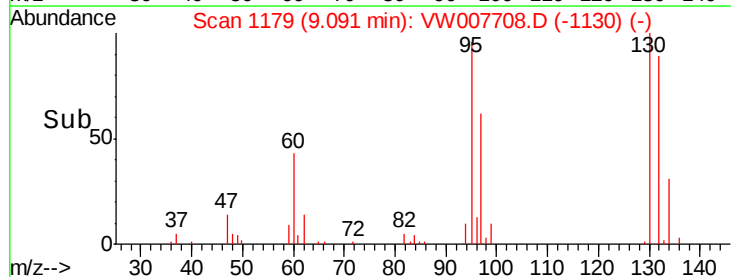
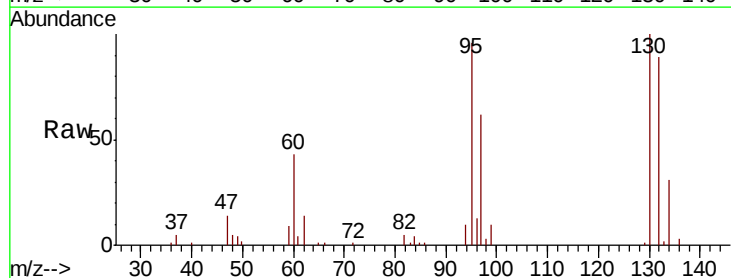
RT: 9.09 min Scan# 1179

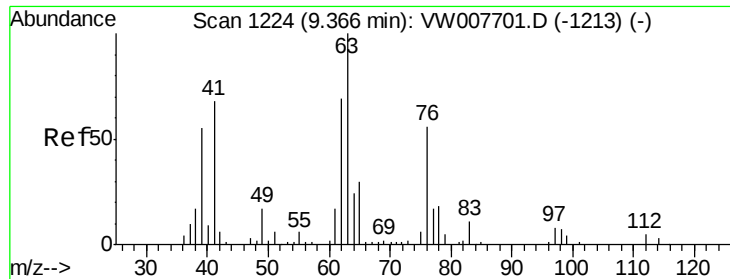
Delta R.T. -0.00 min

Lab File: VW007708.D

Acq: 19 Dec 2018 19:10

Tgt Ion:	130	Resp:	18516
Ion	Ratio	Lower	Upper
130	100		
95	95.9	0.0	194.8





#45

1,2-Dichloropropane

Concen: 19.652 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW007708.D

Acq: 19 Dec 2018 19:10

Instrument :

MSVOA_W

ClientSampleId :

VW1221SBS01

Tot Ion: 63 Resp: 13640

Ion Ratio Lower Upper

63 100

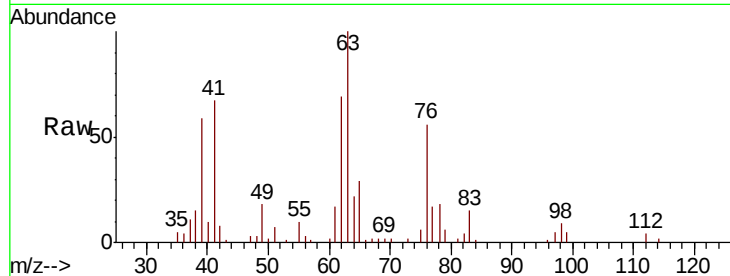
65 29.0 23.8 35.8

Manual Integrations

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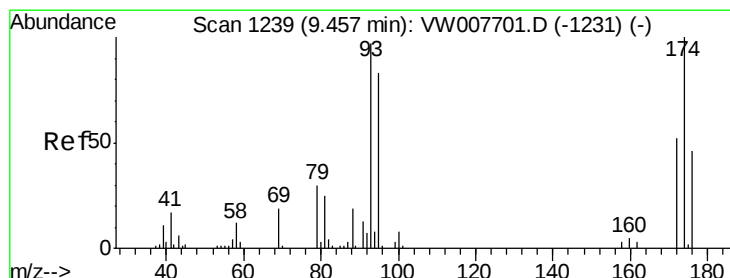
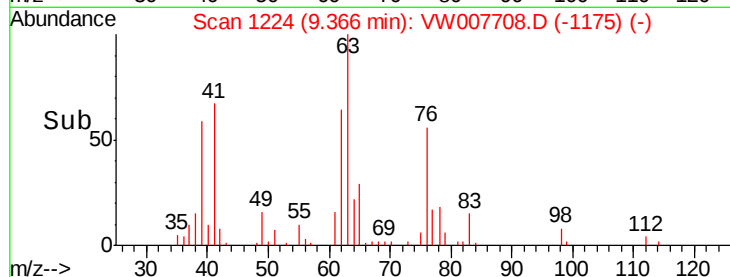
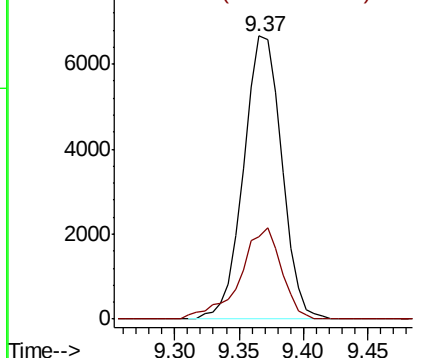
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Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#46

Dibromomethane

Concen: 20.051 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW007708.D

Acq: 19 Dec 2018 19:10

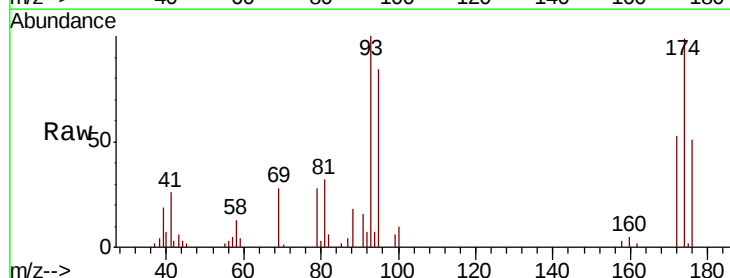
Tgt Ion: 93 Resp: 8567

Ion Ratio Lower Upper

93 100

95 83.7 67.5 101.3

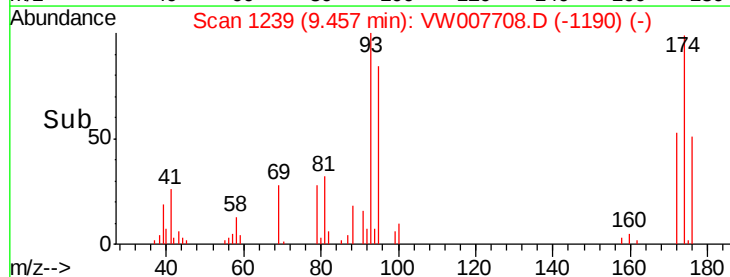
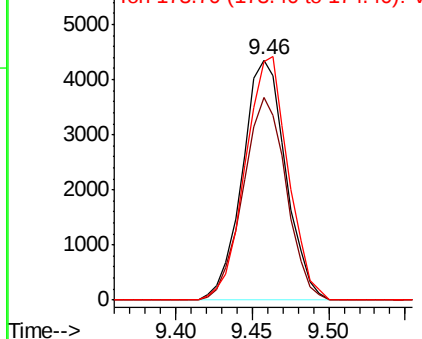
174 100.4 83.9 125.9

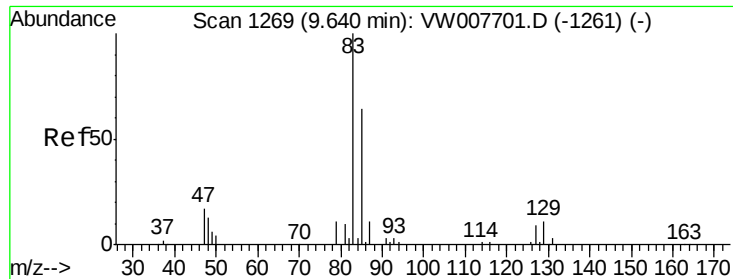


Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V





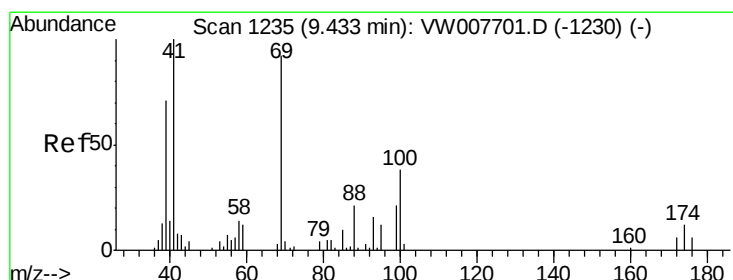
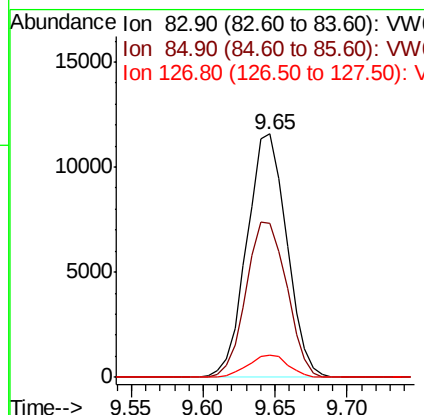
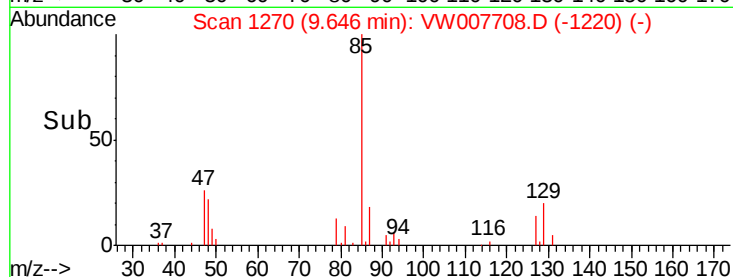
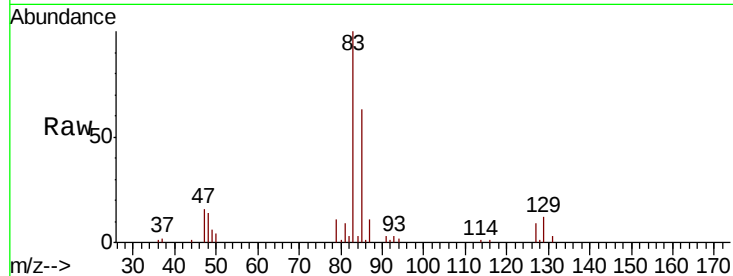
#47
Bromodichloromethane
Concen: 19.706 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.01 min
Lab File: VW007708.D
Acq: 19 Dec 2018 19:10

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	22135		
85	63.0		51.4	77.0
127	8.9		7.5	11.3

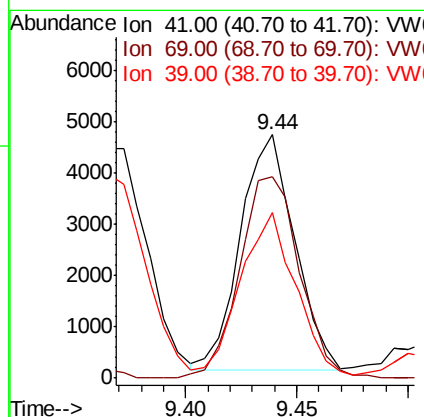
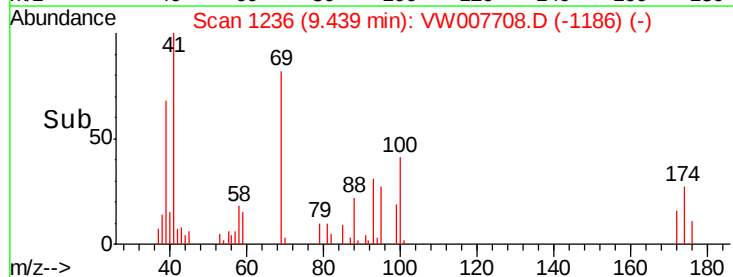
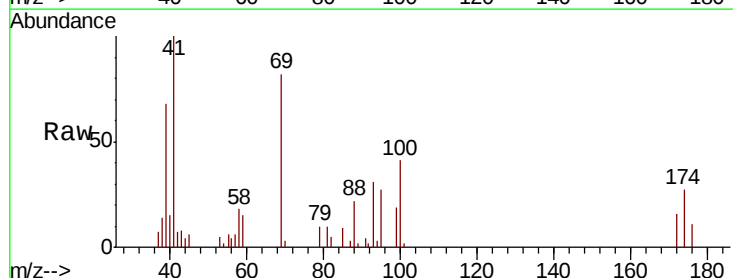
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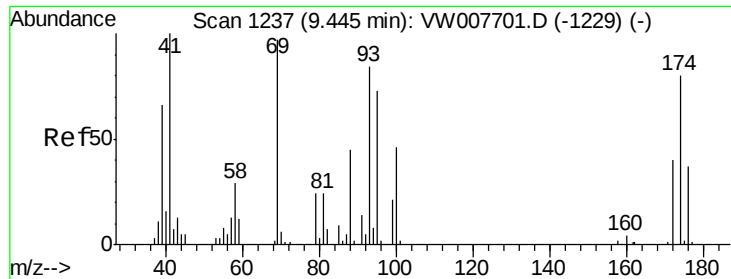
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#48
Methyl methacrylate
Concen: 19.398 ug/l m
RT: 9.44 min Scan# 1236
Delta R.T. 0.01 min
Lab File: VW007708.D
Acq: 19 Dec 2018 19:10

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	7848		
69	94.3		74.2	111.2
39	72.9		53.9	80.9





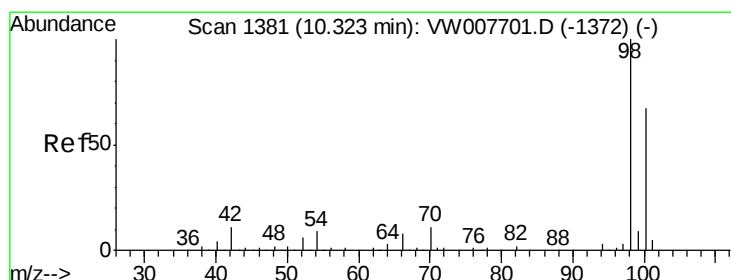
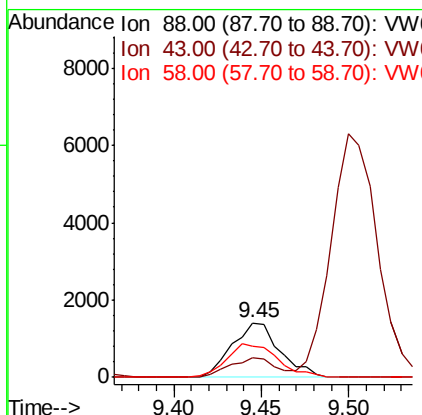
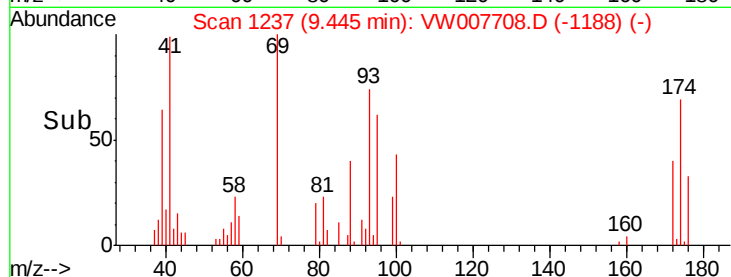
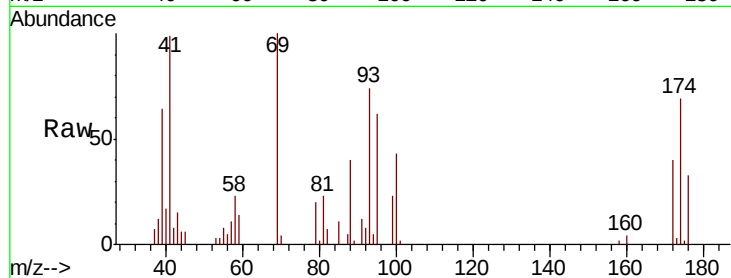
#49
1,4-Dioxane
Concen: 393.852 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VW007708.D
Acq: 19 Dec 2018 19:10

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.9	25.6	38.4
58	65.4	52.3	78.5

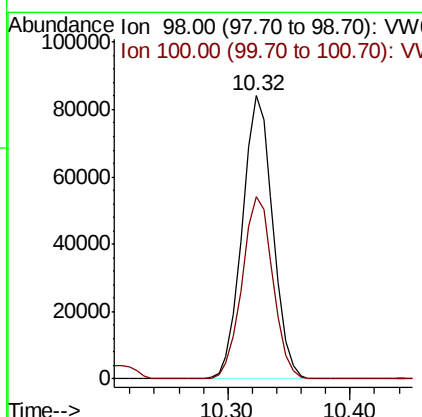
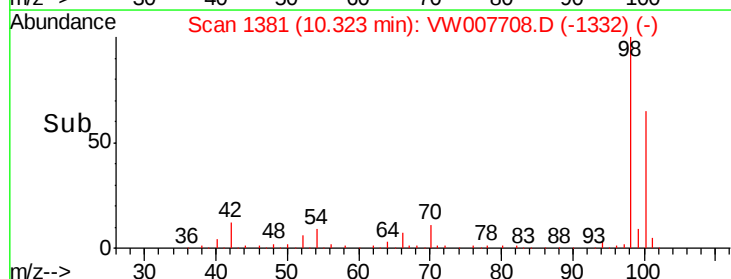
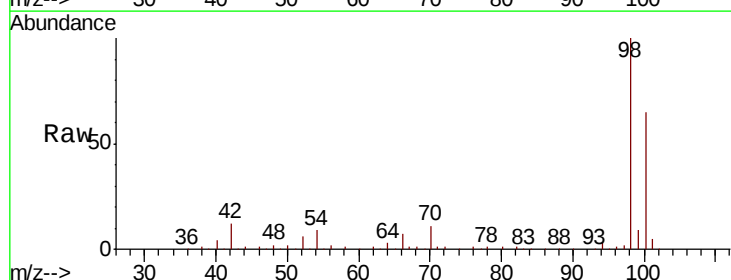
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#50
Toluene-d8
Concen: 52.137 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007708.D
Acq: 19 Dec 2018 19:10

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 101.568 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW007708.D

Acq: 19 Dec 2018 19:10

Instrument :

MSVOA_W

ClientSampleId :

VW1221SBSD01

Tot Ion: 43 Resp: 38905

Ion Ratio Lower Upper

43 100

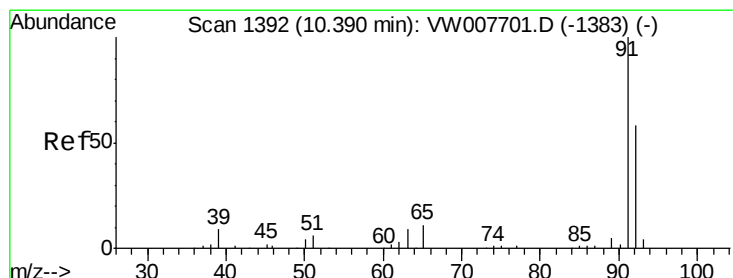
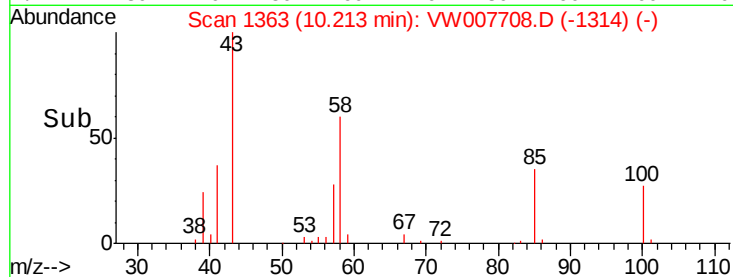
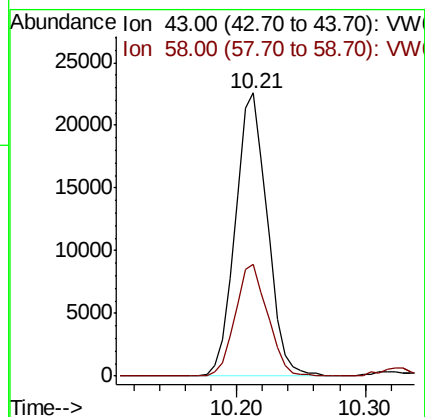
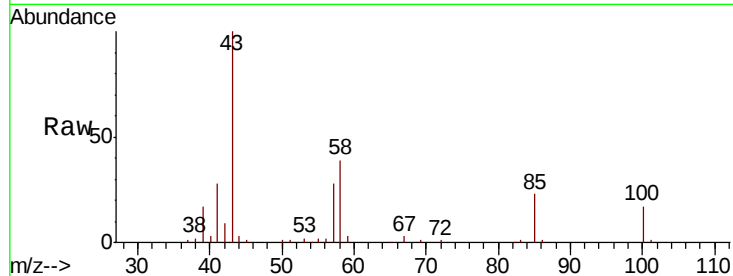
58 40.1 33.2 49.8

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#52

Toluene

Concen: 19.862 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007708.D

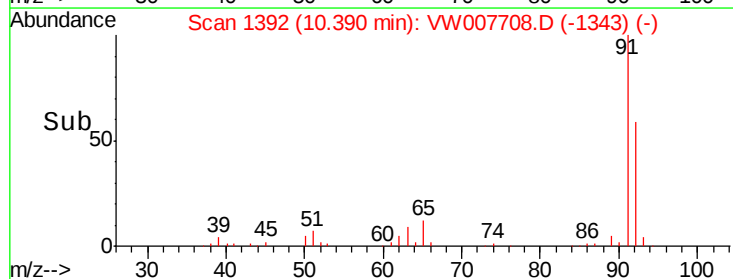
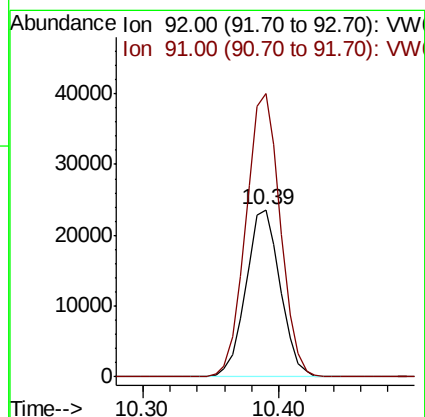
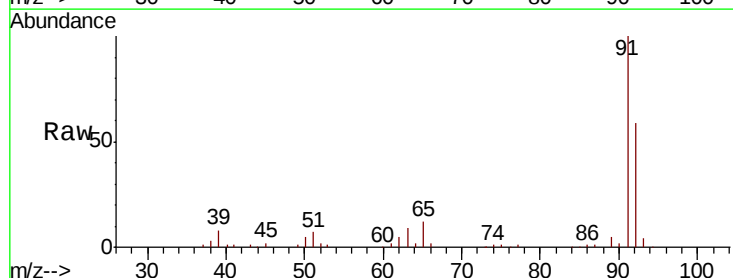
Acq: 19 Dec 2018 19:10

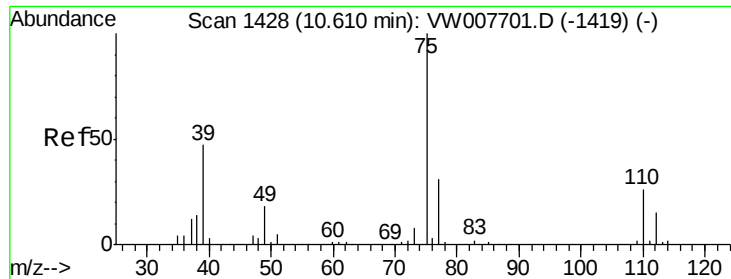
Tgt Ion: 92 Resp: 41685

Ion Ratio Lower Upper

92 100

91 169.7 137.0 205.4





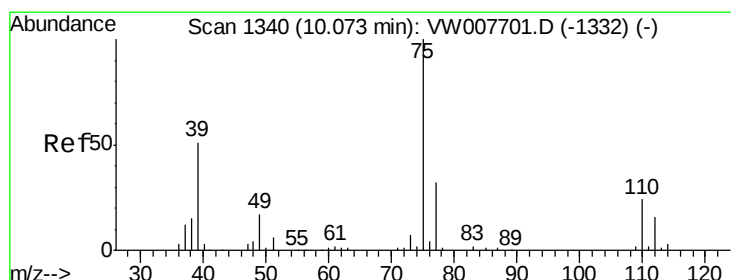
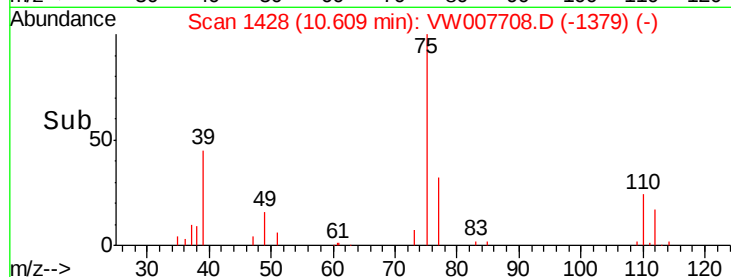
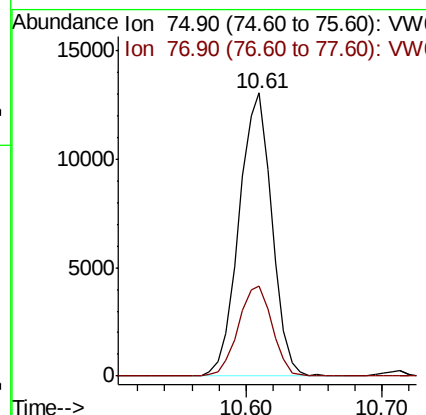
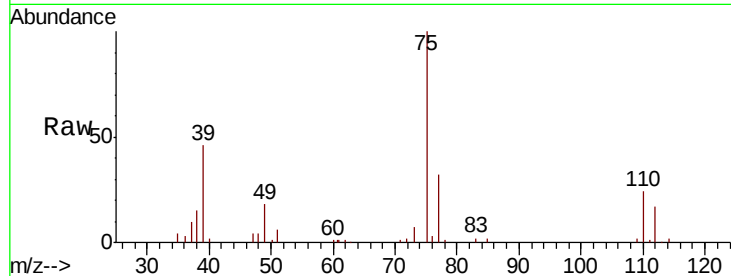
#53
 t-1,3-Dichloropropene
 Concen: 19.599 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. -0.00 min
 Lab File: VW007708.D
 Acq: 19 Dec 2018 19:10

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1221SBS01

Tot Ion: 75 Resp: 21897
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.2 37.8

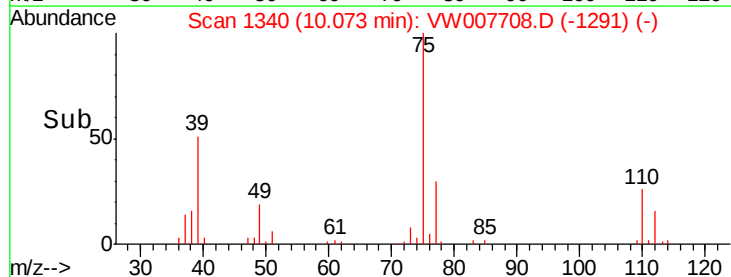
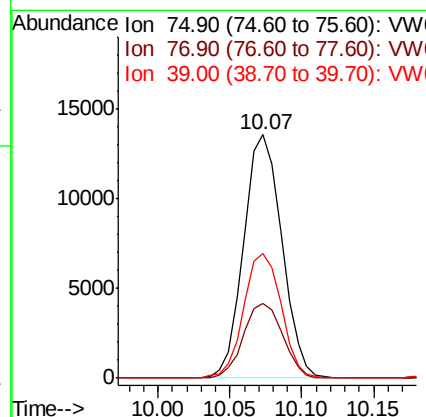
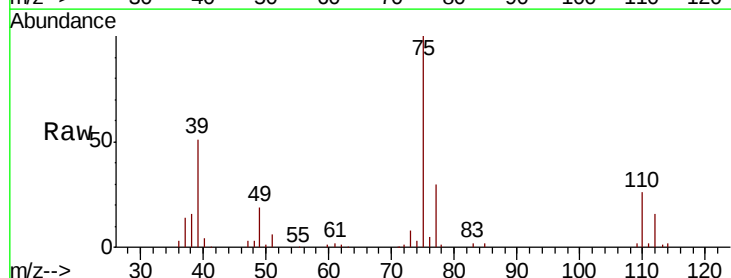
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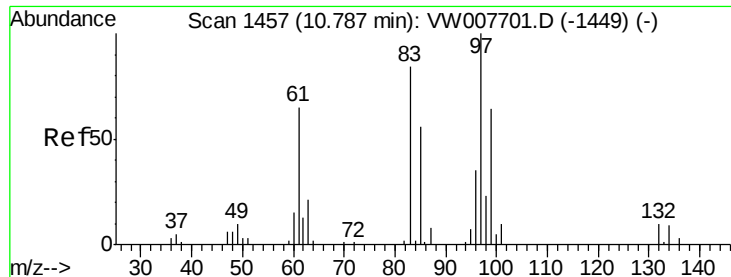
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#54
 cis-1,3-Dichloropropene
 Concen: 20.197 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW007708.D
 Acq: 19 Dec 2018 19:10

Tgt Ion: 75 Resp: 24925
 Ion Ratio Lower Upper
 75 100
 77 30.4 25.5 38.3
 39 51.2 41.2 61.8





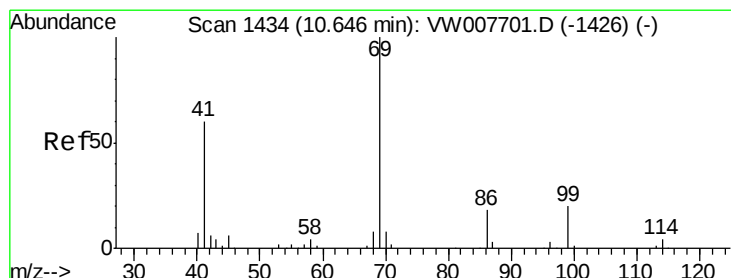
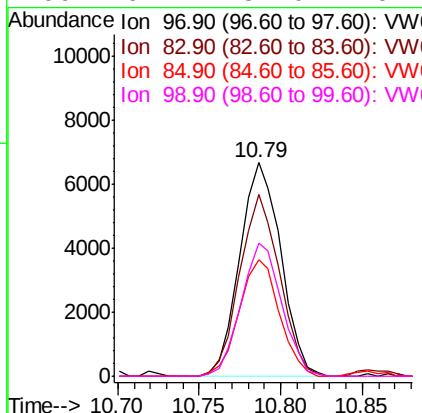
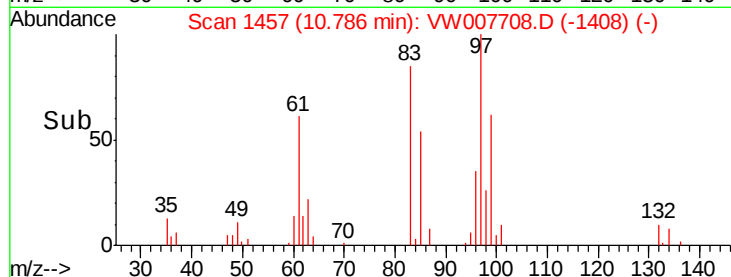
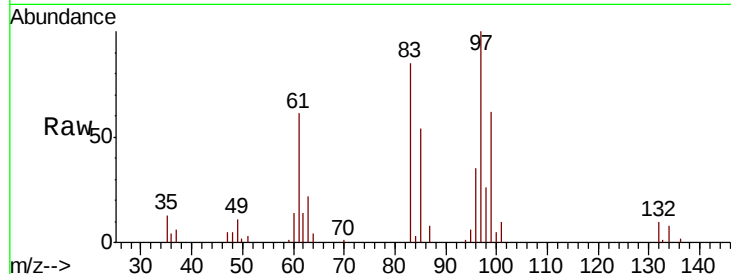
#55
 1,1,2-Trichloroethane
 Concen: 19.843 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW007708.D
 Acq: 19 Dec 2018 19:10

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1221SBSD01

Tot Ion:	97	Resp:	11688
Ion	Ratio	Lower	Upper
97	100		
83	85.1	67.5	101.3
85	54.3	44.8	67.2
99	62.2	51.0	76.4

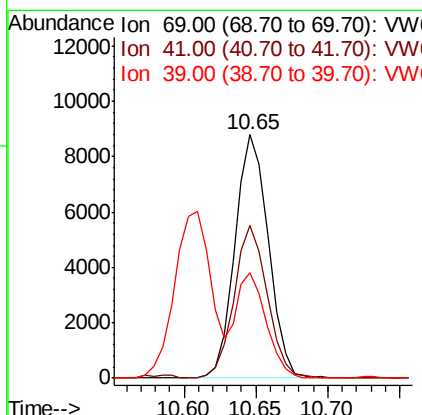
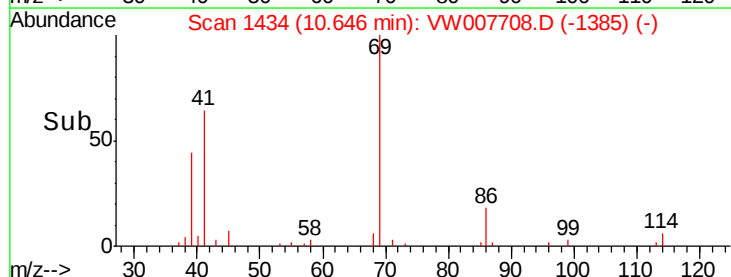
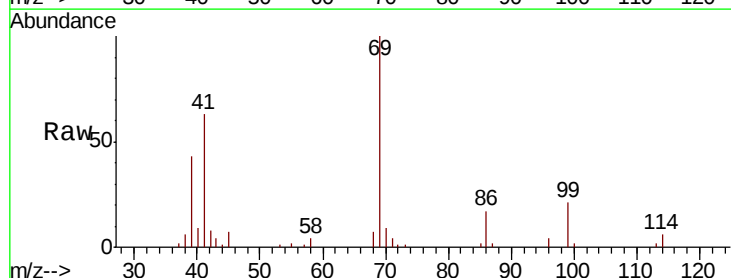
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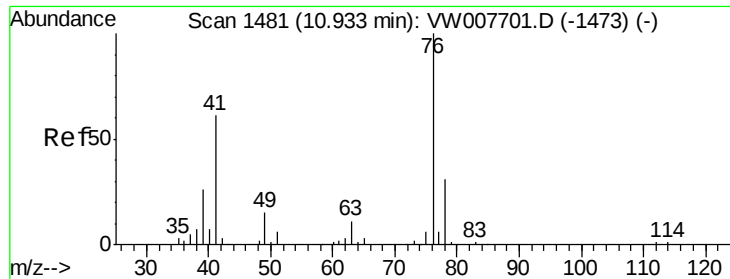
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#56
 Ethyl methacrylate
 Concen: 20.355 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW007708.D
 Acq: 19 Dec 2018 19:10

Tgt Ion:	69	Resp:	14166
Ion	Ratio	Lower	Upper
69	100		
41	62.7	48.9	73.3
39	39.7	31.3	46.9





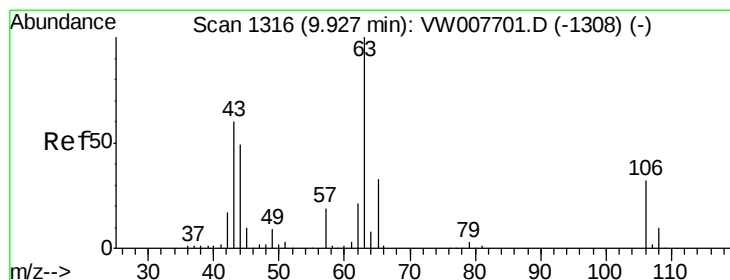
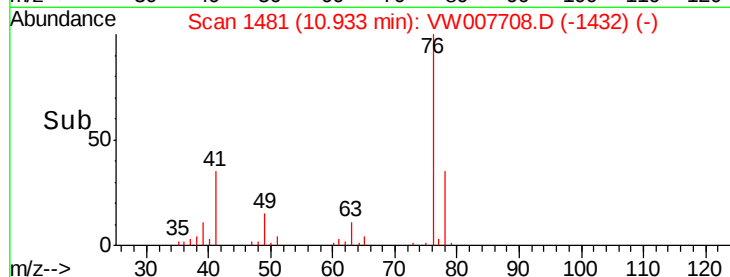
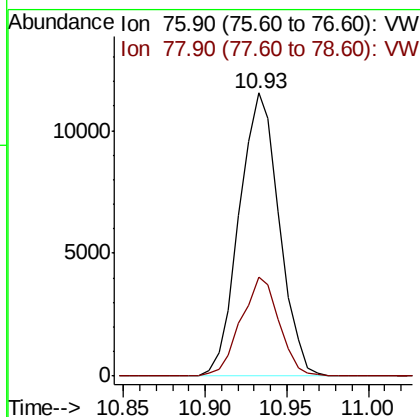
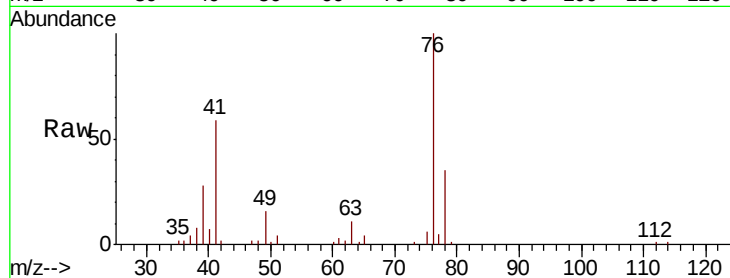
#57
 1,3-Dichloropropane
 Concen: 20.129 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW007708.D
 Acq: 19 Dec 2018 19:10

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1221SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	33.4	26.2	39.2

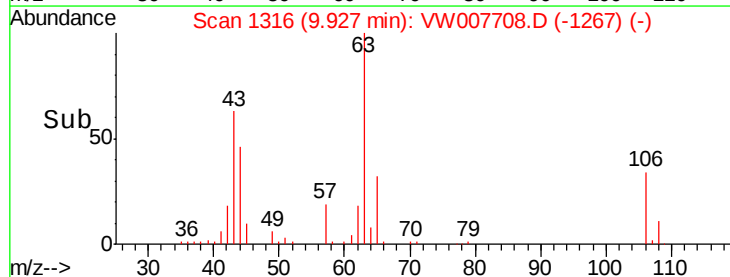
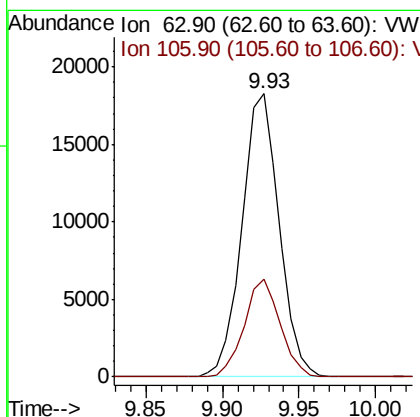
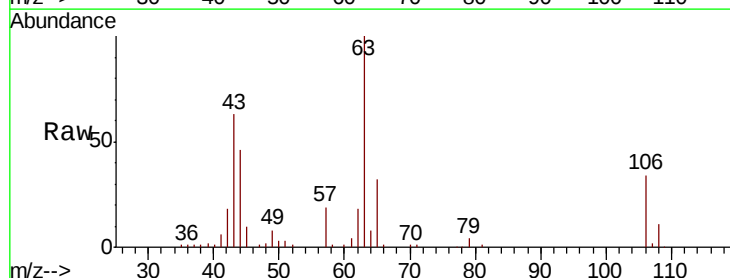
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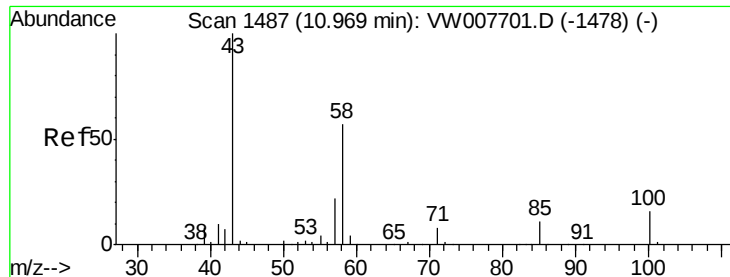
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#58
 2-Chloroethyl Vinyl ether
 Concen: 96.795 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW007708.D
 Acq: 19 Dec 2018 19:10

Tgt Ion	Ratio	Lower	Upper
63	100		
106	33.3	25.9	38.9





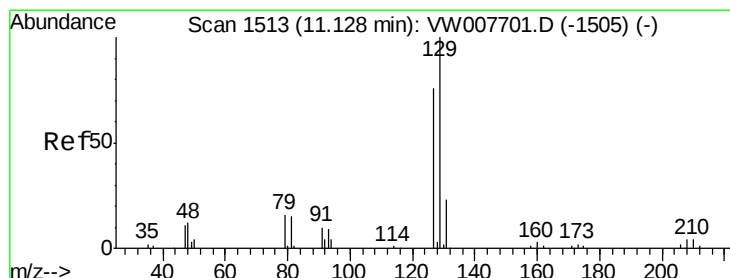
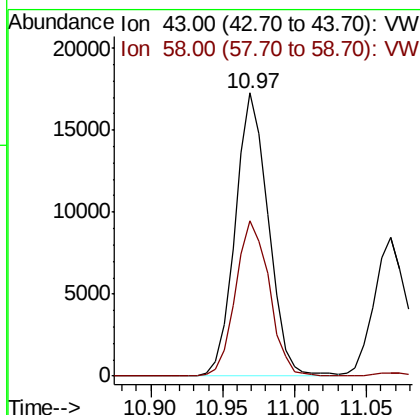
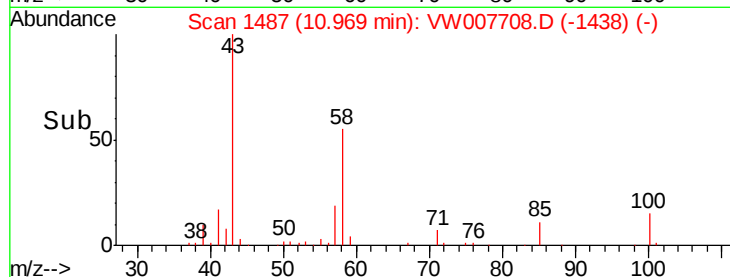
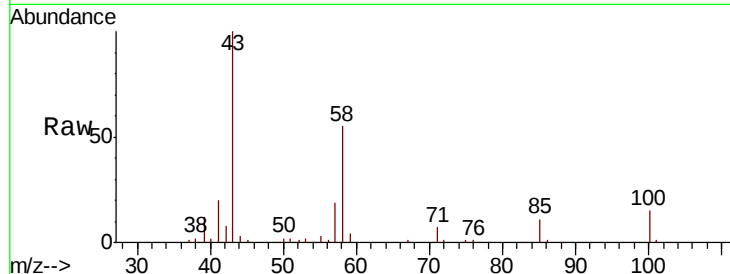
#59
2-Hexanone
Concen: 102.608 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW007708.D
Acq: 19 Dec 2018 19:10

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBSD01

Tot Ion: 43 Resp: 27641
Ion Ratio Lower Upper
43 100
58 55.8 27.7 83.1

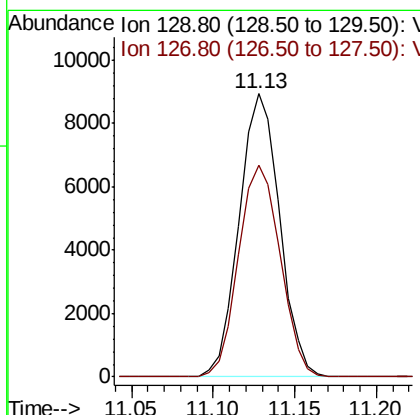
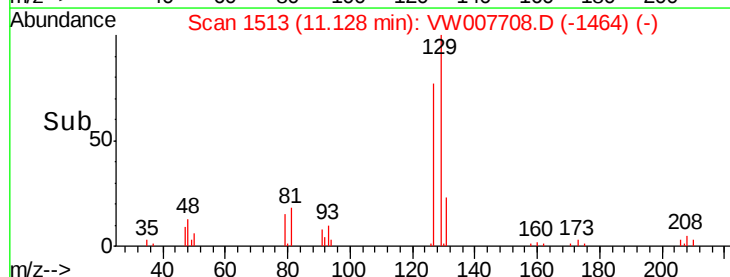
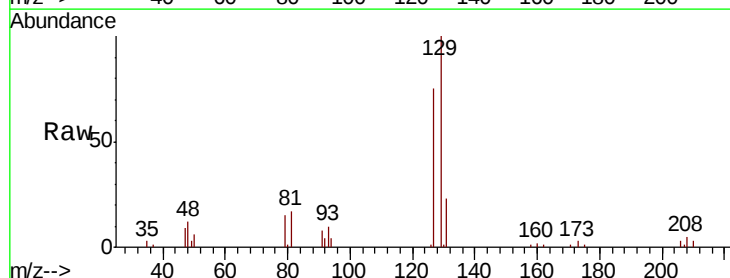
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#60
Dibromochloromethane
Concen: 19.819 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW007708.D
Acq: 19 Dec 2018 19:10

Tgt Ion: 129 Resp: 15457
Ion Ratio Lower Upper
129 100
127 77.0 38.3 114.9





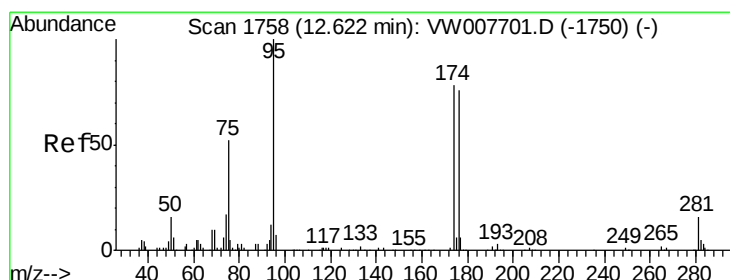
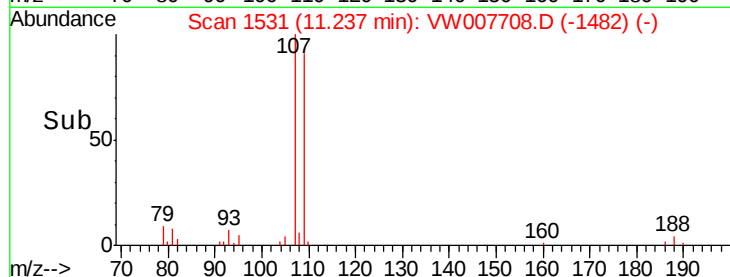
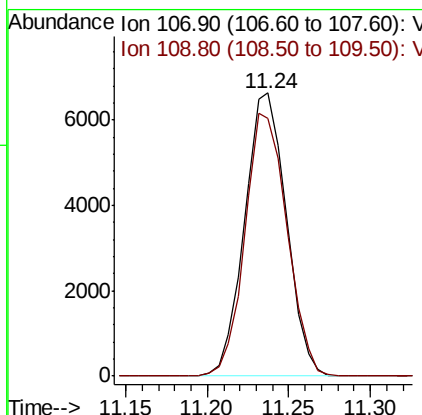
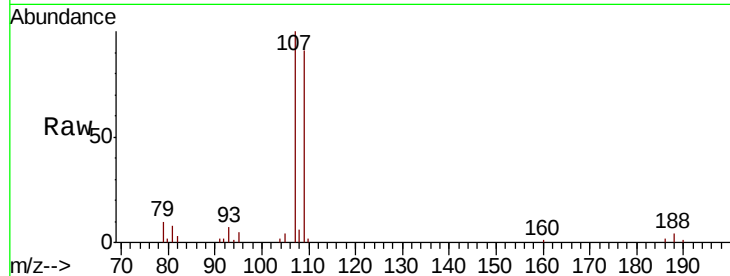
#61
 1,2-Dibromoethane
 Concen: 19.734 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW007708.D
 Acq: 19 Dec 2018 19:10

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1221SBS01

Tot Ion: 107 Resp: 11771
 Ion Ratio Lower Upper
 107 100
 109 93.6 75.4 113.0

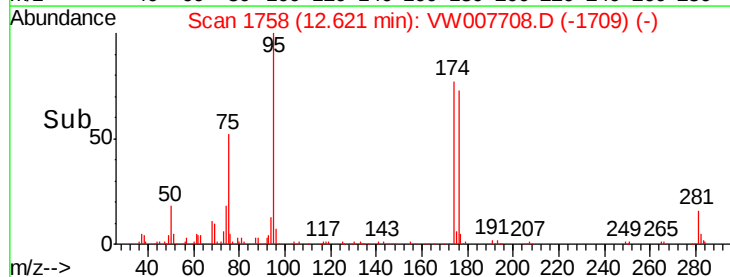
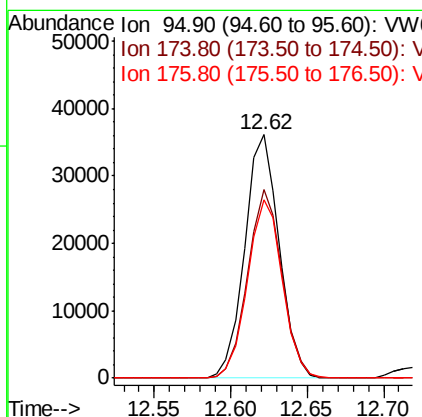
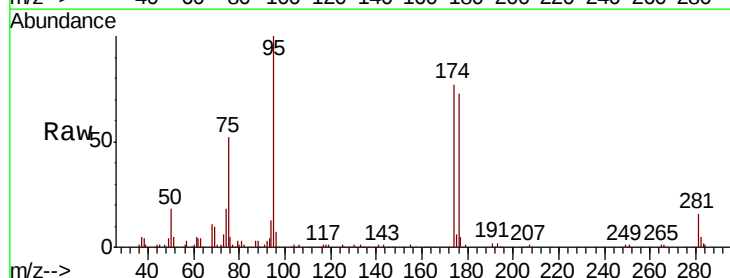
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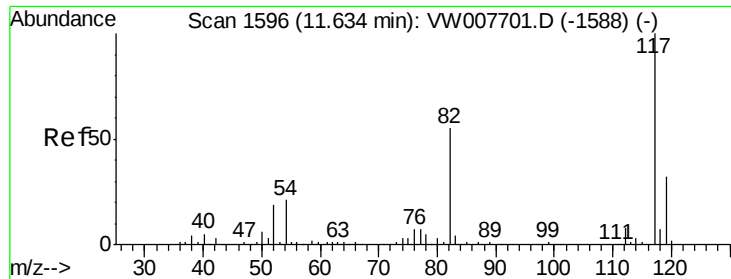
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#62
 4-Bromofluorobenzene
 Concen: 52.270 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW007708.D
 Acq: 19 Dec 2018 19:10

Tgt Ion: 95 Resp: 56403
 Ion Ratio Lower Upper
 95 100
 174 77.3 0.0 152.2
 176 74.4 0.0 146.8





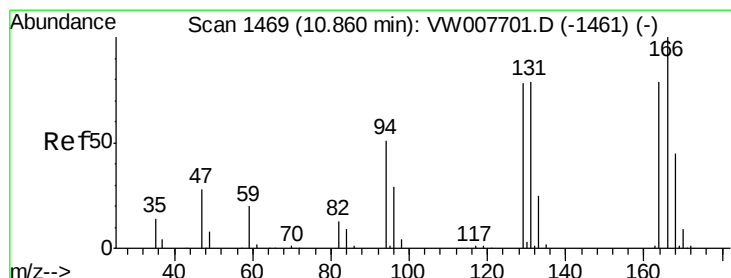
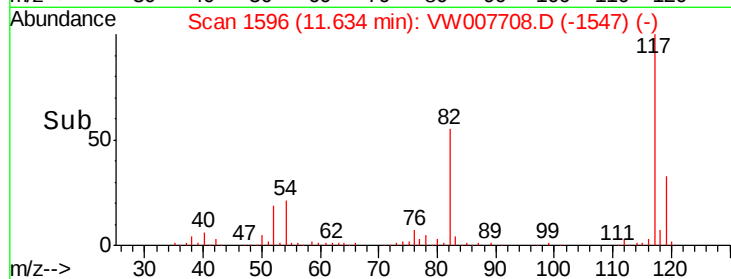
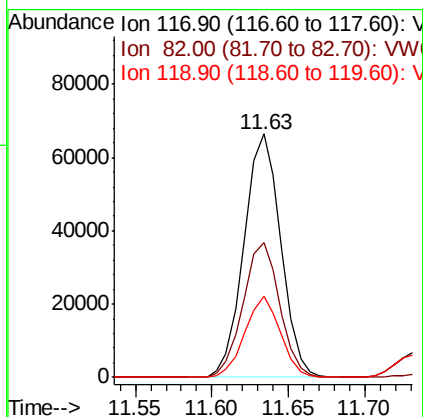
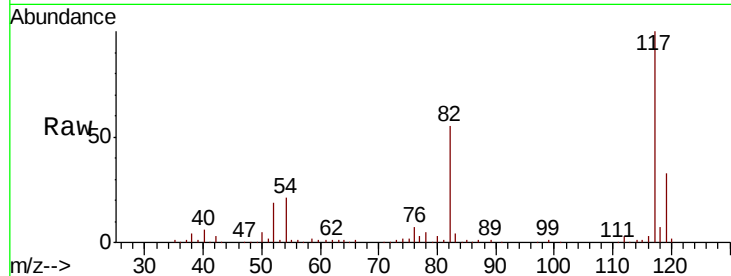
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007708.D
Acq: 19 Dec 2018 19:10

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.5	44.3	66.5
119	33.1	25.7	38.5

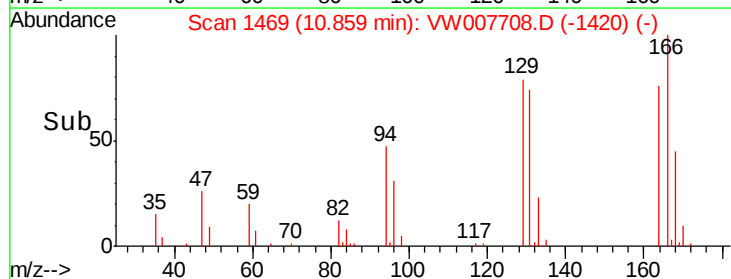
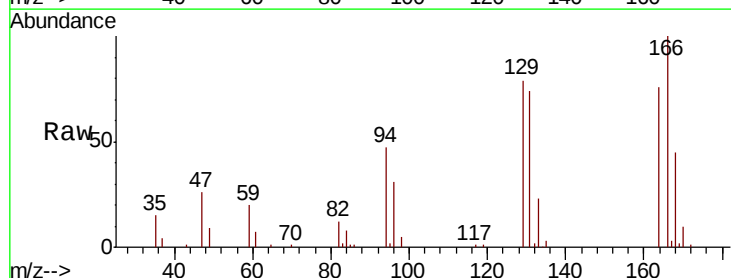
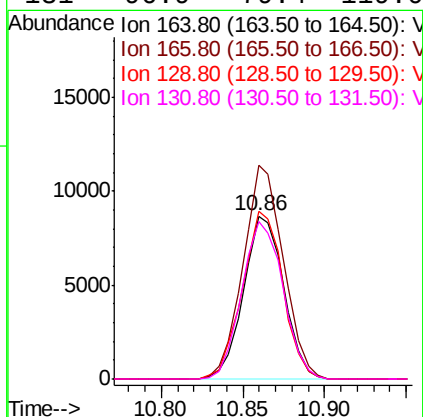
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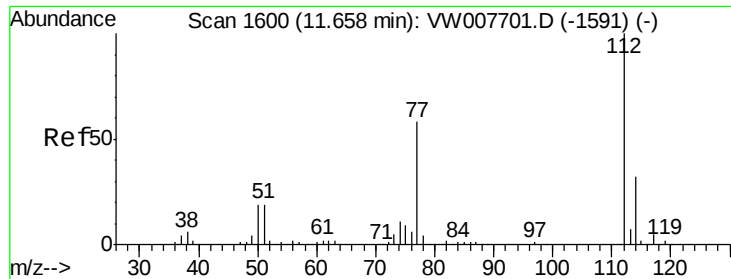
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#64
Tetrachloroethene
Concen: 18.781 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW007708.D
Acq: 19 Dec 2018 19:10

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.1	101.0	151.6
129	103.0	78.7	118.1
131	96.9	79.4	119.0





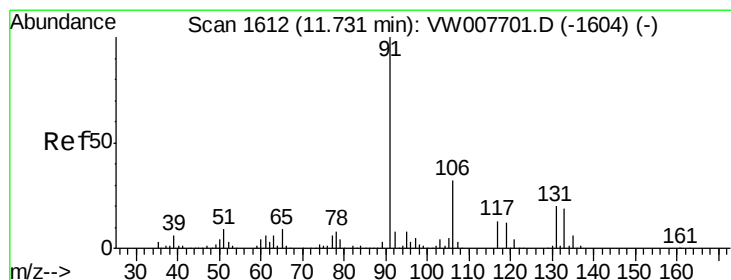
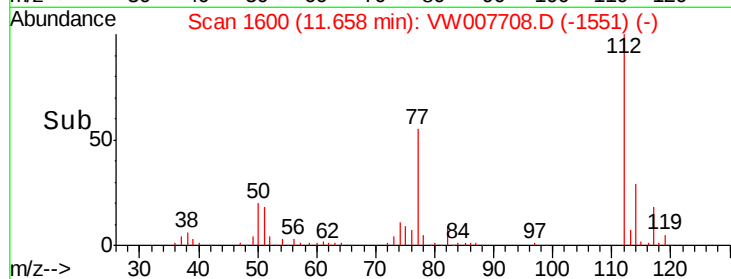
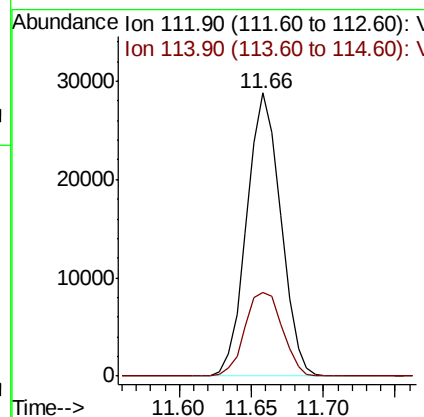
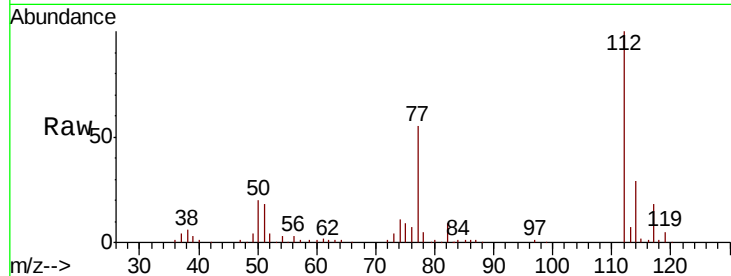
#65
Chlorobenzene
Concen: 19.615 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007708.D
Acq: 19 Dec 2018 19:10

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBSD01

Tot Ion:112 Resp: 47215
Ion Ratio Lower Upper
112 100
114 29.5 25.2 37.8

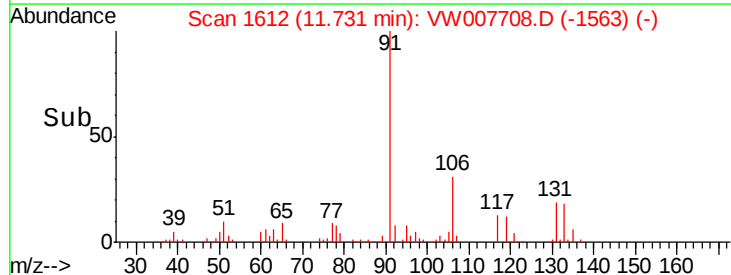
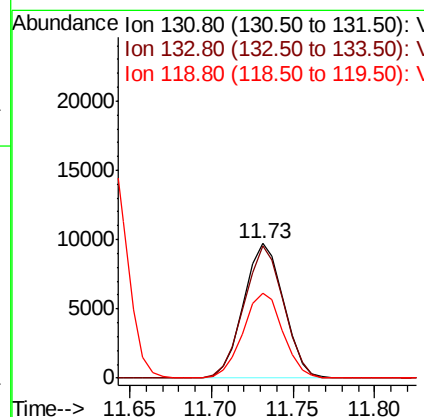
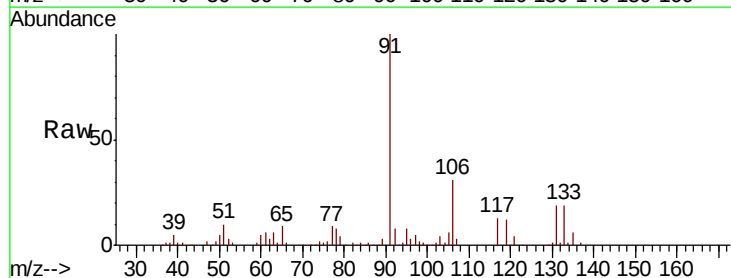
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.357 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007708.D
Acq: 19 Dec 2018 19:10

Tgt Ion:131 Resp: 16649
Ion Ratio Lower Upper
131 100
133 97.3 47.5 142.5
119 63.1 30.2 90.6





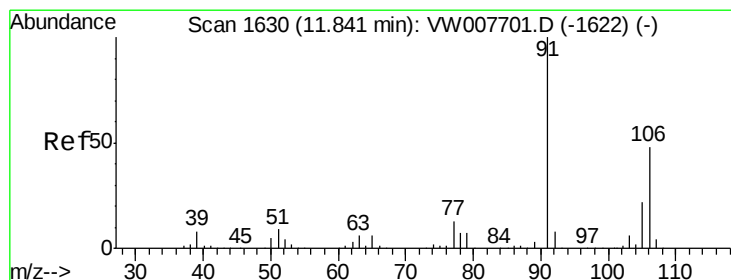
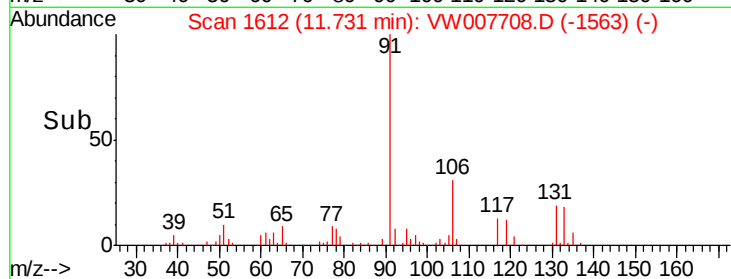
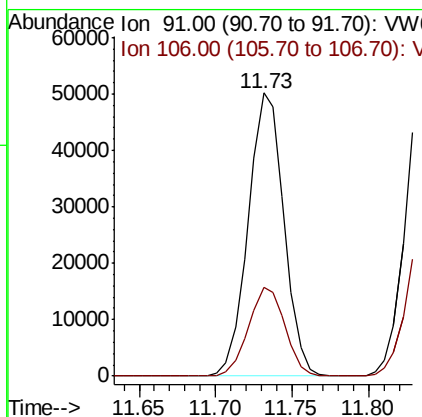
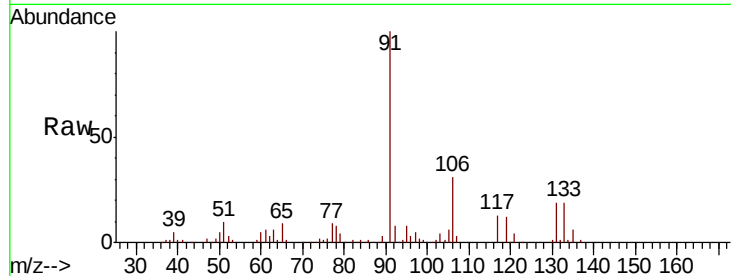
#67
Ethyl Benzene
Concen: 19.688 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007708.D
Acq: 19 Dec 2018 19:10

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS01

Tot Ion: 91 Resp: 81322
Ion Ratio Lower Upper
91 100
106 31.4 25.8 38.8

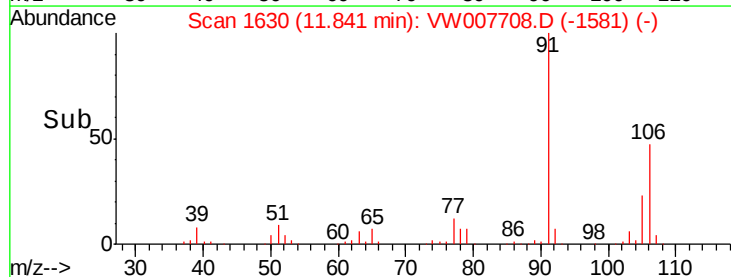
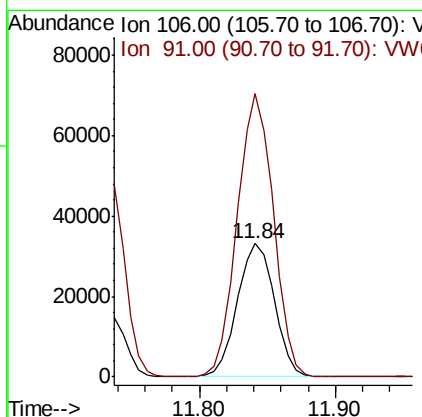
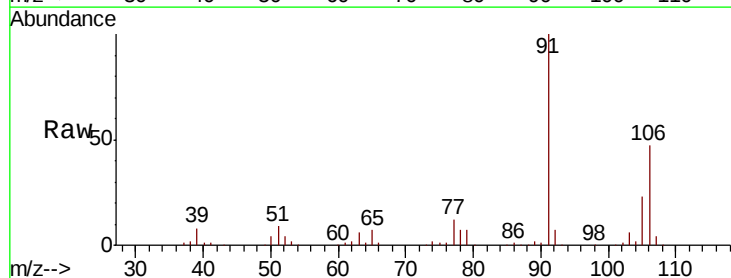
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#68
m/p-Xylenes
Concen: 39.401 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007708.D
Acq: 19 Dec 2018 19:10

Tgt Ion: 106 Resp: 63132
Ion Ratio Lower Upper
106 100
91 207.8 165.2 247.8





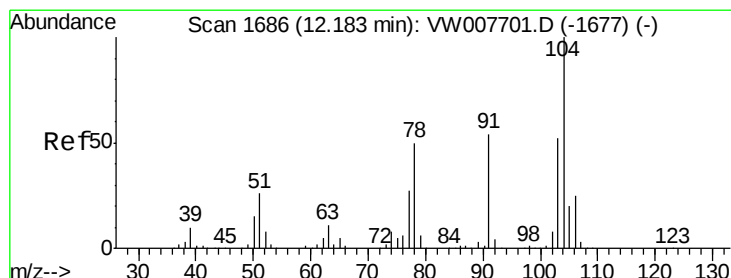
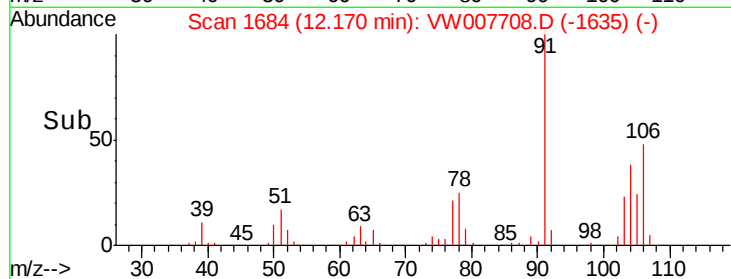
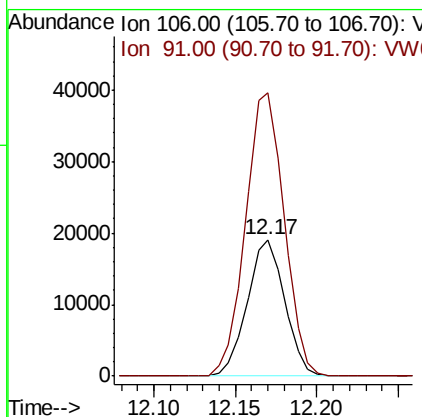
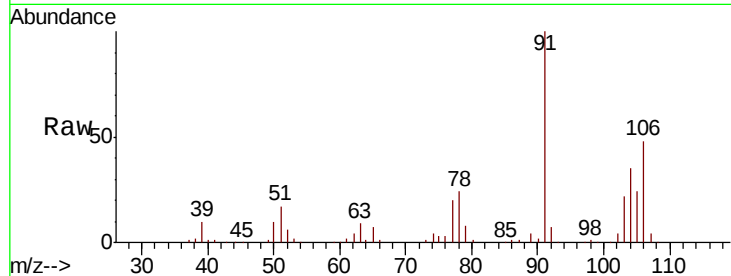
#69
o-Xylene
Concen: 20.341 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007708.D
Acq: 19 Dec 2018 19:10

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS01

Tot Ion:106 Resp: 30551
Ion Ratio Lower Upper
106 100
91 213.8 110.5 331.4

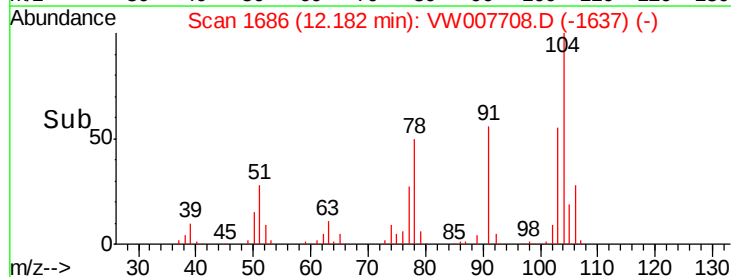
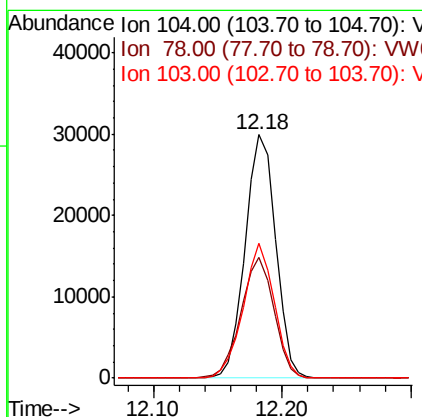
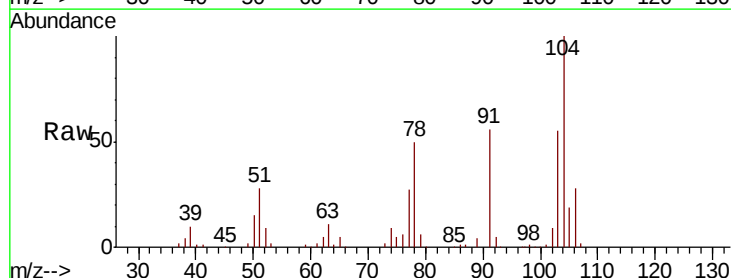
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#70
Styrene
Concen: 19.779 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007708.D
Acq: 19 Dec 2018 19:10

Tgt Ion:104 Resp: 48833
Ion Ratio Lower Upper
104 100
78 53.8 43.4 65.0
103 56.6 44.5 66.7





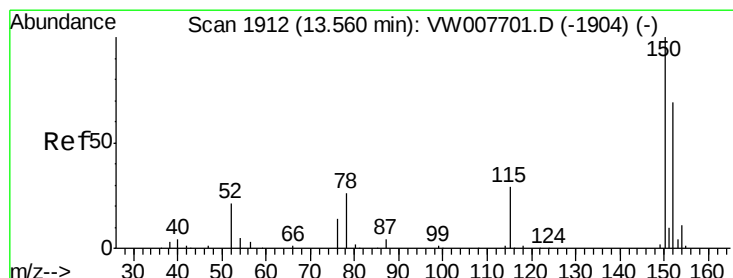
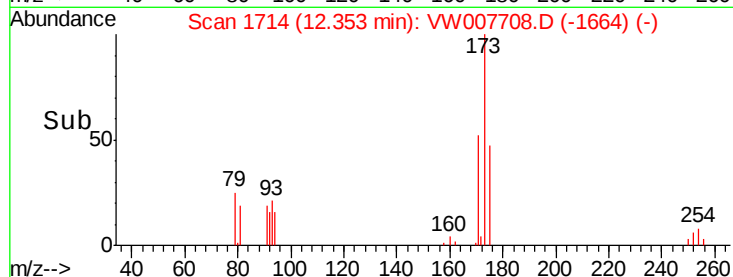
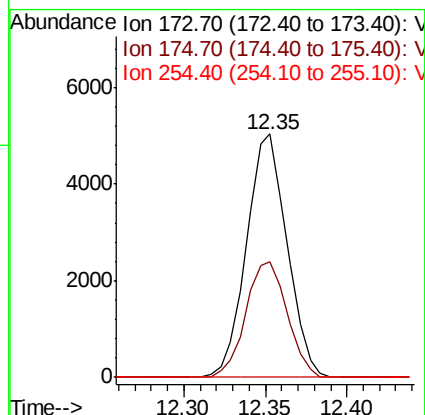
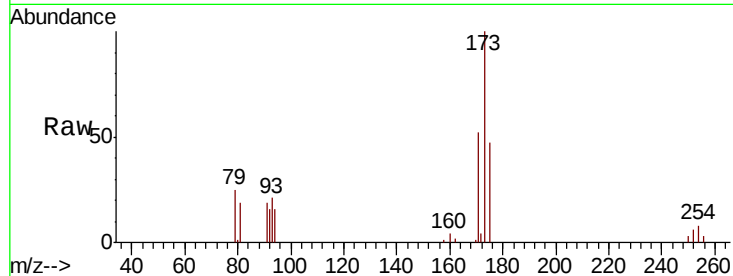
#71
Bromoform
Concen: 19.456 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.01 min
Lab File: VW007708.D
Acq: 19 Dec 2018 19:10

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBSD01

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

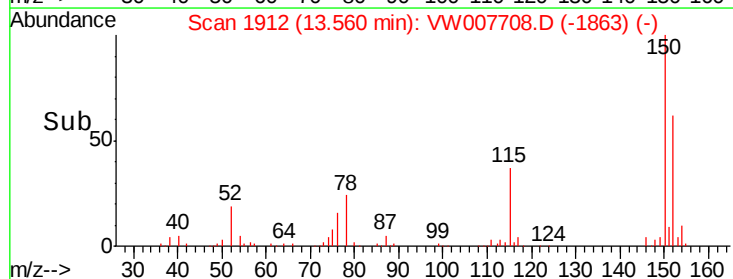
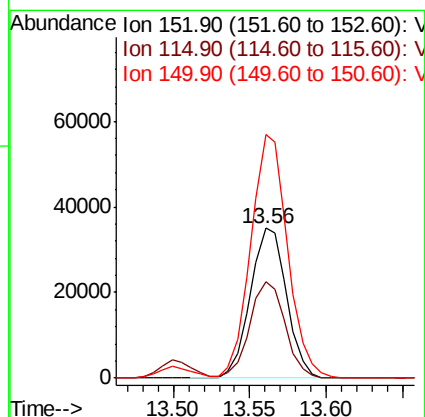
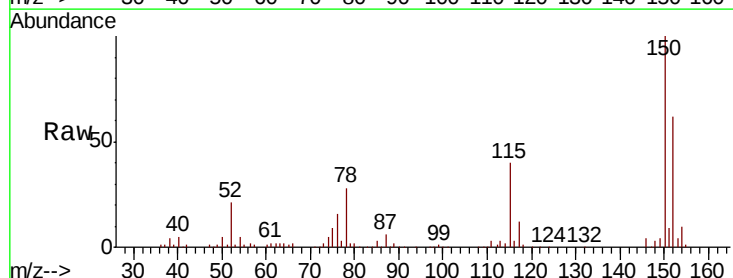
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007708.D
Acq: 19 Dec 2018 19:10

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.7	31.8	95.4
150	165.4	0.0	350.8





#73

Isopropylbenzene

Concen: 19.184 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW007708.D

Acq: 19 Dec 2018 19:10

Instrument :

MSVOA_W

ClientSampleId :

VW1221SBSD01

Tot Ion:105 Resp: 83458

Ion Ratio Lower Upper

105 100

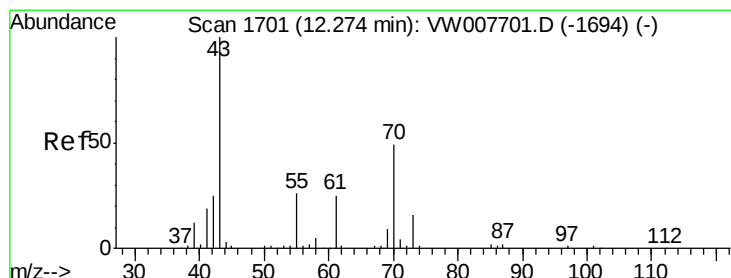
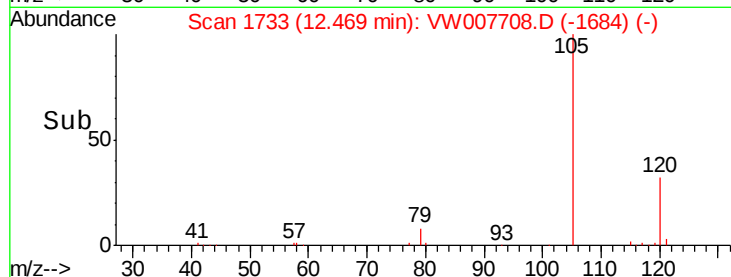
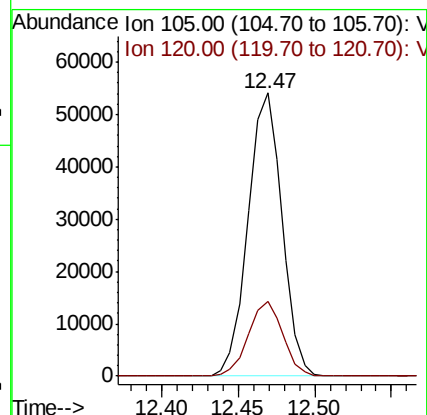
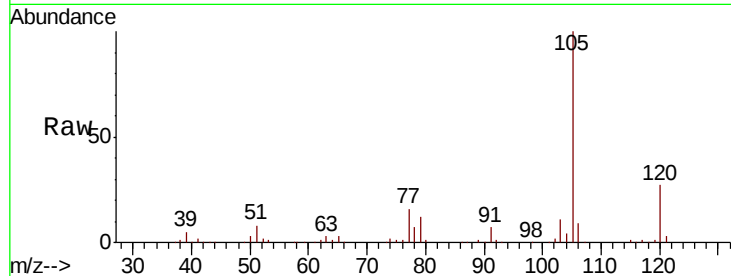
120 26.8 13.1 39.3

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#74

N-ethyl acetate

Concen: 19.918 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW007708.D

Acq: 19 Dec 2018 19:10

Tgt Ion: 43 Resp: 15009

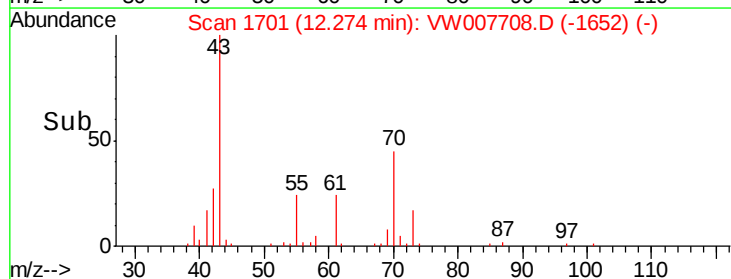
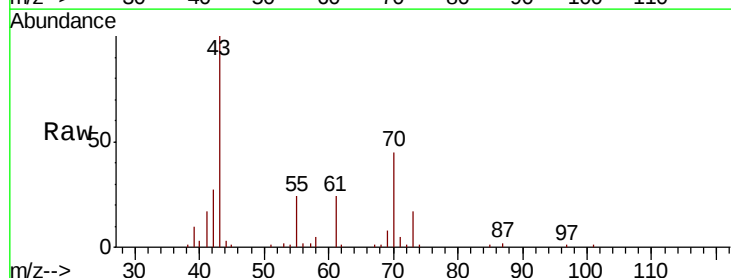
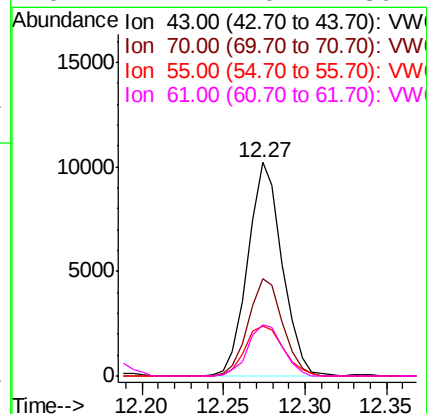
Ion Ratio Lower Upper

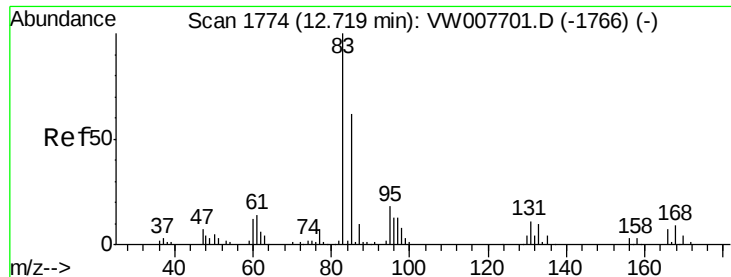
43 100

70 45.6 37.6 56.4

55 26.1 21.7 32.5

61 24.4 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 19.612 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW007708.D

Acq: 19 Dec 2018 19:10

Instrument :

MSVOA_W

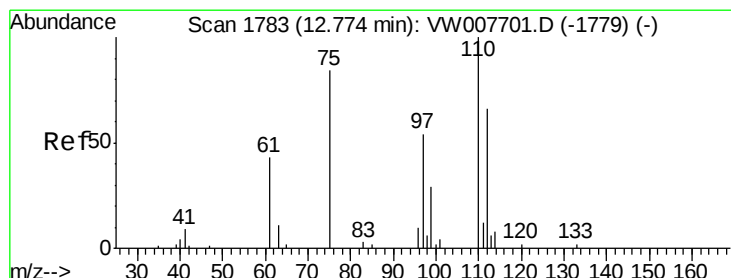
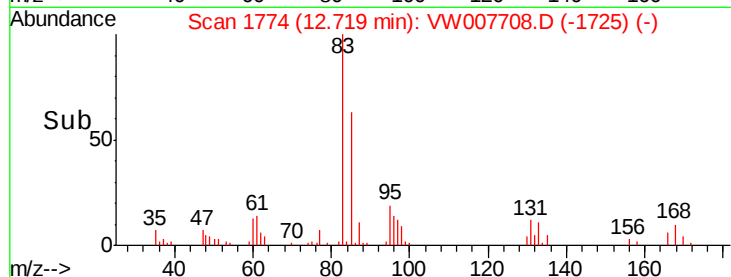
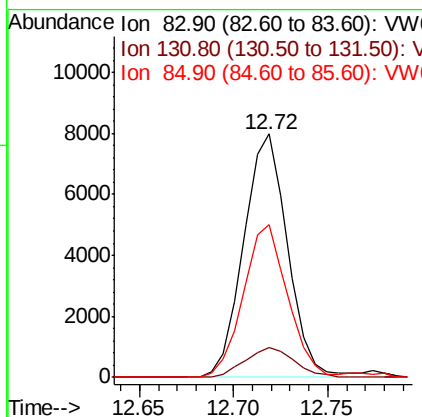
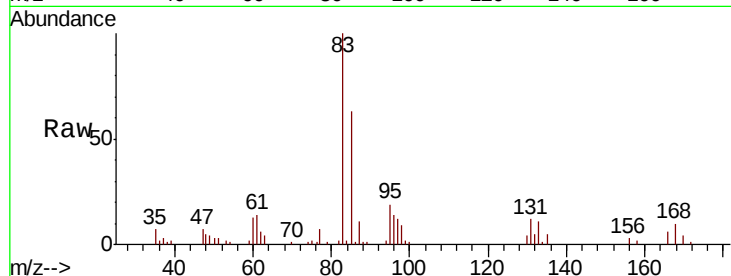
ClientSampleId :

VW1221SBSD01

Tot Ion:	83	Resp:	12792
Ion Ratio	Lower	Upper	
83	100		
131	13.7	6.3	18.8
85	63.8	32.3	96.8

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#76

1,2,3-Trichloropropane

Concen: 22.467 ug/l m

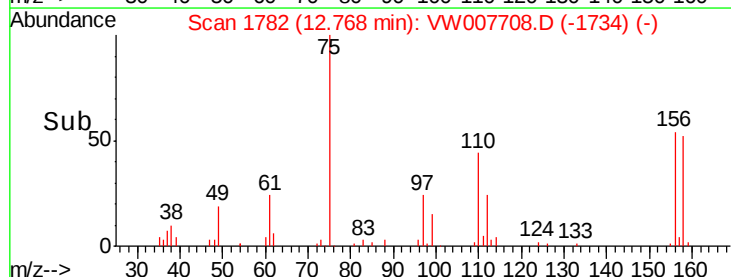
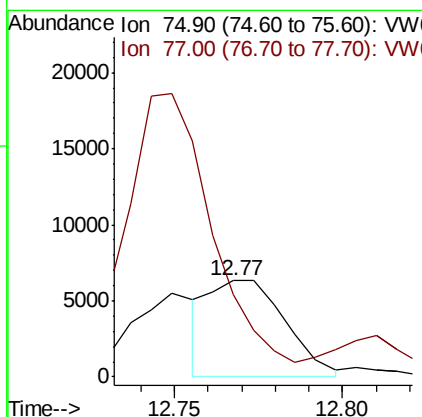
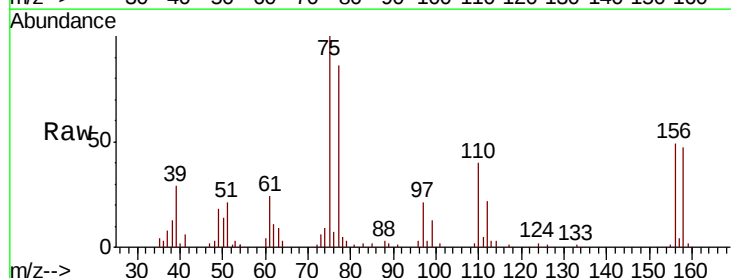
RT: 12.77 min Scan# 1782

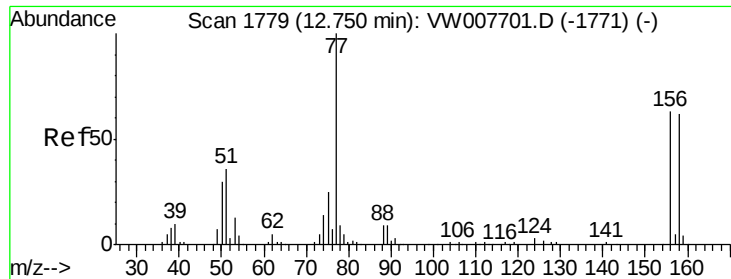
Delta R.T. -0.01 min

Lab File: VW007708.D

Acq: 19 Dec 2018 19:10

Tgt Ion:	75	Resp:	9994
Ion Ratio	Lower	Upper	
75	100		
77	341.4	0.0	0.0#





#77

Bromobenzene

Concen: 19.908 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007708.D

Acq: 19 Dec 2018 19:10

Instrument :

MSVOA_W

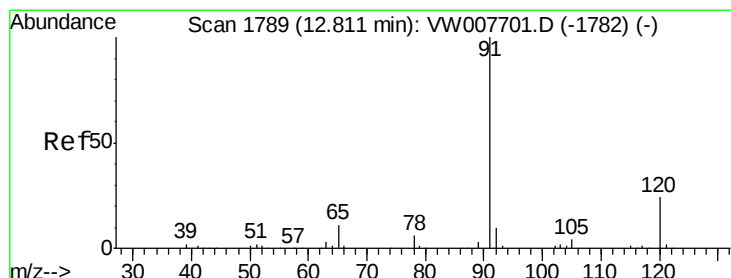
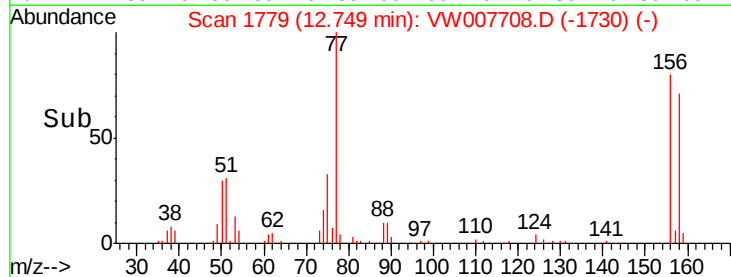
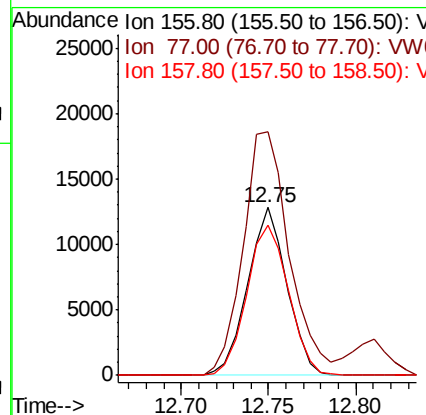
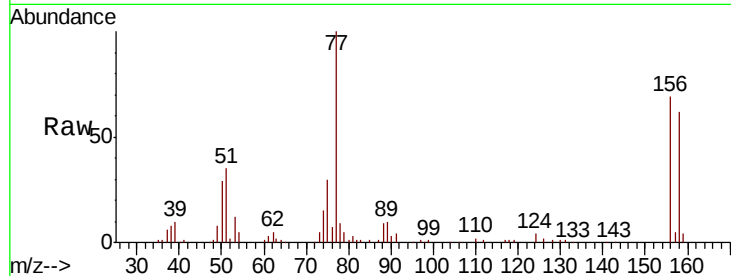
ClientSampleId :

VW1221SBSD01

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	171.9	87.4	262.1	
158	95.5	48.4	145.0	

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#78

n-propylbenzene

Concen: 19.236 ug/l

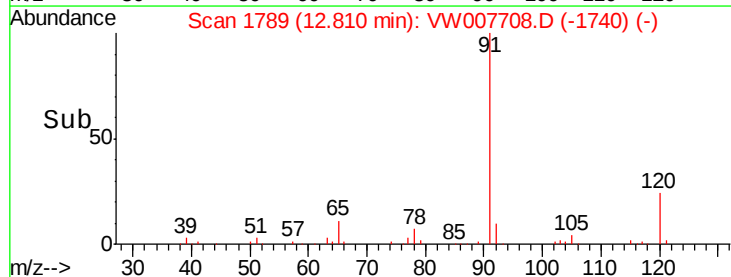
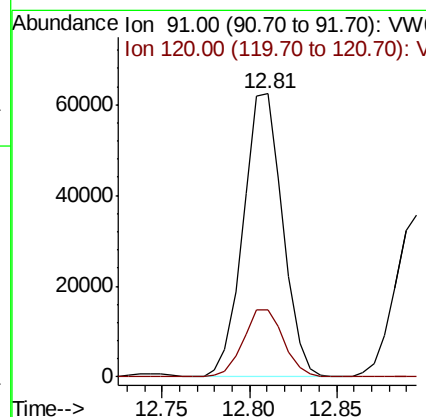
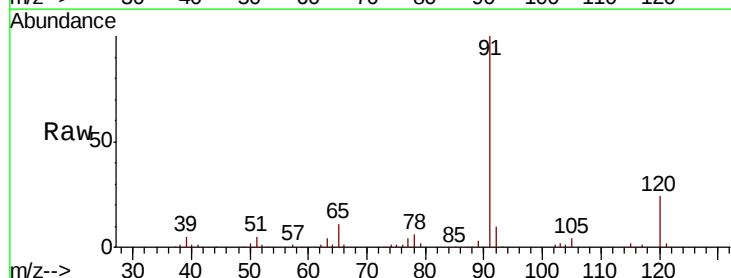
RT: 12.81 min Scan# 1789

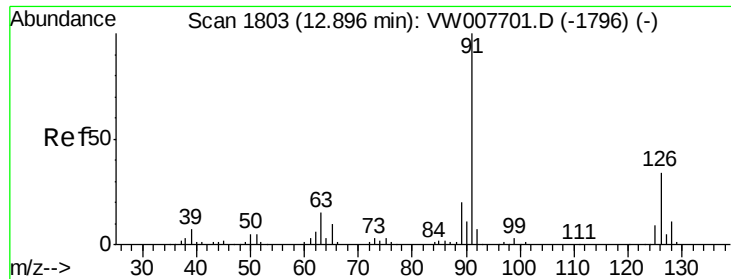
Delta R.T. -0.00 min

Lab File: VW007708.D

Acq: 19 Dec 2018 19:10

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	24.2	11.9	35.7	





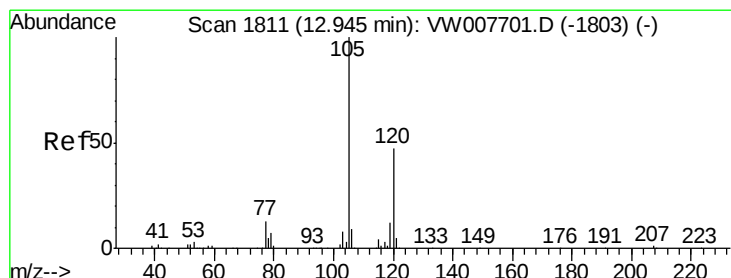
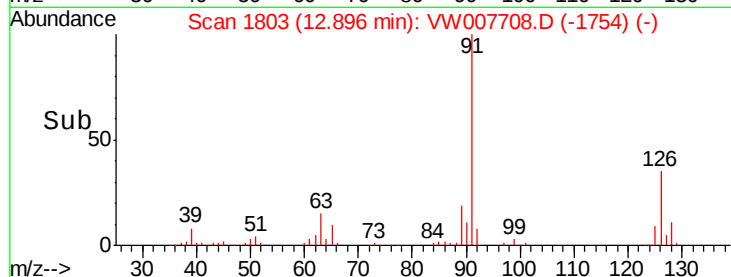
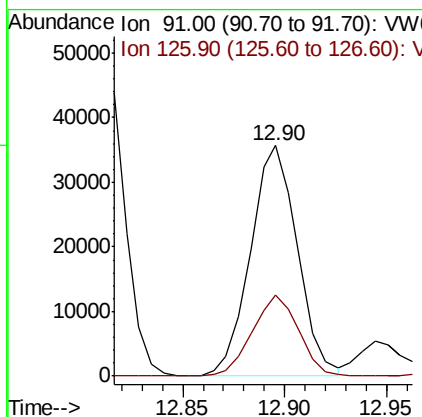
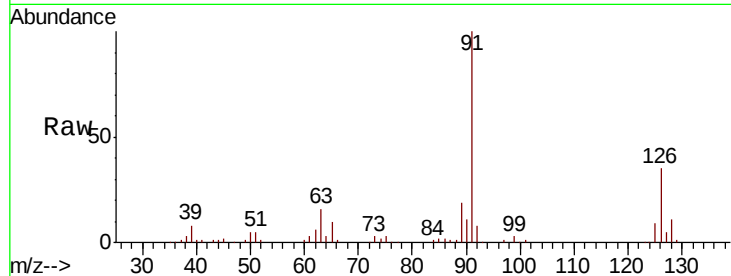
#79
2-Chlorotoluene
Concen: 19.304 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VW007708.D
Acq: 19 Dec 2018 19:10

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS01

Tot Ion: 91 Resp: 56948
Ion Ratio Lower Upper
91 100
126 34.4 17.0 51.0

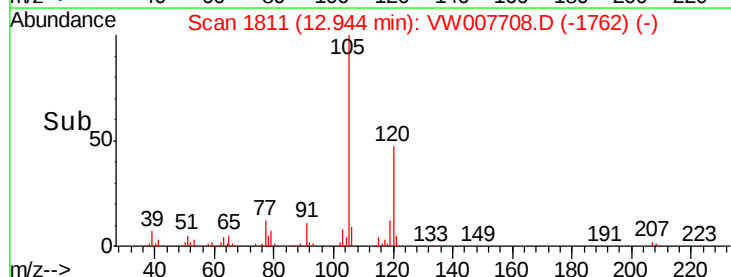
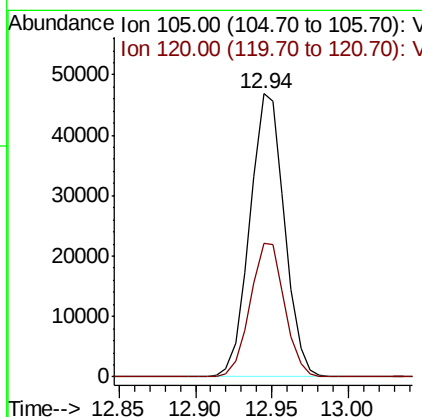
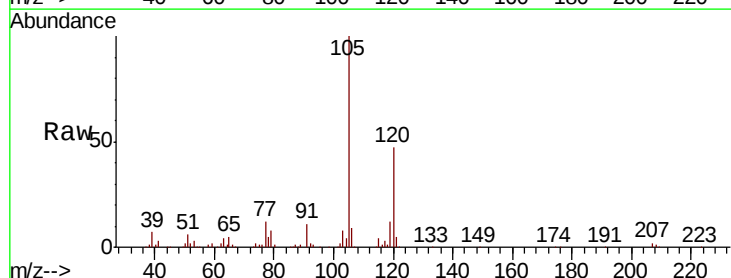
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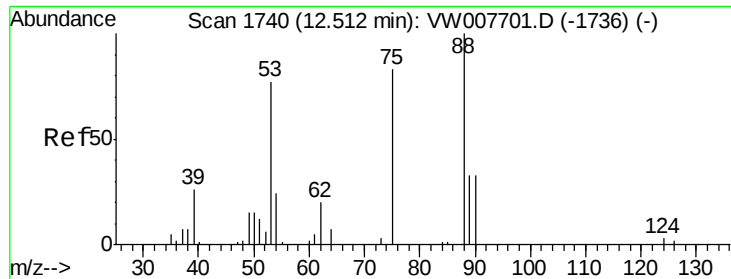
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#80
1,3,5-Trimethylbenzene
Concen: 19.609 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. -0.00 min
Lab File: VW007708.D
Acq: 19 Dec 2018 19:10

Tgt Ion: 105 Resp: 73583
Ion Ratio Lower Upper
105 100
120 47.0 23.6 70.8





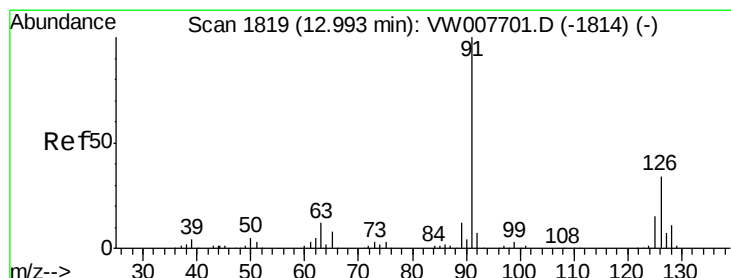
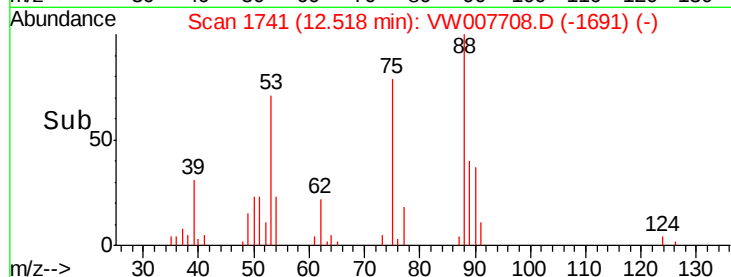
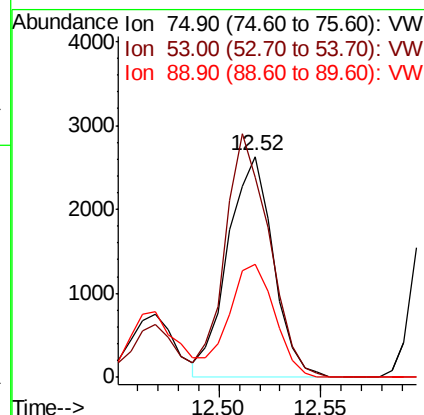
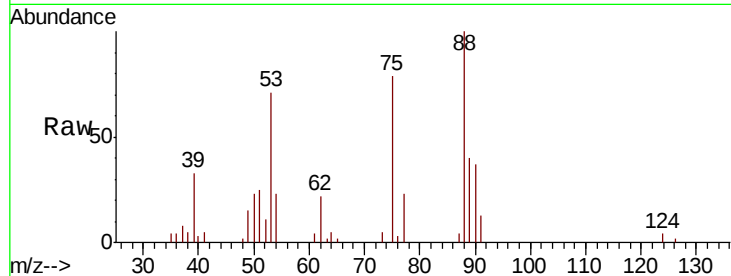
#81
trans-1,4-Dichloro-2-butene
Concen: 19.163 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.01 min
Lab File: VW007708.D
Acq: 19 Dec 2018 19:10

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	107.8	80.2	120.2
89	52.9	39.2	58.8

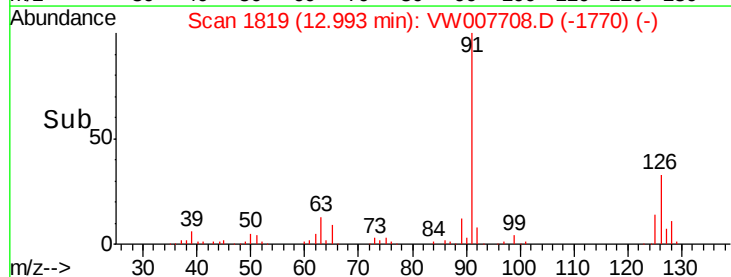
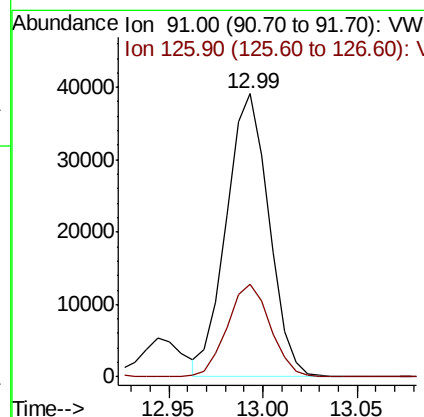
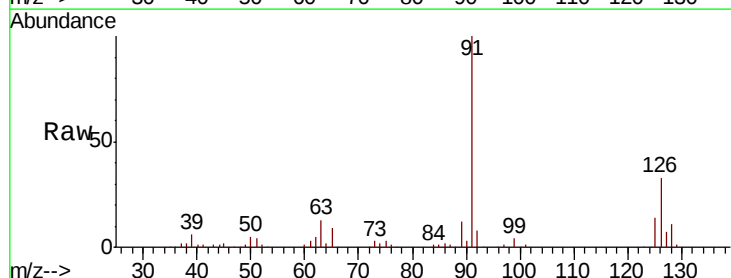
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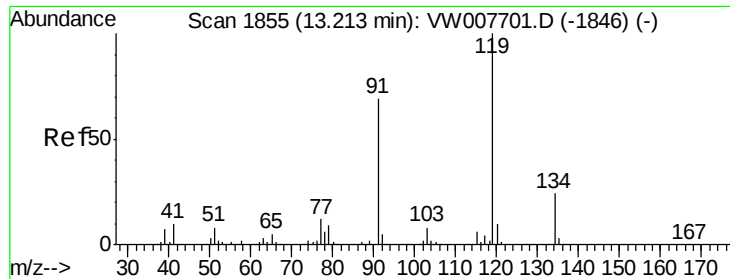
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#82
4-Chlorotoluene
Concen: 19.528 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW007708.D
Acq: 19 Dec 2018 19:10

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.1	16.5	49.5





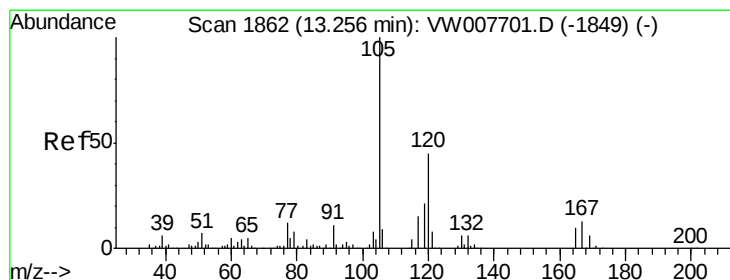
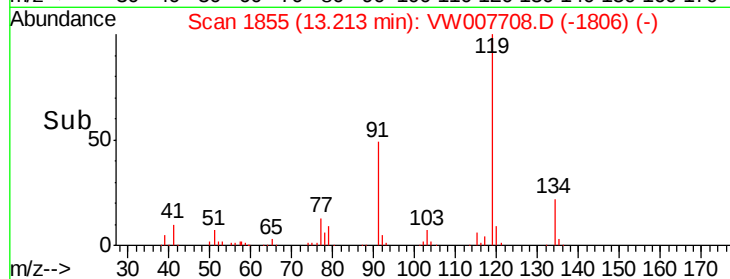
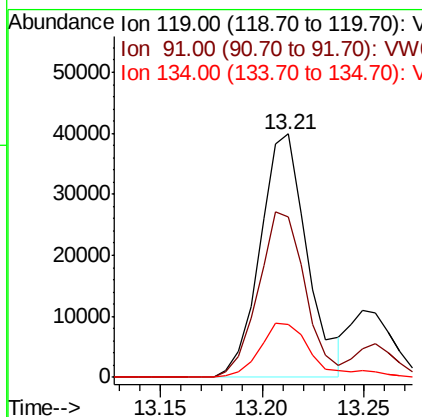
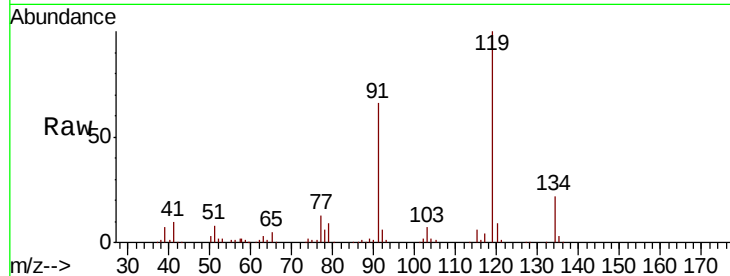
#83
tert-Butylbenzene
Concen: 19.476 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW007708.D
Acq: 19 Dec 2018 19:10

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	67.5	34.2	102.5
134	25.1	12.8	38.4

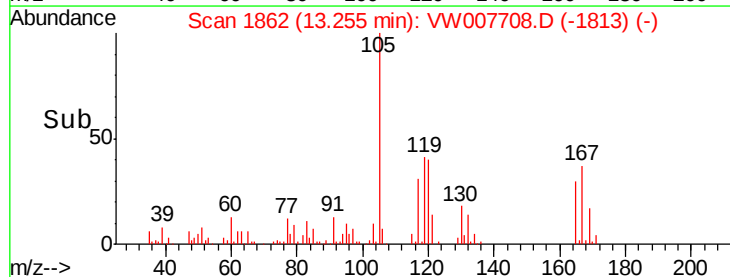
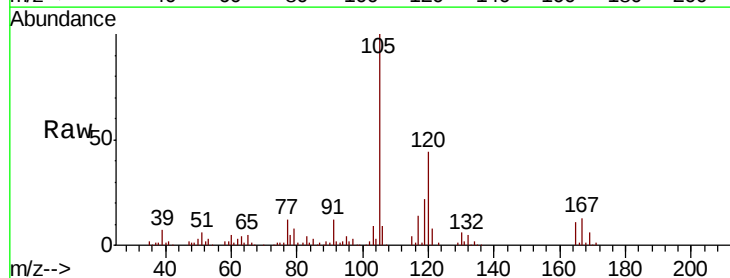
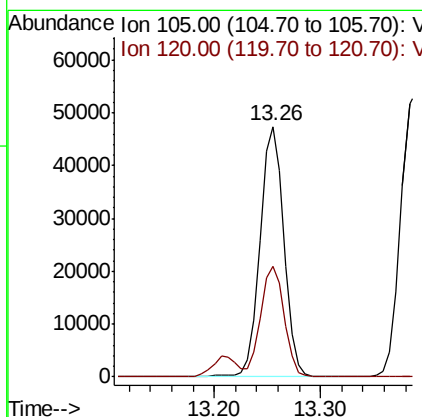
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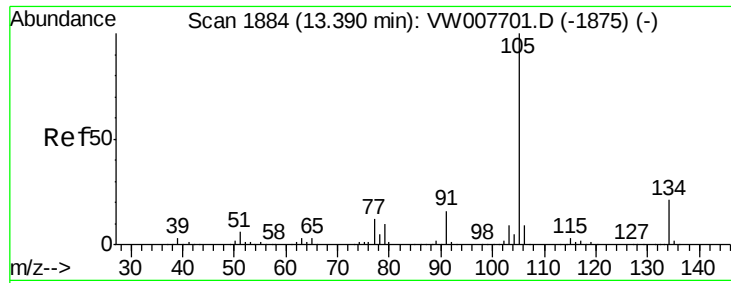
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#84
1,2,4-Trimethylbenzene
Concen: 19.643 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW007708.D
Acq: 19 Dec 2018 19:10

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.1	22.0	66.0





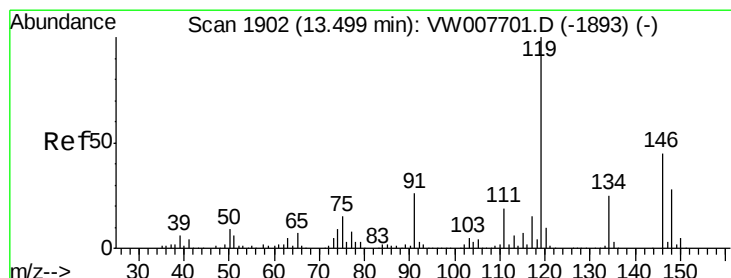
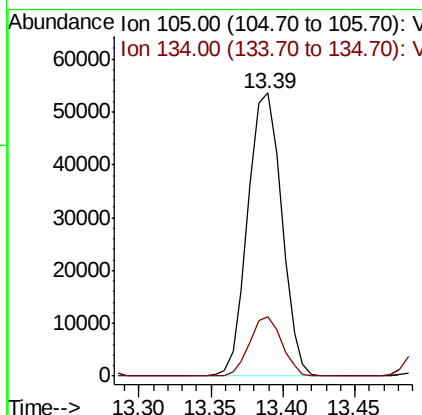
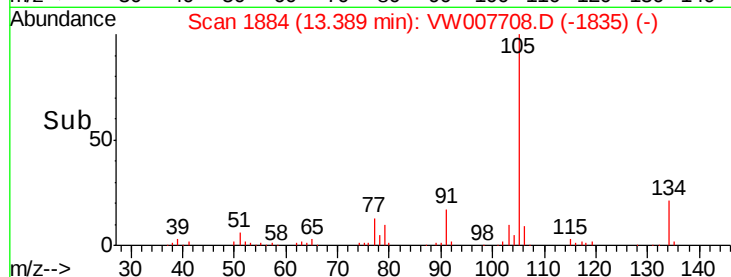
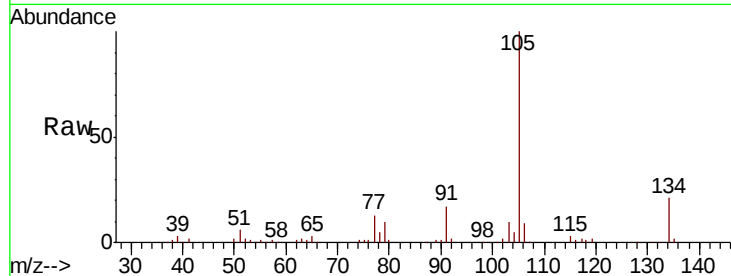
#85
 sec-Butylbenzene
 Concen: 19.205 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW007708.D
 Acq: 19 Dec 2018 19:10

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1221SBS01

Tot Ion:105 Resp: 87146
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.2 30.4

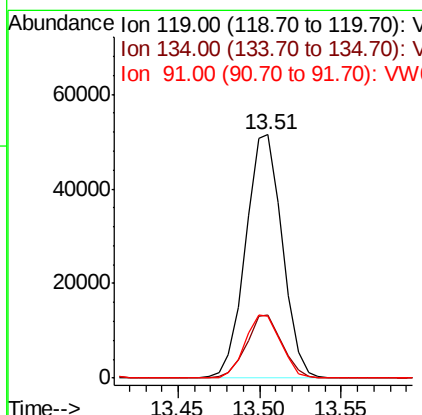
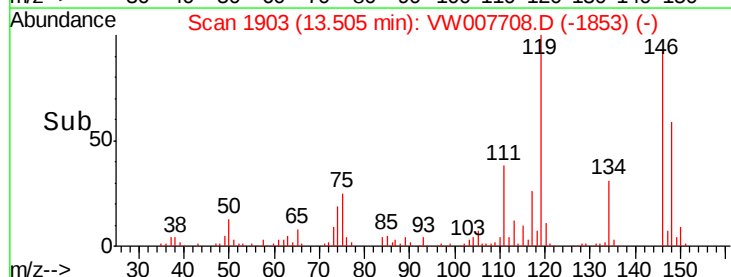
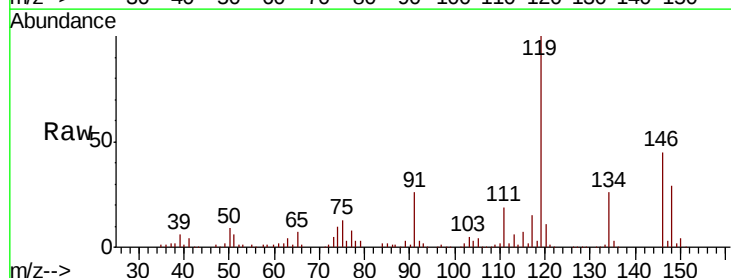
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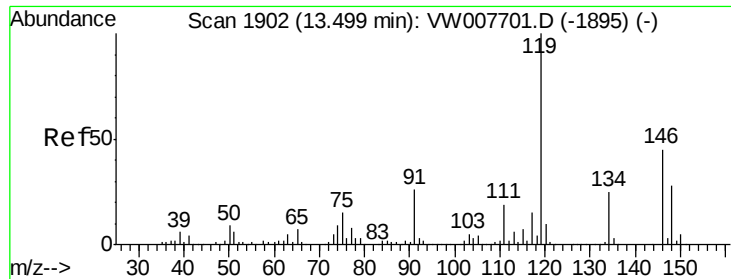
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#86
 p-Isopropyltoluene
 Concen: 19.461 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: VW007708.D
 Acq: 19 Dec 2018 19:10

Tgt Ion:119 Resp: 80300
 Ion Ratio Lower Upper
 119 100
 134 25.4 13.0 39.0
 91 25.6 12.8 38.4





#87

1,3-Dichlorobenzene

Concen: 19.795 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW007708.D

Acq: 19 Dec 2018 19:10

Instrument :

MSVOA_W

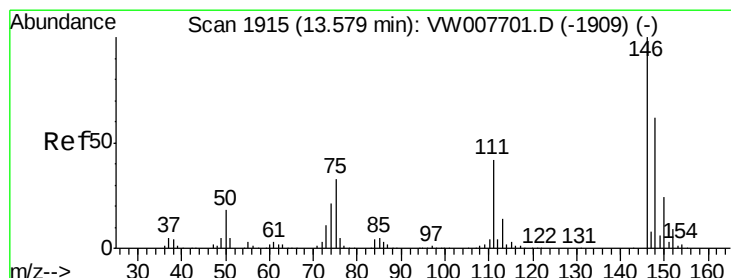
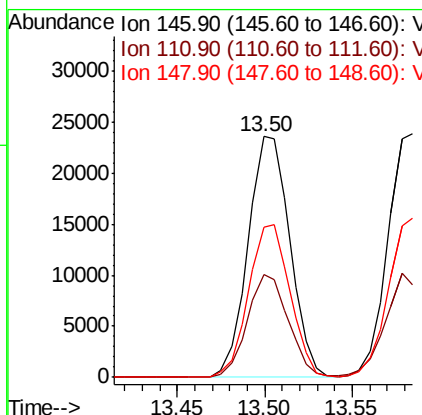
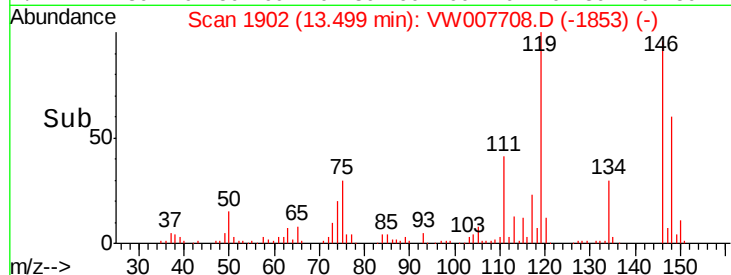
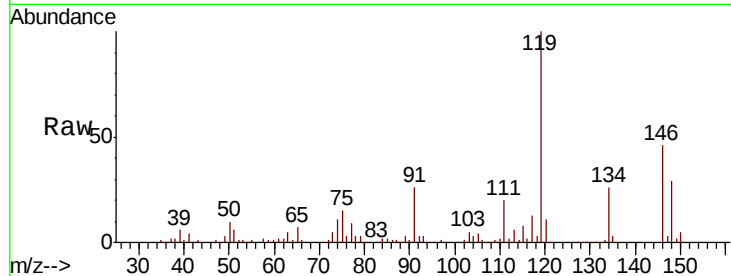
ClientSampleId :

VW1221SBSD01

Tot Ion:	146	Resp:	39184
Ion Ratio	Lower	Upper	
146	100		
111	42.1	21.1	63.4
148	63.0	32.1	96.5

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#88

1,4-Dichlorobenzene

Concen: 19.723 ug/l

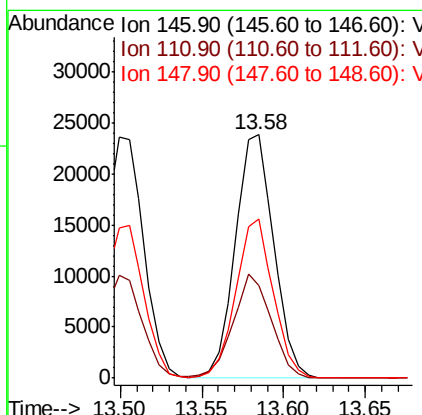
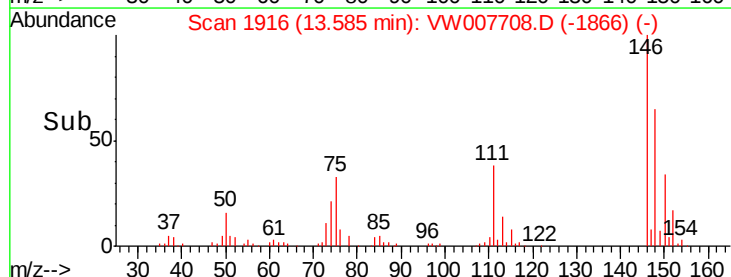
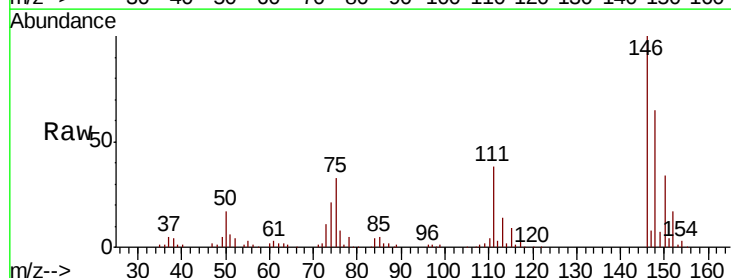
RT: 13.58 min Scan# 1916

Delta R.T. 0.01 min

Lab File: VW007708.D

Acq: 19 Dec 2018 19:10

Tgt Ion:	146	Resp:	39053
Ion Ratio	Lower	Upper	
146	100		
111	42.4	21.0	63.0
148	63.6	31.8	95.4





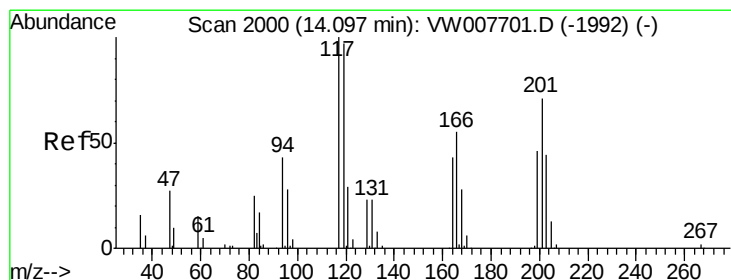
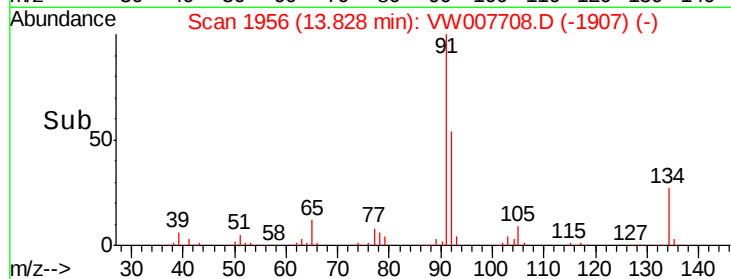
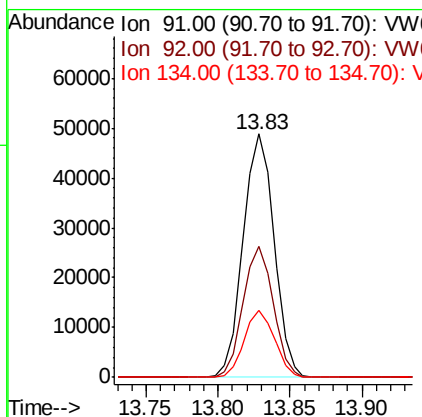
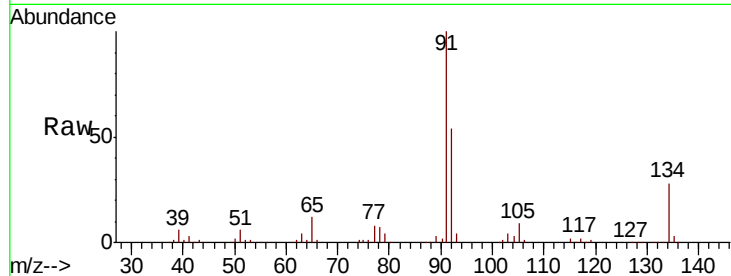
#89
n-Butylbenzene
Concen: 19.241 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW007708.D
Acq: 19 Dec 2018 19:10

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.5	26.4	79.2
134	27.1	13.7	41.0

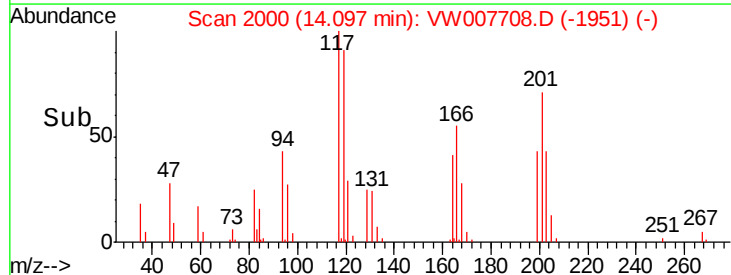
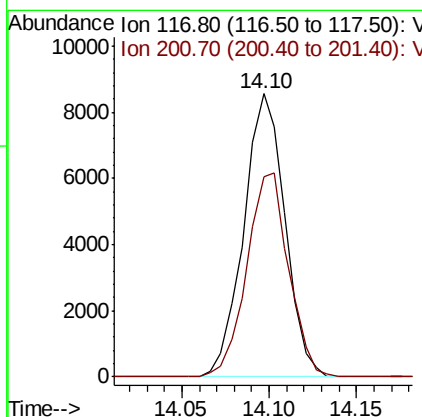
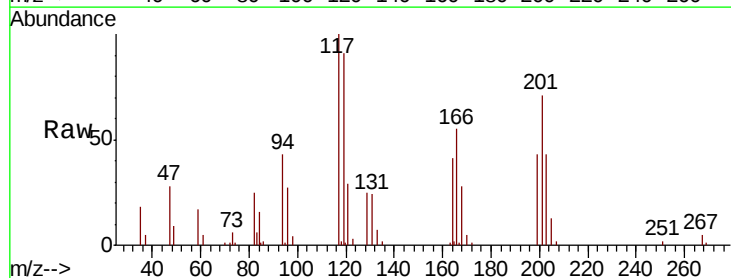
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#90
Hexachloroethane
Concen: 19.459 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW007708.D
Acq: 19 Dec 2018 19:10

Tgt Ion	Ratio	Lower	Upper
117	100		
201	73.2	36.2	108.6





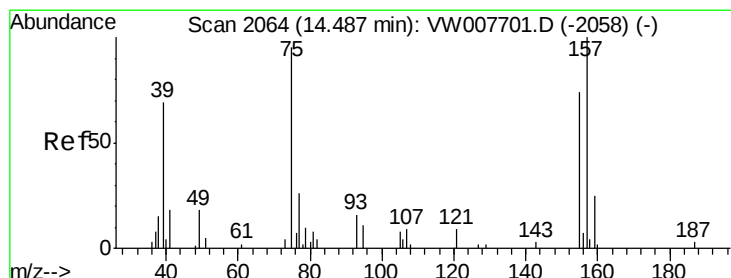
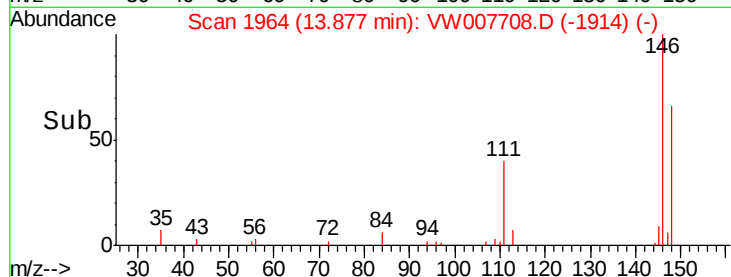
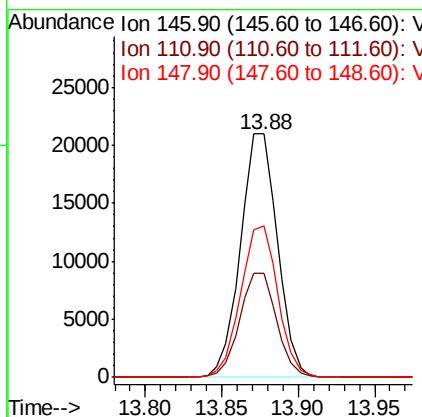
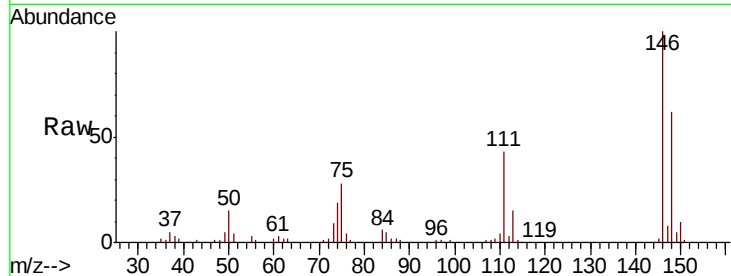
#91
 1,2-Dichlorobenzene
 Concen: 19.905 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.01 min
 Lab File: VW007708.D
 Acq: 19 Dec 2018 19:10

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1221SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.6	21.7	65.1
148	62.5	32.1	96.5

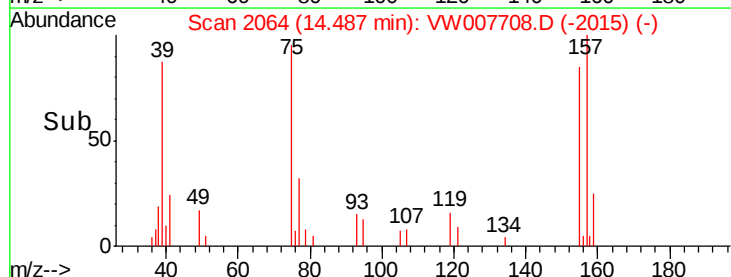
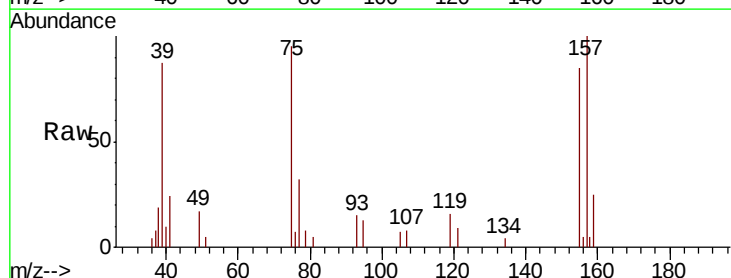
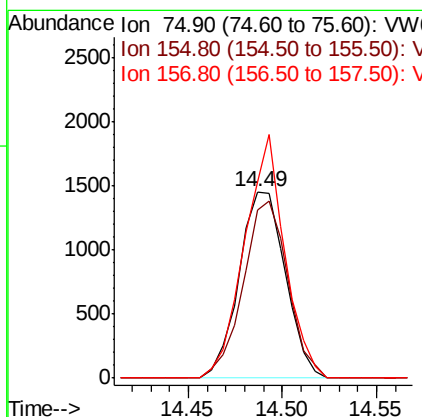
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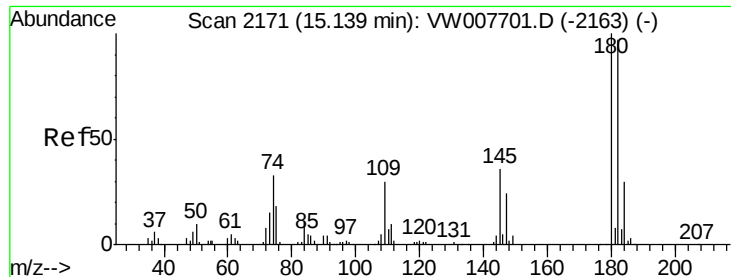
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.462 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW007708.D
 Acq: 19 Dec 2018 19:10

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.0	39.4	118.1
157	113.4	52.0	156.0





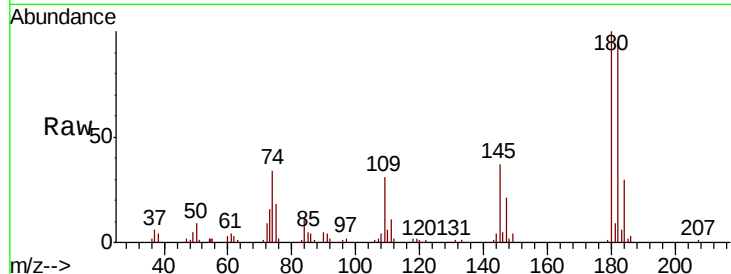
#93
1,2,4-Trichlorobenzene
Concen: 19.227 ug/l
RT: 15.14 min Scan# 2171
Delta R.T. -0.00 min
Lab File: VW007708.D
Acq: 19 Dec 2018 19:10

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	23654		
182	95.1	47.5	142.6	
145	35.2	17.5	52.5	

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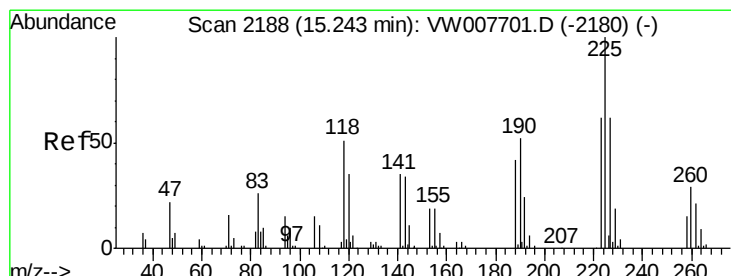
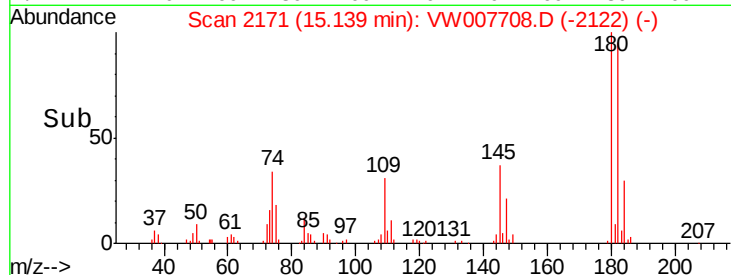
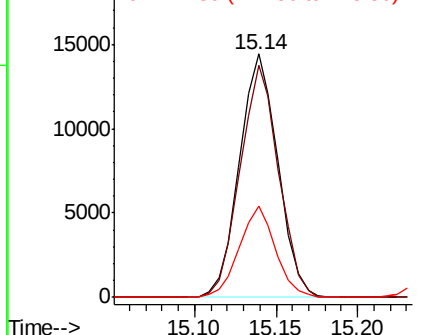


Abundance

Ion 179.80 (179.50 to 180.50): V

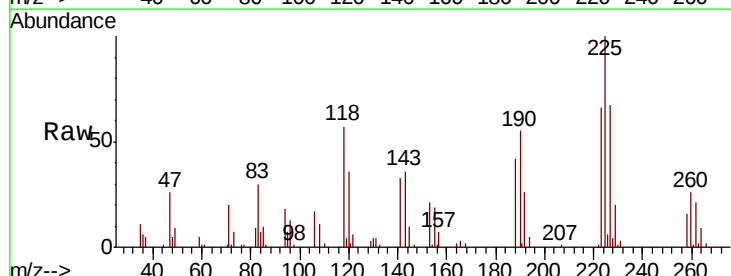
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
Hexachlorobutadiene
Concen: 18.760 ug/l
RT: 15.24 min Scan# 2188
Delta R.T. -0.00 min
Lab File: VW007708.D
Acq: 19 Dec 2018 19:10

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	12334		
223	64.9	31.6	94.8	
227	64.7	32.1	96.3	

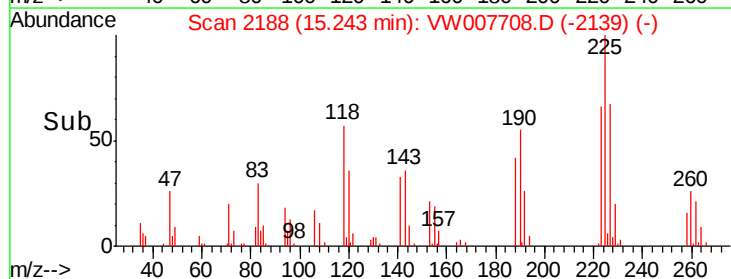
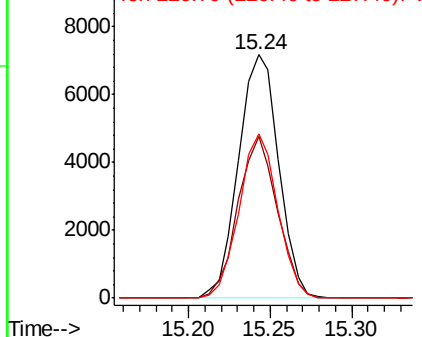


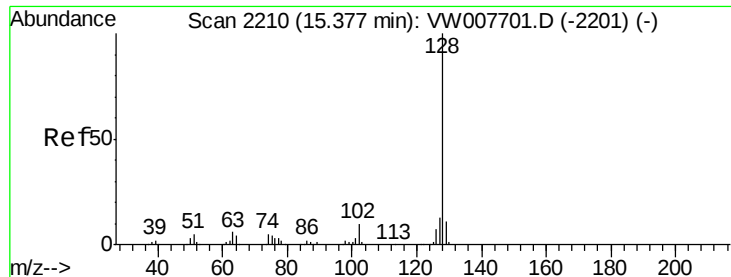
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 19.809 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. -0.00 min

Lab File: VW007708.D

Acq: 19 Dec 2018 19:10

Instrument :

MSVOA_W

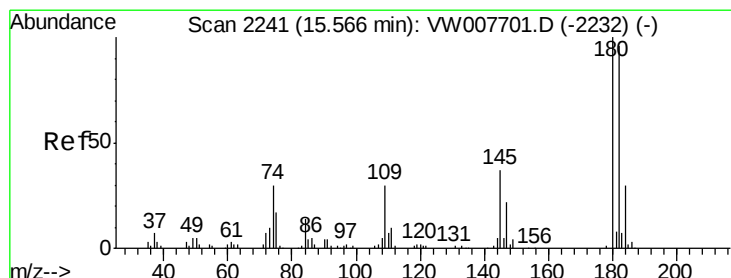
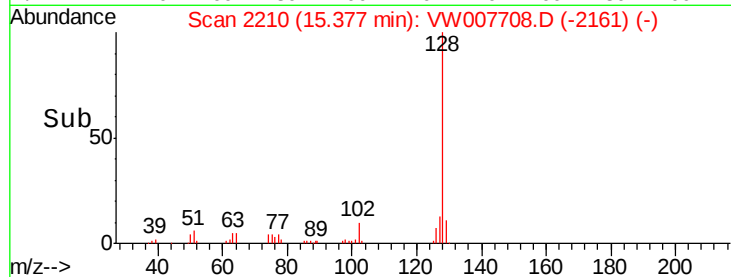
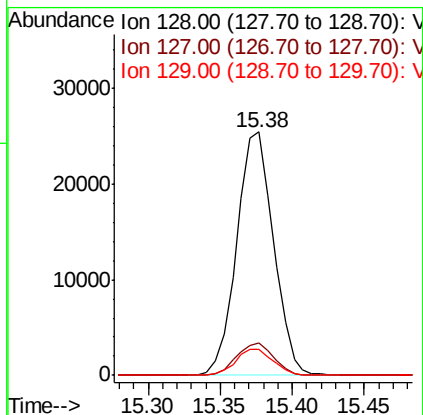
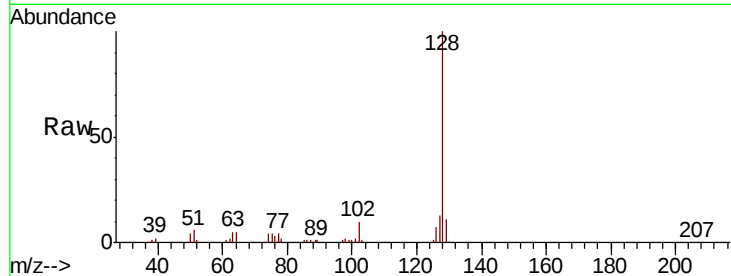
ClientSampleId :

VW1221SBSD01

Tot Ion:	128	Resp:	45056
Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.7	16.1
129	10.9	8.8	13.2

Manual Integrations
APPROVED

apatel
12/20/2018 11:19:58 AM



#96

1,2,3-Trichlorobenzene

Concen: 19.545 ug/l

RT: 15.57 min Scan# 2241

Delta R.T. -0.00 min

Lab File: VW007708.D

Acq: 19 Dec 2018 19:10

Tgt Ion:	180	Resp:	20583
Ion	Ratio	Lower	Upper
180	100		
182	91.7	47.4	142.2
145	36.8	18.4	55.0

