

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122118\
 Data File : VW007705.D
 Acq On : 19 Dec 2018 17:26
 Operator : SY/AP
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICSVW122118

Manual Integrations
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apatel
 12/20/2018 11:19:51 AM

Quant Time: Dec 20 07:14:19 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	77799	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	123096	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	108064	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	54213	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	40382	47.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.72%	
35) Dibromofluoromethane	7.88	113	38258	50.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.90%	
50) Toluene-d8	10.32	98	147048	51.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.88%	
62) 4-Bromofluorobenzene	12.62	95	54523	49.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	34237	49.502	ug/l	94
3) Chloromethane	2.21	50	22094	52.023	ug/l	98
4) Vinyl Chloride	2.37	62	29155	53.929	ug/l	94
5) Bromomethane	2.78	94	20207	53.664	ug/l	95
6) Chloroethane	2.93	64	15427	53.339	ug/l	100
7) Trichlorofluoromethane	3.26	101	28507	50.648	ug/l	96
8) Diethyl Ether	3.68	74	18326	53.158	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	43509	52.488	ug/l	98
10) Methyl Iodide	4.26	142	67178	50.961	ug/l	99
11) Tert butyl alcohol	5.17	59	13880	241.298	ug/l	99
12) 1,1-Dichloroethene	4.03	96	40249	52.436	ug/l	96
13) Acrolein	3.89	56	10007	217.580	ug/l	100
14) Allyl chloride	4.66	41	54740	54.382	ug/l	98
15) Acrylonitrile	5.37	53	34411	233.998	ug/l	99
16) Acetone	4.12	43	39496	247.347	ug/l	92
17) Carbon Disulfide	4.37	76	125137	52.682	ug/l	98
18) Methyl Acetate	4.67	43	18390	48.427	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	54032	49.033	ug/l	95
20) Methylene Chloride	4.90	84	40819	51.278	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	44113	52.255	ug/l	97
22) Diisopropyl ether	6.31	45	100025	53.070	ug/l	99
23) Vinyl Acetate	6.25	43	282100	251.919	ug/l	98
24) 1,1-Dichloroethane	6.21	63	72087	51.990	ug/l	99
25) 2-Butanone	7.17	43	42808	228.883	ug/l	98
26) 2,2-Dichloropropane	7.17	77	54116	53.336	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	46277	51.453	ug/l	99
28) Bromochloromethane	7.51	49	23520	49.751	ug/l #	99
29) Tetrahydrofuran	7.52	42	26265	235.433	ug/l	99
30) Chloroform	7.67	83	81022	51.634	ug/l	98
31) Cyclohexane	7.95	56	63614	50.115	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	74540	52.158	ug/l	98
36) 1,1-Dichloropropene	8.08	75	63708	53.622	ug/l	100
37) Ethyl Acetate	7.25	43	19432	47.392	ug/l	99
38) Carbon Tetrachloride	8.07	117	73179	52.300	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	80063	54.231	ug/l	98
40) Benzene	8.32	78	167974	52.982	ug/l	99
41) Methacrylonitrile	7.48	41	11738	50.422	ug/l	93
42) 1,2-Dichloroethane	8.40	62	51480	48.453	ug/l	99
43) Isopropyl Acetate	8.43	43	39140	47.646	ug/l	100
44) Trichloroethene	9.09	130	50000	52.150	ug/l	98
45) 1,2-Dichloropropane	9.37	63	37546	53.372	ug/l	99
46) Dibromomethane	9.46	93	21206	48.970	ug/l	99
47) Bromodichloromethane	9.64	83	58409	51.306	ug/l	97
48) Methyl methacrylate	9.43	41	19381	47.266	ug/l	99
49) 1,4-Dioxane	9.45	88	6778	987.219	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	89345	230.136	ug/l	99
52) Toluene	10.39	92	111126	52.242	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	57193	50.507	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	64834	51.835	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	29659	49.681	ug/l	96
56) Ethyl methacrylate	10.65	69	34840	49.394	ug/l	99
57) 1,3-Dichloropropane	10.93	76	48950	49.378	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	76080	236.241	ug/l	100
59) 2-Hexanone	10.97	43	64989	238.031	ug/l	98
60) Dibromochloromethane	11.13	129	39487	49.955	ug/l	99
61) 1,2-Dibromoethane	11.24	107	29294	48.455	ug/l	99
64) Tetrachloroethene	10.86	164	40826	53.351	ug/l	97
65) Chlorobenzene	11.66	112	122386	52.325	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	43512	52.063	ug/l	97
67) Ethyl Benzene	11.73	91	219449	54.676	ug/l	97
68) m/p-Xylenes	11.84	106	169157	108.646	ug/l	99
69) o-Xylene	12.17	106	79718	54.622	ug/l	98
70) Styrene	12.18	104	129829	54.117	ug/l	100
71) Bromoform	12.35	173	21754	50.141	ug/l #	99
73) Isopropylbenzene	12.47	105	229034	55.891	ug/l	100
74) N-amyl acetate	12.27	43	35589	50.138	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	29985	48.803	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	18208m	43.454	ug/l	
77) Bromobenzene	12.75	156	49522	52.731	ug/l	99
78) n-propylbenzene	12.81	91	262684	55.068	ug/l	99
79) 2-Chlorotoluene	12.90	91	150734	54.243	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	195248	55.237	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	9679	48.487	ug/l	94
82) 4-Chlorotoluene	12.99	91	160092	54.106	ug/l	99
83) tert-Butylbenzene	13.21	119	173641	55.987	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	196010	54.955	ug/l	100
85) sec-Butylbenzene	13.39	105	239734	56.086	ug/l	100
86) p-Isopropyltoluene	13.50	119	216780	55.774	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	99394	53.305	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	97637	52.347	ug/l	99
89) n-Butylbenzene	13.83	91	200303	56.207	ug/l	99
90) Hexachloroethane	14.10	117	37563	55.049	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	86709	51.938	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	5845	46.323	ug/l	97

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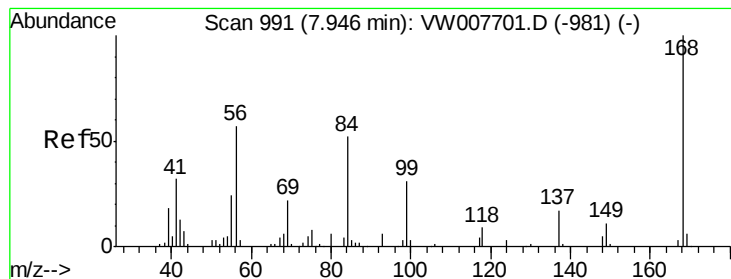
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	59841	51.637	ug/l	99
94) Hexachlorobutadiene	15.24	225	33946	54.811	ug/l	98
95) Naphthalene	15.38	128	107901	50.361	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	51027	51.439	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: VW007705.D

Acq: 19 Dec 2018 17:26

Instrument :

MSVOA_W

ClientSampleId :

ICVW122118

Tot Ion:168 Resp: 77799

Ion Ratio Lower Upper

168 100

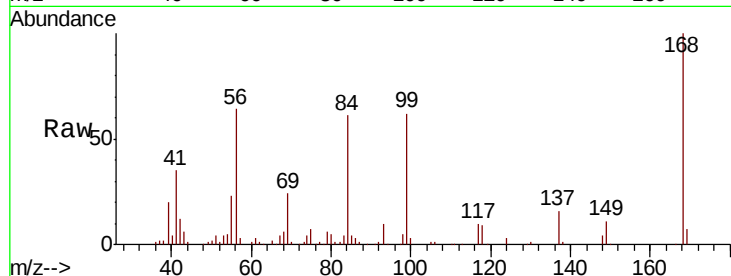
99 62.1 54.0 81.0

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

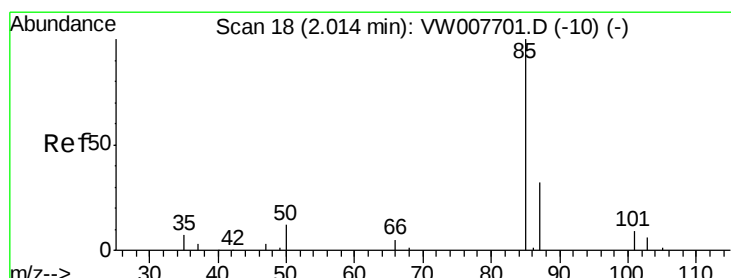
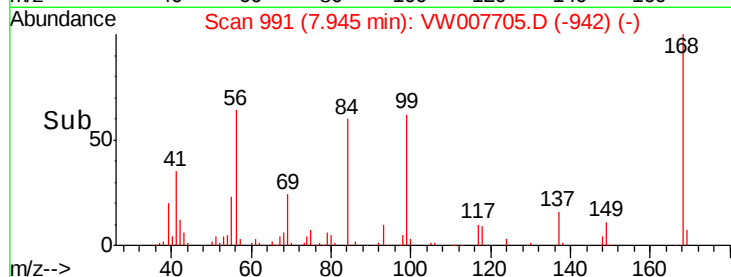
20000

10000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 49.502 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW007705.D

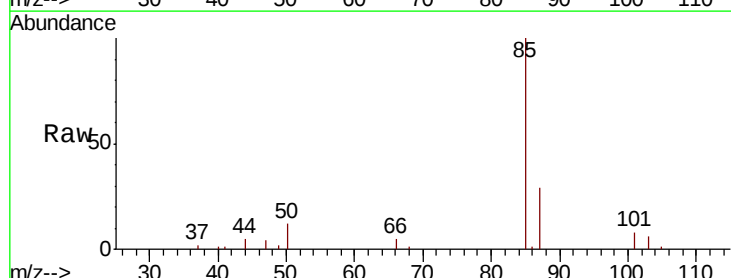
Acq: 19 Dec 2018 17:26

Tgt Ion: 85 Resp: 34237

Ion Ratio Lower Upper

85 100

87 29.2 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

12000

10000

8000

6000

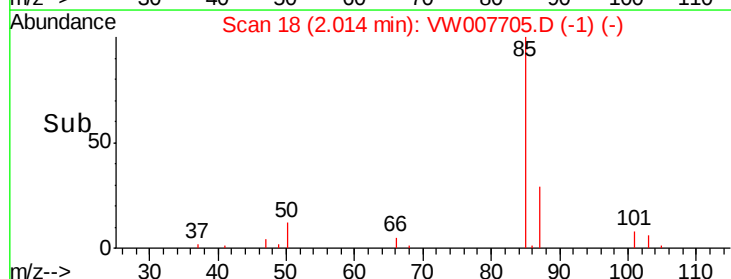
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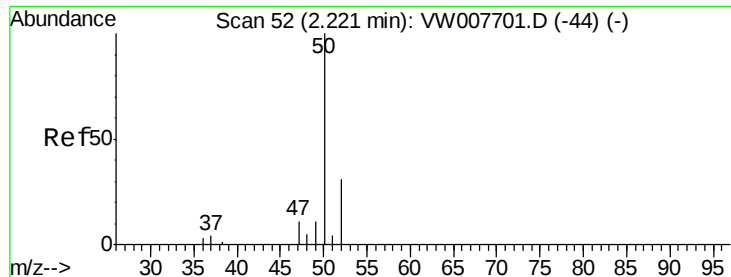
2000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 52.023 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW007705.D

Acq: 19 Dec 2018 17:26

Instrument :

MSVOA_W

ClientSampleId :

ICVW122118

Tot Ion: 50 Resp: 22094

Ion Ratio Lower Upper

50 100

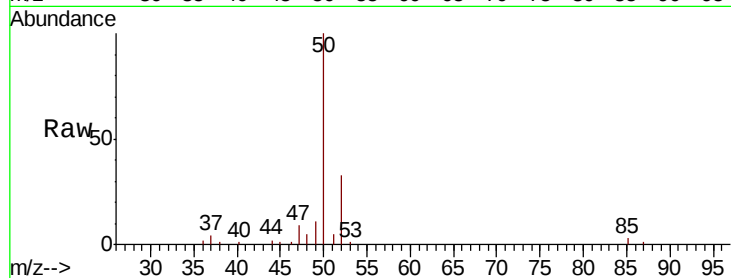
52 32.8 25.1 37.7

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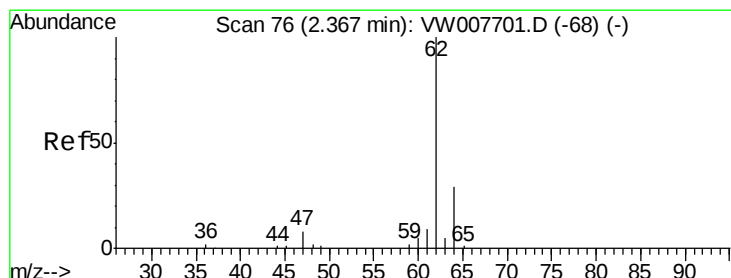
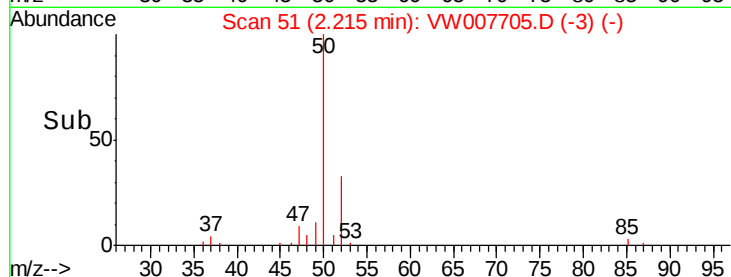
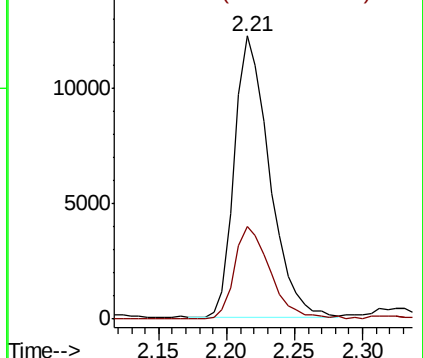
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Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 53.929 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW007705.D

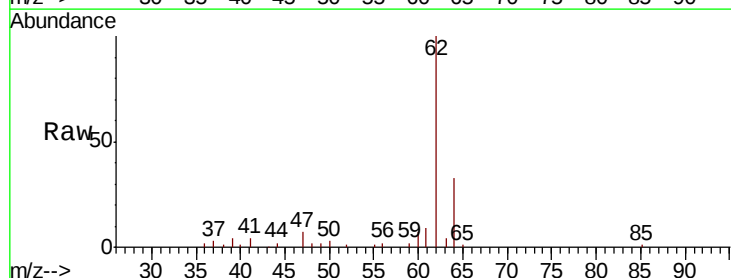
Acq: 19 Dec 2018 17:26

Tgt Ion: 62 Resp: 29155

Ion Ratio Lower Upper

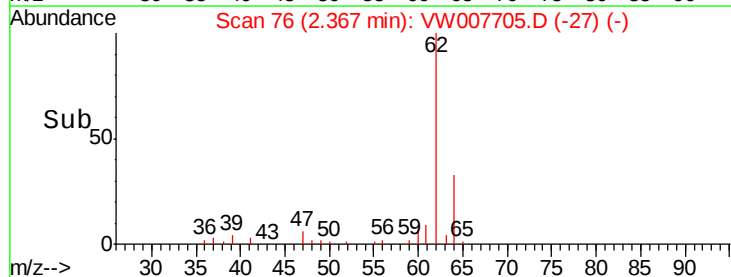
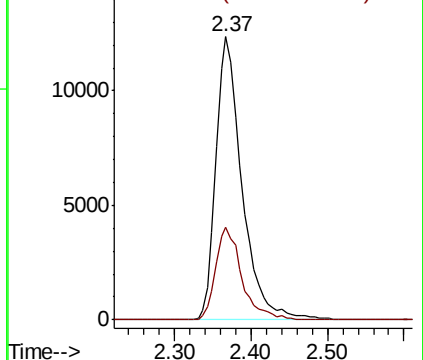
62 100

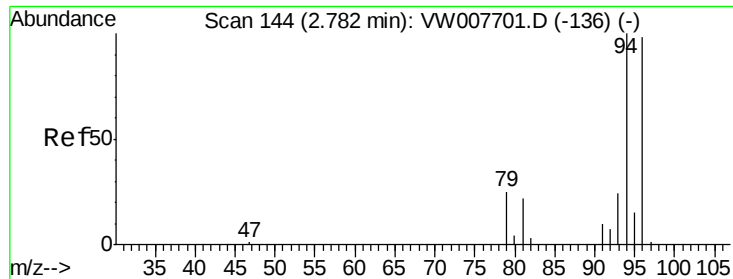
64 32.5 23.4 35.0



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 53.664 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.00 min

Lab File: VW007705.D

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ClientSampleId :

ICVW122118

Tot Ion: 94 Resp: 20207

Ion Ratio Lower Upper

94 100

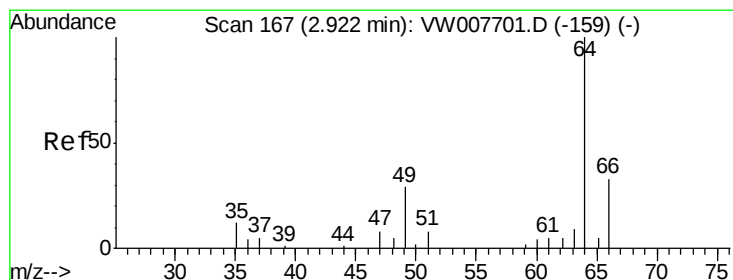
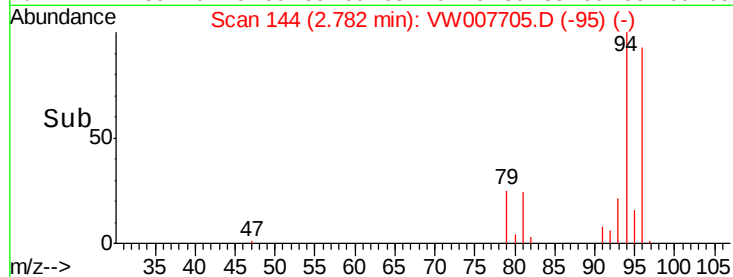
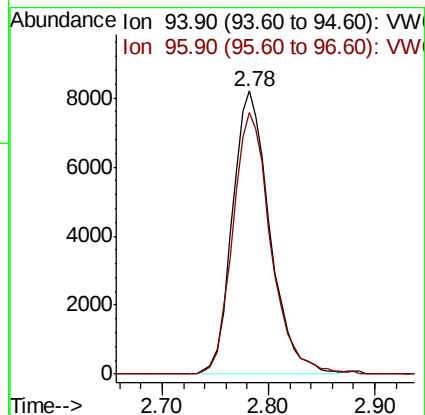
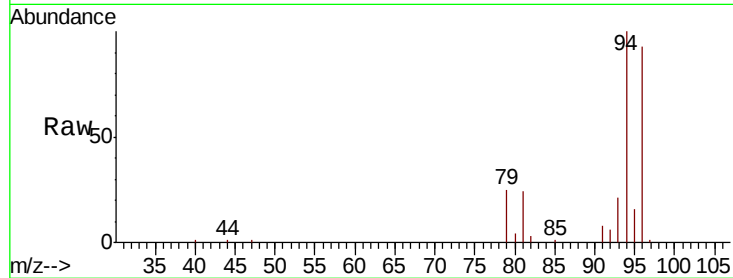
96 92.5 78.2 117.2

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#6

Chloroethane

Concen: 53.339 ug/l

RT: 2.93 min Scan# 169

Delta R.T. 0.01 min

Lab File: VW007705.D

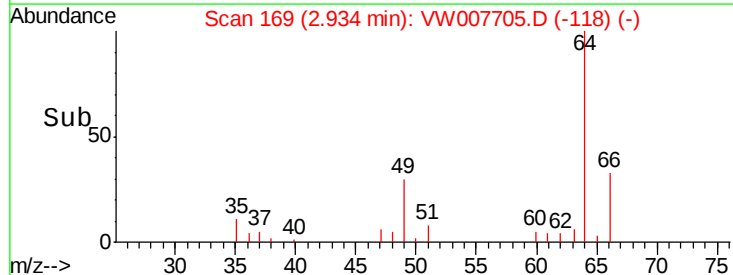
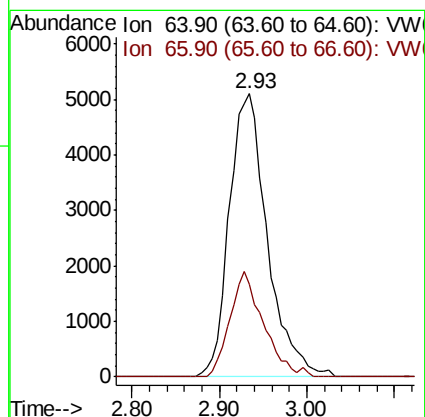
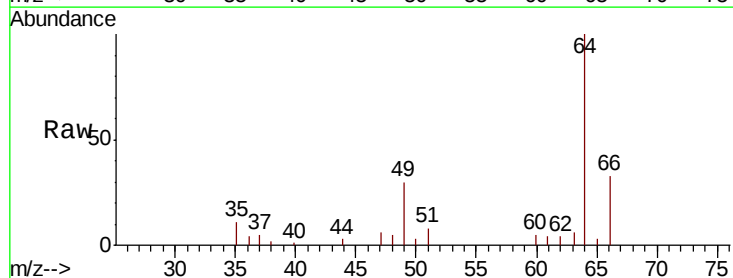
Acq: 19 Dec 2018 17:26

Tgt Ion: 64 Resp: 15427

Ion Ratio Lower Upper

64 100

66 32.6 26.2 39.4





#7

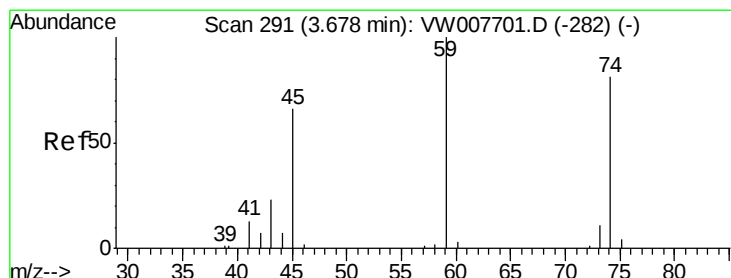
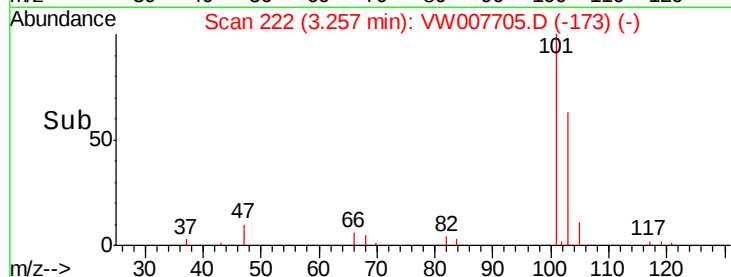
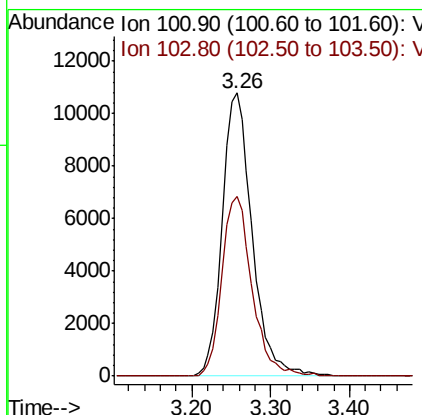
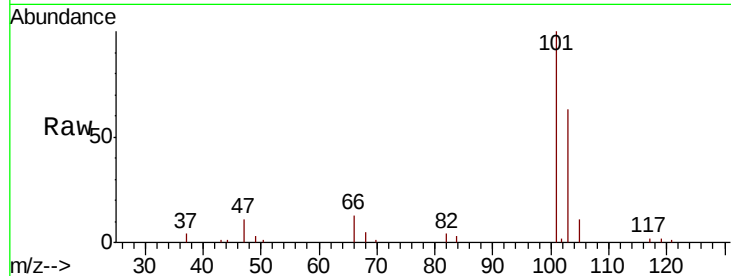
Trichlorofluoromethane
Concen: 50.648 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.00 min
Lab File: VW007705.D
Acq: 19 Dec 2018 17:26

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		28507		
103	63.4	53.4	80.2		

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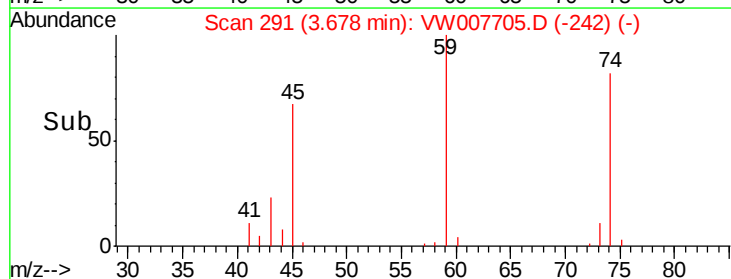
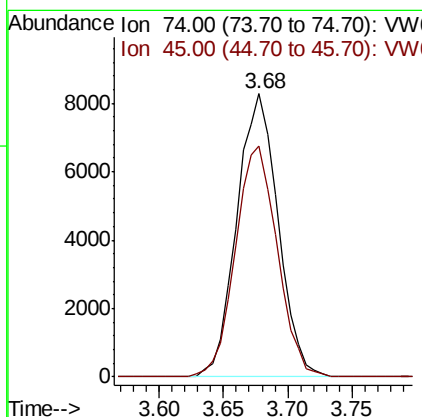
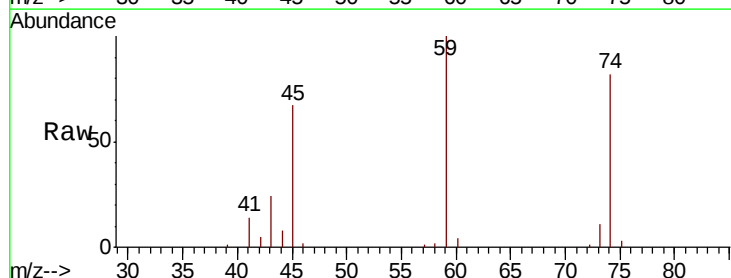
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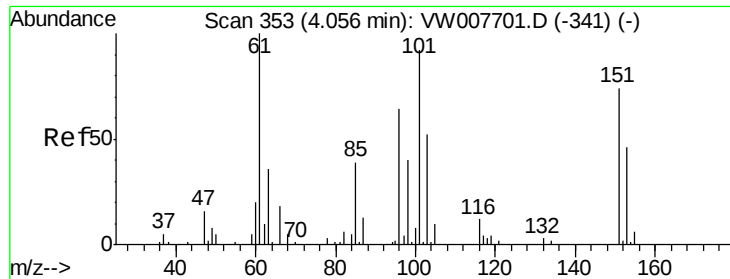


#8

Diethyl Ether
Concen: 53.158 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.00 min
Lab File: VW007705.D
Acq: 19 Dec 2018 17:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		18326		
45	82.9	39.4	118.1		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.488 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.01 min

Lab File: VW007705.D

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MSVOA_W

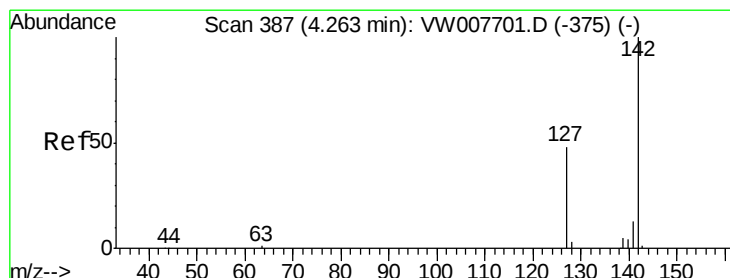
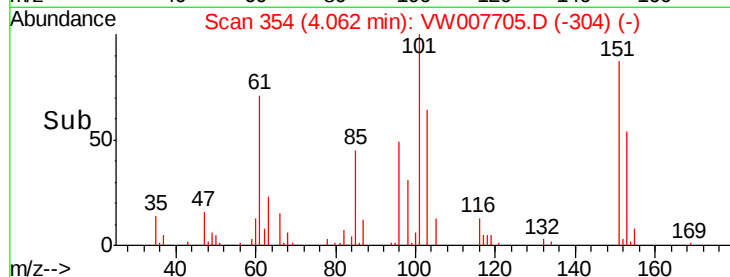
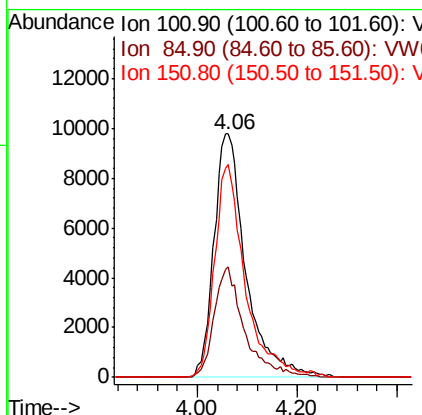
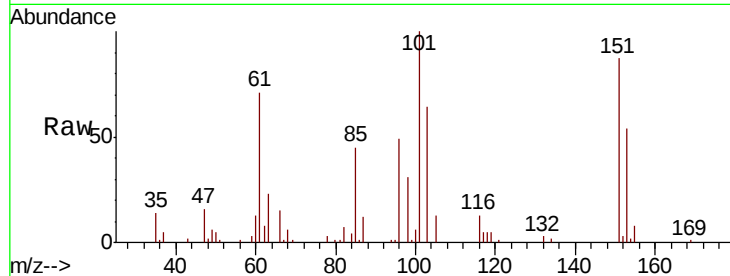
ClientSampleId :

ICVW122118

Tot Ion:	101	Resp:	43509
Ion Ratio	Lower	Upper	
101	100		
85	43.0	34.3	51.5
151	82.9	64.6	96.8

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#10

Methyl Iodide

Concen: 50.961 ug/l

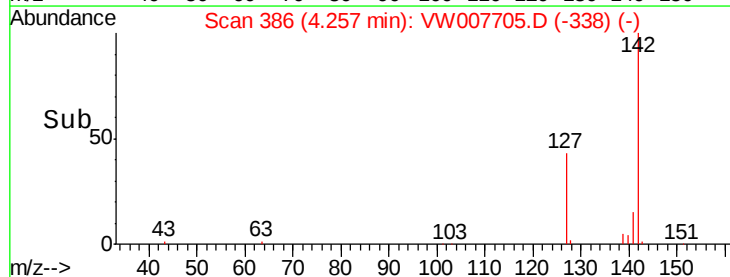
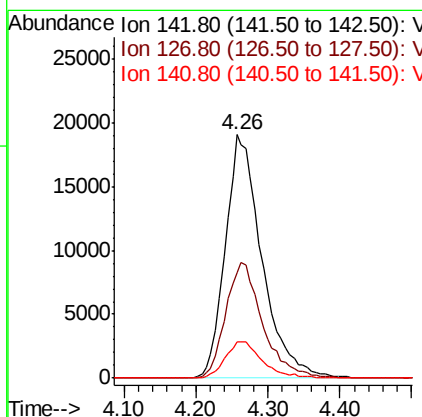
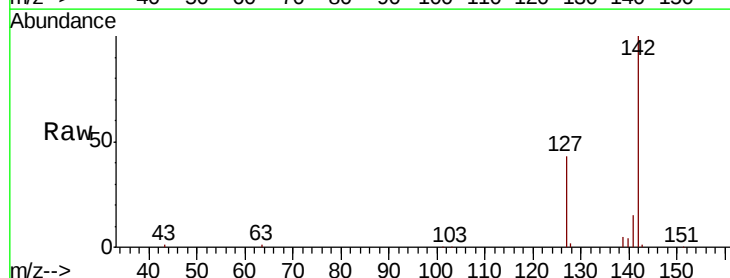
RT: 4.26 min Scan# 386

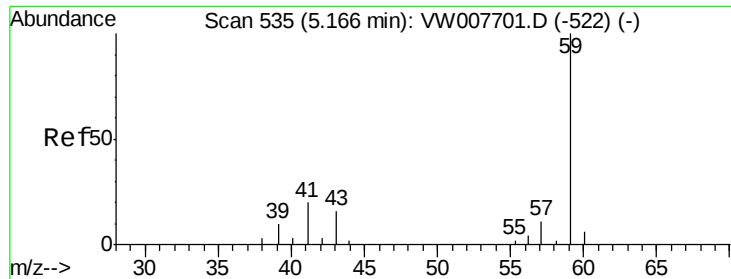
Delta R.T. -0.01 min

Lab File: VW007705.D

Acq: 19 Dec 2018 17:26

Tgt Ion:	142	Resp:	67178
Ion Ratio	Lower	Upper	
142	100		
127	47.9	37.7	56.5
141	15.2	11.5	17.3





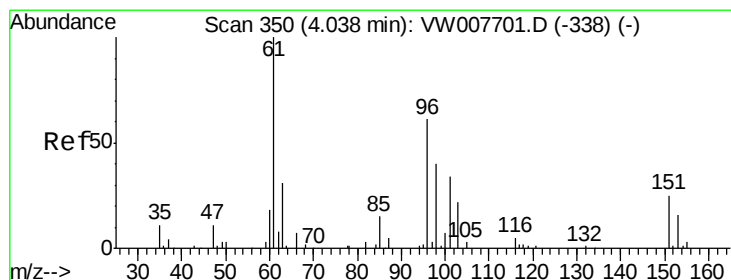
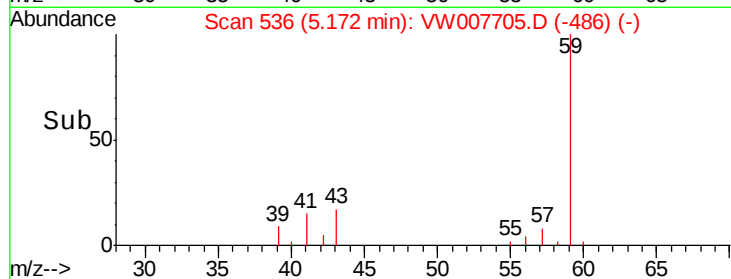
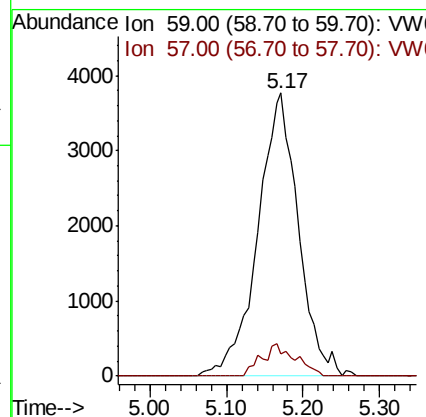
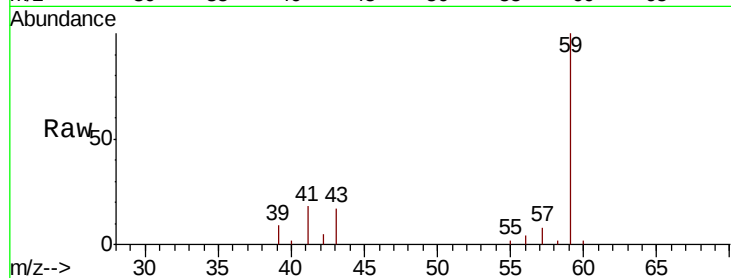
#11
Tert butyl alcohol
Concen: 241.298 ug/l
RT: 5.17 min Scan# 536
Delta R.T. 0.01 min
Lab File: VW007705.D
Acq: 19 Dec 2018 17:26

Instrument :
MSVOA_W
ClientSampleId :
ICVW122118

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.5	7.8	11.8

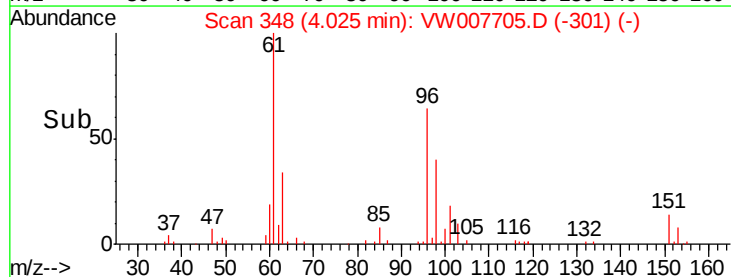
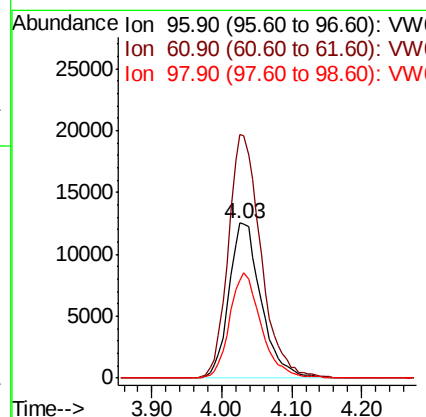
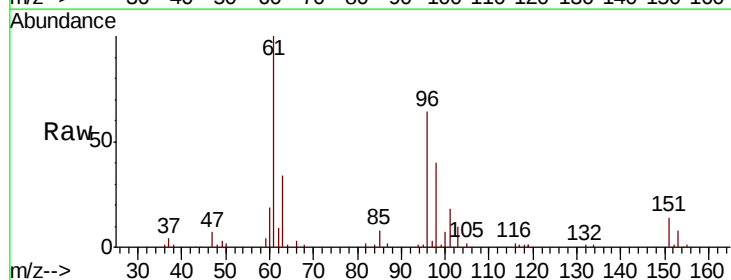
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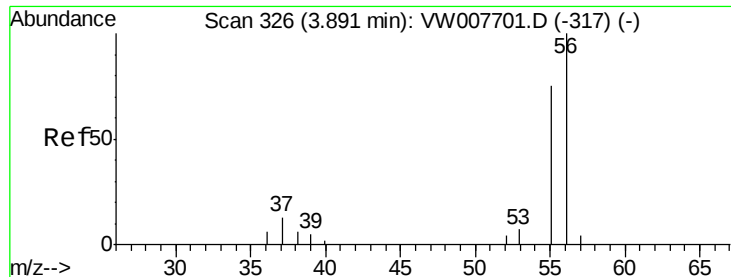
apatel
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#12
1,1-Dichloroethene
Concen: 52.436 ug/l
RT: 4.03 min Scan# 348
Delta R.T. -0.01 min
Lab File: VW007705.D
Acq: 19 Dec 2018 17:26

Tgt Ion	Ratio	Lower	Upper
96	100		
61	157.1	130.6	195.8
98	63.4	52.3	78.5





#13

Acrolein

Concen: 217.580 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW007705.D

Acq: 19 Dec 2018 17:26

Instrument :

MSVOA_W

ClientSampleId :

ICVW122118

Tot Ion: 56 Resp: 10007

Ion Ratio Lower Upper

56 100

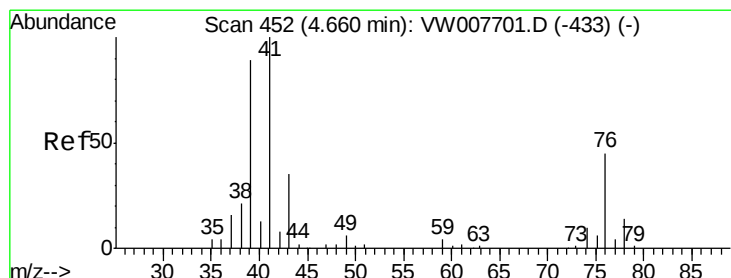
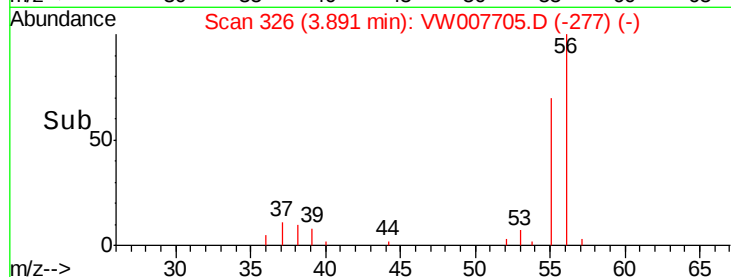
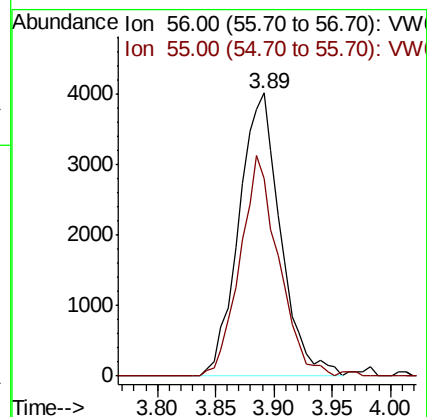
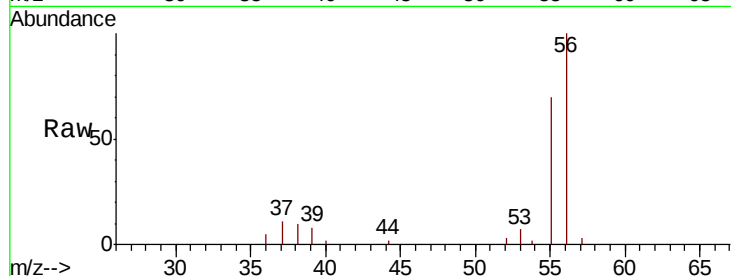
55 72.2 57.7 86.5

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#14

Allyl chloride

Concen: 54.382 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.00 min

Lab File: VW007705.D

Acq: 19 Dec 2018 17:26

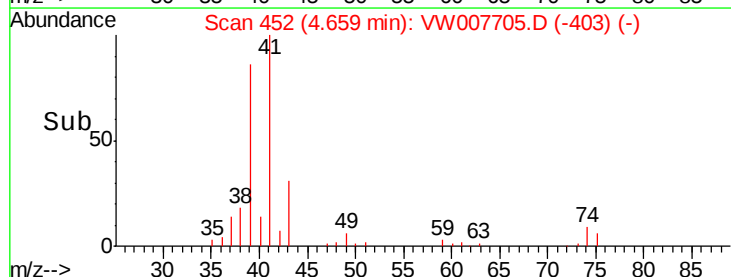
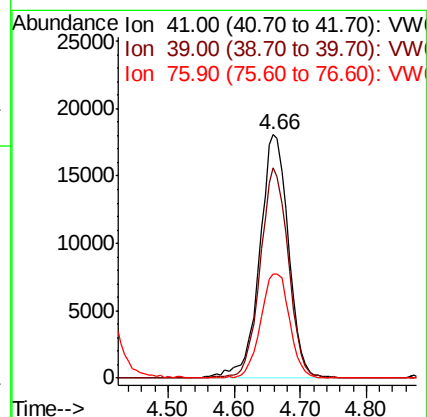
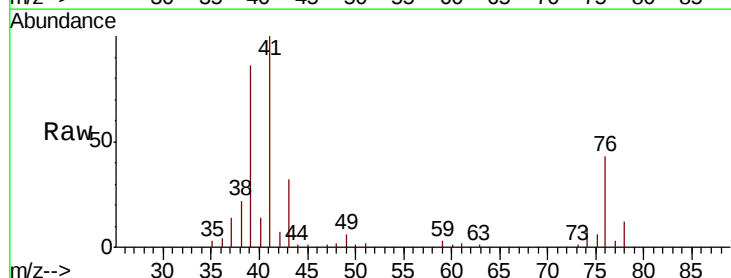
Tgt Ion: 41 Resp: 54740

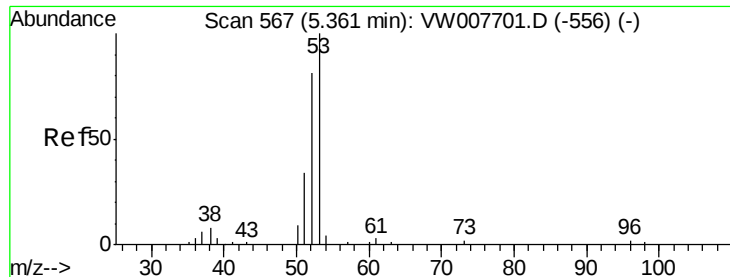
Ion Ratio Lower Upper

41 100

39 84.4 69.5 104.3

76 42.8 34.8 52.2





#15

Acrylonitrile

Concen: 233.998 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.01 min

Lab File: VW007705.D

Acq: 19 Dec 2018 17:26

Instrument :

MSVOA_W

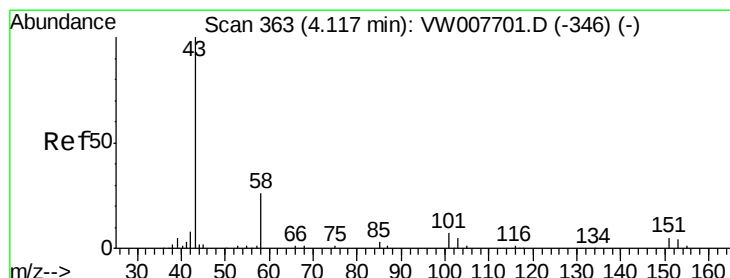
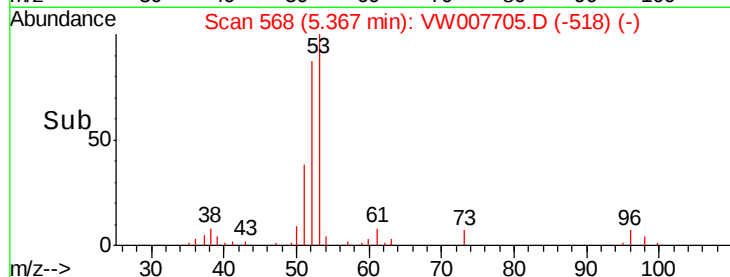
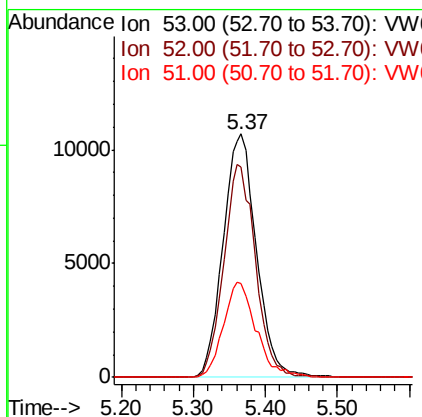
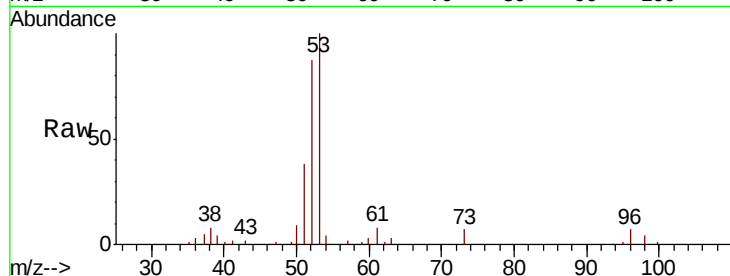
ClientSampled :

ICVW122118

Tot Ion:	53	Resp:	34411
Ion	Ratio	Lower	Upper
53	100		
52	82.9	67.0	100.4
51	38.4	30.2	45.2

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#16

Acetone

Concen: 247.347 ug/l

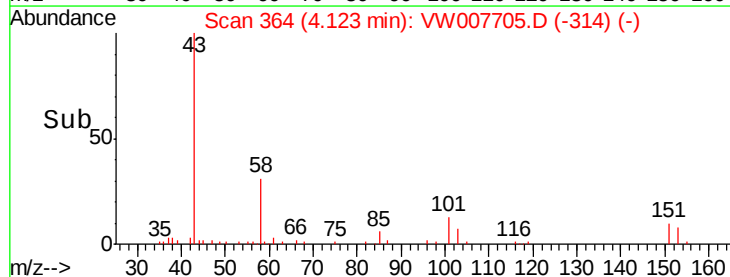
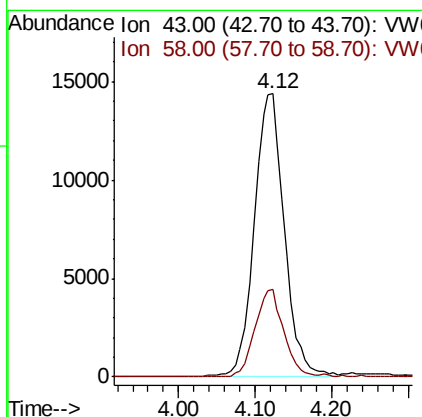
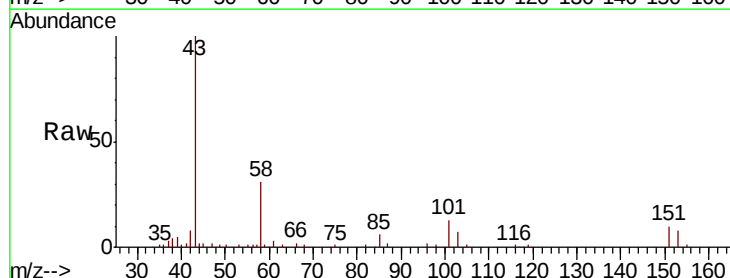
RT: 4.12 min Scan# 364

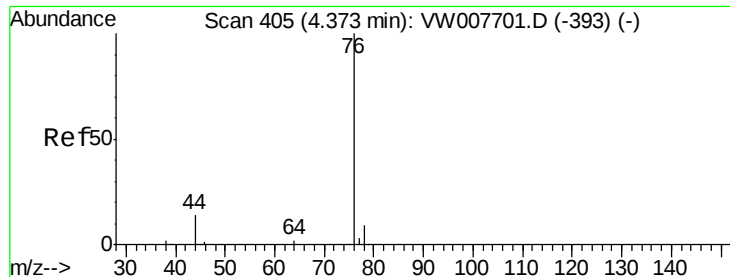
Delta R.T. 0.01 min

Lab File: VW007705.D

Acq: 19 Dec 2018 17:26

Tgt Ion:	43	Resp:	39496
Ion	Ratio	Lower	Upper
43	100		
58	30.8	21.2	31.8





#17

Carbon Disulfide

Concen: 52.682 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.00 min

Lab File: VW007705.D

Acq: 19 Dec 2018 17:26

Instrument :

MSVOA_W

ClientSampleId :

ICVW122118

Tot Ion: 76 Resp: 125137

Ion Ratio Lower Upper

76 100

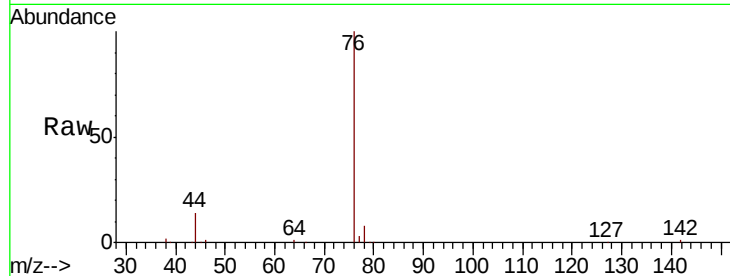
78 8.3 7.3 10.9

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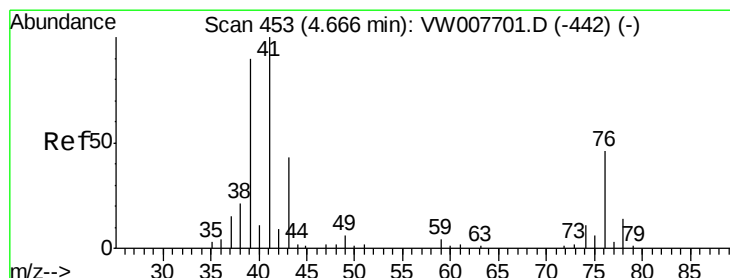
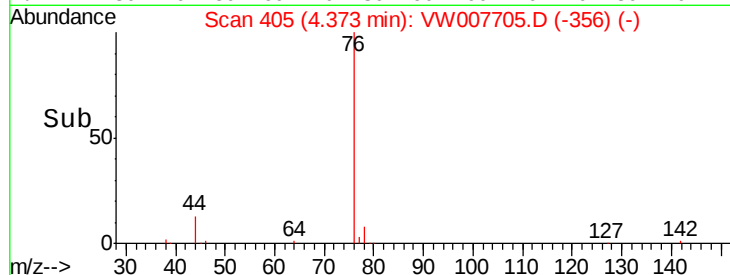
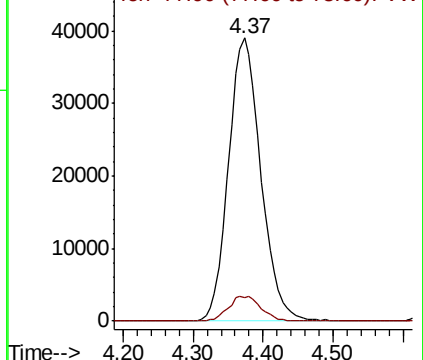
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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 48.427 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW007705.D

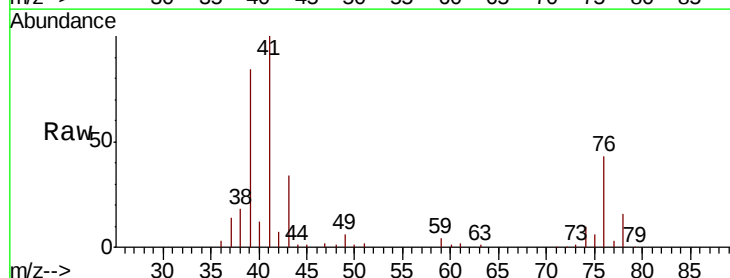
Acq: 19 Dec 2018 17:26

Tgt Ion: 43 Resp: 18390

Ion Ratio Lower Upper

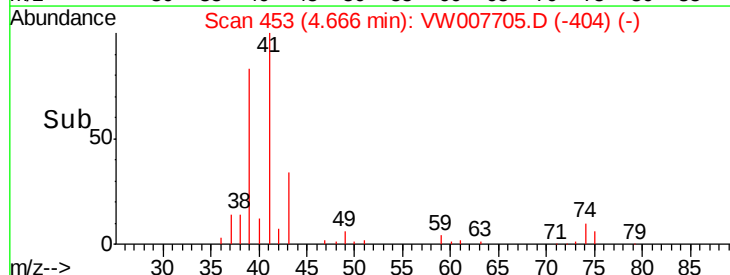
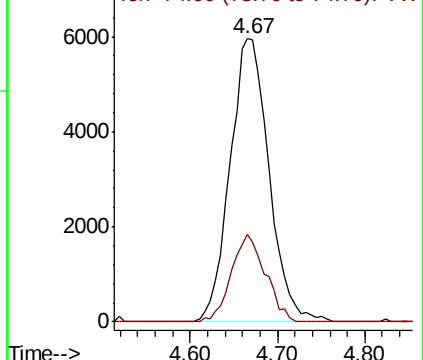
43 100

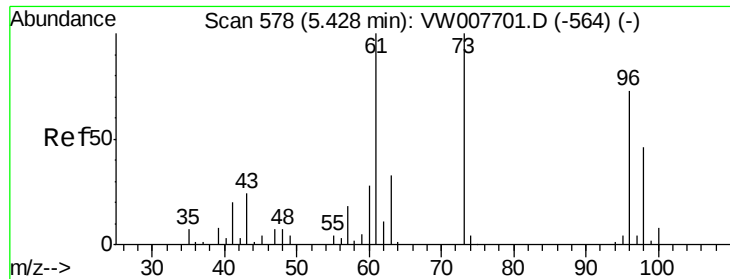
74 27.1 22.7 34.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW





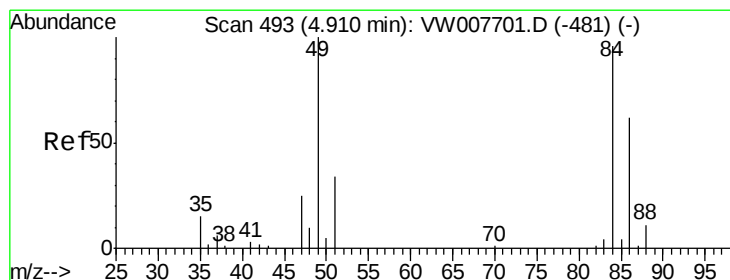
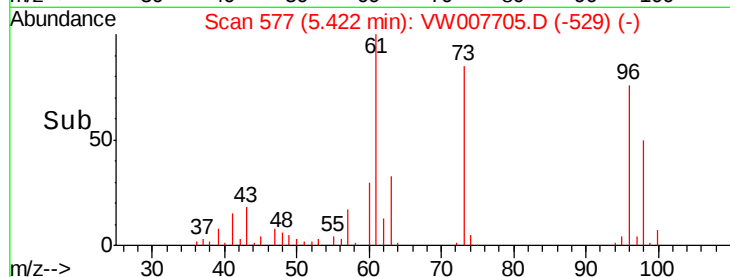
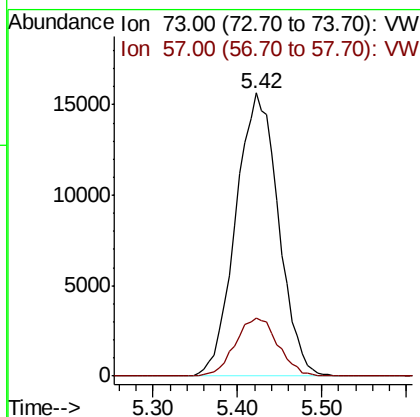
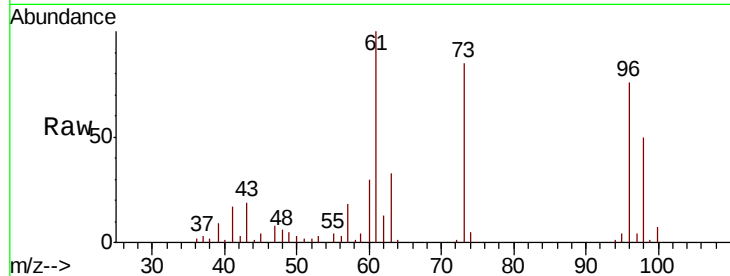
#19
Methvl tert-butvl Ether
Concen: 49.033 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW007705.D
Acq: 19 Dec 2018 17:26

Instrument :
MSVOA_W
ClientSampleId :
ICVW122118

Tot Ion: 73 Resp: 54032
Ion Ratio Lower Upper
73 100
57 20.7 14.7 22.1

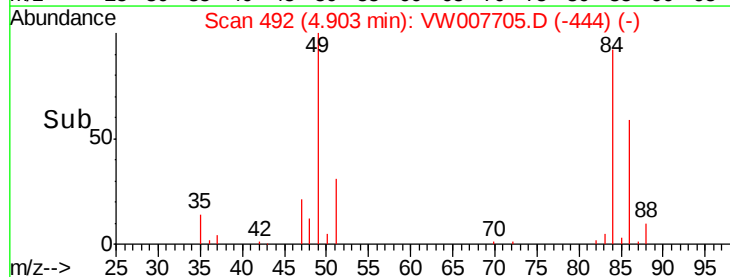
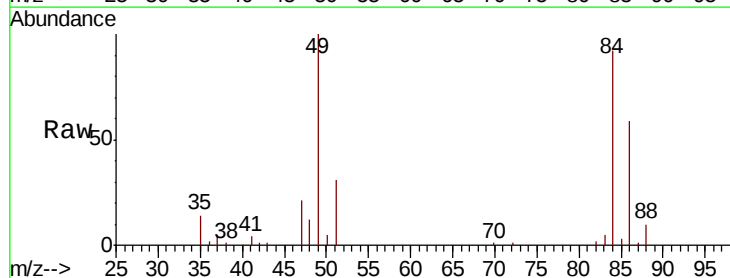
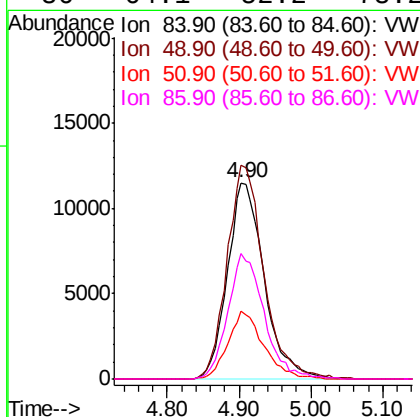
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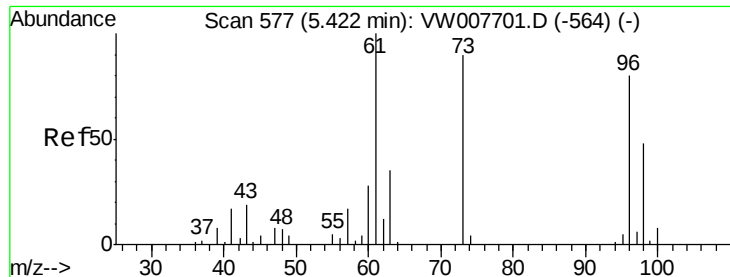
apatel
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#20
Methylene Chloride
Concen: 51.278 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW007705.D
Acq: 19 Dec 2018 17:26

Tgt Ion: 84 Resp: 40819
Ion Ratio Lower Upper
84 100
49 109.0 83.7 125.5
51 34.3 28.2 42.2
86 64.1 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 52.255 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW007705.D

Acq: 19 Dec 2018 17:26

Instrument :

MSVOA_W

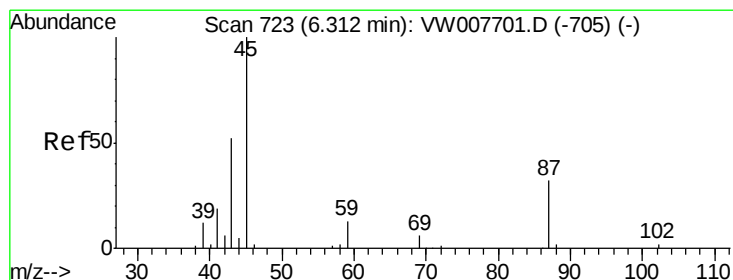
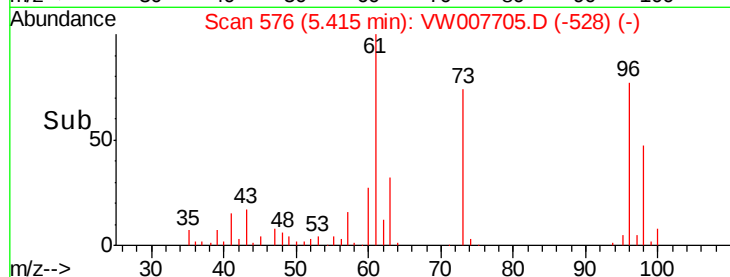
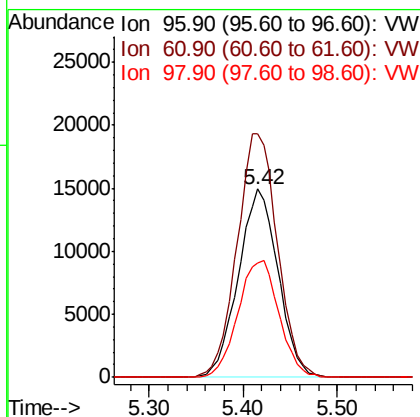
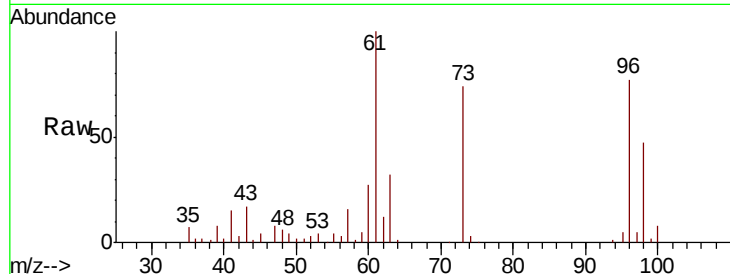
ClientSampleId :

ICVW122118

Tot Ion:	96	Resp:	44113
Ion	Ratio	Lower	Upper
96	100		
61	129.2	100.1	150.1
98	61.1	48.5	72.7

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#22

Diisopropyl ether

Concen: 53.070 ug/l

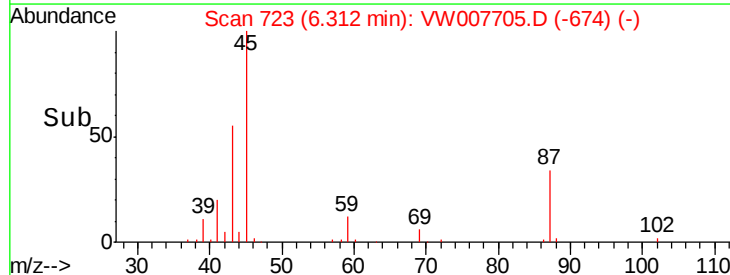
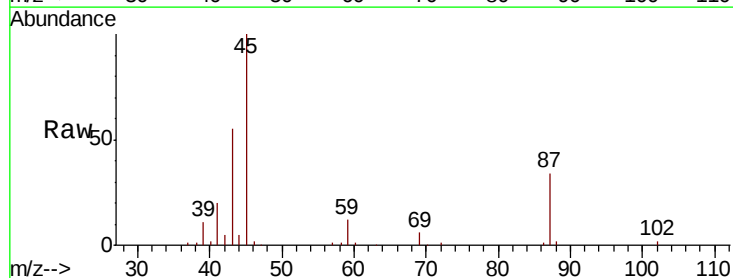
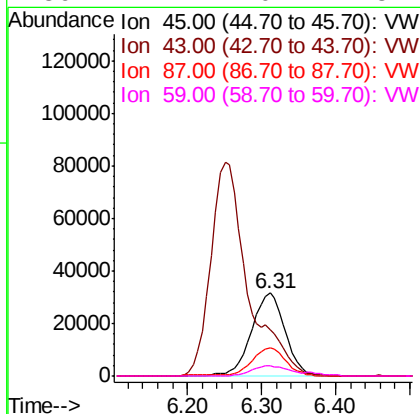
RT: 6.31 min Scan# 723

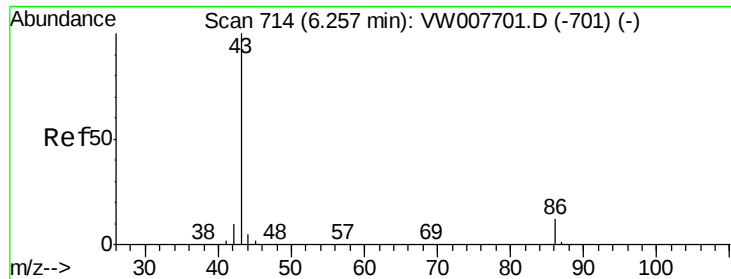
Delta R.T. -0.00 min

Lab File: VW007705.D

Acq: 19 Dec 2018 17:26

Tgt Ion:	45	Resp:	100025
Ion	Ratio	Lower	Upper
45	100		
43	54.8	43.7	65.5
87	34.0	26.6	40.0
59	11.2	10.2	15.2





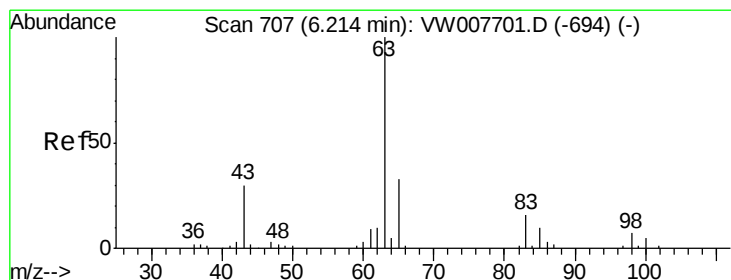
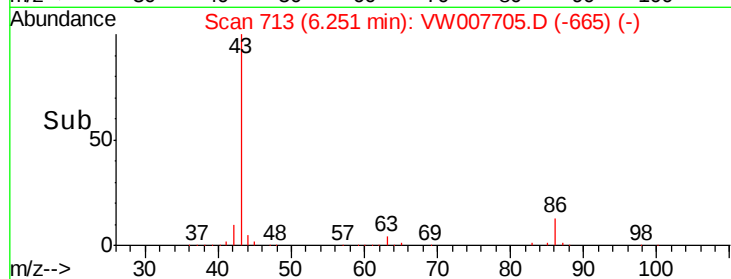
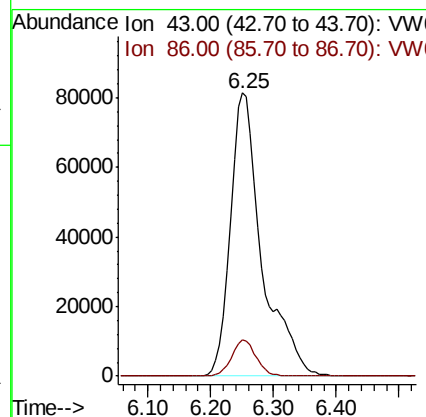
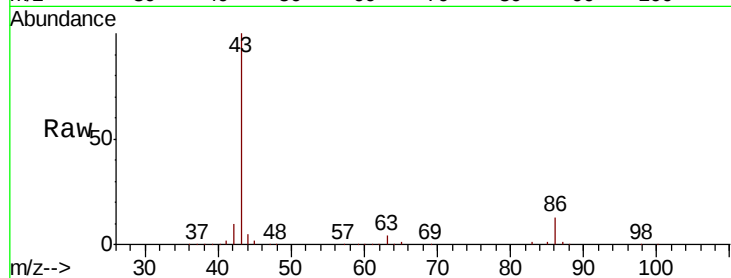
#23
 Vinyl Acetate
 Concen: 251.919 ug/l
 RT: 6.25 min Scan# 713
 Delta R.T. -0.01 min
 Lab File: VW007705.D
 Acq: 19 Dec 2018 17:26

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW122118

Tot Ion	Ratio	Lower	Upper
43	100		
86	12.7	9.6	14.4

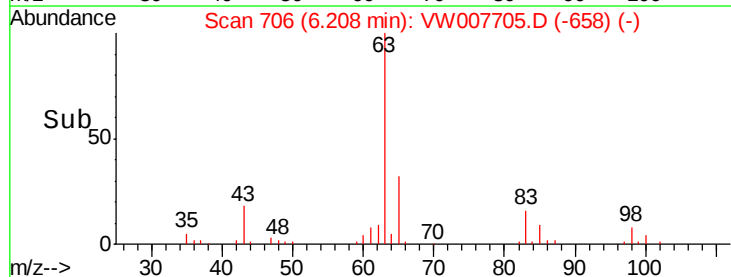
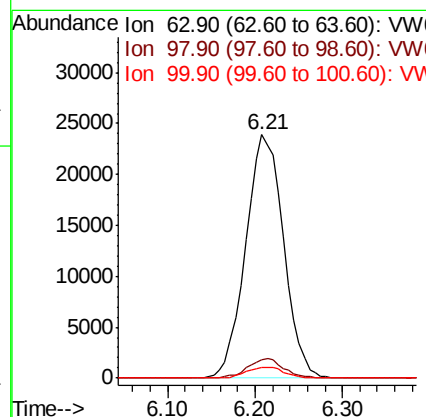
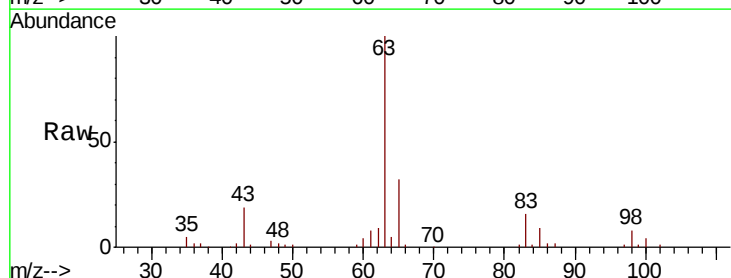
Manual Integrations
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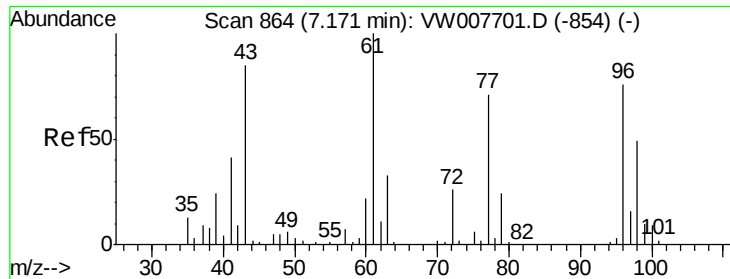
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#24
 1,1-Dichloroethane
 Concen: 51.990 ug/l
 RT: 6.21 min Scan# 706
 Delta R.T. -0.01 min
 Lab File: VW007705.D
 Acq: 19 Dec 2018 17:26

Tgt Ion	Ratio	Lower	Upper
63	100		
98	7.6	3.6	10.9
100	4.4	2.5	7.5





#25

2-Butanone

Concen: 228.883 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW007705.D

Acq: 19 Dec 2018 17:26

Tot Ion: 43 Resp: 42808

Ion Ratio Lower Upper

43 100

72 29.6 24.5 36.7

Instrument :

MSVOA_W

ClientSampleId :

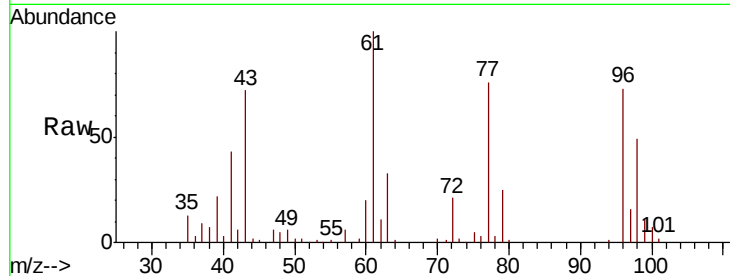
ICVW122118

Manual Integrations

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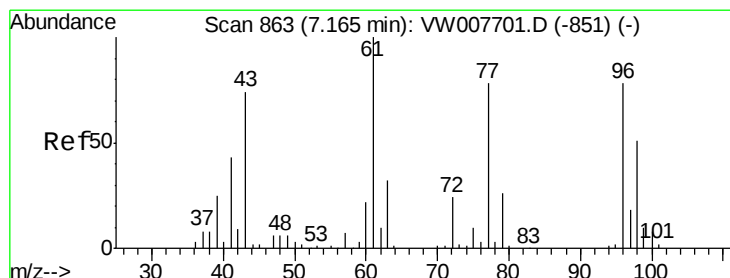
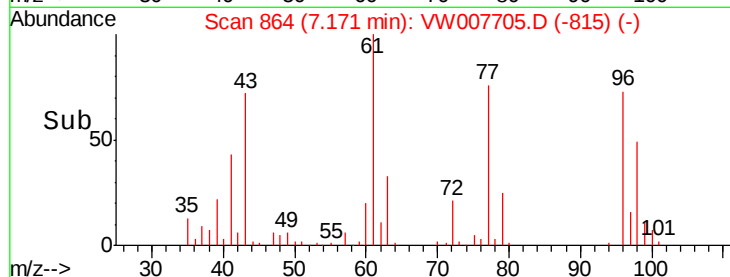
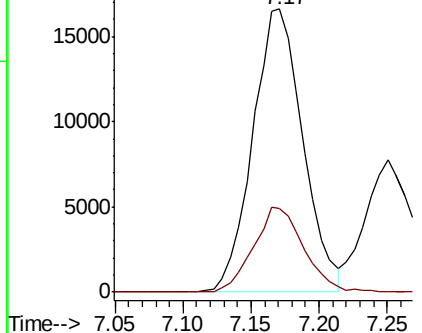
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 53.336 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW007705.D

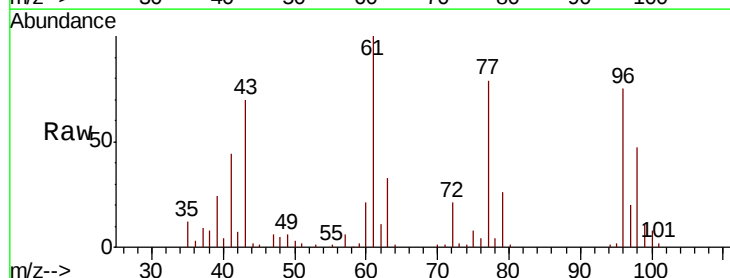
Acq: 19 Dec 2018 17:26

Tgt Ion: 77 Resp: 54116

Ion Ratio Lower Upper

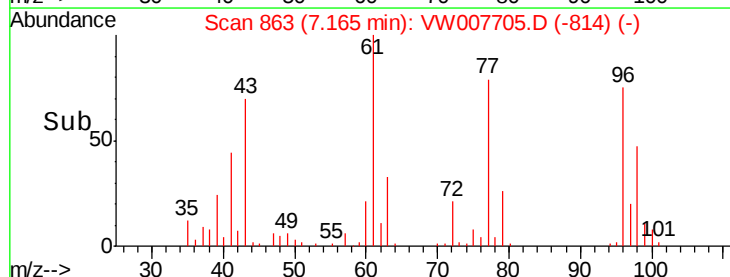
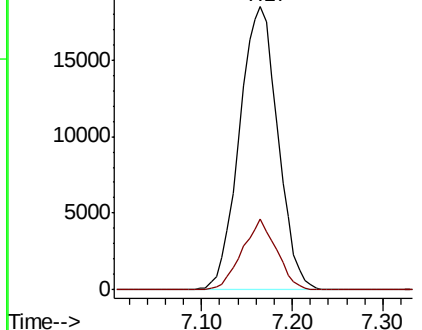
77 100

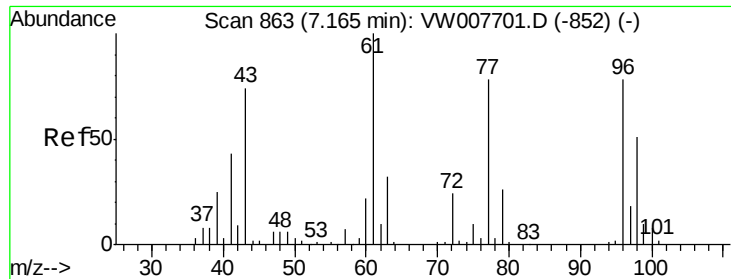
97 22.4 11.3 33.9



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW





#27

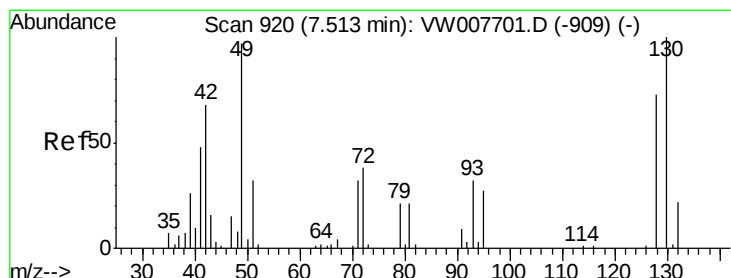
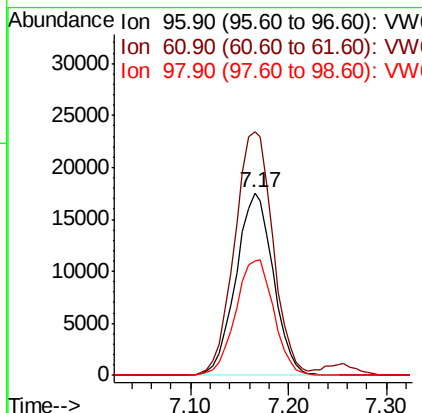
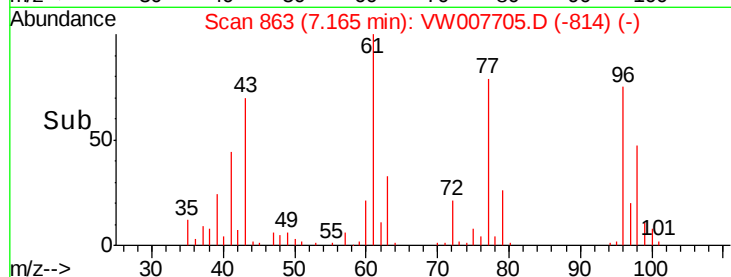
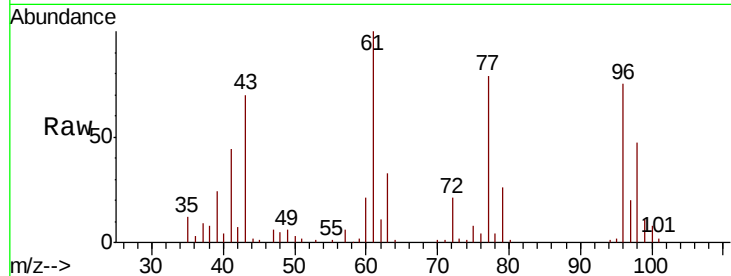
cis-1,2-Dichloroethene
Concen: 51.453 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW007705.D
Acq: 19 Dec 2018 17:26

Instrument :
MSVOA_W
ClientSampleId :
ICVW122118

Tot Ion	Ratio	Lower	Upper
96	100		
61	137.4	0.0	271.6
98	64.7	0.0	131.2

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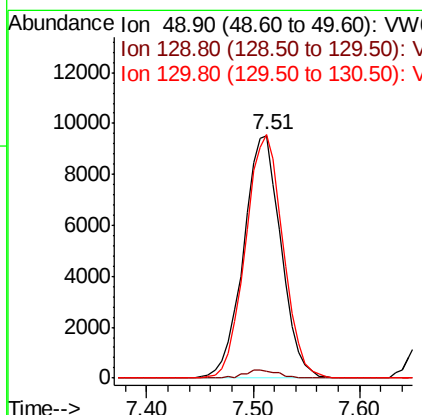
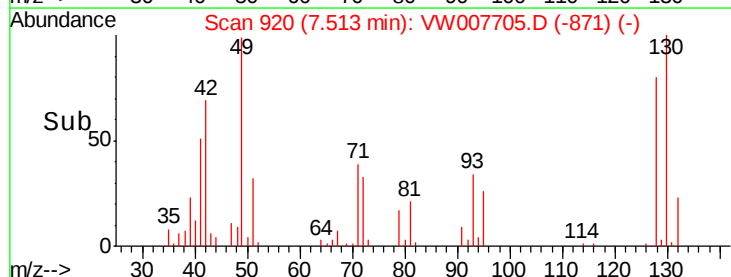
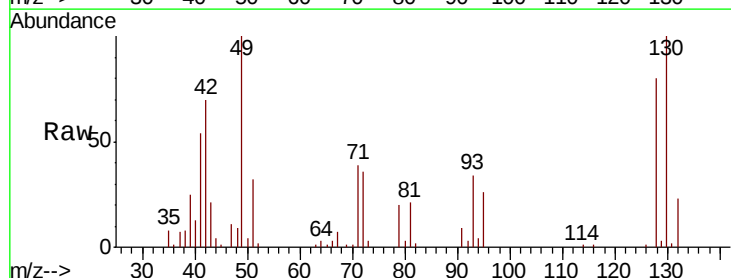
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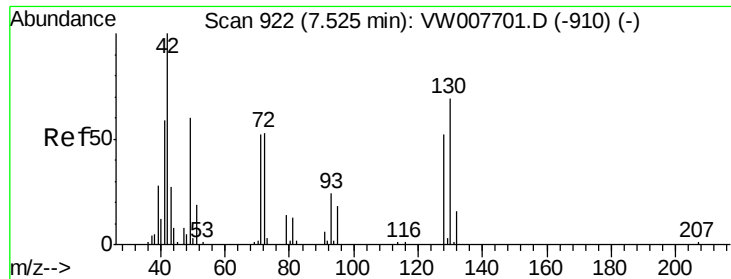


#28

Bromochloromethane
Concen: 49.751 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW007705.D
Acq: 19 Dec 2018 17:26

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	2.2#
130	100.4	81.5	122.3





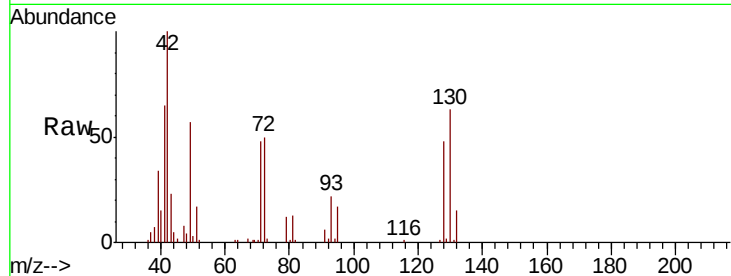
#29
Tetrahydrofuran
Concen: 235.433 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.00 min
Lab File: VW007705.D
Acq: 19 Dec 2018 17:26

Instrument :
MSVOA_W
ClientSampleId :
ICVW122118

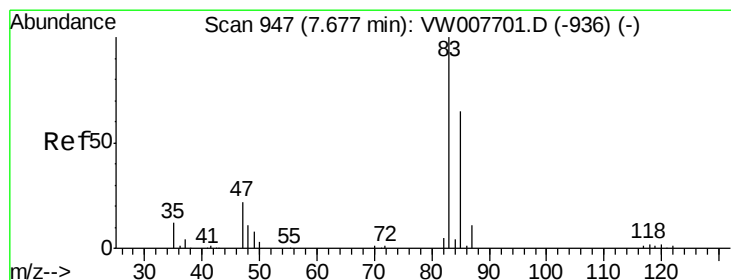
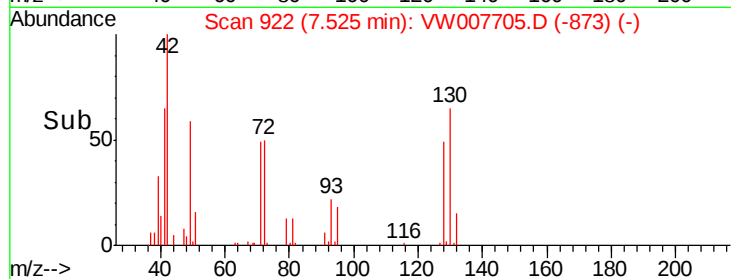
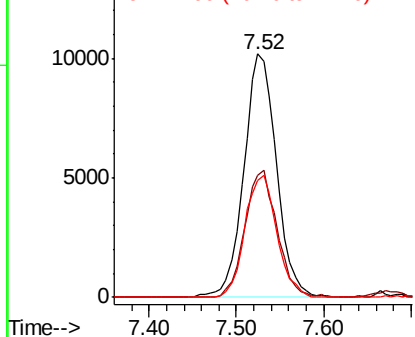
Tot Ion	Ratio	Lower	Upper
42	100		
72	51.6	41.7	62.5
71	49.0	39.0	58.6

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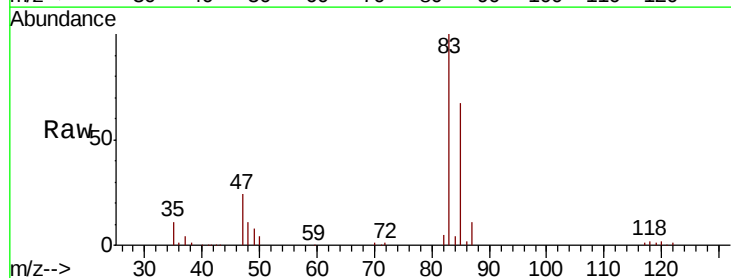


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

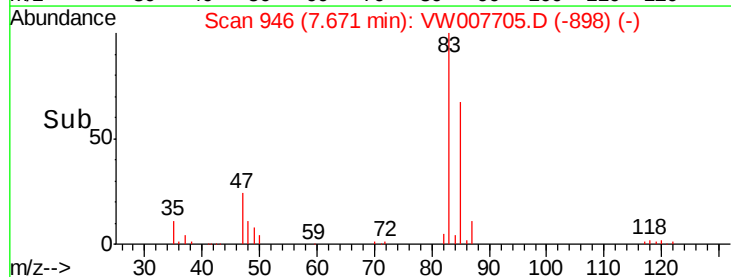
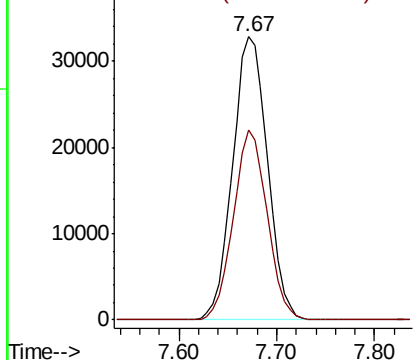


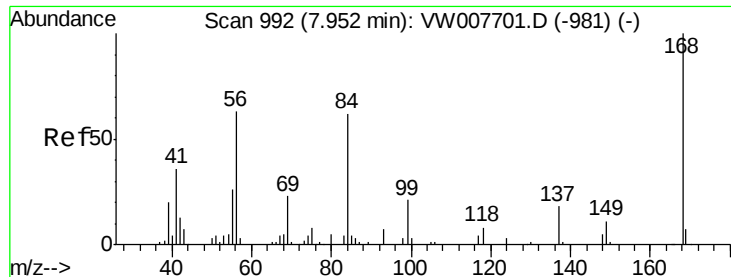
#30
Chloroform
Concen: 51.634 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW007705.D
Acq: 19 Dec 2018 17:26

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.9	52.2	78.2



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW





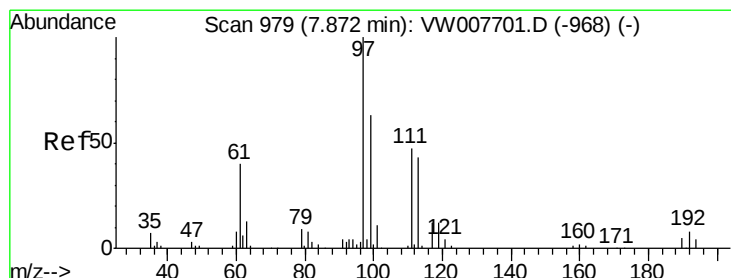
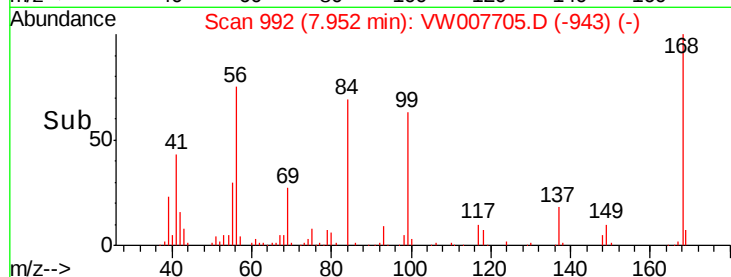
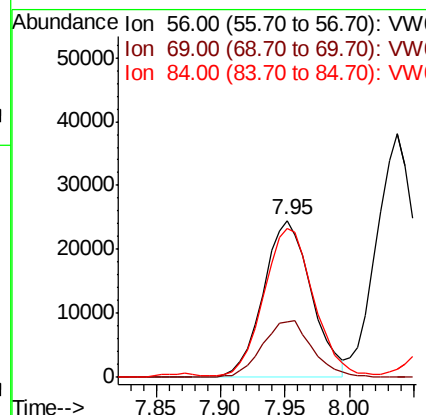
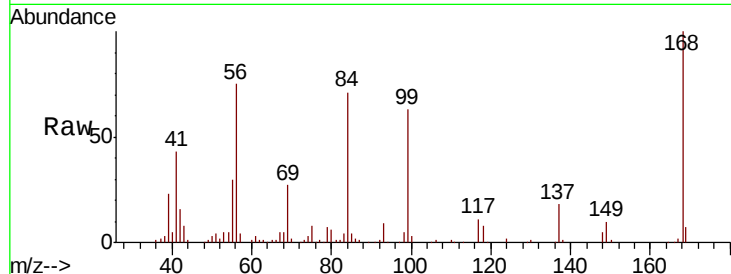
#31
Cyclohexane
Concen: 50.115 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW007705.D
Acq: 19 Dec 2018 17:26

Instrument :
MSVOA_W
ClientSampleId :
ICVW122118

Tot Ion	Ratio	Lower	Upper
56	100		
69	35.5	29.7	44.5
84	93.1	78.9	118.3

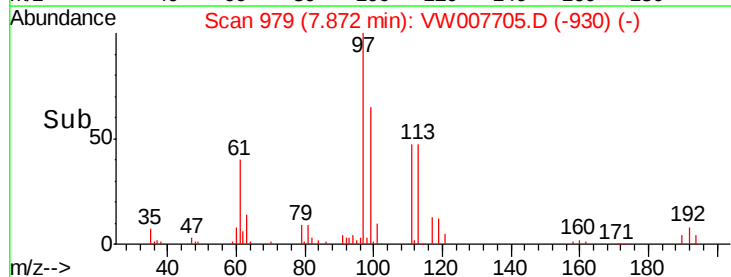
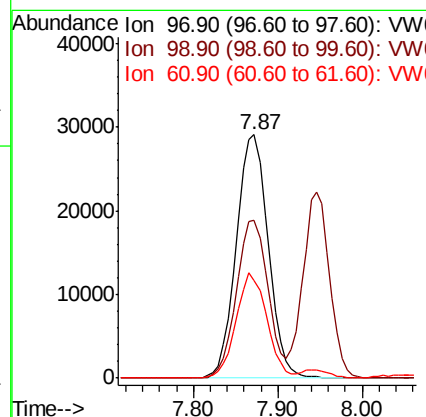
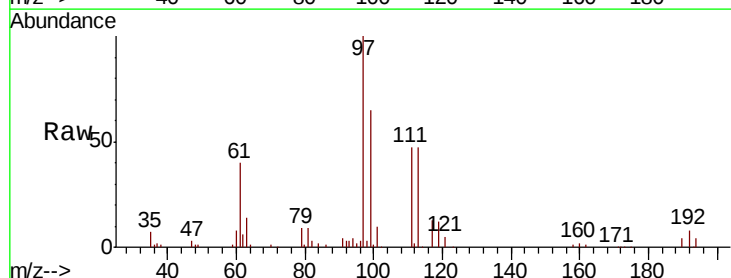
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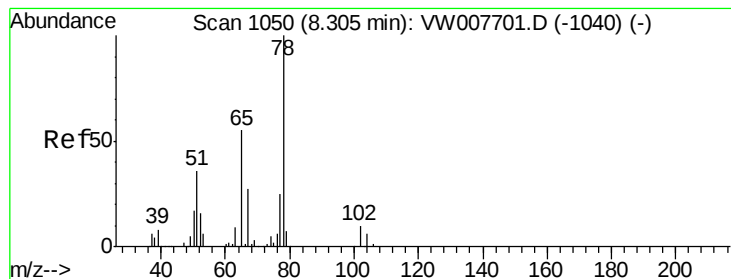
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#32
1,1,1-Trichloroethane
Concen: 52.158 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW007705.D
Acq: 19 Dec 2018 17:26

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.4	50.6	76.0
61	41.8	32.3	48.5





#33

1,2-Dichloroethane-d4

Concen: 47.357 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW007705.D

Acq: 19 Dec 2018 17:26

Instrument :

MSVOA_W

ClientSampleId :

ICVW122118

Tot Ion: 65 Resp: 40382

Ion Ratio Lower Upper

65 100

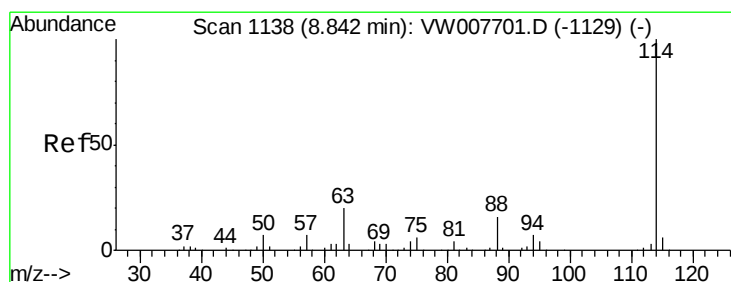
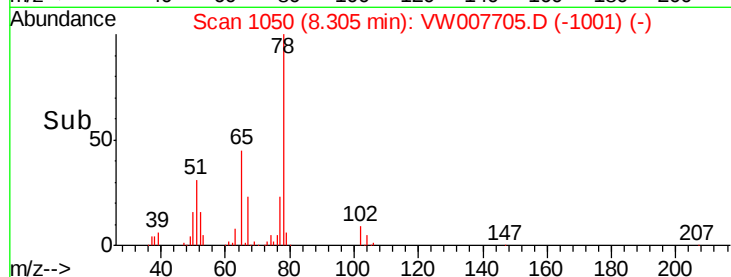
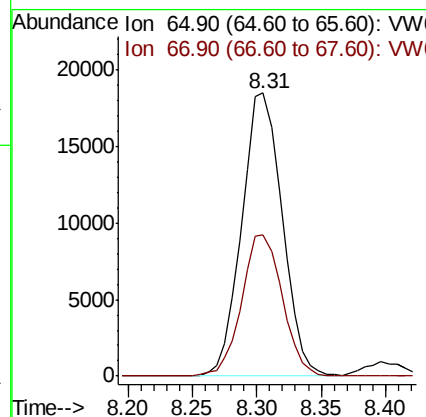
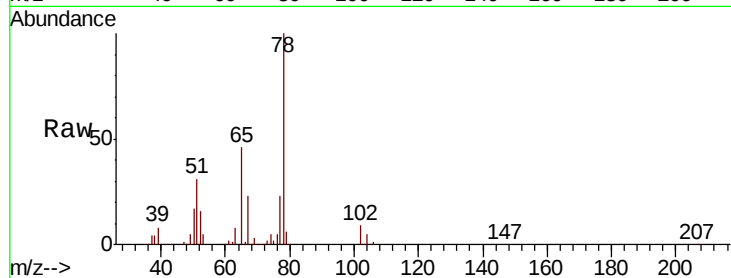
67 50.1 0.0 100.6

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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: VW007705.D

Acq: 19 Dec 2018 17:26

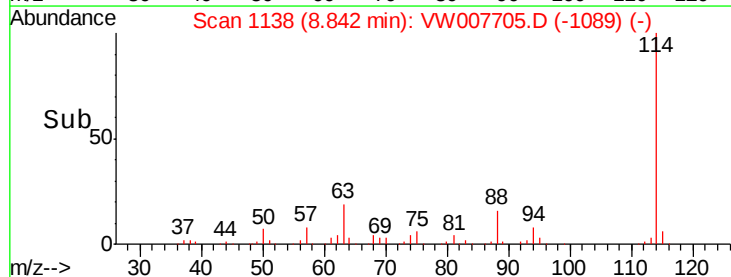
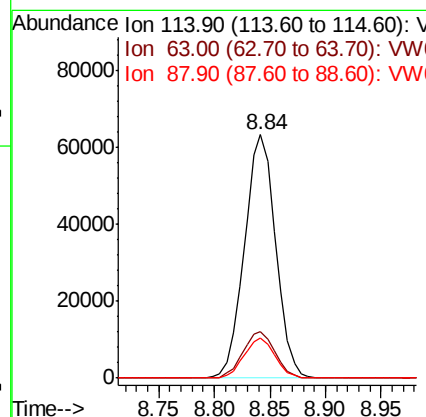
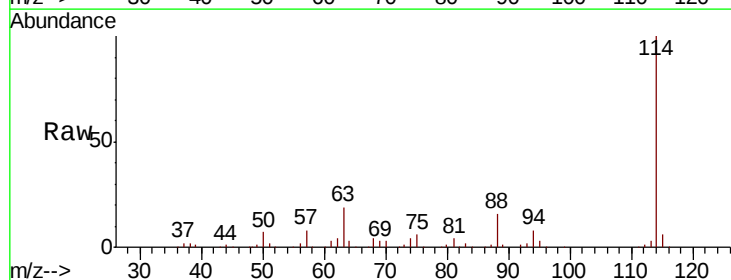
Tgt Ion: 114 Resp: 123096

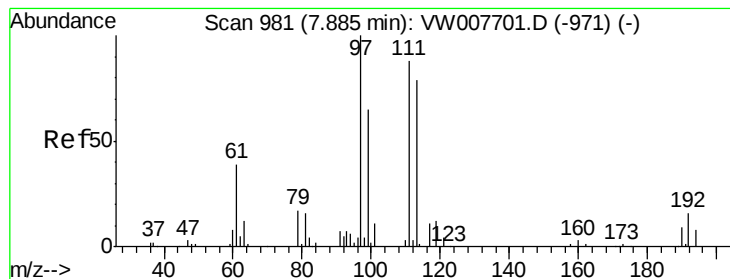
Ion Ratio Lower Upper

114 100

63 18.9 0.0 40.0

88 16.2 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.946 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW007705.D

Acq: 19 Dec 2018 17:26

Instrument :

MSVOA_W

ClientSampleId :

ICVW122118

Tot Ion:113 Resp: 38258

Ion Ratio Lower Upper

113 100

111 102.7 82.6 124.0

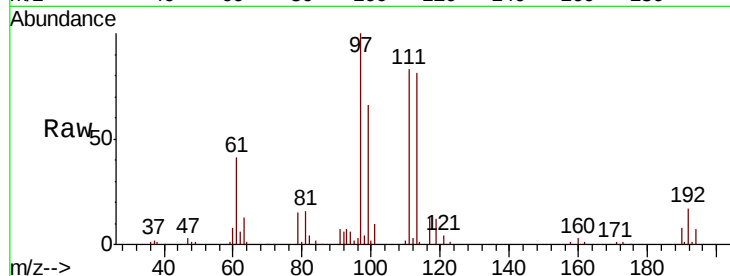
192 18.2 15.5 23.3

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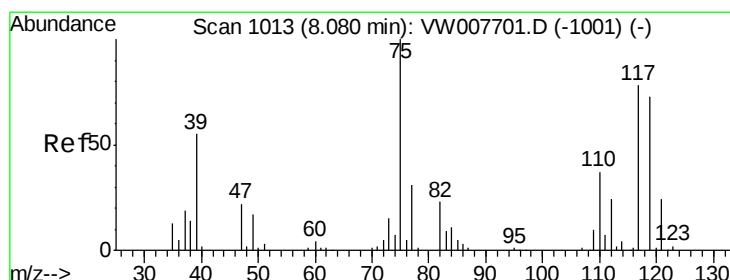
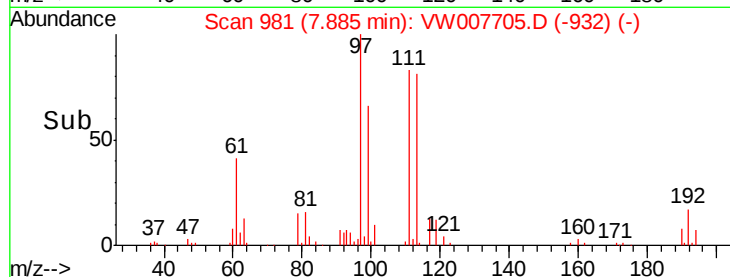
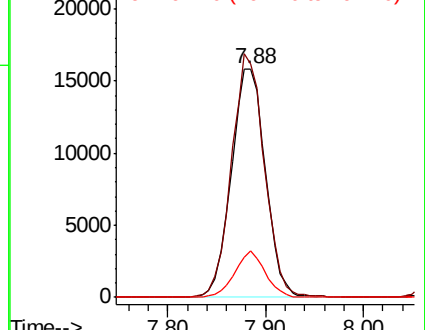


Abundance

Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 53.622 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VW007705.D

Acq: 19 Dec 2018 17:26

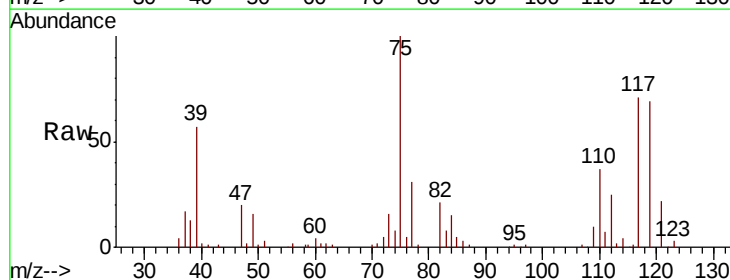
Tgt Ion: 75 Resp: 63708

Ion Ratio Lower Upper

75 100

110 37.2 18.6 55.8

77 31.3 25.0 37.4

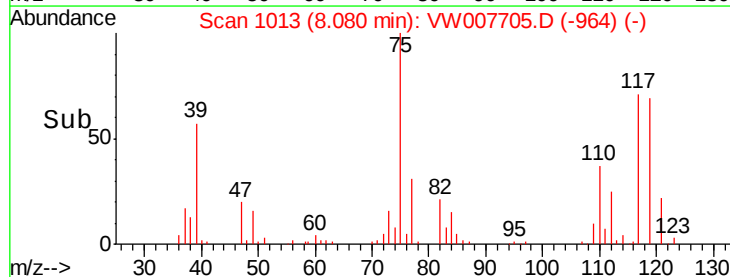
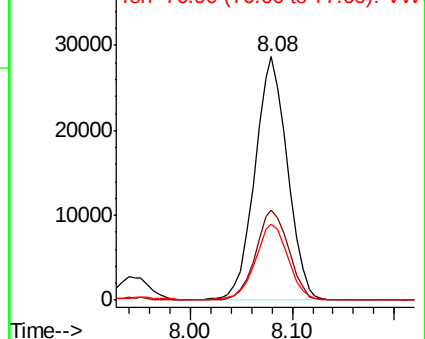


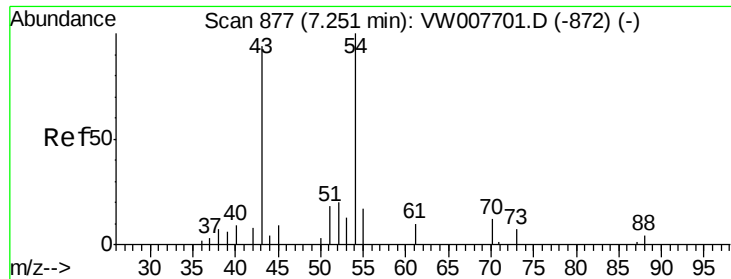
Abundance

Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#37

Ethyl Acetate

Concen: 47.392 ug/l

RT: 7.25 min Scan# 877

Delta R.T. -0.00 min

Lab File: VW007705.D

Acq: 19 Dec 2018 17:26

Instrument :

MSVOA_W

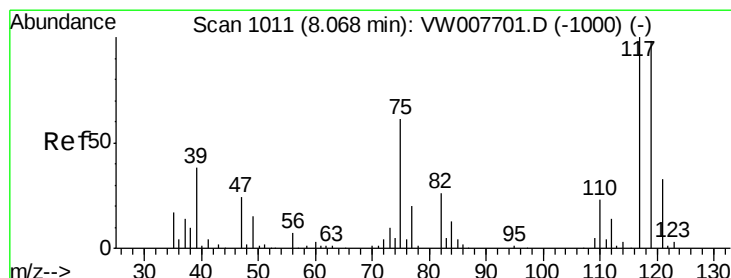
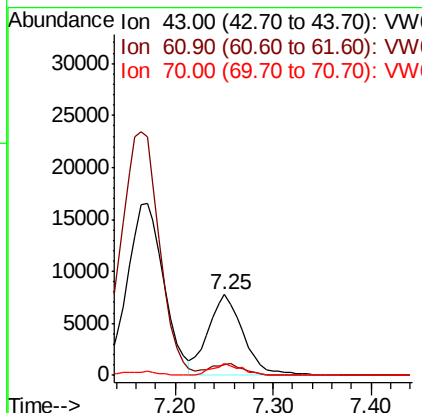
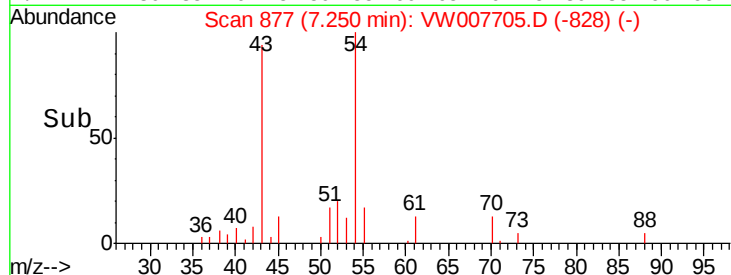
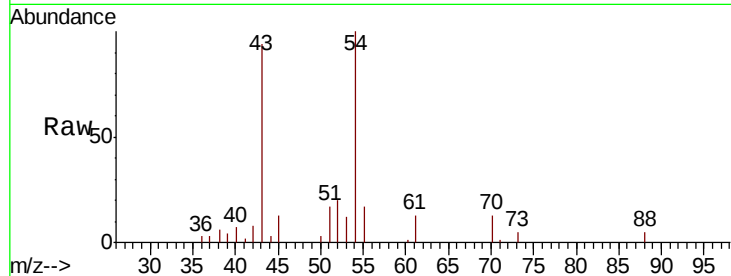
ClientSampleId :

ICVW122118

Tot Ion:	43	Resp:	19432
Ion	Ratio	Lower	Upper
43	100		
61	14.2	11.2	16.8
70	12.0	9.3	13.9

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#38

Carbon Tetrachloride

Concen: 52.300 ug/l

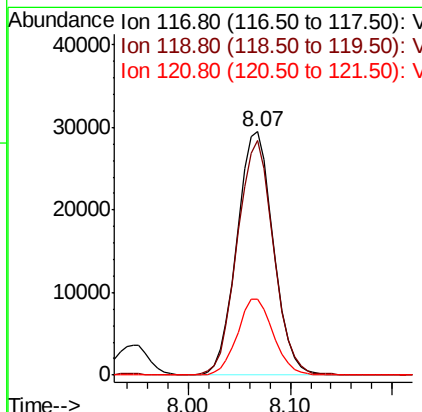
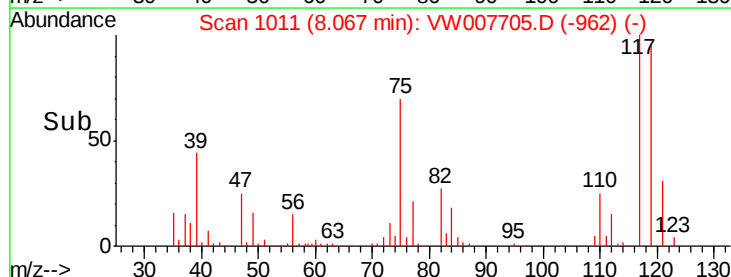
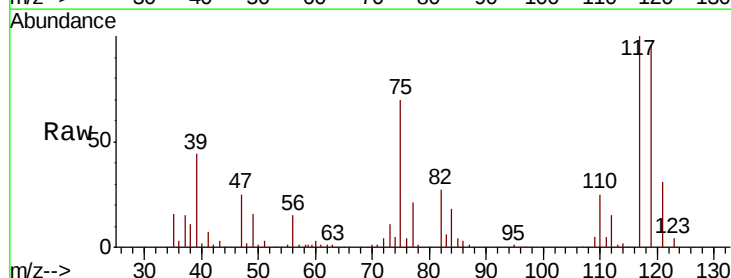
RT: 8.07 min Scan# 1011

Delta R.T. -0.00 min

Lab File: VW007705.D

Acq: 19 Dec 2018 17:26

Tgt Ion:	117	Resp:	73179
Ion	Ratio	Lower	Upper
117	100		
119	96.3	78.2	117.2
121	31.2	26.1	39.1





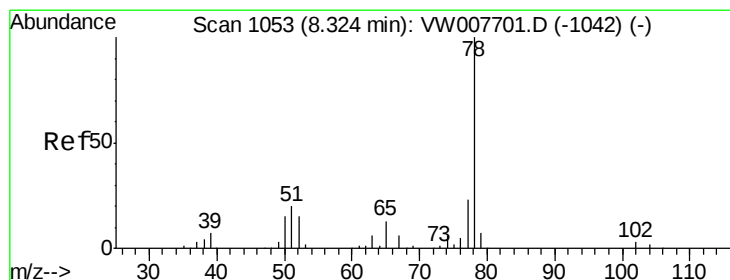
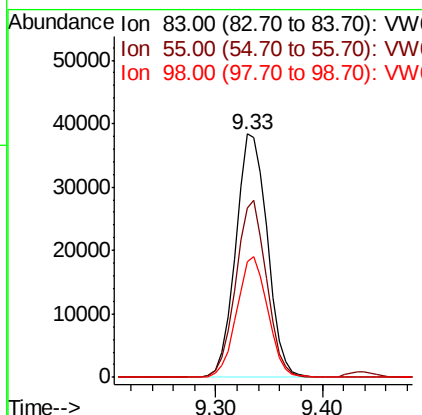
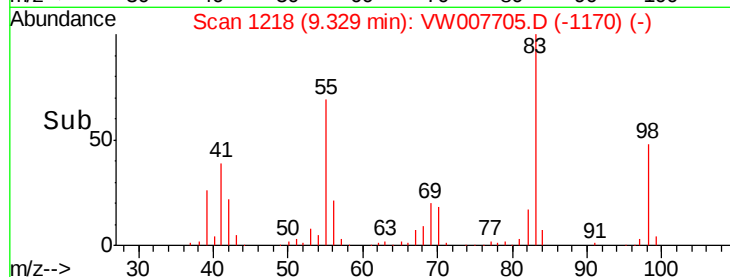
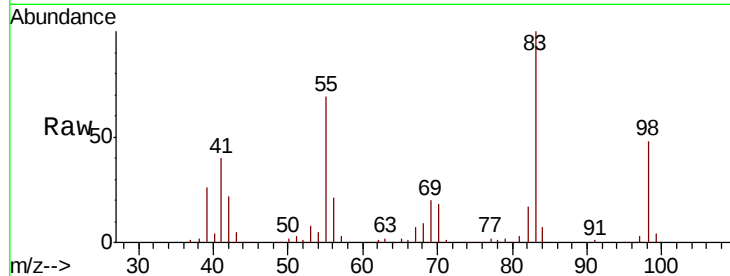
#39
Methvlcvclohexane
Concen: 54.231 ug/l
RT: 9.33 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW007705.D
Acq: 19 Dec 2018 17:26

Instrument :
MSVOA_W
ClientSampleId :
ICVW122118

Tot Ion	Ratio	Lower	Upper
83	100		
55	69.4	57.2	85.8
98	47.7	38.6	58.0

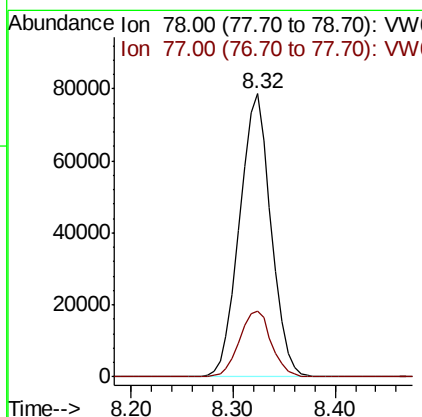
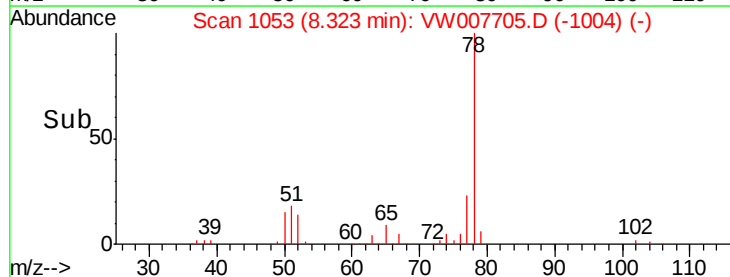
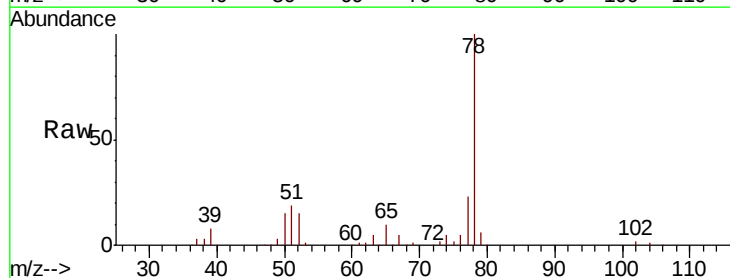
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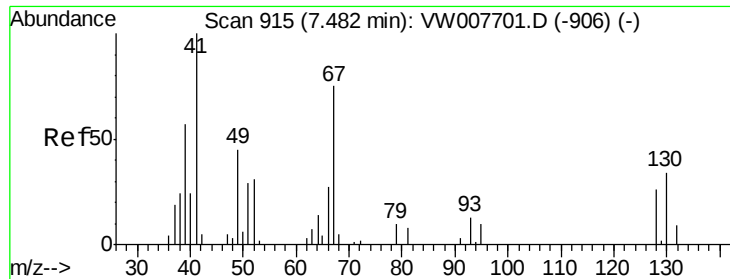
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#40
Benzene
Concen: 52.982 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW007705.D
Acq: 19 Dec 2018 17:26

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	18.7	28.1





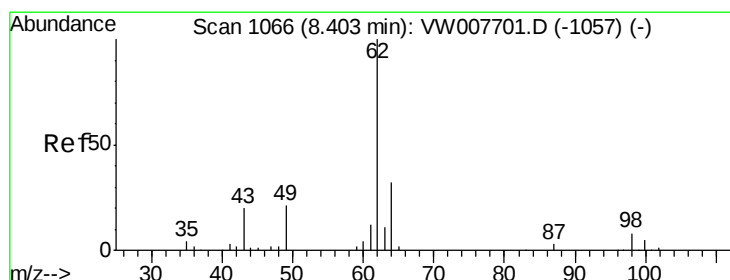
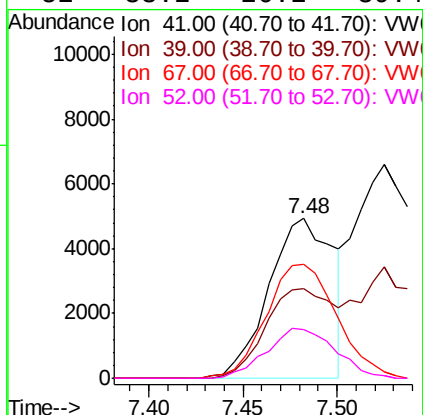
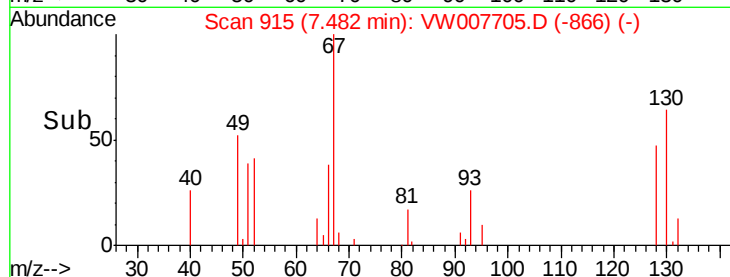
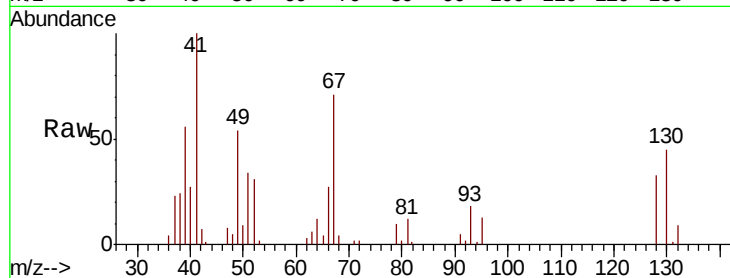
#41
Methacrylonitrile
Concen: 50.422 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW007705.D
Acq: 19 Dec 2018 17:26

Instrument :
MSVOA_W
ClientSampleId :
ICVW122118

Tot Ion:	41	Resp:	11738
Ion	Ratio	Lower	Upper
41	100		
39	58.9	54.2	81.4
67	77.3	65.7	98.5
52	33.2	26.2	39.4

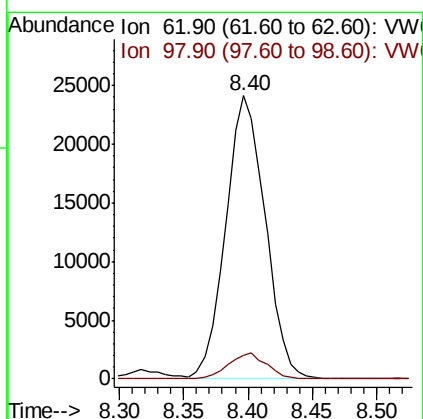
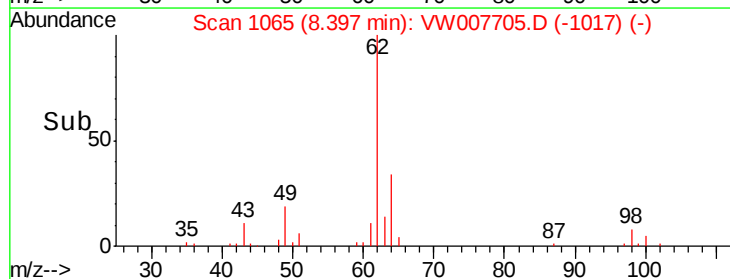
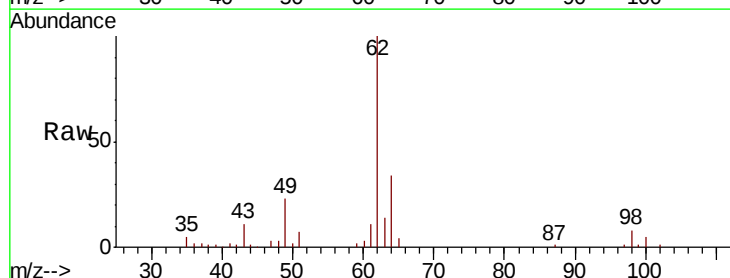
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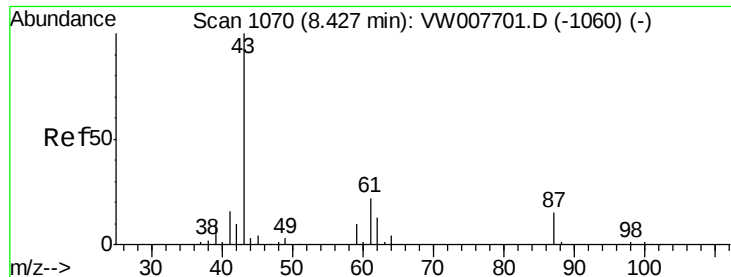
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#42
1,2-Dichloroethane
Concen: 48.453 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.01 min
Lab File: VW007705.D
Acq: 19 Dec 2018 17:26

Tgt Ion:	62	Resp:	51480
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	16.6





#43

Isopropyl Acetate

Concen: 47.646 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW007705.D

Acq: 19 Dec 2018 17:26

Instrument :

MSVOA_W

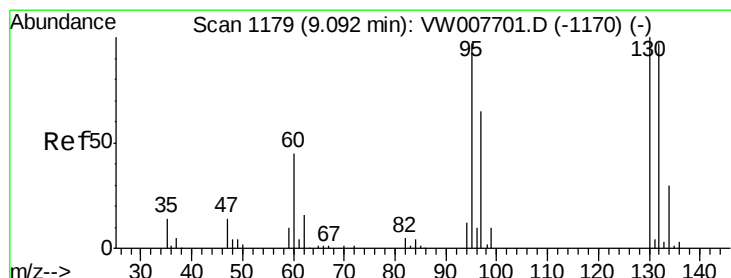
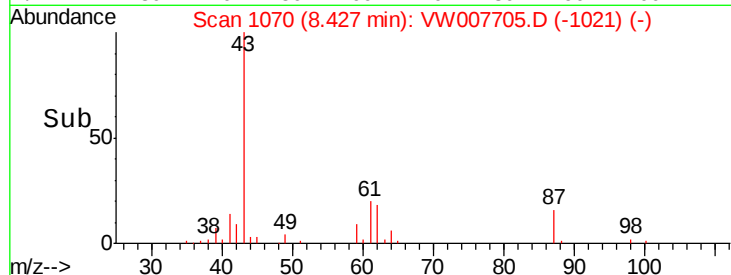
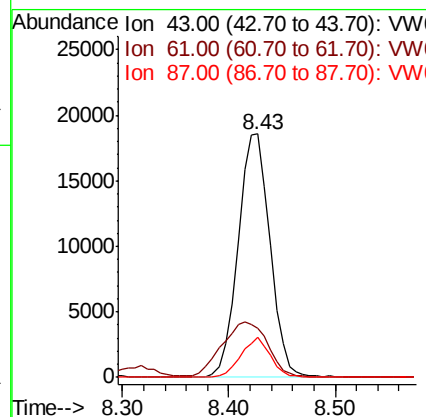
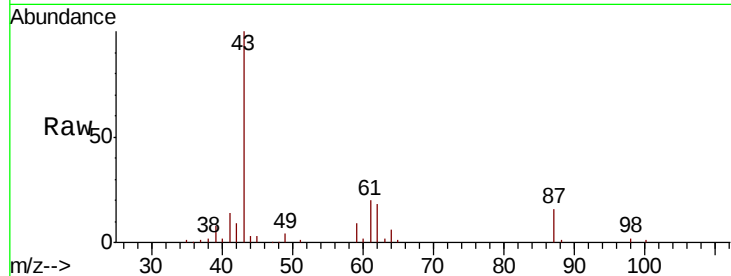
ClientSampleId :

ICVW122118

Tot Ion:	43	Resp:	39140
Ion	Ratio	Lower	Upper
43	100		
61	32.6	26.3	39.5
87	15.0	12.0	18.0

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#44

Trichloroethene

Concen: 52.150 ug/l

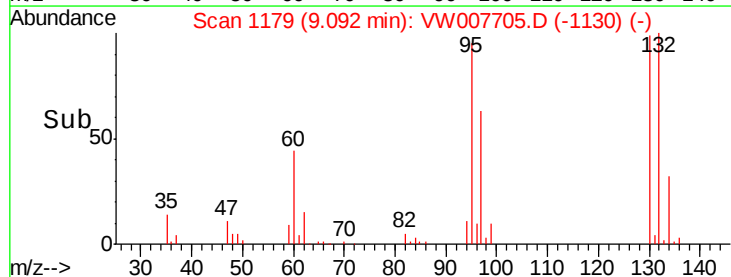
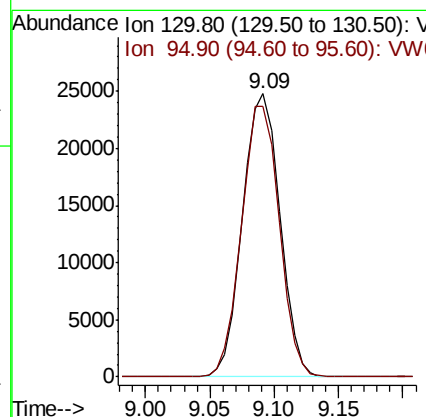
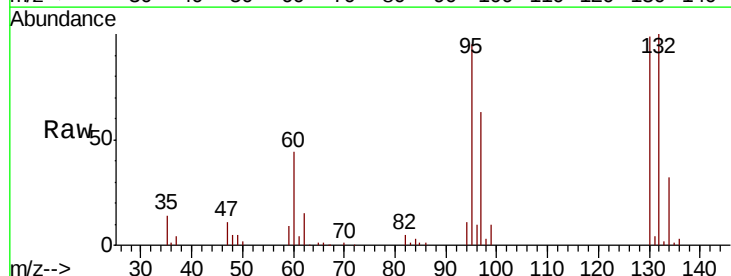
RT: 9.09 min Scan# 1179

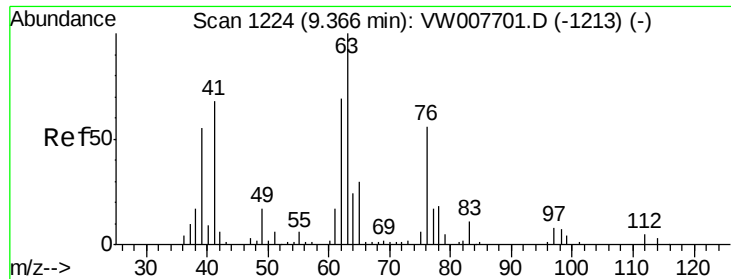
Delta R.T. -0.00 min

Lab File: VW007705.D

Acq: 19 Dec 2018 17:26

Tgt Ion:	130	Resp:	50000
Ion	Ratio	Lower	Upper
130	100		
95	95.4	0.0	194.8





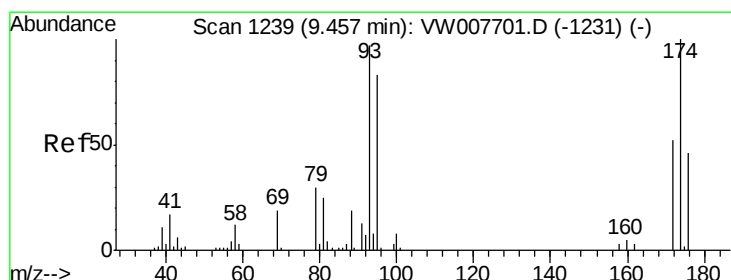
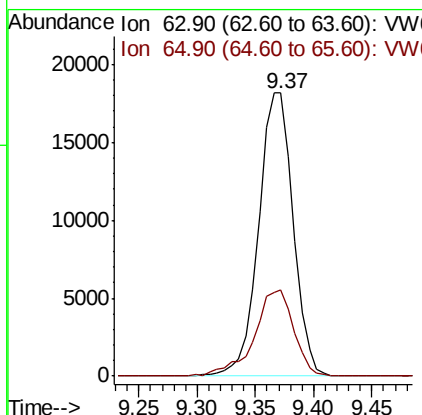
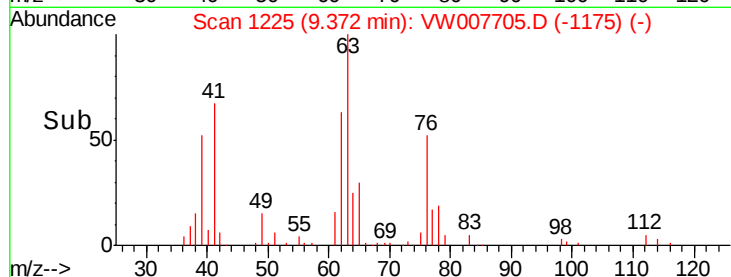
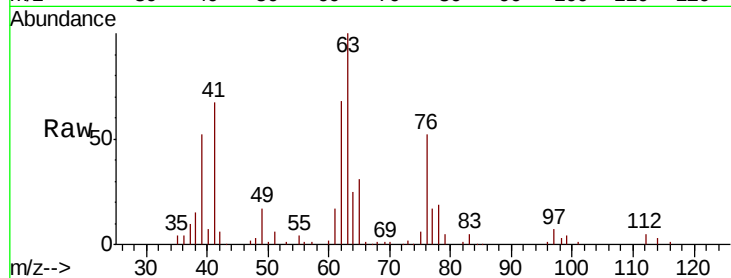
#45
 1,2-Dichloropropane
 Concen: 53.372 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: VW007705.D
 Acq: 19 Dec 2018 17:26

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVW122118

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.5	23.8	35.8

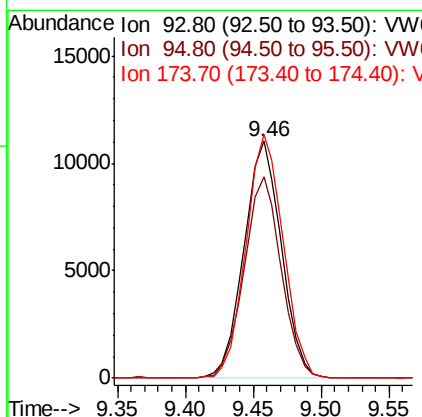
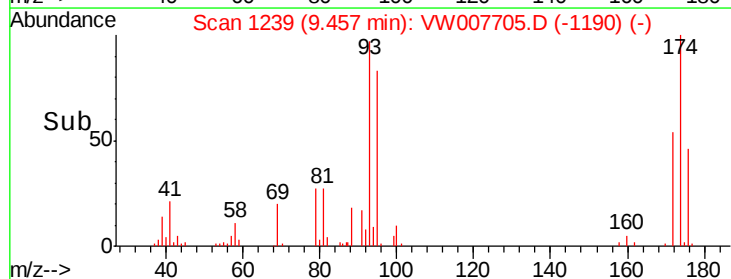
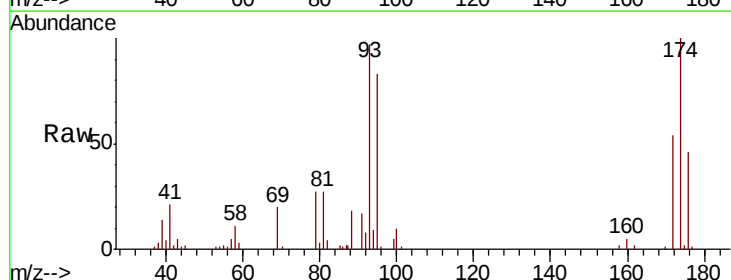
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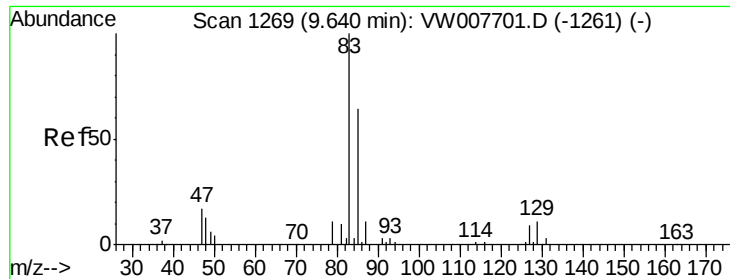
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#46
 Dibromomethane
 Concen: 48.970 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW007705.D
 Acq: 19 Dec 2018 17:26

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.4	67.5	101.3
174	102.5	83.9	125.9





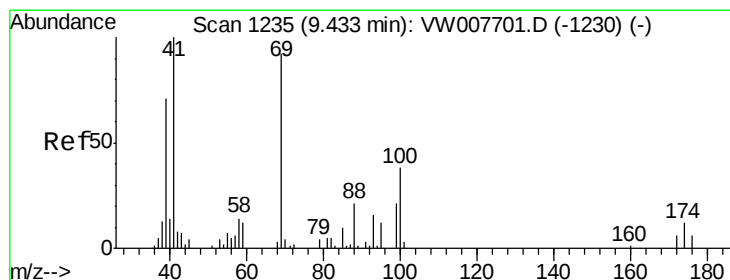
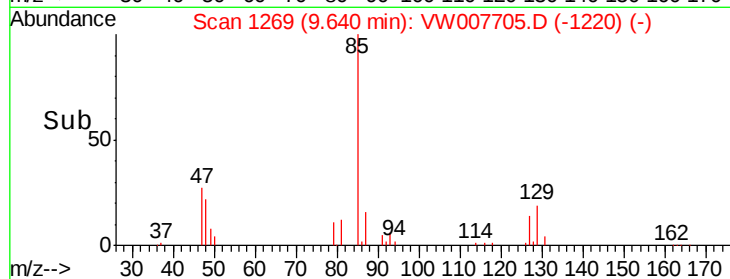
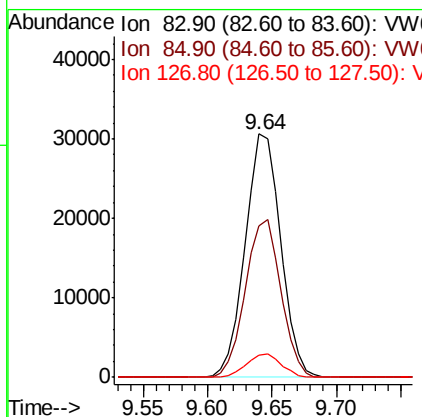
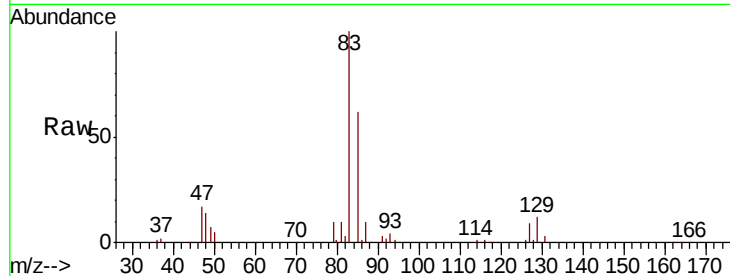
#47
Bromodichloromethane
Concen: 51.306 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VW007705.D
Acq: 19 Dec 2018 17:26

Instrument :
MSVOA_W
ClientSampleId :
ICVW122118

Tot Ion	Ratio	Resp	Lower	Upper
83	100	58409		
85	62.1		51.4	77.0
127	8.9		7.5	11.3

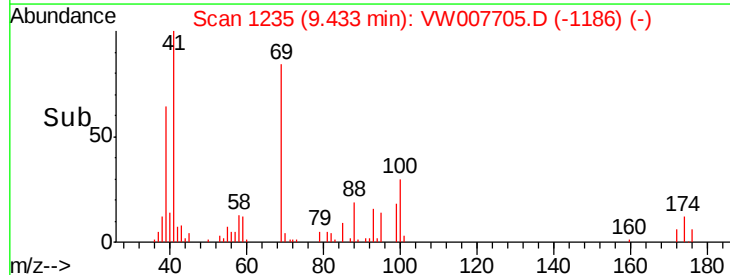
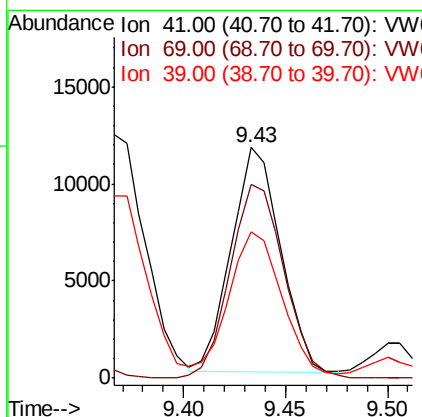
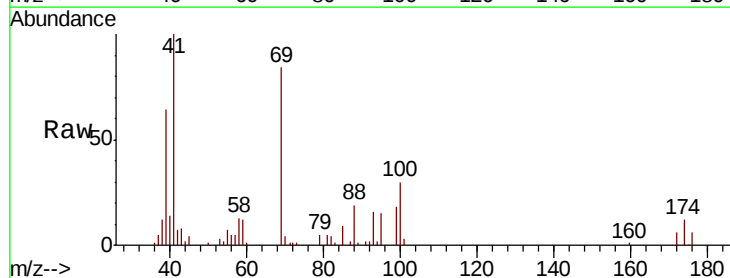
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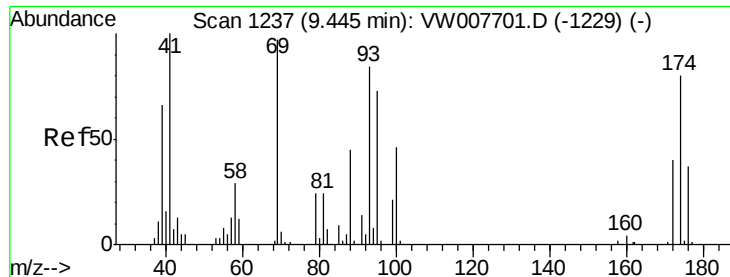
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#48
Methyl methacrylate
Concen: 47.266 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VW007705.D
Acq: 19 Dec 2018 17:26

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	19381		
69	94.9		74.2	111.2
39	67.4		53.9	80.9





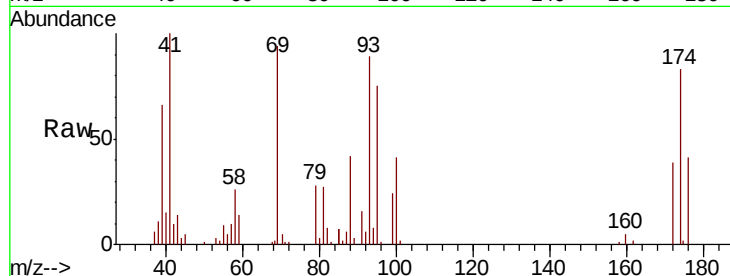
#49
1,4-Dioxane
Concen: 987.219 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VW007705.D
Acq: 19 Dec 2018 17:26

Instrument :
MSVOA_W
ClientSampleId :
ICVW122118

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.0	25.6	38.4
58	66.3	52.3	78.5

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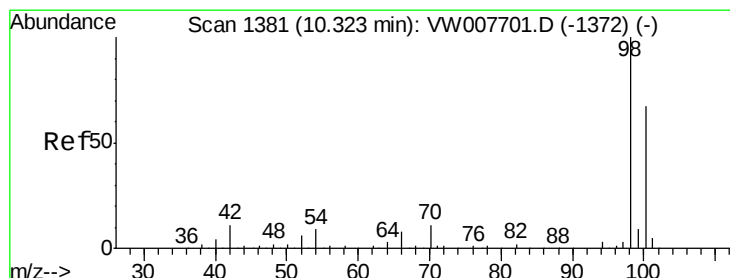
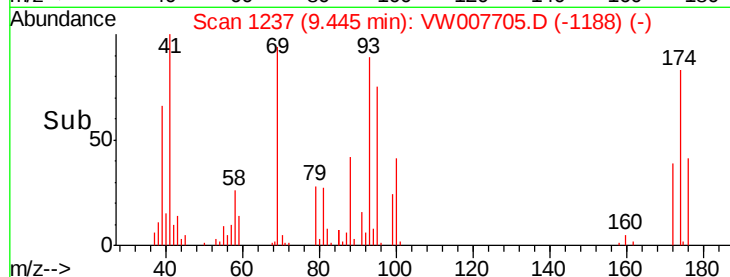
Abundance

Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

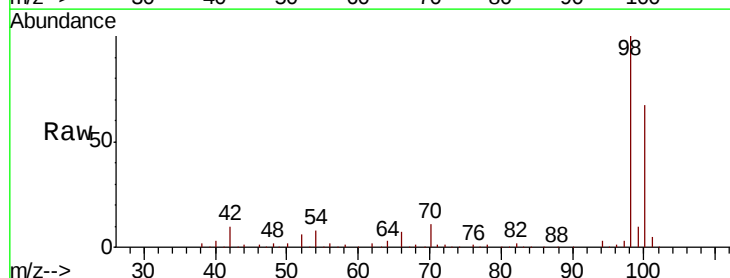
Ion 58.00 (57.70 to 58.70): VW

Time-->



#50
Toluene-d8
Concen: 51.943 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007705.D
Acq: 19 Dec 2018 17:26

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.2	78.2

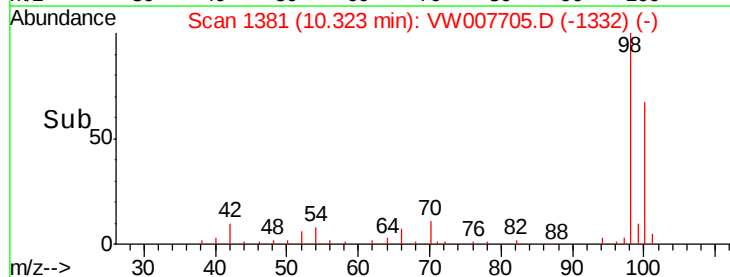


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

Time-->





#51

4-Methyl-2-Pentanone

Concen: 230.136 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.01 min

Lab File: VW007705.D

Acq: 19 Dec 2018 17:26

Instrument :

MSVOA_W

ClientSampleId :

ICVW122118

Tot Ion: 43 Resp: 89345

Ion Ratio Lower Upper

43 100

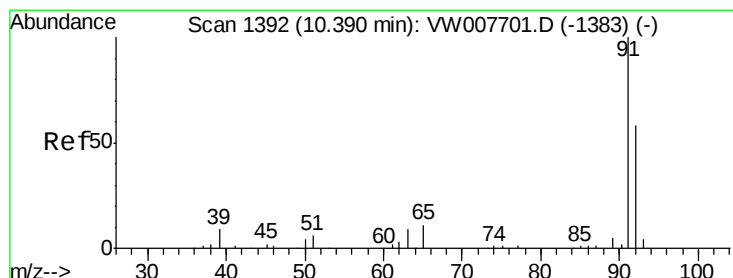
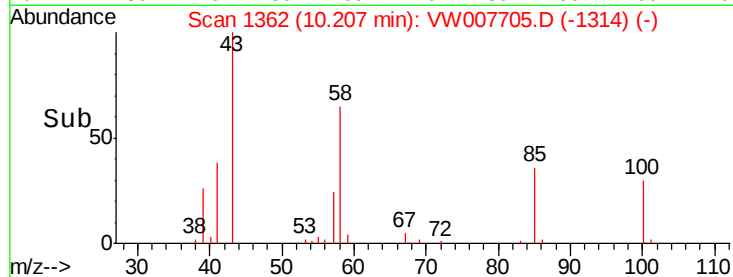
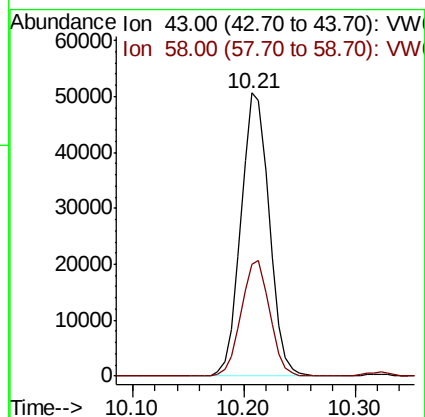
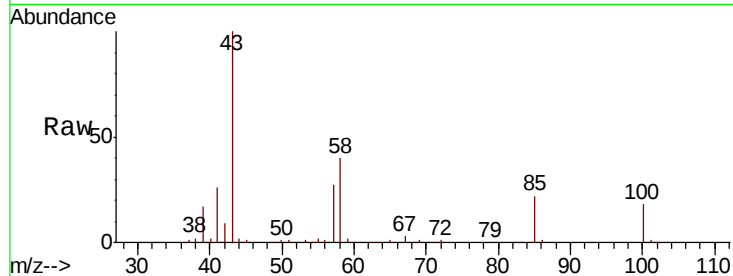
58 40.9 33.2 49.8

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#52

Toluene

Concen: 52.242 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007705.D

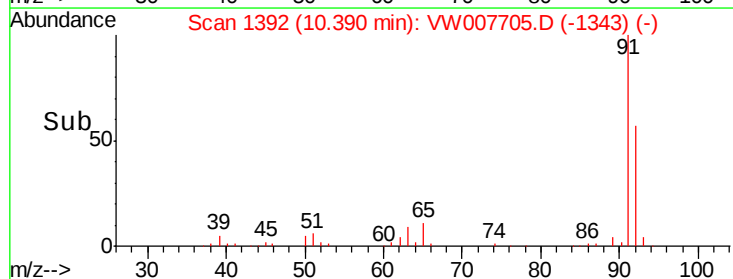
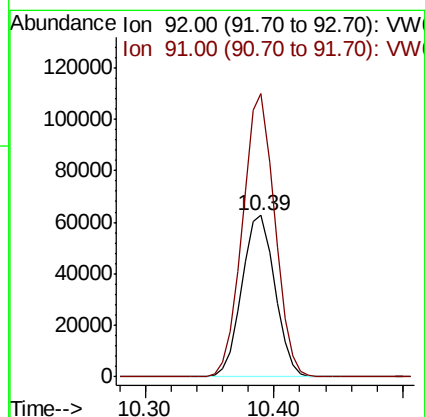
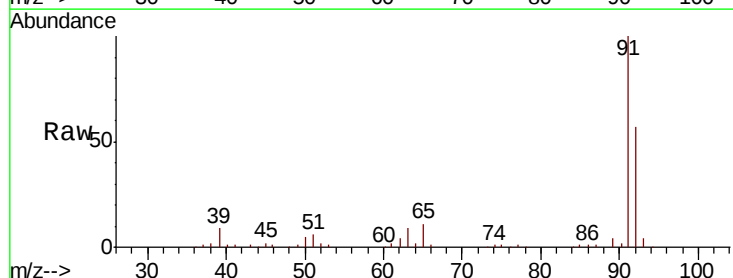
Acq: 19 Dec 2018 17:26

Tgt Ion: 92 Resp: 111126

Ion Ratio Lower Upper

92 100

91 170.7 137.0 205.4





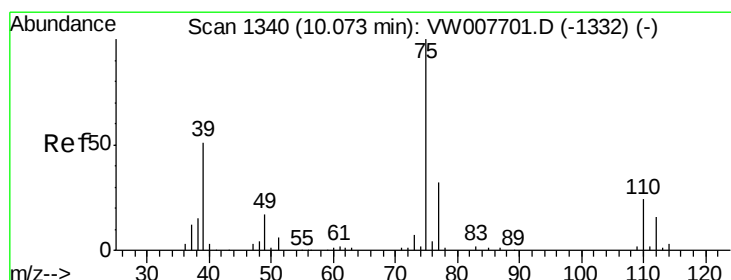
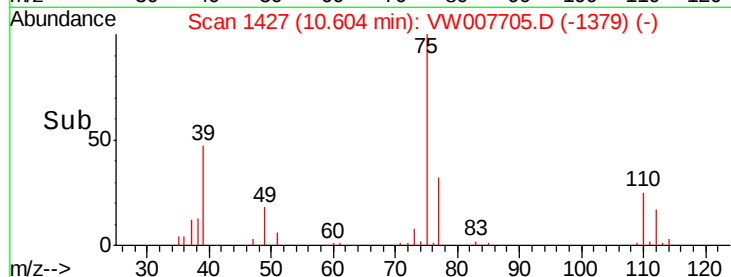
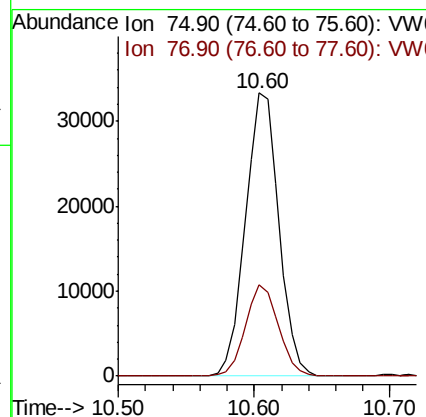
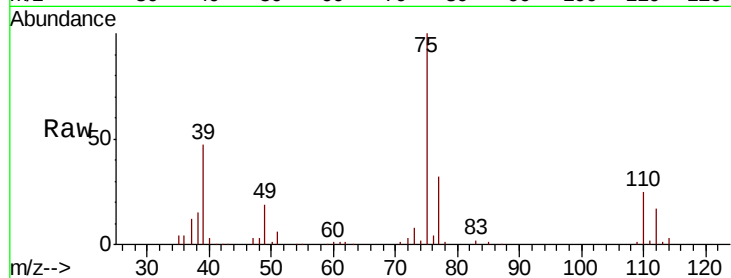
#53
 t-1,3-Dichloropropene
 Concen: 50.507 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: VW007705.D
 Acq: 19 Dec 2018 17:26

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW122118

Tot Ion: 75 Resp: 57193
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.2 37.8

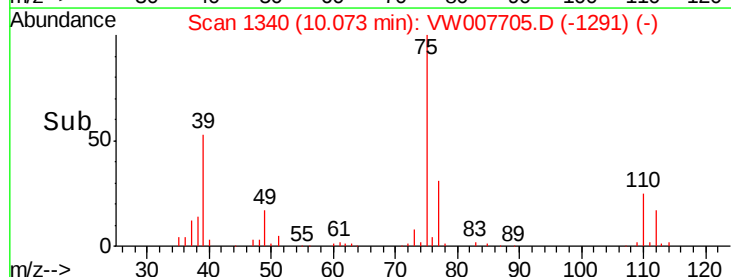
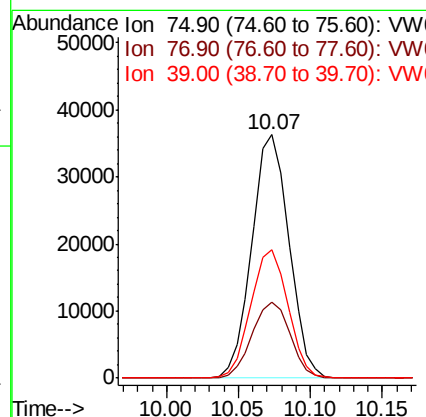
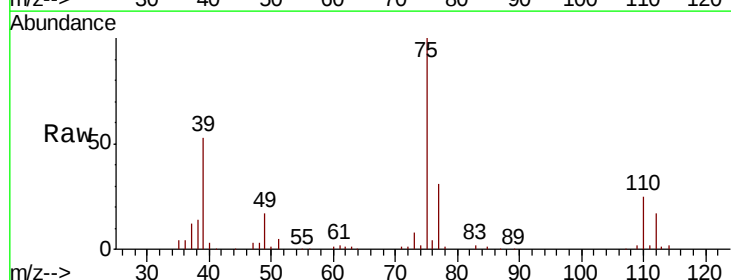
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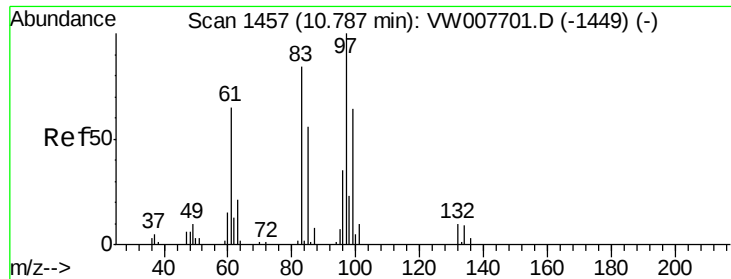
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#54
 cis-1,3-Dichloropropene
 Concen: 51.835 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW007705.D
 Acq: 19 Dec 2018 17:26

Tgt Ion: 75 Resp: 64834
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.5 38.3
 39 53.0 41.2 61.8





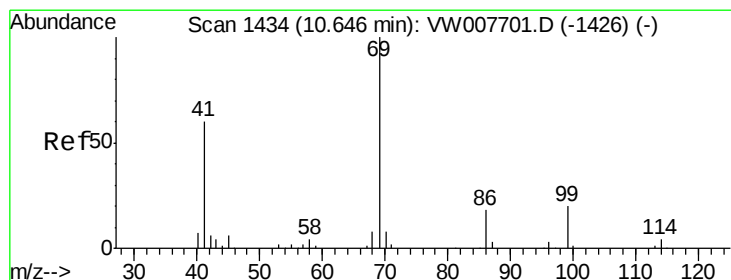
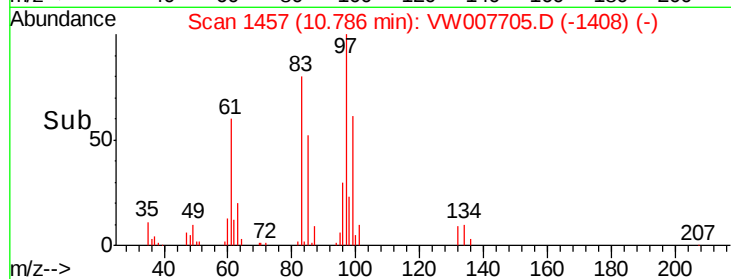
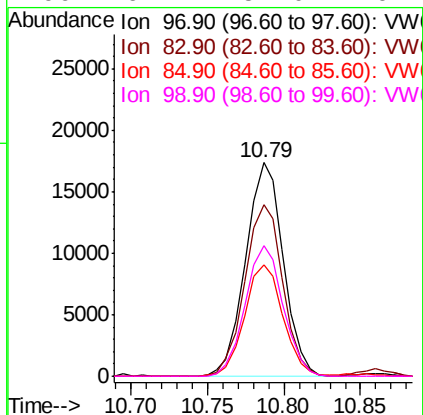
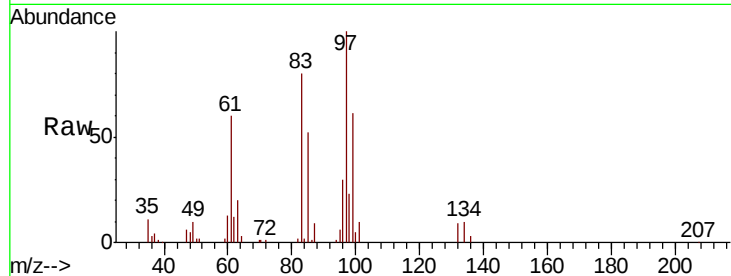
#55
 1,1,2-Trichloroethane
 Concen: 49.681 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW007705.D
 Acq: 19 Dec 2018 17:26

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW122118

Tot Ion:	97	Resp:	29659
Ion	Ratio	Lower	Upper
97	100		
83	80.4	67.5	101.3
85	52.2	44.8	67.2
99	61.1	51.0	76.4

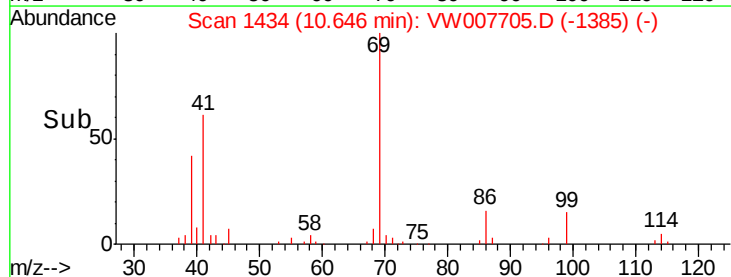
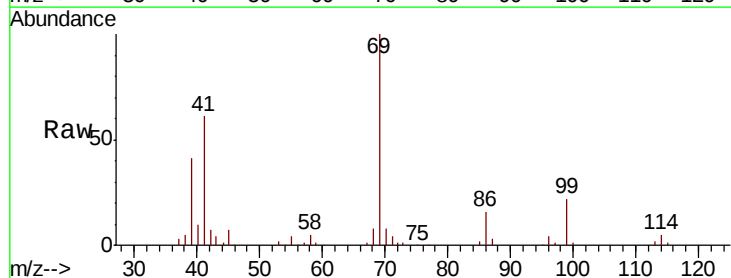
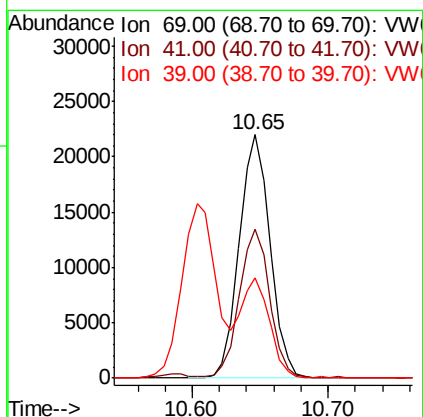
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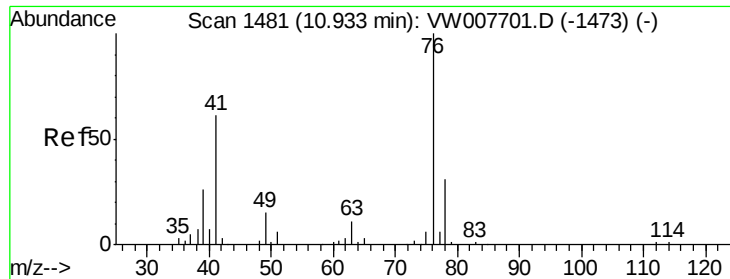
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#56
 Ethyl methacrylate
 Concen: 49.394 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW007705.D
 Acq: 19 Dec 2018 17:26

Tgt Ion:	69	Resp:	34840
Ion	Ratio	Lower	Upper
69	100		
41	60.0	48.9	73.3
39	38.2	31.3	46.9





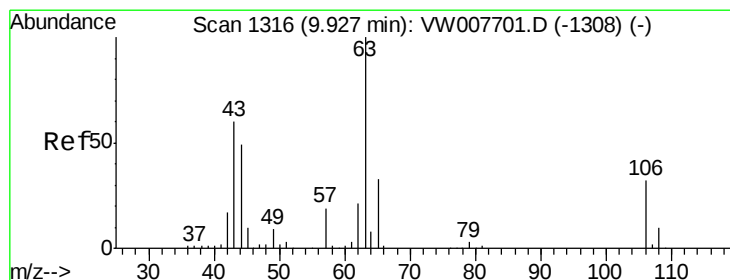
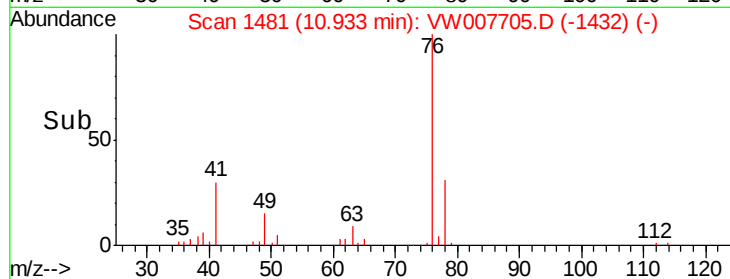
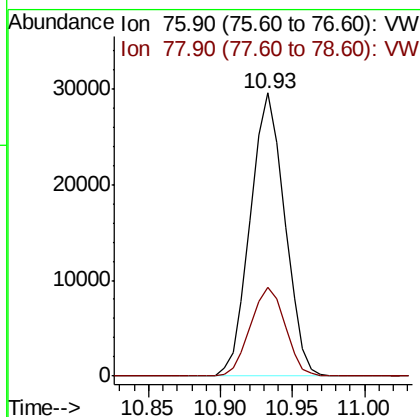
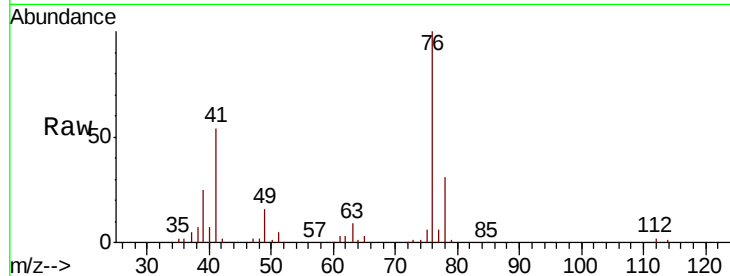
#57
 1,3-Dichloropropane
 Concen: 49.378 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW007705.D
 Acq: 19 Dec 2018 17:26

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVW122118

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.8	26.2	39.2

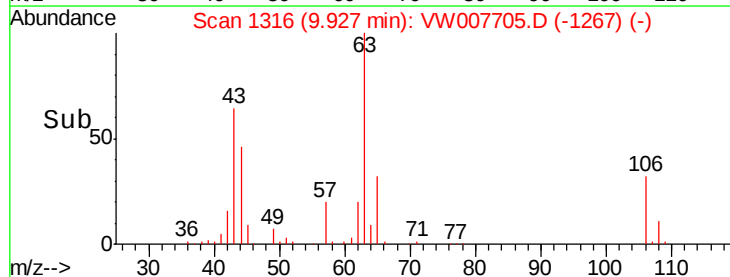
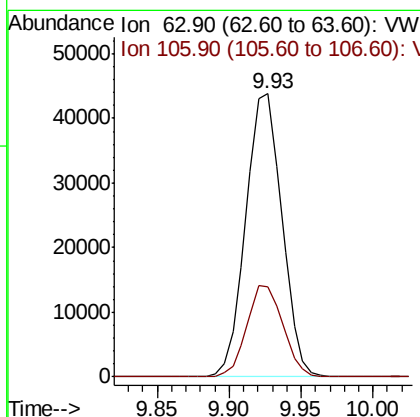
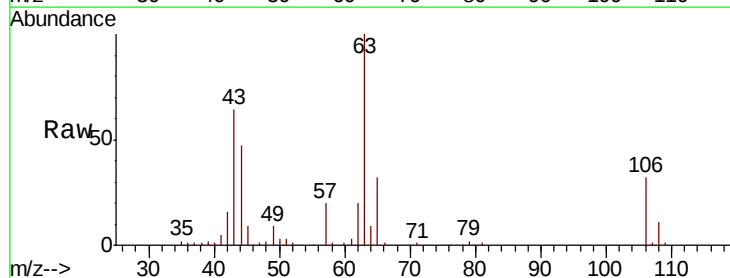
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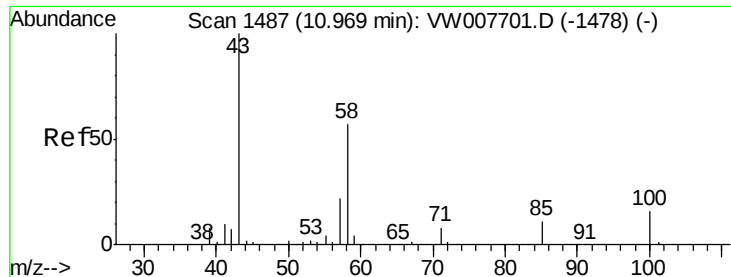
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#58
 2-Chloroethyl Vinyl ether
 Concen: 236.241 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW007705.D
 Acq: 19 Dec 2018 17:26

Tgt Ion	Ratio	Lower	Upper
63	100		
106	32.4	25.9	38.9





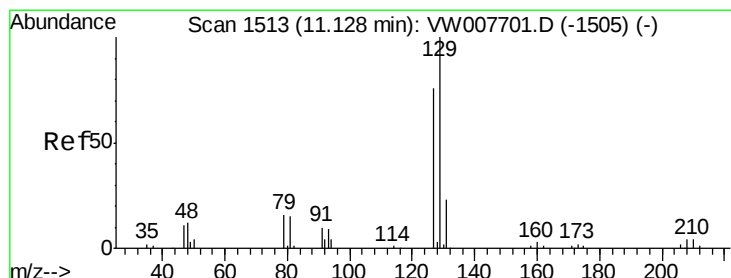
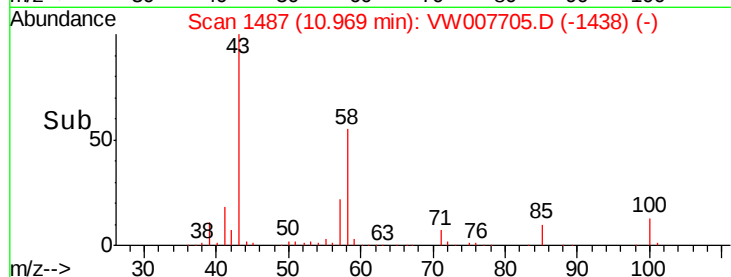
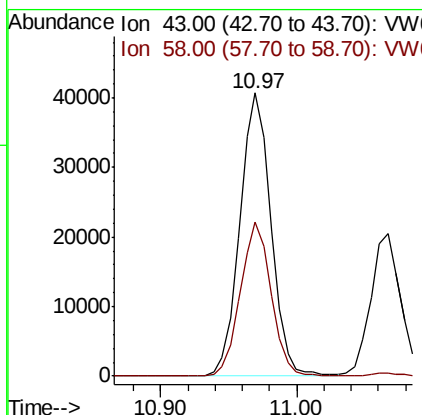
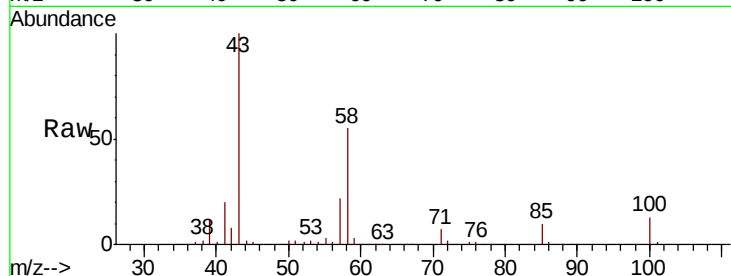
#59
2-Hexanone
Concen: 238.031 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW007705.D
Acq: 19 Dec 2018 17:26

Instrument :
MSVOA_W
ClientSampleId :
ICVW122118

Tot Ion: 43 Resp: 64989
Ion Ratio Lower Upper
43 100
58 53.7 27.7 83.1

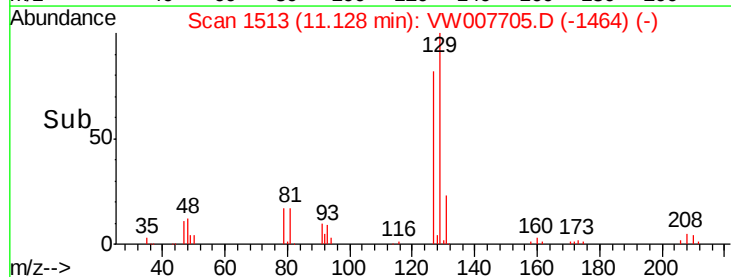
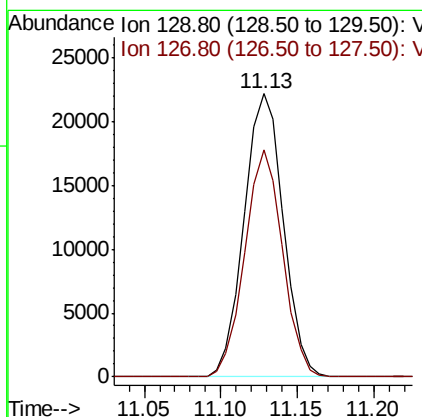
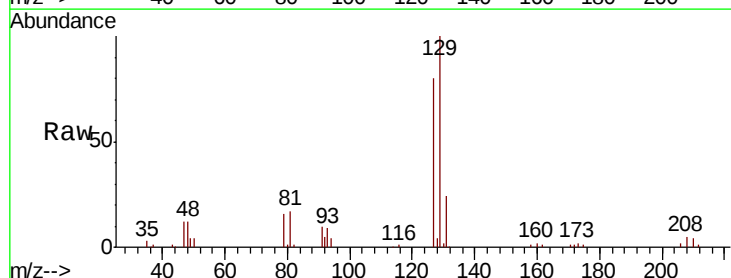
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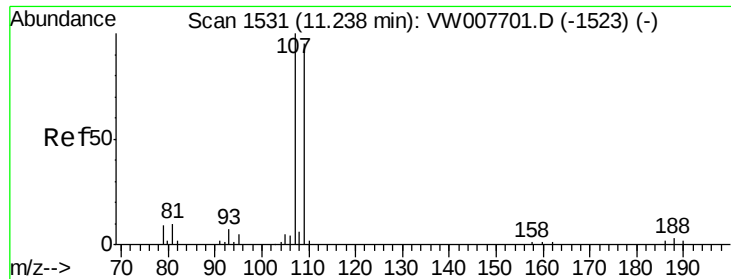
apatel
12/20/2018 11:19:51 AM



#60
Dibromochloromethane
Concen: 49.955 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW007705.D
Acq: 19 Dec 2018 17:26

Tgt Ion: 129 Resp: 39487
Ion Ratio Lower Upper
129 100
127 77.2 38.3 114.9





#61

1,2-Dibromoethane

Concen: 48.455 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW007705.D

Acq: 19 Dec 2018 17:26

Instrument :

MSVOA_W

ClientSampleId :

ICVW122118

Tot Ion: 107 Resp: 29294

Ion Ratio Lower Upper

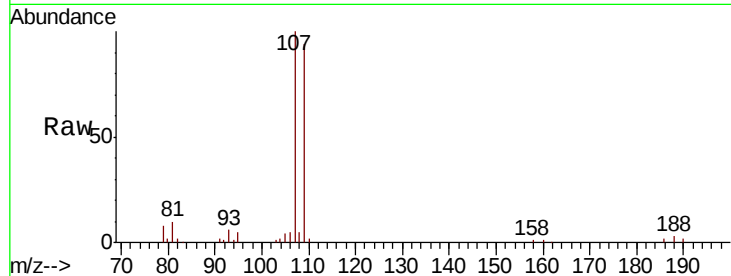
107 100

109 93.4 75.4 113.0

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.24

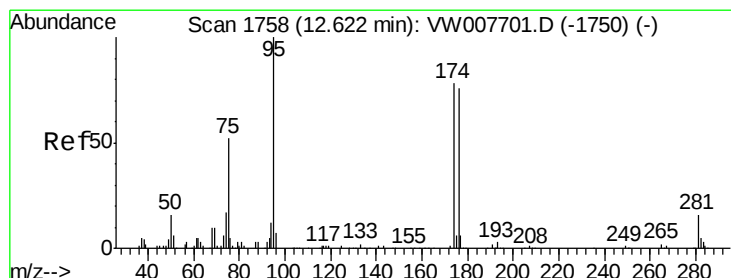
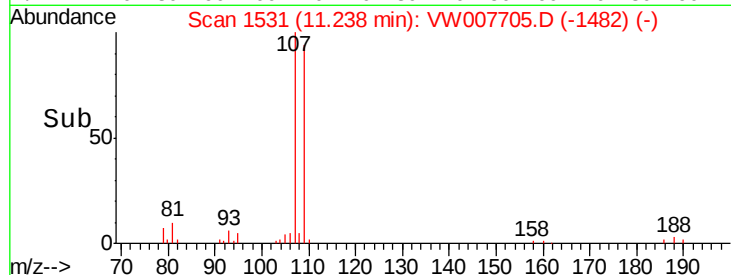
15000

10000

5000

0

Time--> 11.15 11.20 11.25 11.30



#62

4-Bromofluorobenzene

Concen: 49.853 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007705.D

Acq: 19 Dec 2018 17:26

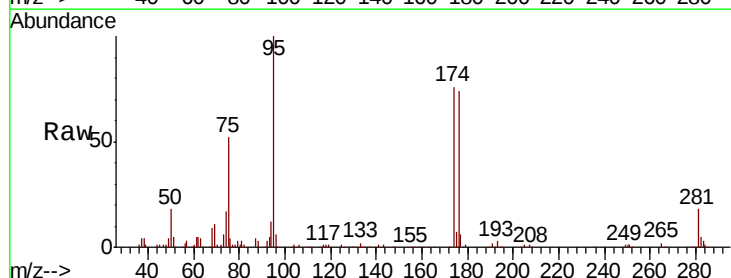
Tgt Ion: 95 Resp: 54523

Ion Ratio Lower Upper

95 100

174 75.8 0.0 152.2

176 73.5 0.0 146.8



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.62

40000

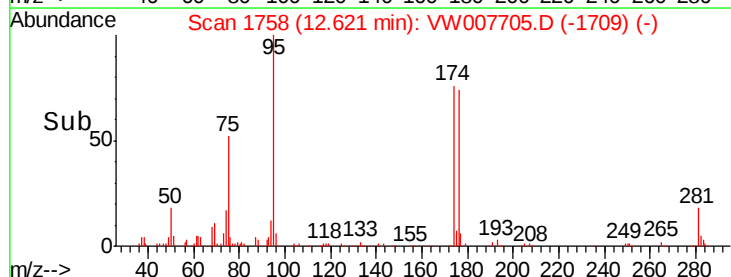
30000

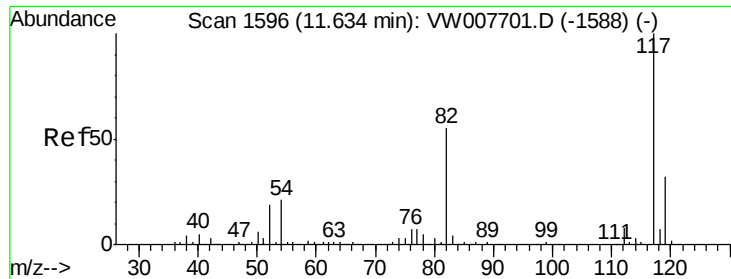
20000

10000

0

Time--> 12.55 12.60 12.65 12.70





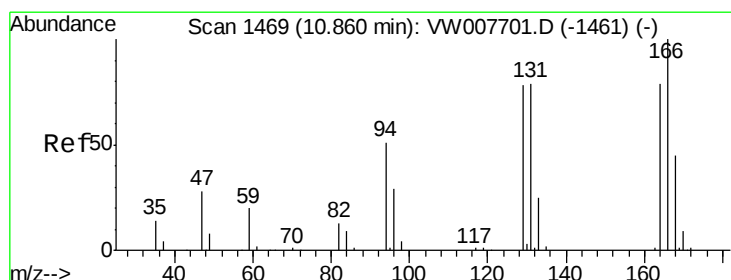
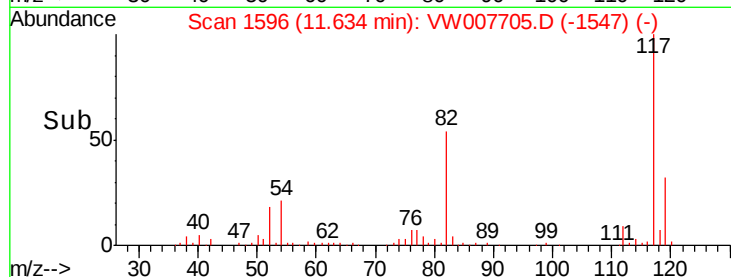
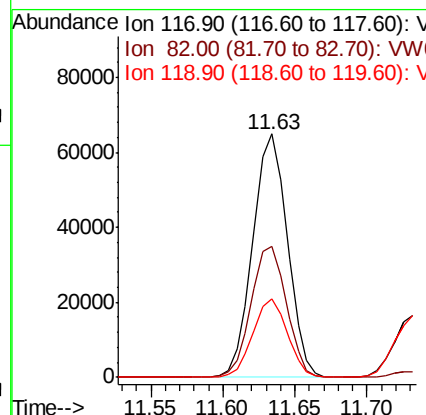
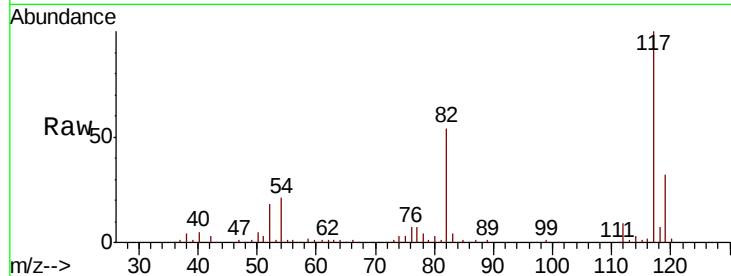
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007705.D
Acq: 19 Dec 2018 17:26

Instrument :
MSVOA_W
ClientSampleId :
ICVW122118

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.8	44.3	66.5
119	32.4	25.7	38.5

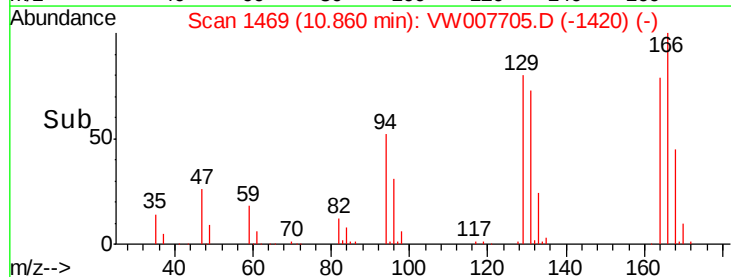
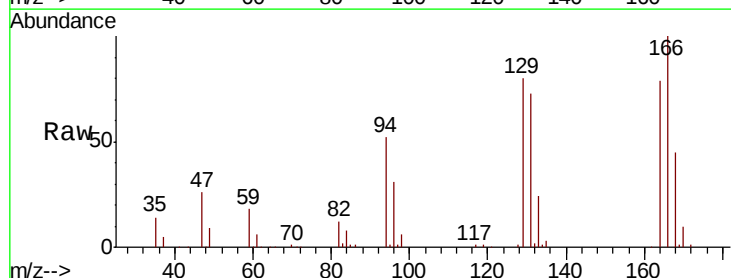
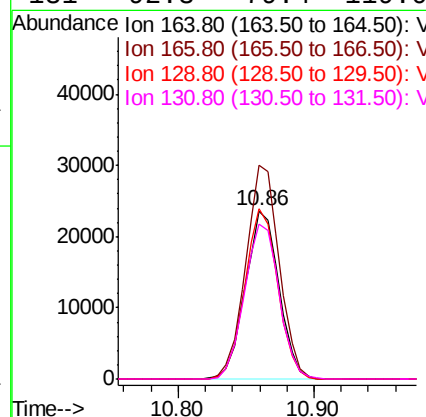
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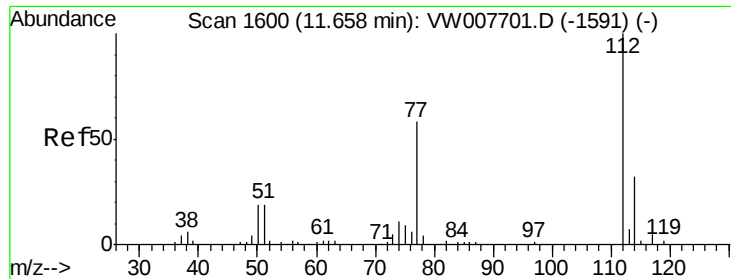
apatel
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#64
Tetrachloroethene
Concen: 53.351 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW007705.D
Acq: 19 Dec 2018 17:26

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.0	101.0	151.6
129	101.1	78.7	118.1
131	92.3	79.4	119.0





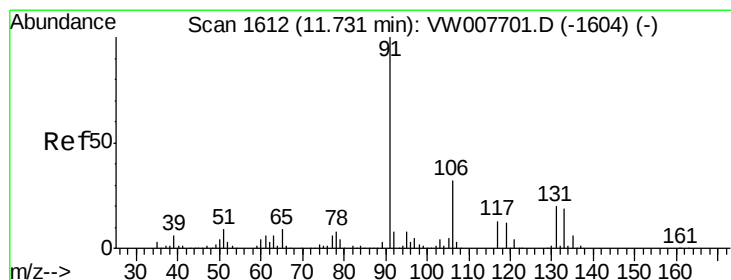
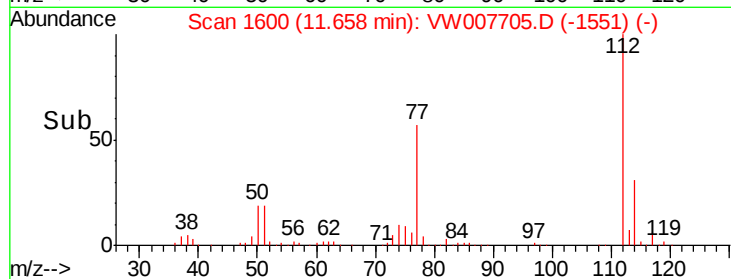
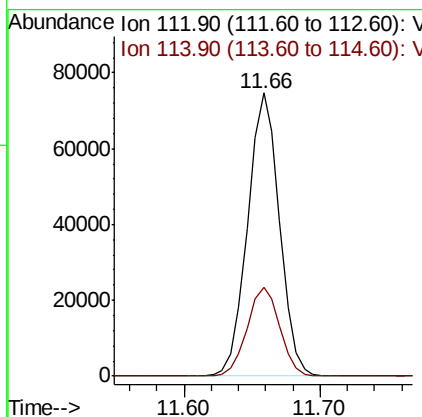
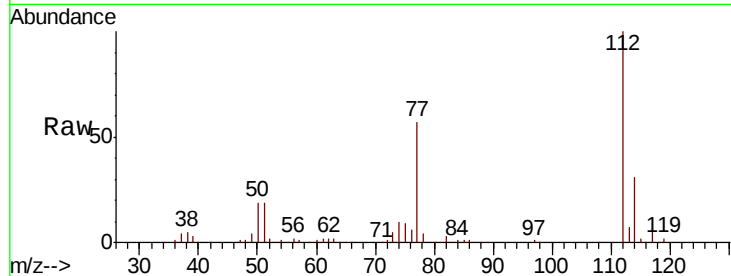
#65
Chlorobenzene
Concen: 52.325 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007705.D
Acq: 19 Dec 2018 17:26

Instrument :
MSVOA_W
ClientSampleId :
ICVW122118

Tot Ion:112 Resp: 122386
Ion Ratio Lower Upper
112 100
114 31.4 25.2 37.8

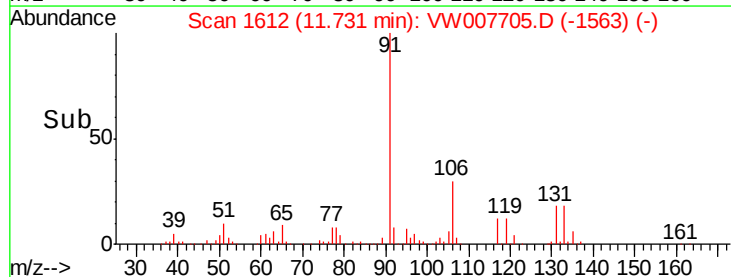
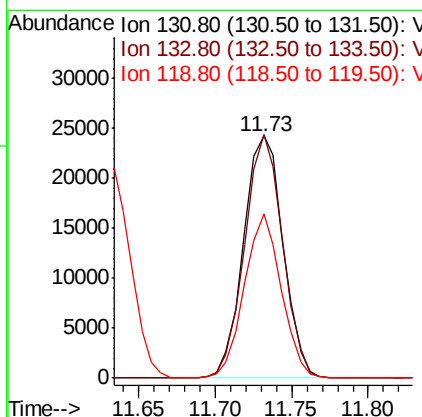
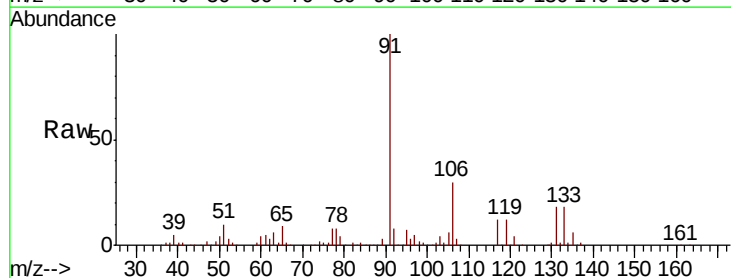
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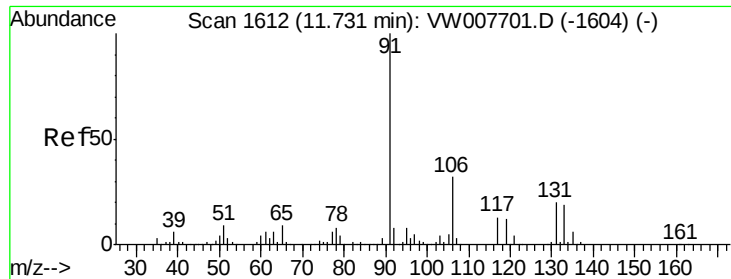
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.063 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007705.D
Acq: 19 Dec 2018 17:26

Tgt Ion:131 Resp: 43512
Ion Ratio Lower Upper
131 100
133 96.7 47.5 142.5
119 63.4 30.2 90.6





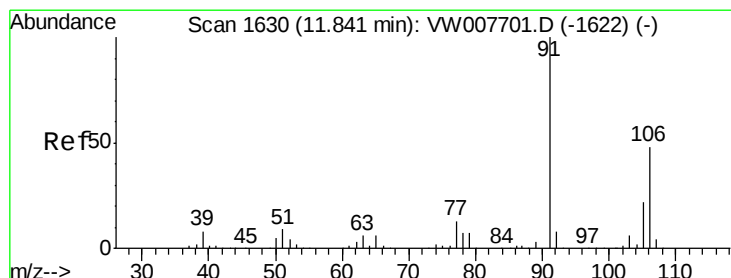
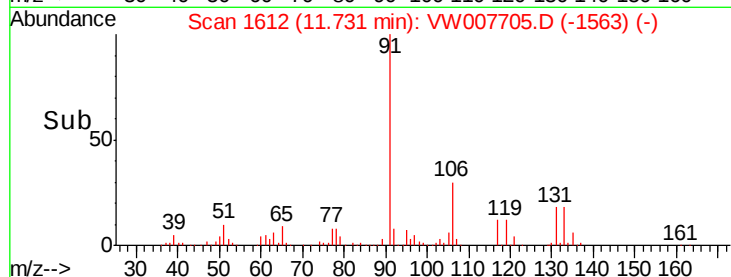
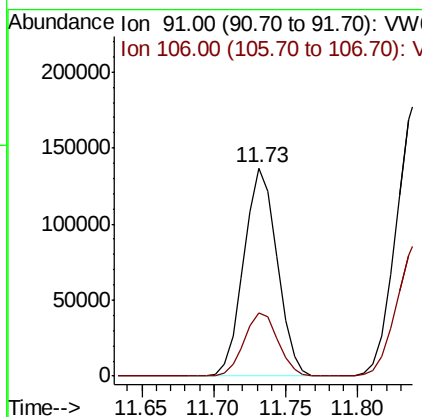
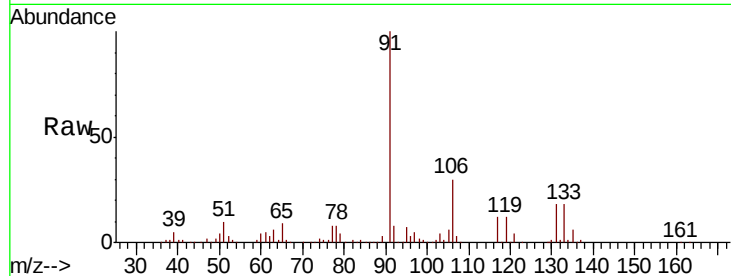
#67
Ethyl Benzene
Concen: 54.676 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007705.D
Acq: 19 Dec 2018 17:26

Instrument :
MSVOA_W
ClientSampleId :
ICVW122118

Tot Ion: 91 Resp: 219449
Ion Ratio Lower Upper
91 100
106 30.4 25.8 38.8

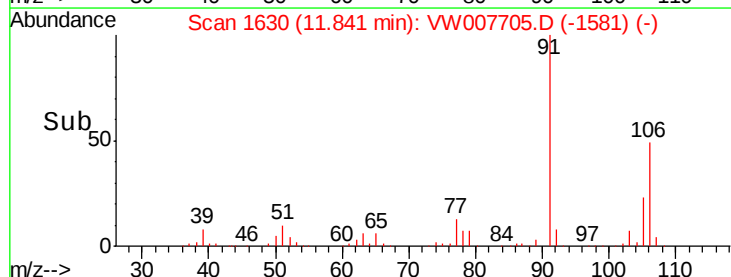
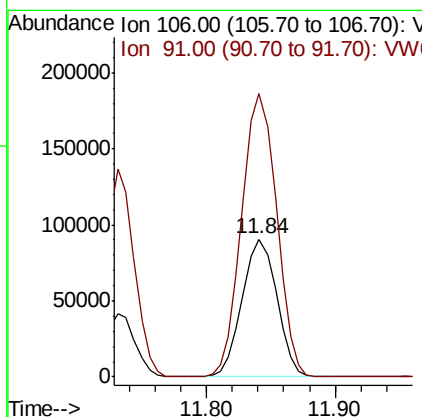
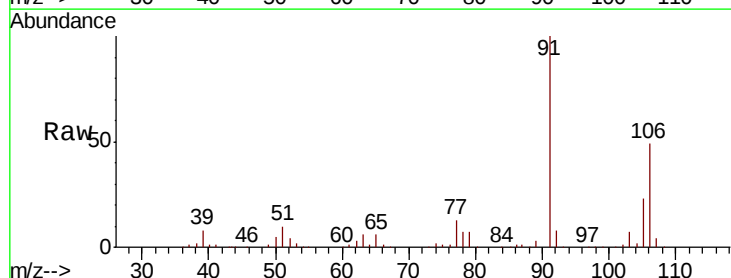
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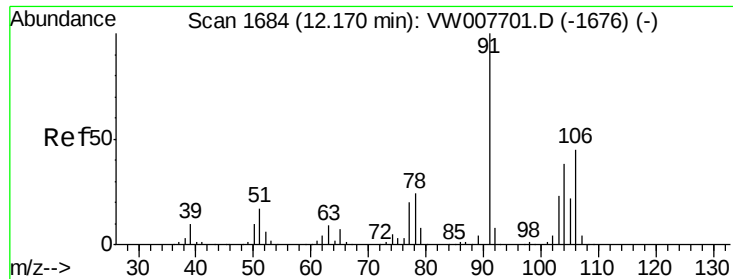
apatel
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#68
m/p-Xylenes
Concen: 108.646 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007705.D
Acq: 19 Dec 2018 17:26

Tgt Ion: 106 Resp: 169157
Ion Ratio Lower Upper
106 100
91 208.2 165.2 247.8





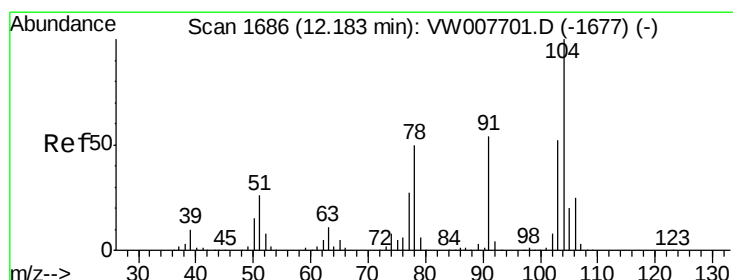
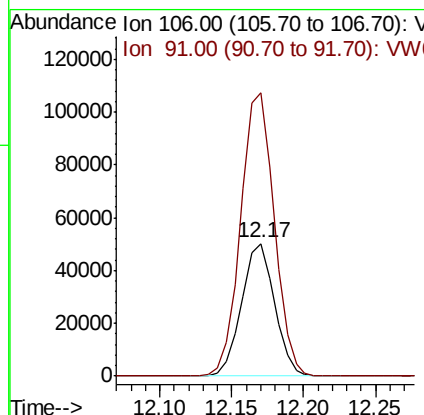
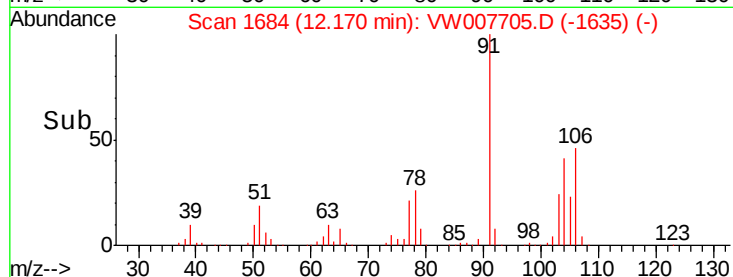
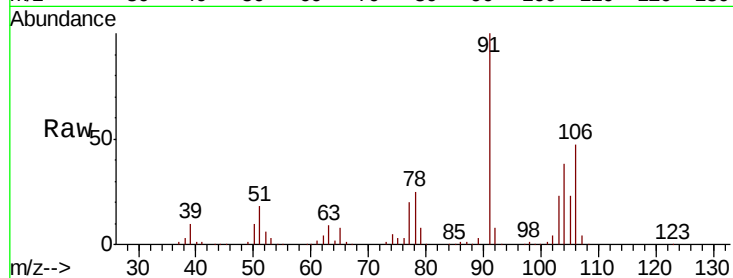
#69
o-Xylene
Concen: 54.622 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007705.D
Acq: 19 Dec 2018 17:26

Instrument :
MSVOA_W
ClientSampleId :
ICVW122118

Tot Ion:106 Resp: 79718
Ion Ratio Lower Upper
106 100
91 217.5 110.5 331.4

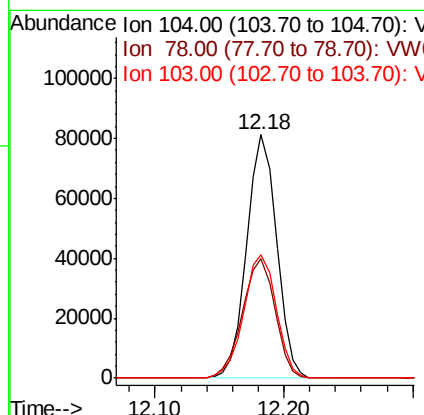
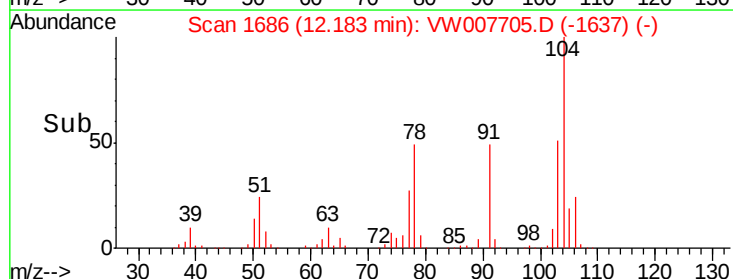
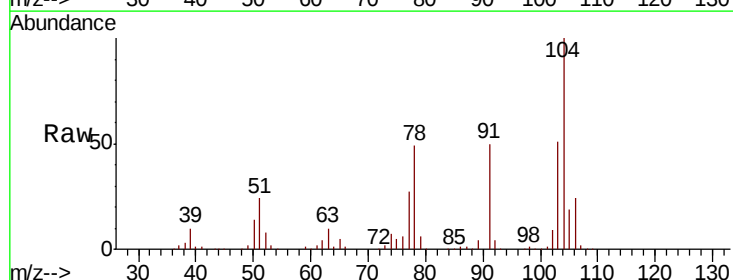
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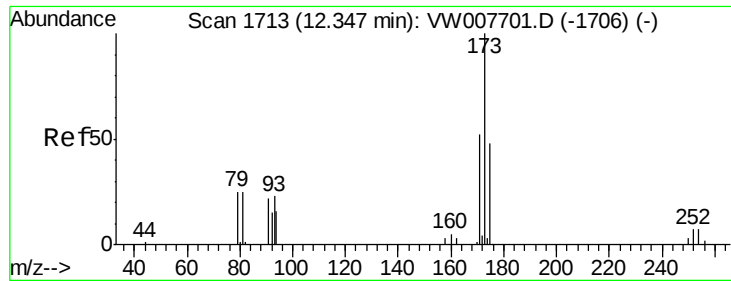
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#70
Styrene
Concen: 54.117 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007705.D
Acq: 19 Dec 2018 17:26

Tgt Ion:104 Resp: 129829
Ion Ratio Lower Upper
104 100
78 53.8 43.4 65.0
103 55.5 44.5 66.7





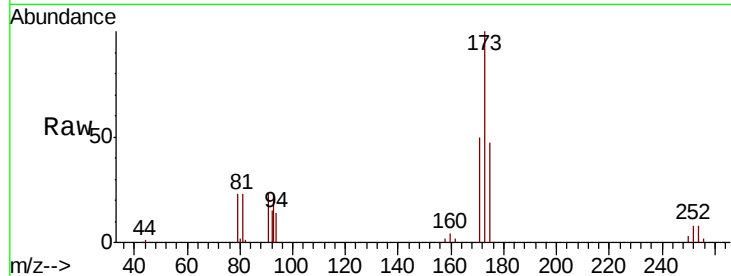
#71
Bromoform
Concen: 50.141 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VW007705.D
Acq: 19 Dec 2018 17:26

Instrument :
MSVOA_W
ClientSampleId :
ICVW122118

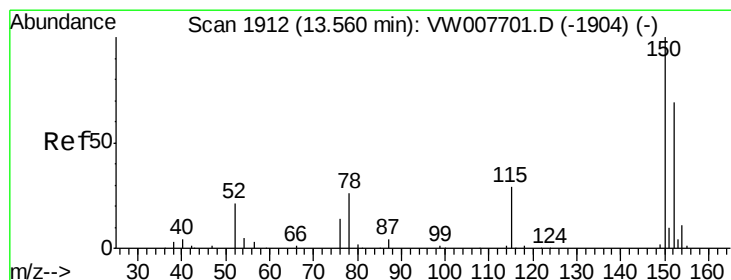
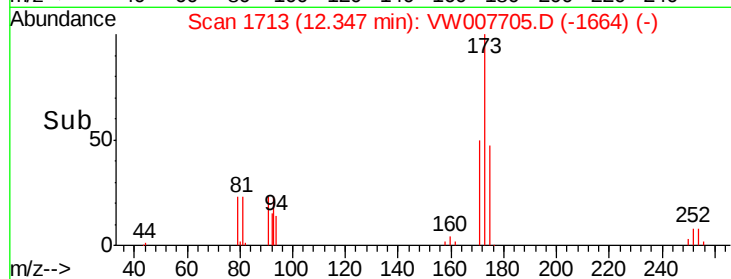
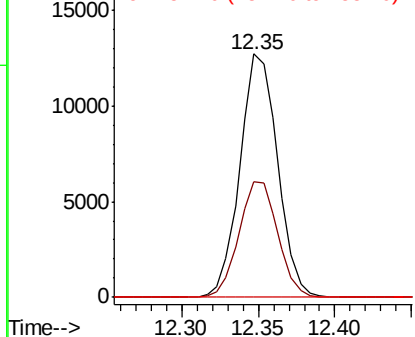
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.6	23.9	71.7
254	0.0	0.0	0.0

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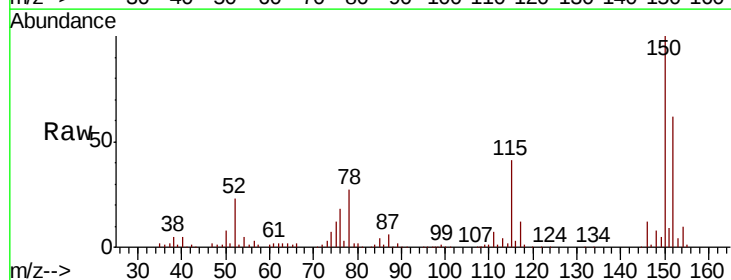


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

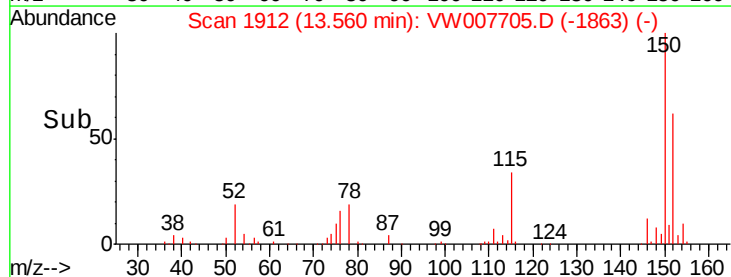
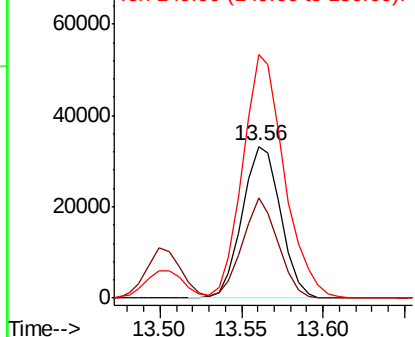


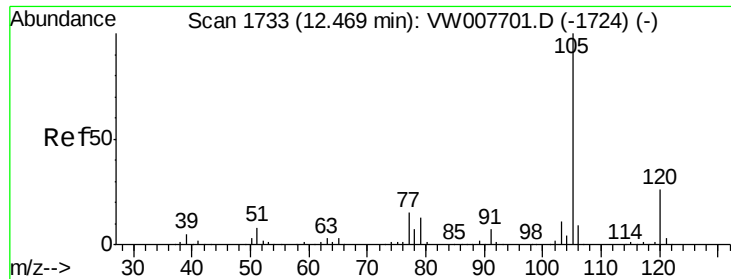
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007705.D
Acq: 19 Dec 2018 17:26

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.9	31.8	95.4
150	173.6	0.0	350.8



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





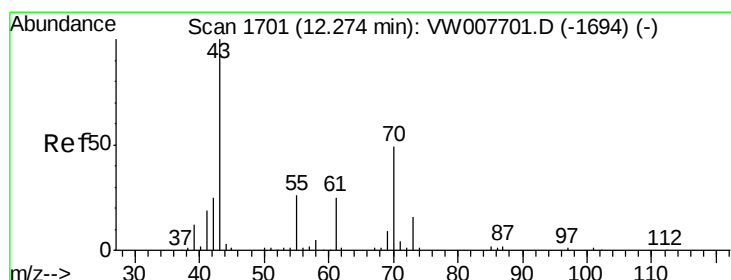
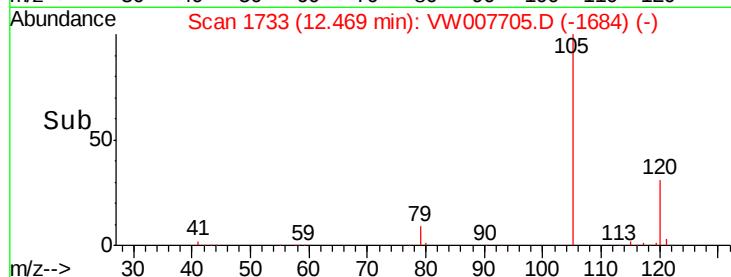
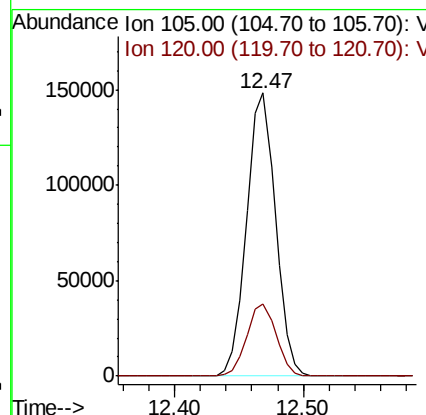
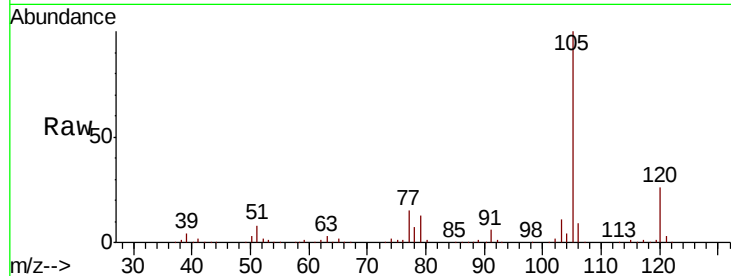
#73
Isopropylbenzene
Concen: 55.891 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VW007705.D
Acq: 19 Dec 2018 17:26

Instrument :
MSVOA_W
ClientSampleId :
ICVW122118

Tot Ion: 105 Resp: 229034
Ion Ratio Lower Upper
105 100
120 26.0 13.1 39.3

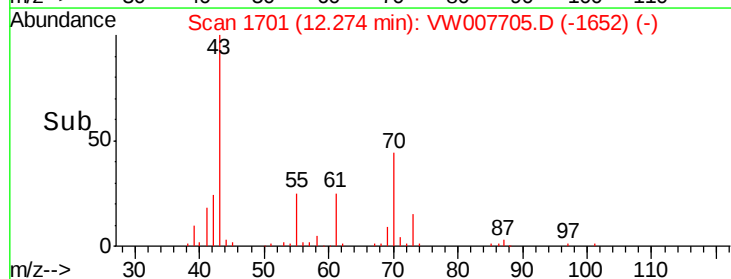
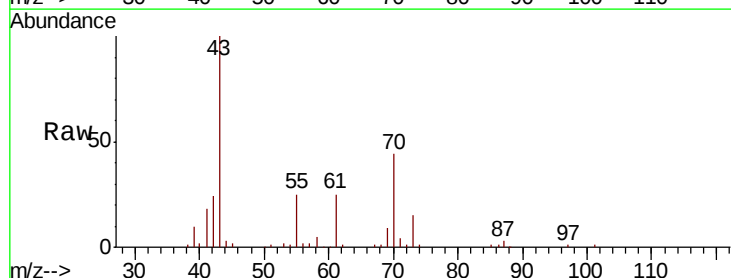
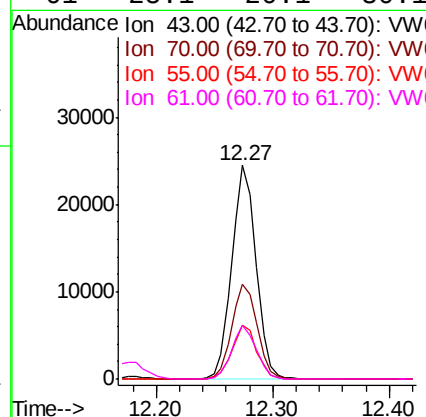
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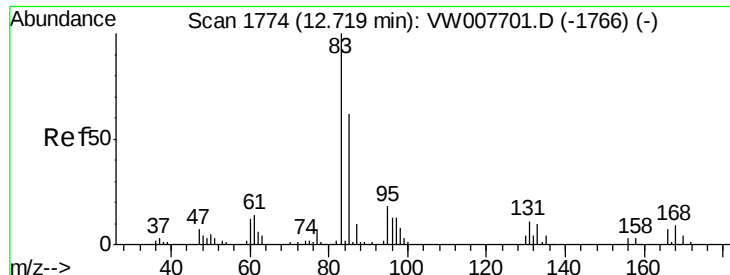
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#74
N-ethyl acetate
Concen: 50.138 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. -0.00 min
Lab File: VW007705.D
Acq: 19 Dec 2018 17:26

Tgt Ion: 43 Resp: 35589
Ion Ratio Lower Upper
43 100
70 46.0 37.6 56.4
55 25.4 21.7 32.5
61 25.1 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 48.803 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW007705.D

Acq: 19 Dec 2018 17:26

Instrument :

MSVOA_W

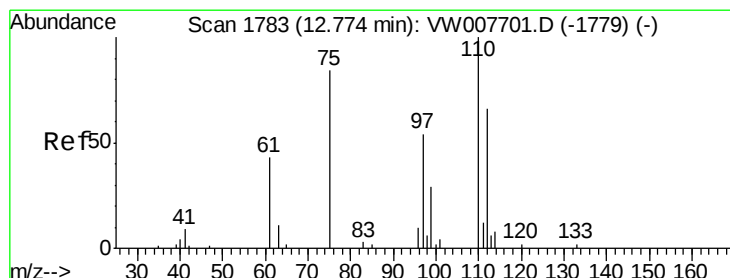
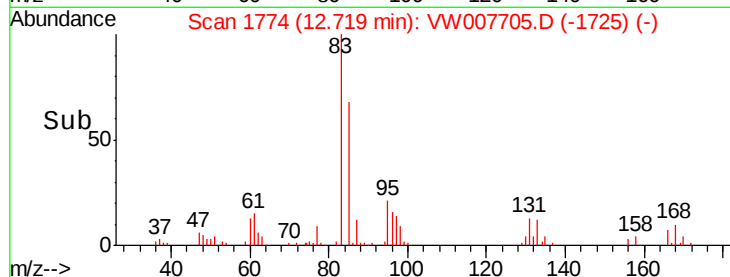
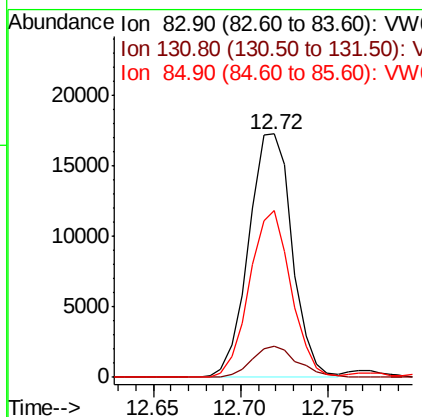
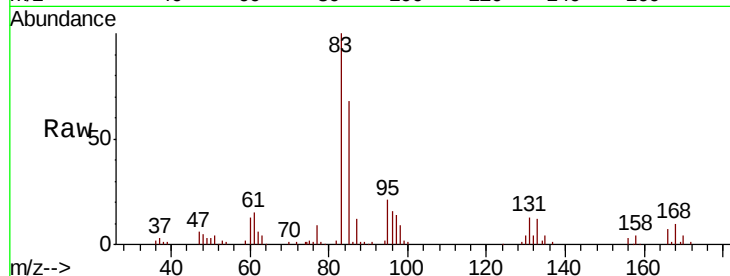
ClientSampleId :

ICVW122118

Tot Ion:	83	Resp:	29985
Ion Ratio	Lower	Upper	
83	100		
131	13.5	6.3	18.8
85	65.4	32.3	96.8

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#76

1,2,3-Trichloropropane

Concen: 43.454 ug/l m

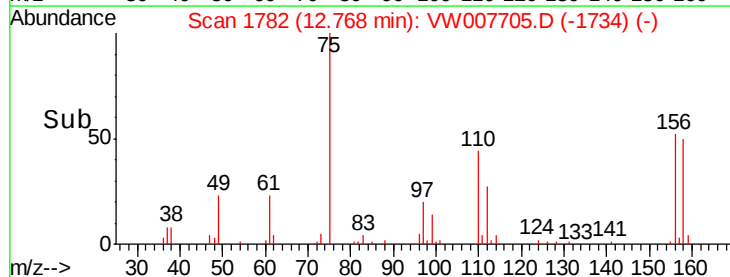
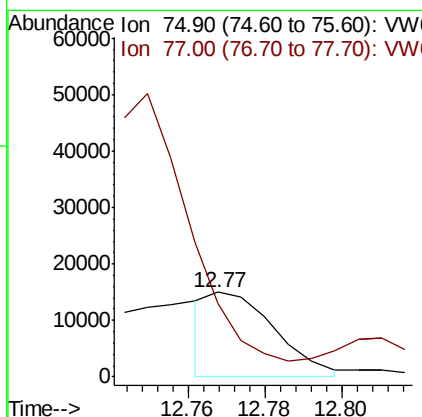
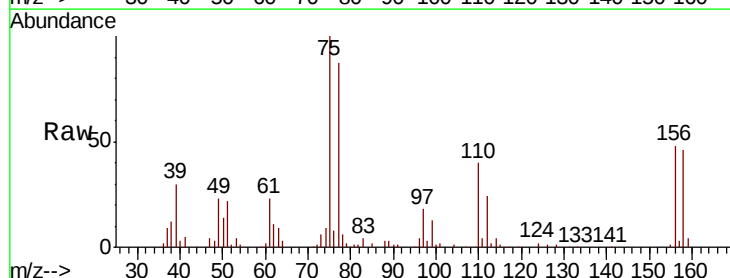
RT: 12.77 min Scan# 1782

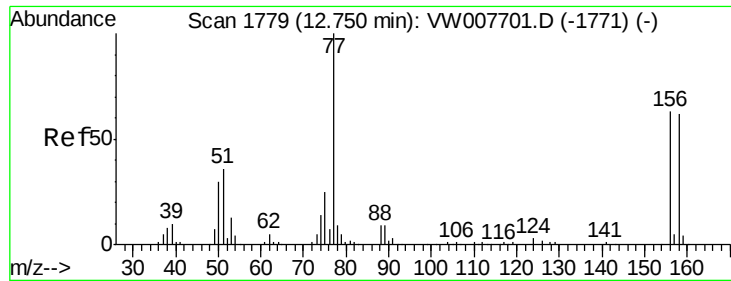
Delta R.T. -0.01 min

Lab File: VW007705.D

Acq: 19 Dec 2018 17:26

Tgt Ion:	75	Resp:	18208
Ion Ratio	Lower	Upper	
75	100		
77	482.6	0.0	0.0#





#77

Bromobenzene

Concen: 52.731 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007705.D

Acq: 19 Dec 2018 17:26

Instrument :

MSVOA_W

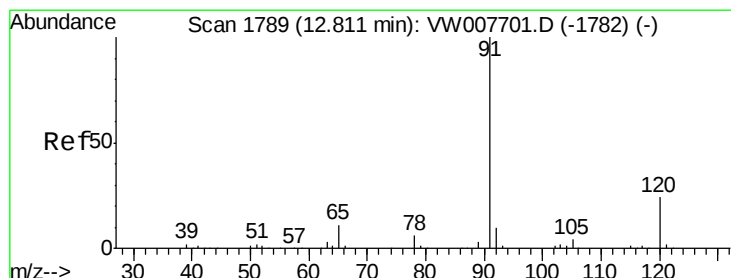
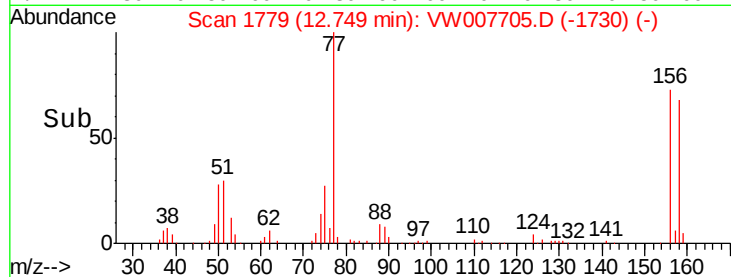
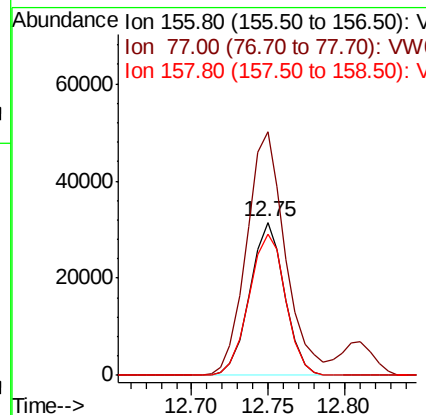
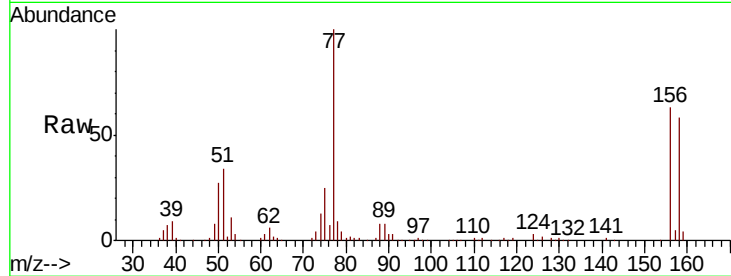
ClientSampleId :

ICVW122118

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	177.4	87.4	262.1	
158	97.3	48.4	145.0	

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#78

n-propylbenzene

Concen: 55.068 ug/l

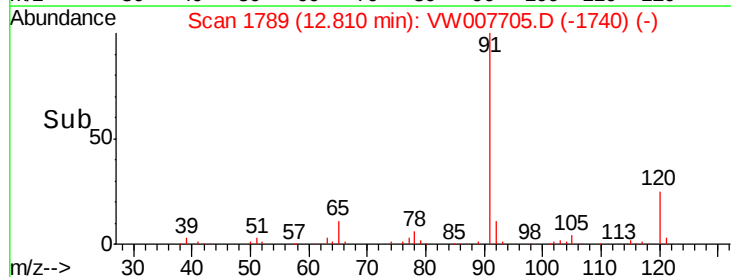
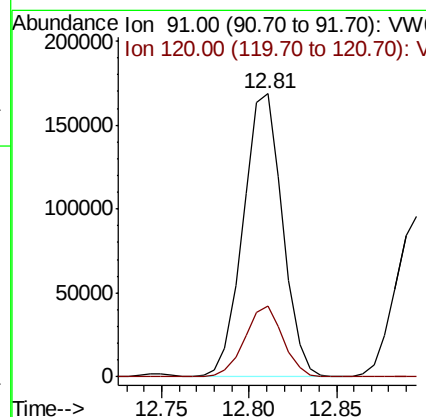
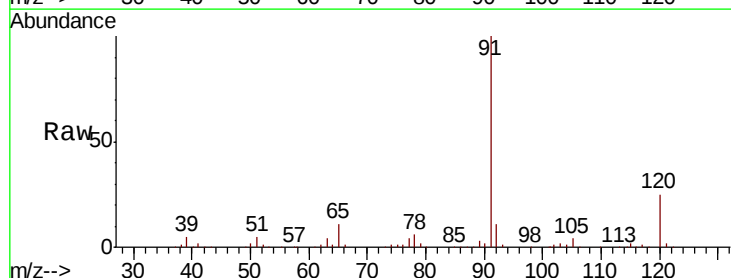
RT: 12.81 min Scan# 1789

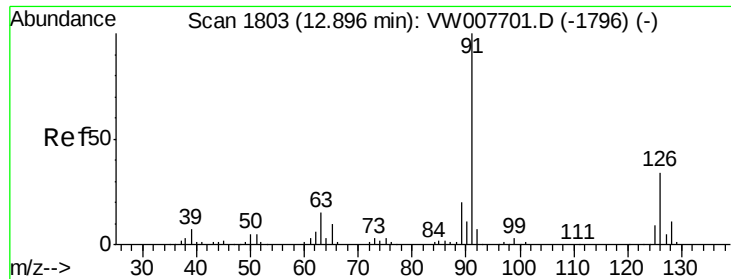
Delta R.T. -0.00 min

Lab File: VW007705.D

Acq: 19 Dec 2018 17:26

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	24.3	11.9	35.7	





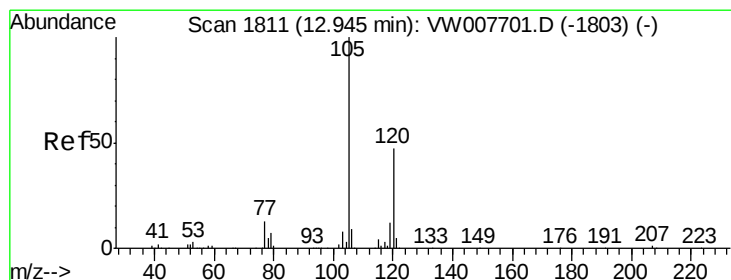
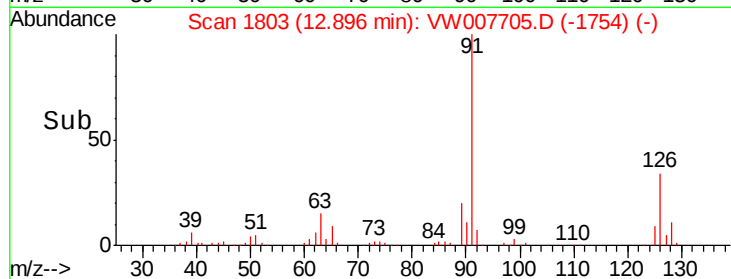
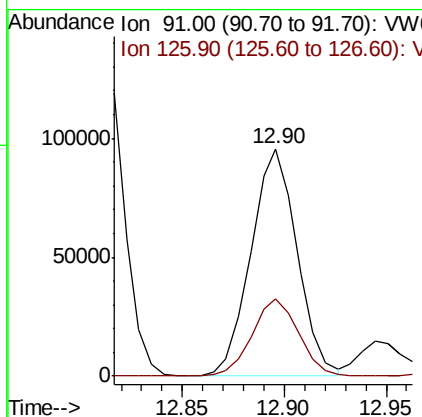
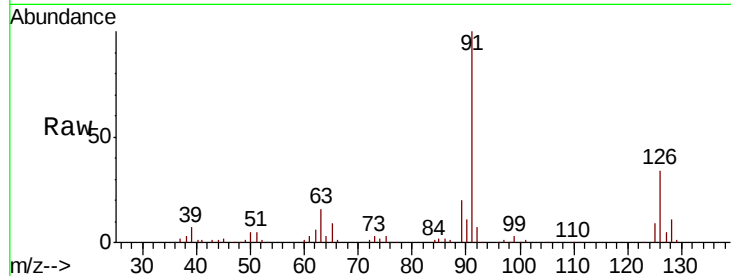
#79
 2-Chlorotoluene
 Concen: 54.243 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW007705.D
 Acq: 19 Dec 2018 17:26

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW122118

Tot Ion: 91 Resp: 150734
 Ion Ratio Lower Upper
 91 100
 126 34.1 17.0 51.0

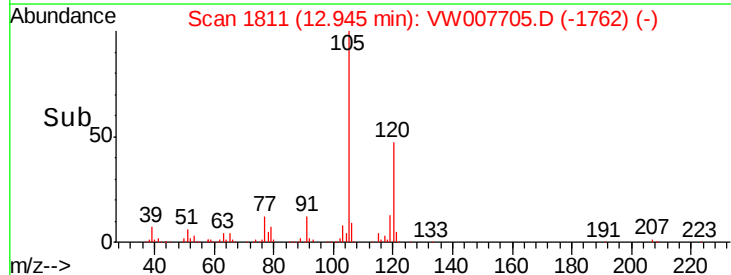
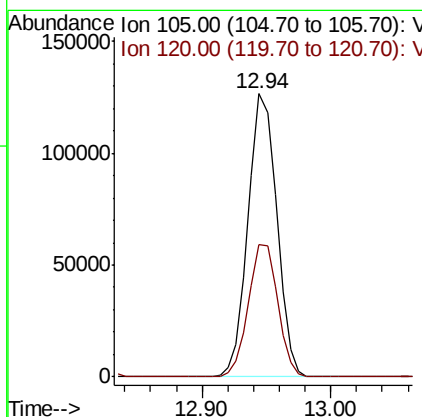
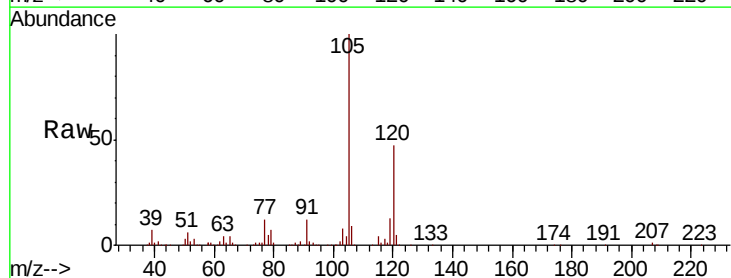
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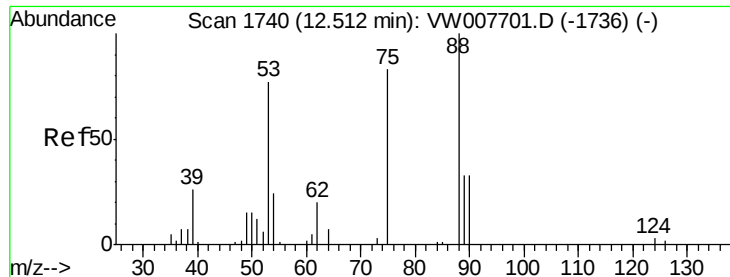
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#80
 1,3,5-Trimethylbenzene
 Concen: 55.237 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW007705.D
 Acq: 19 Dec 2018 17:26

Tgt Ion: 105 Resp: 195248
 Ion Ratio Lower Upper
 105 100
 120 47.8 23.6 70.8





#81

trans-1,4-Dichloro-2-butene

Concen: 48.487 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW007705.D

Acq: 19 Dec 2018 17:26

Instrument :

MSVOA_W

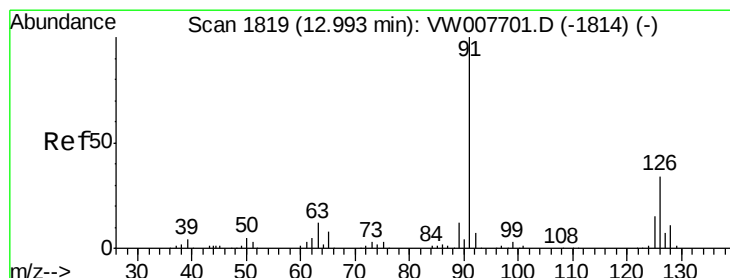
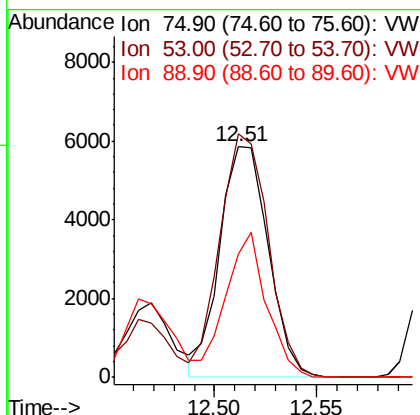
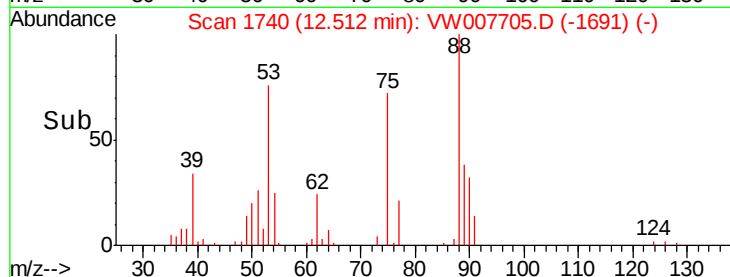
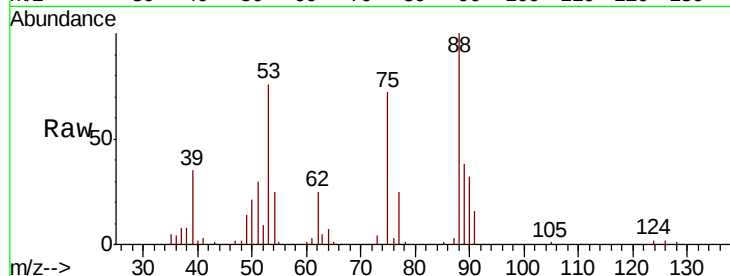
ClientSampleId :

ICVW122118

Tot Ion:	75	Resp:	9679
Ion	Ratio	Lower	Upper
75	100		
53	105.5	80.2	120.2
89	53.8	39.2	58.8

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#82

4-Chlorotoluene

Concen: 54.106 ug/l

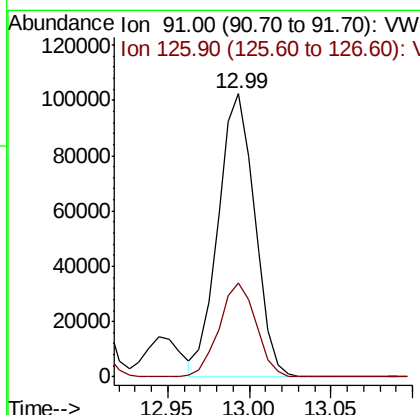
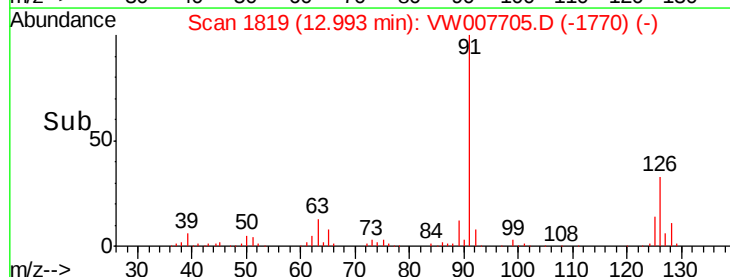
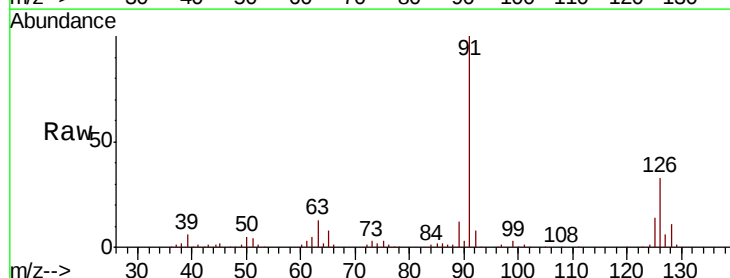
RT: 12.99 min Scan# 1819

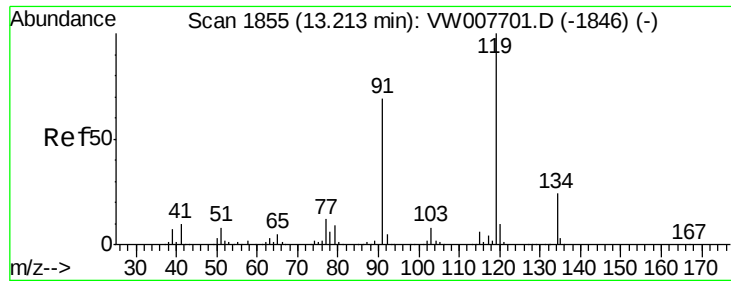
Delta R.T. -0.00 min

Lab File: VW007705.D

Acq: 19 Dec 2018 17:26

Tgt Ion:	91	Resp:	160092
Ion	Ratio	Lower	Upper
91	100		
126	33.4	16.5	49.5





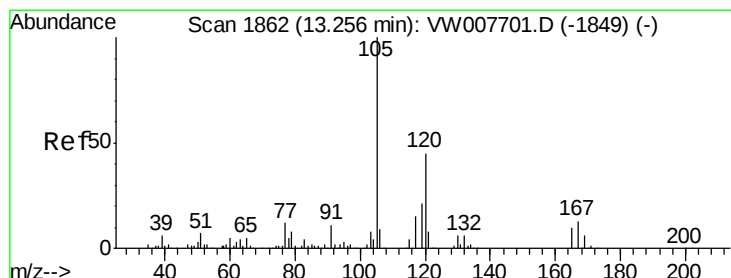
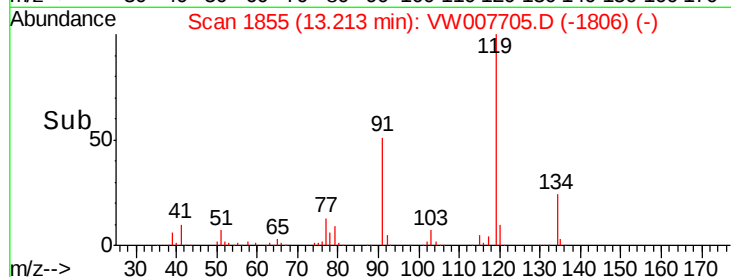
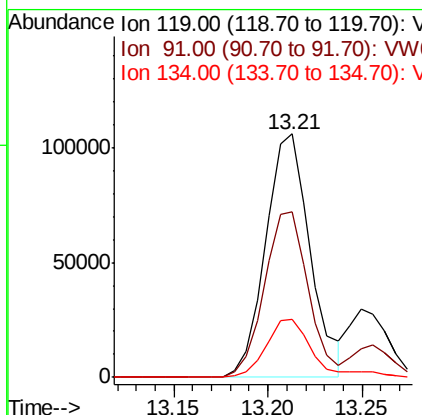
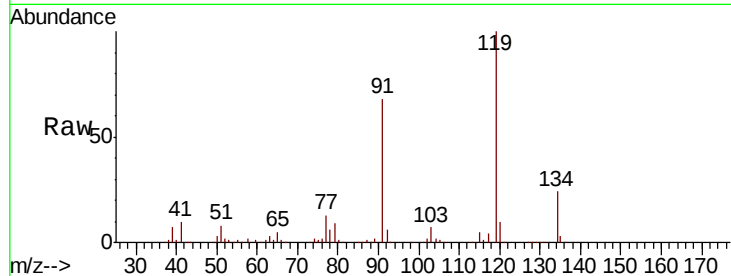
#83
tert-Butylbenzene
Concen: 55.987 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW007705.D
Acq: 19 Dec 2018 17:26

Instrument :
MSVOA_W
ClientSampleId :
ICVW122118

Tot Ion	Ratio	Lower	Upper
119	100		
91	67.0	34.2	102.5
134	25.4	12.8	38.4

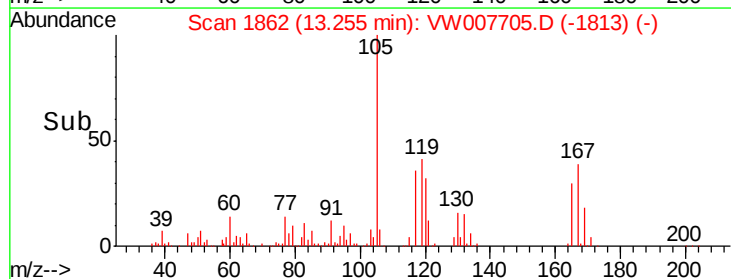
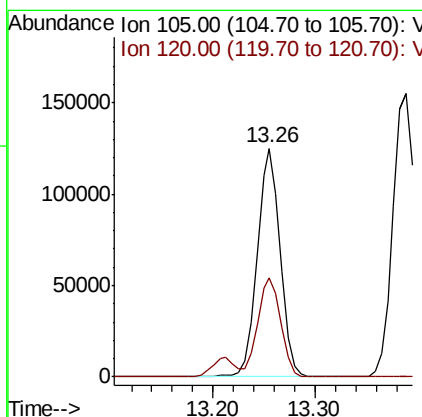
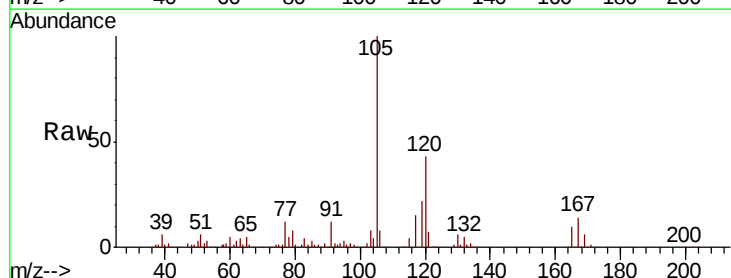
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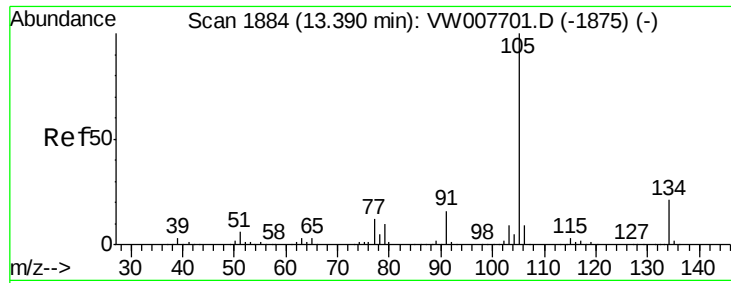
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#84
1,2,4-Trimethylbenzene
Concen: 54.955 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW007705.D
Acq: 19 Dec 2018 17:26

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.1	22.0	66.0





#85

sec-Butylbenzene

Concen: 56.086 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW007705.D

Acq: 19 Dec 2018 17:26

Instrument :

MSVOA_W

ClientSampleId :

ICVW122118

Tot Ion:105 Resp: 239734

Ion Ratio Lower Upper

105 100

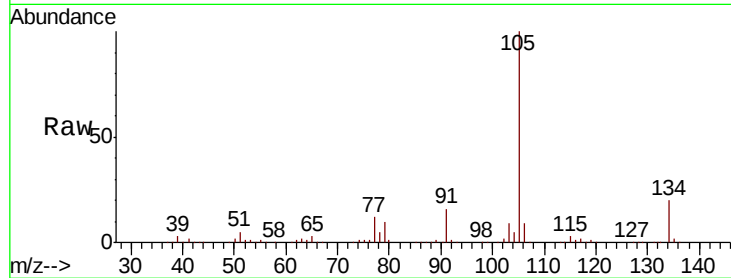
134 20.2 10.2 30.4

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.39

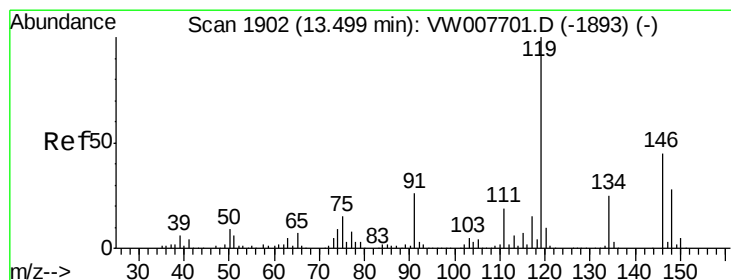
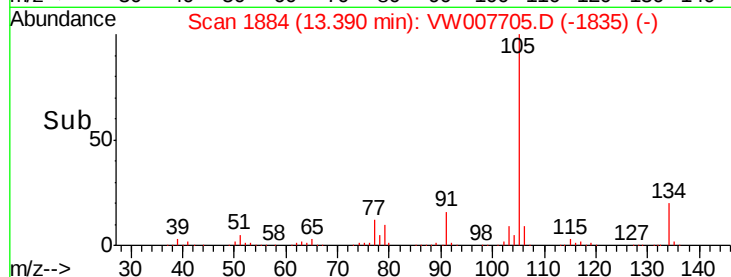
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 55.774 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW007705.D

Acq: 19 Dec 2018 17:26

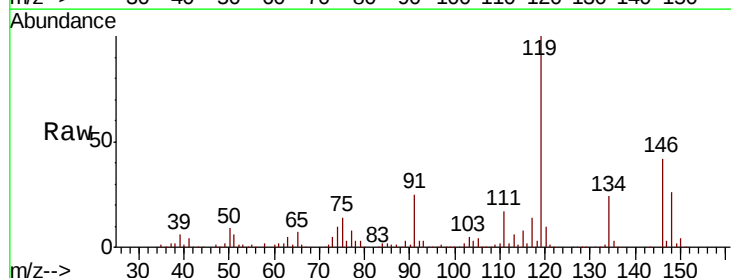
Tgt Ion:119 Resp: 216780

Ion Ratio Lower Upper

119 100

134 25.3 13.0 39.0

91 25.1 12.8 38.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.50

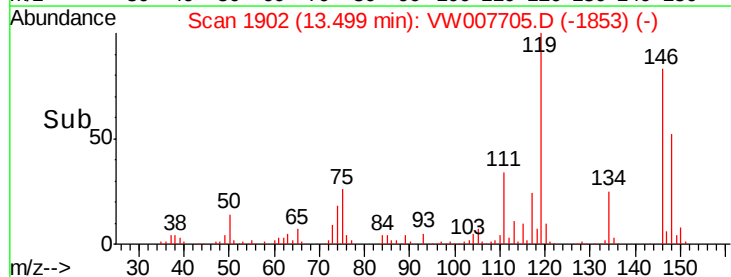
150000

100000

50000

0

Time-->





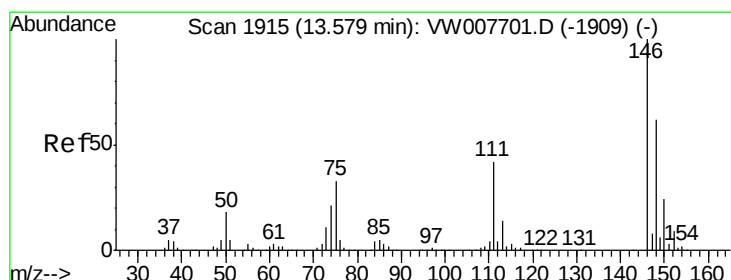
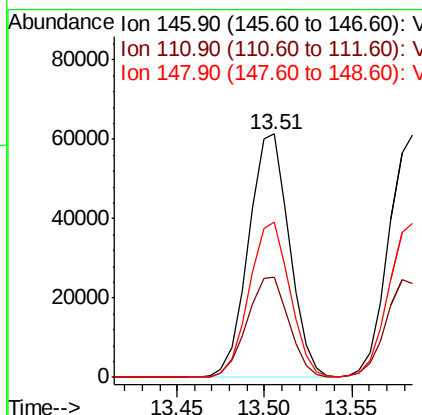
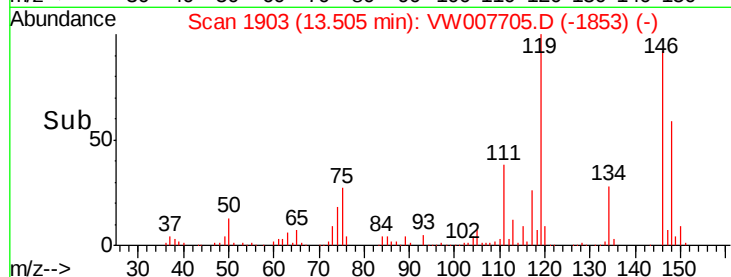
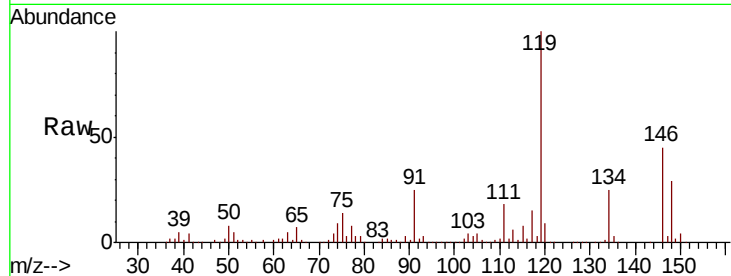
#87
 1,3-Dichlorobenzene
 Concen: 53.305 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: VW007705.D
 Acq: 19 Dec 2018 17:26

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW122118

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.2	21.1	63.4
148	63.6	32.1	96.5

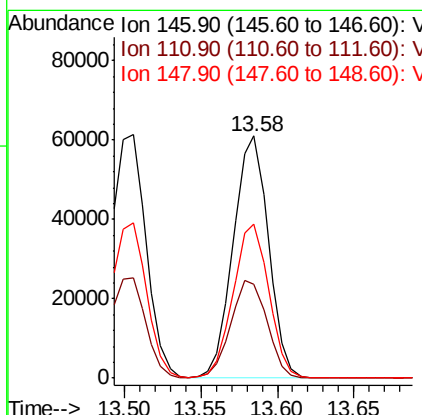
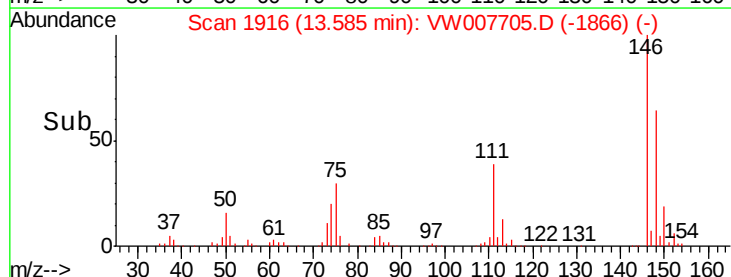
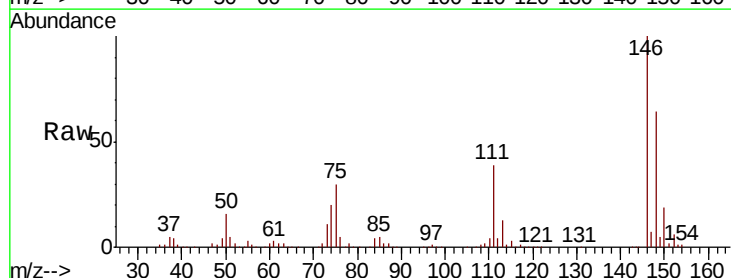
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#88
 1,4-Dichlorobenzene
 Concen: 52.347 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.01 min
 Lab File: VW007705.D
 Acq: 19 Dec 2018 17:26

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.6	21.0	63.0
148	64.3	31.8	95.4





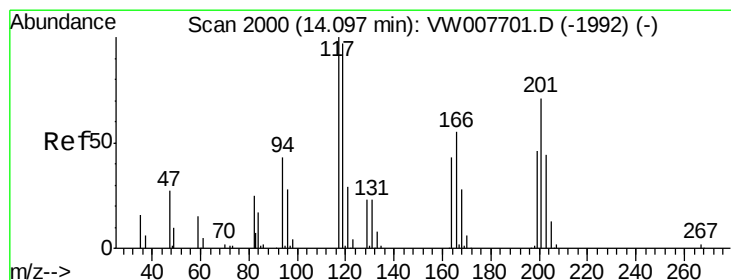
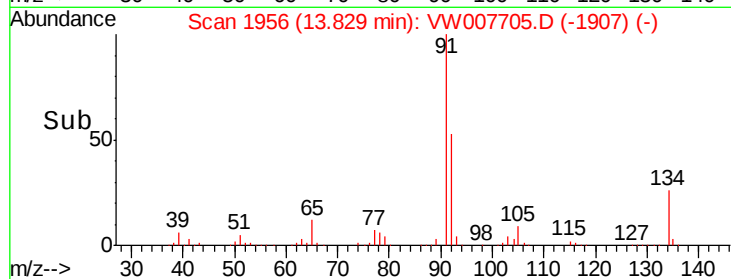
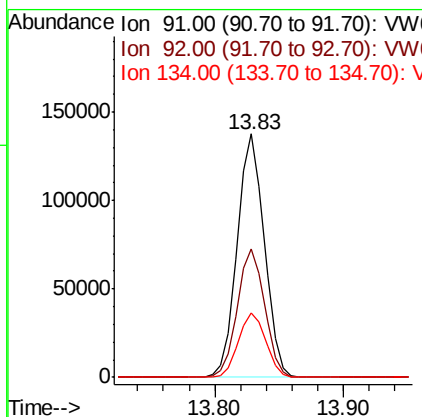
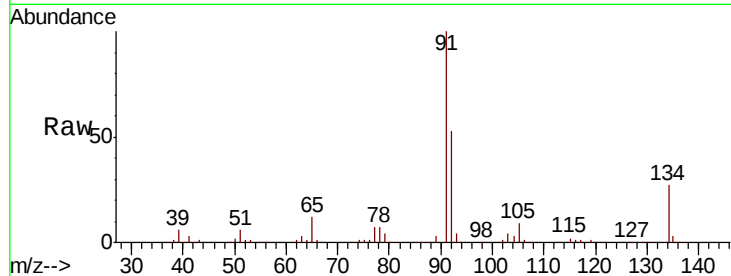
#89
n-Butylbenzene
Concen: 56.207 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW007705.D
Acq: 19 Dec 2018 17:26

Instrument :
MSVOA_W
ClientSampleId :
ICVW122118

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.0	26.4	79.2
134	26.8	13.7	41.0

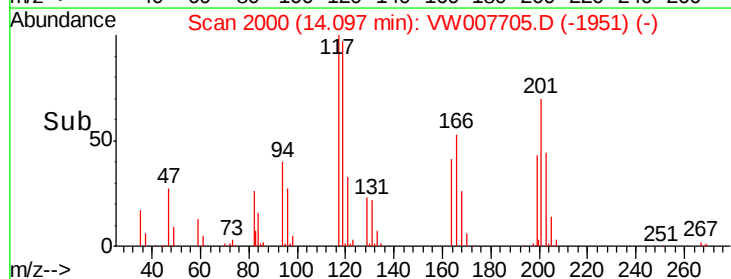
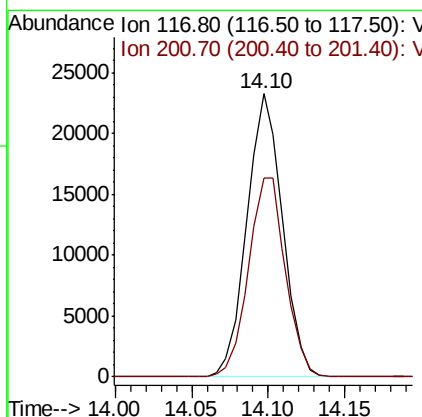
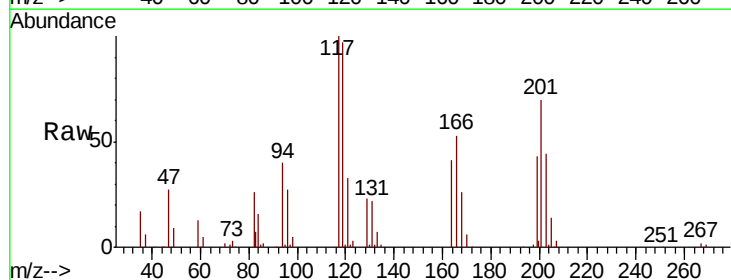
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#90
Hexachloroethane
Concen: 55.049 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW007705.D
Acq: 19 Dec 2018 17:26

Tgt Ion	Ratio	Lower	Upper
117	100		
201	73.0	36.2	108.6





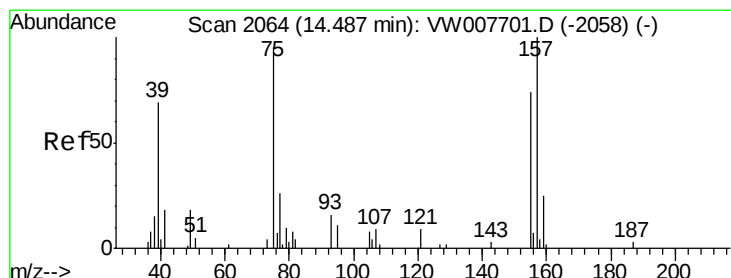
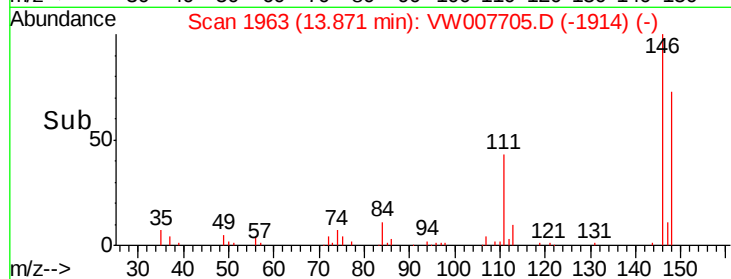
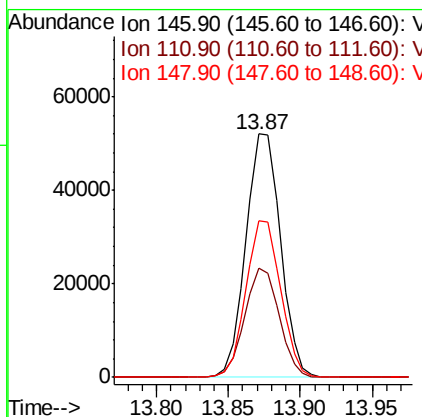
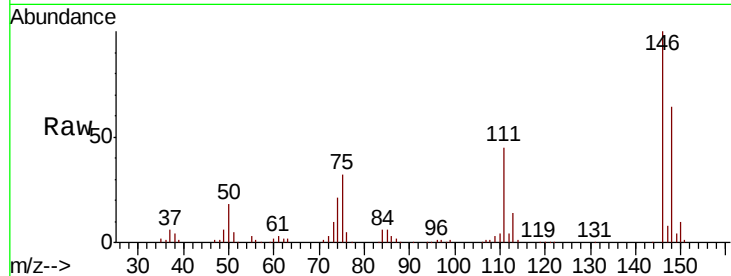
#91
 1,2-Dichlorobenzene
 Concen: 51.938 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW007705.D
 Acq: 19 Dec 2018 17:26

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW122118

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.5	21.7	65.1
148	64.1	32.1	96.5

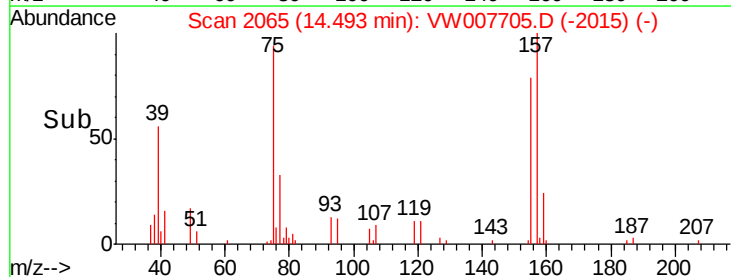
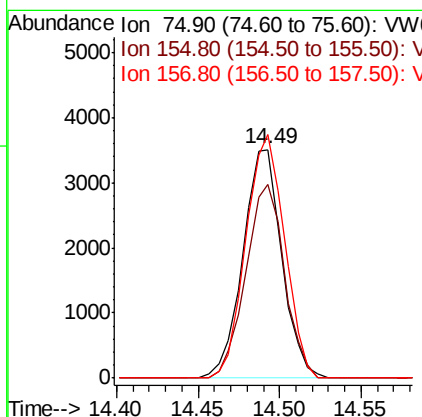
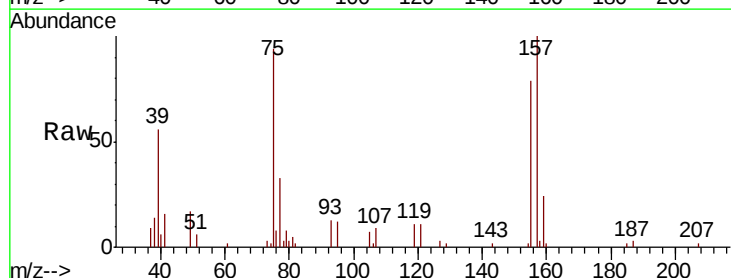
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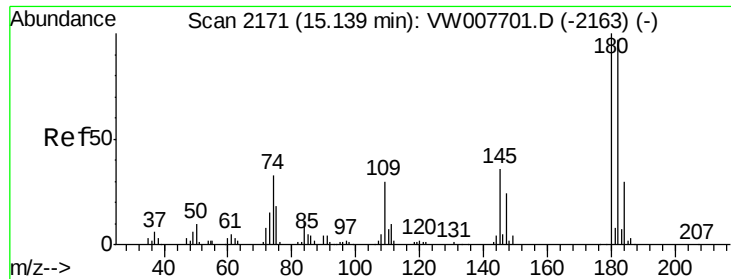
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.323 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.01 min
 Lab File: VW007705.D
 Acq: 19 Dec 2018 17:26

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.9	39.4	118.1
157	105.4	52.0	156.0





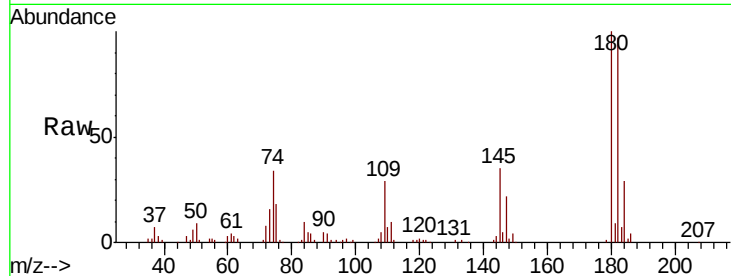
#93
1,2,4-Trichlorobenzene
Concen: 51.637 ug/l
RT: 15.14 min Scan# 2171
Delta R.T. -0.00 min
Lab File: VW007705.D
Acq: 19 Dec 2018 17:26

Instrument :
MSVOA_W
ClientSampleId :
ICVW122118

Tot Ion	Ratio	Resp	Lower	Upper
180	100	59841		
182	94.4	47.5	142.6	
145	34.4	17.5	52.5	

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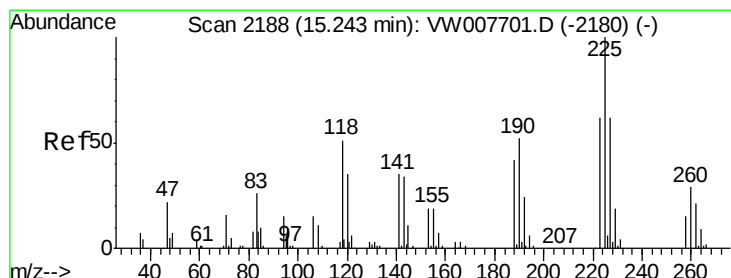
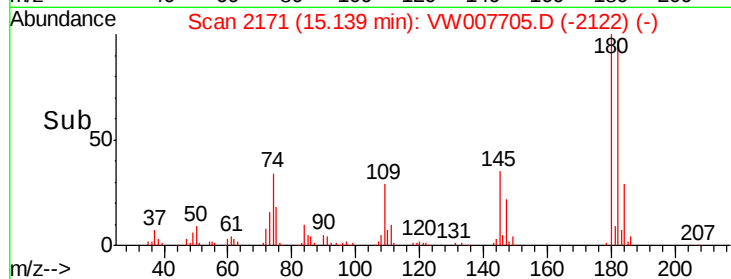
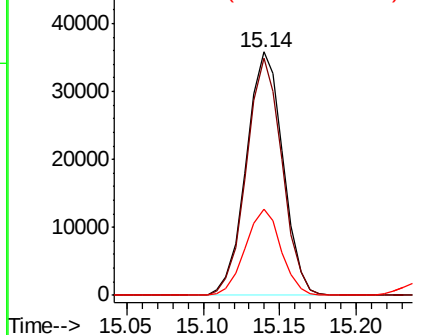


Abundance

Ion 179.80 (179.50 to 180.50): V

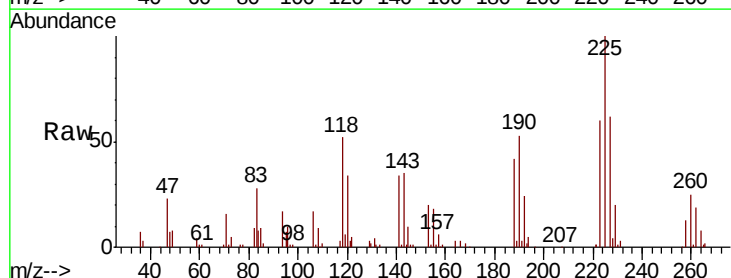
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
Hexachlorobutadiene
Concen: 54.811 ug/l
RT: 15.24 min Scan# 2188
Delta R.T. -0.00 min
Lab File: VW007705.D
Acq: 19 Dec 2018 17:26

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	33946		
223	62.6	31.6	94.8	
227	62.3	32.1	96.3	

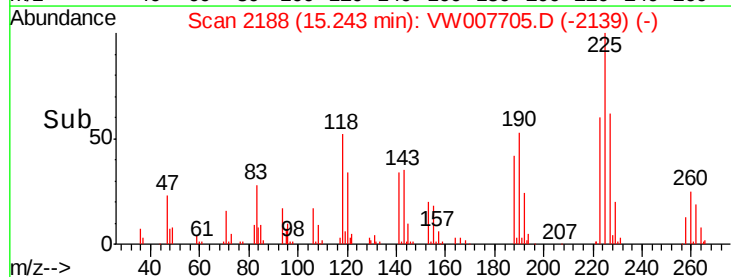
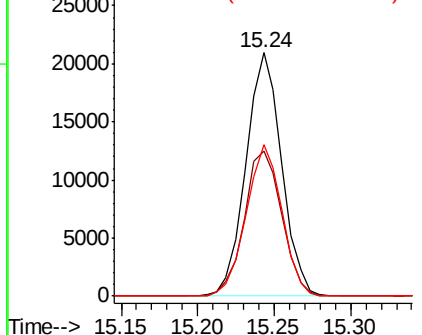


Abundance

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





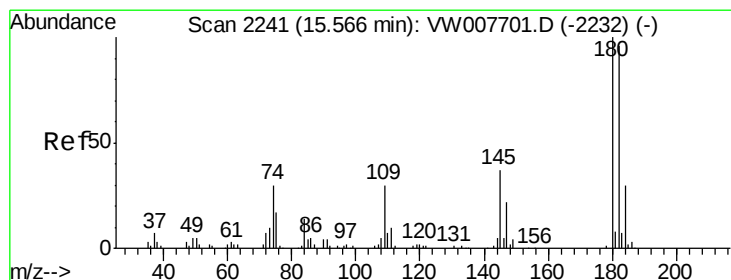
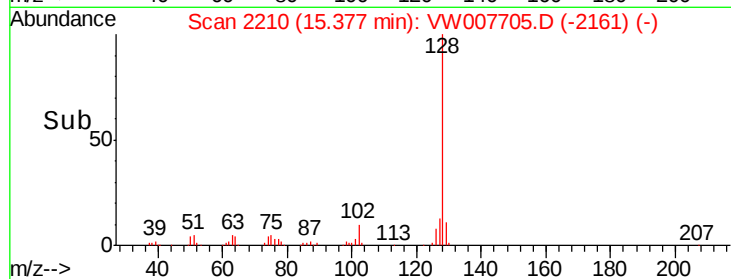
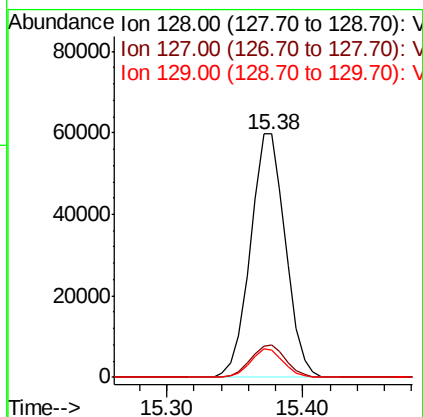
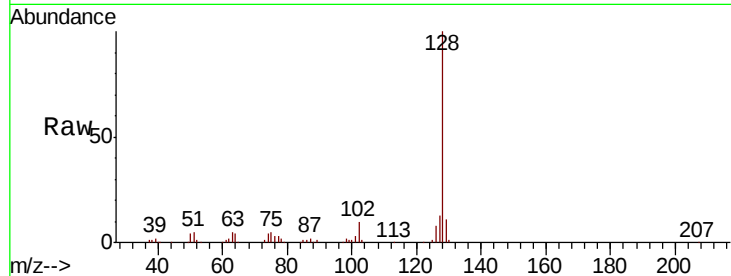
#95
Naphthalene
Concen: 50.361 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW007705.D
Acq: 19 Dec 2018 17:26

Instrument :
MSVOA_W
ClientSampleId :
ICVW122118

Tot Ion	Ratio	Resp	Lower	Upper
128	100	107901		
127	13.5		10.7	16.1
129	11.0		8.8	13.2

Manual Integrations
APPROVED

apatel
12/20/2018 11:19:51 AM



#96
1,2,3-Trichlorobenzene
Concen: 51.439 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW007705.D
Acq: 19 Dec 2018 17:26

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	51027		
182	92.0		47.4	142.2
145	36.4		18.4	55.0

