

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 :
 ICVVW122118

Quant Time: Dec 20 06:48:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	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	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	40382	47.36	ug/l	0.00
Spiked Amount			Recovery	=	94.72%	
35) Dibromofluoromethane	7.88	113	38258	50.95	ug/l	0.00
Spiked Amount			Recovery	=	101.90%	
50) Toluene-d8	10.32	98	147048	51.94	ug/l	0.00
Spiked Amount			Recovery	=	103.88%	
62) 4-Bromofluorobenzene	12.62	95	54523	49.85	ug/l	0.00
Spiked Amount			Recovery	=	99.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	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	42996	102.612	ug/l #	100
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

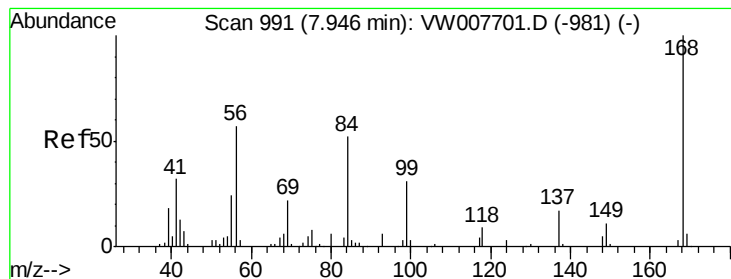
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Response via : Initial Calibration

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 :

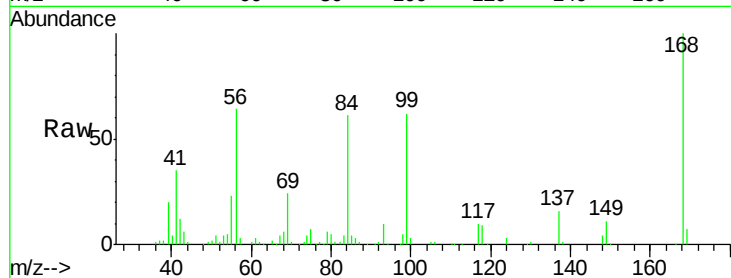
ICVW122118

Tgt Ion: 168 Resp: 77799

Ion Ratio Lower Upper

168 100

99 62.1 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): VW007701.D (-981) (-)

Ion 98.90 (98.60 to 99.60): VW007701.D (-981) (-)

7.95

40000

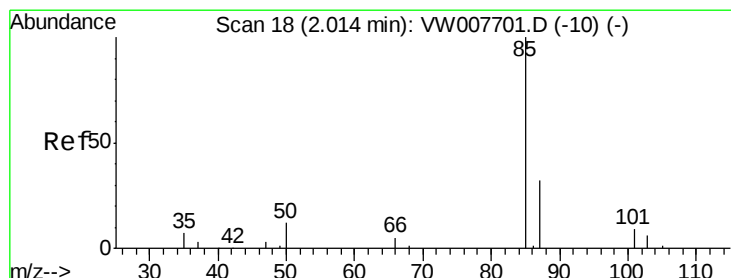
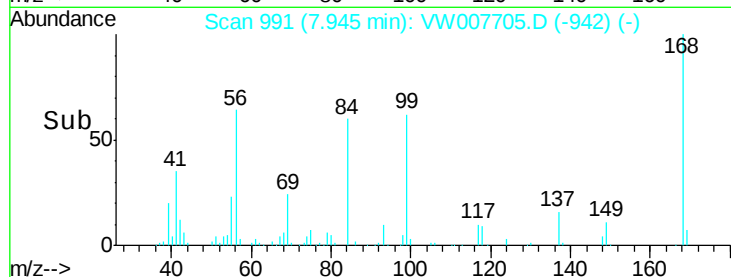
30000

20000

10000

0

Time--> 7.85 7.90 7.95 8.00 8.05



#2

Dichlorodifluoromethane

Concen: 49.502 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW007705.D

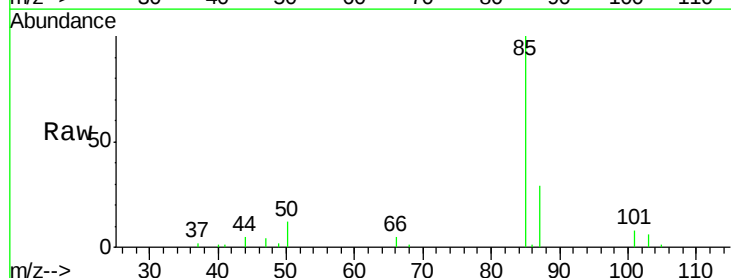
Acq: 19 Dec 2018 17:26

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): VW007701.D (-10) (-)

Ion 86.90 (86.60 to 87.60): VW007701.D (-10) (-)

2.01

12000

10000

8000

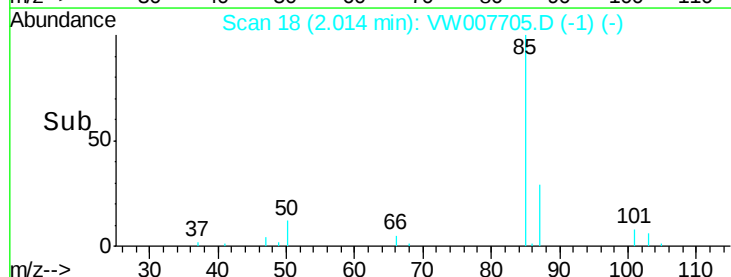
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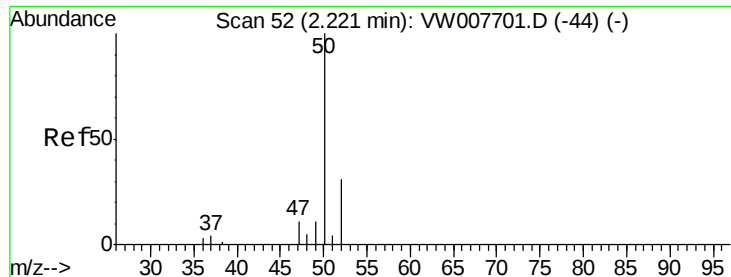
4000

2000

0

Time--> 1.90 2.00 2.10 2.20





#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 :

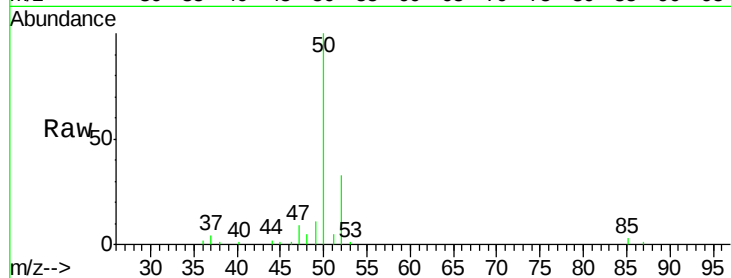
ICVW122118

Tgt Ion: 50 Resp: 22094

Ion Ratio Lower Upper

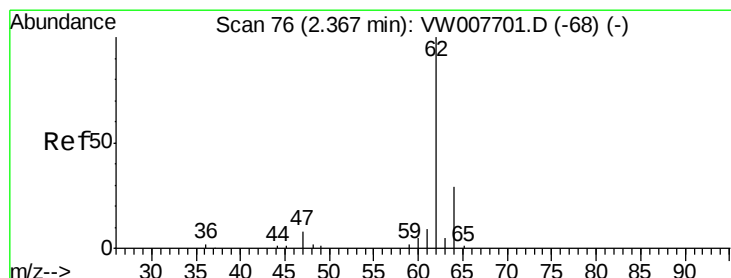
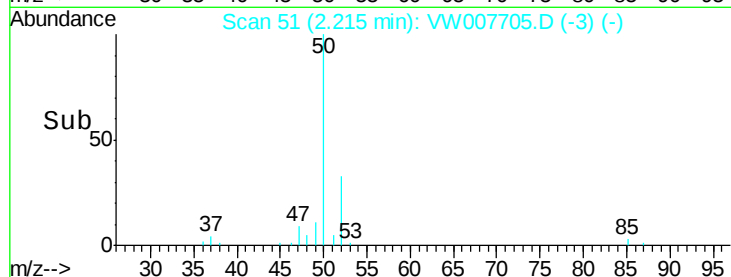
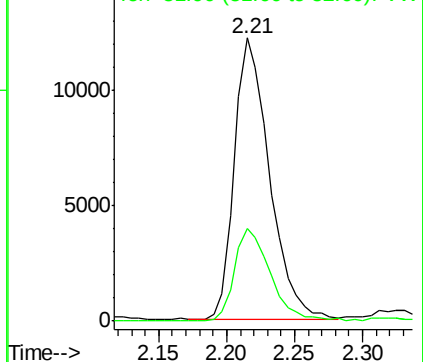
50 100

52 32.8 25.1 37.7



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

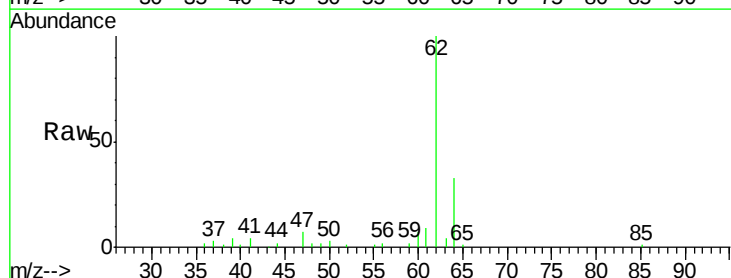
Acq: 19 Dec 2018 17:26

Tgt Ion: 62 Resp: 29155

Ion Ratio Lower Upper

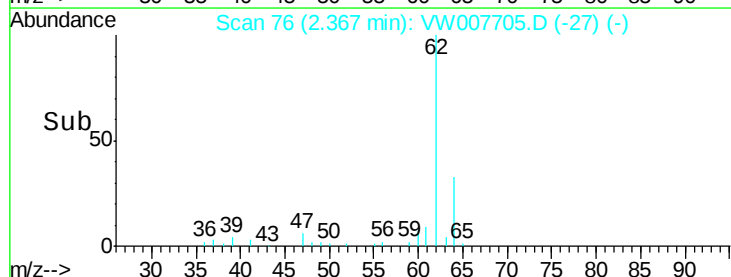
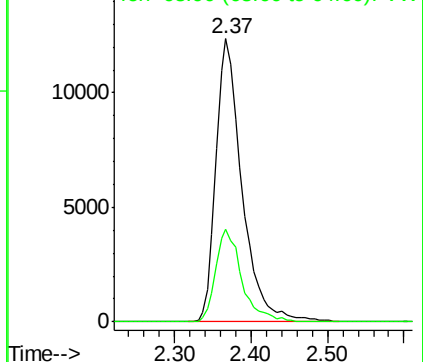
62 100

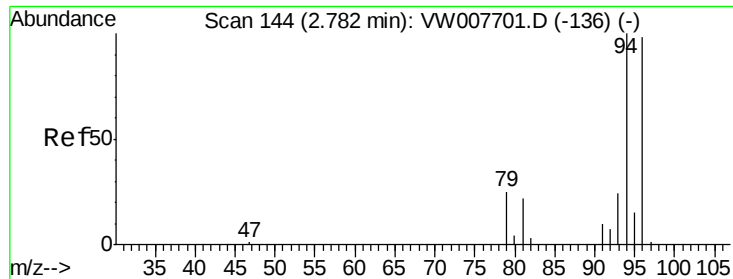
64 32.5 23.4 35.0



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW

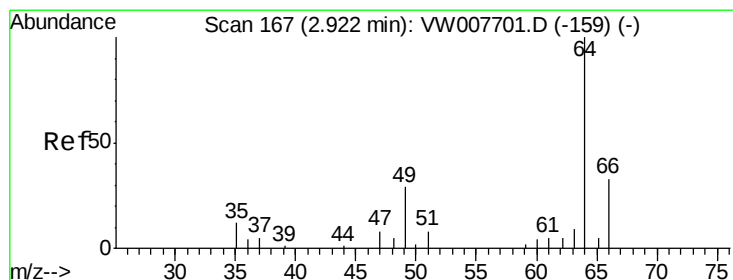
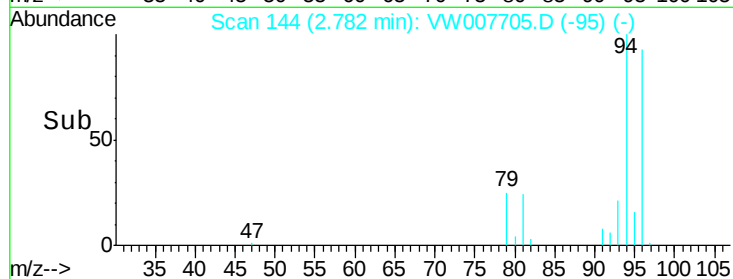
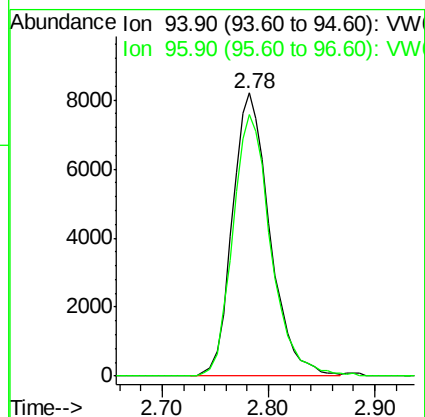
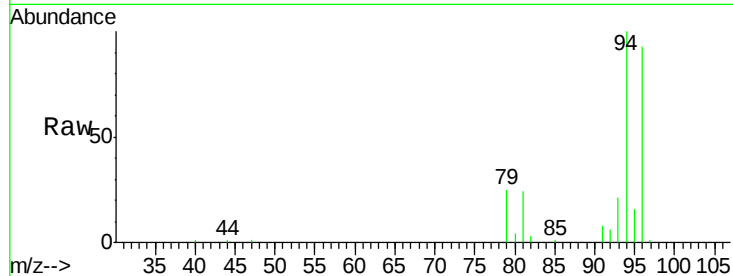




#5
Bromomethane
Concen: 53.664 ug/l
RT: 2.78 min Scan# 144
Delta R.T. -0.00 min
Lab File: VW007705.D
Acq: 19 Dec 2018 17:26

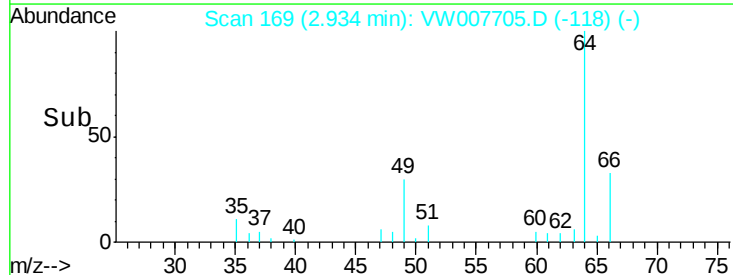
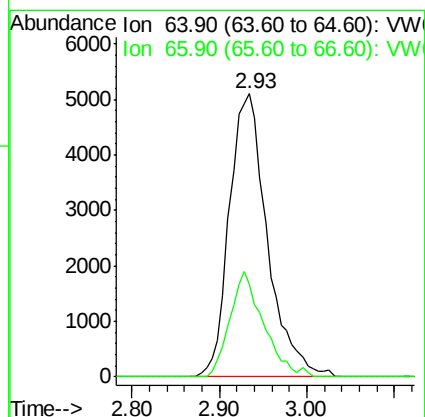
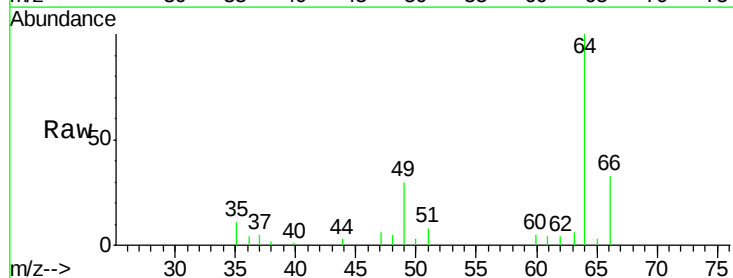
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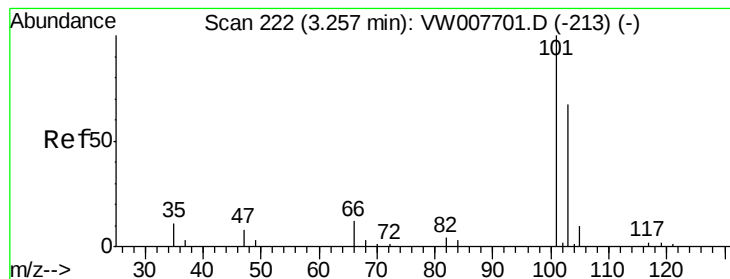
Tgt Ion: 94 Resp: 20207
Ion Ratio Lower Upper
94 100
96 92.5 78.2 117.2



#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



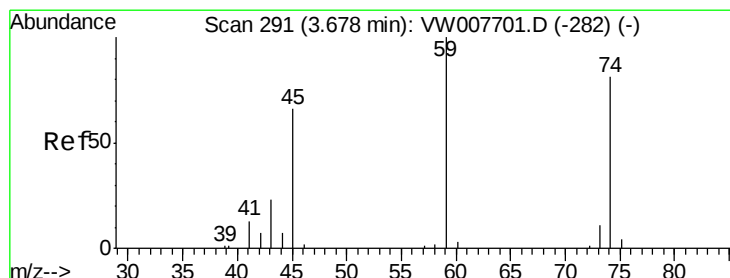
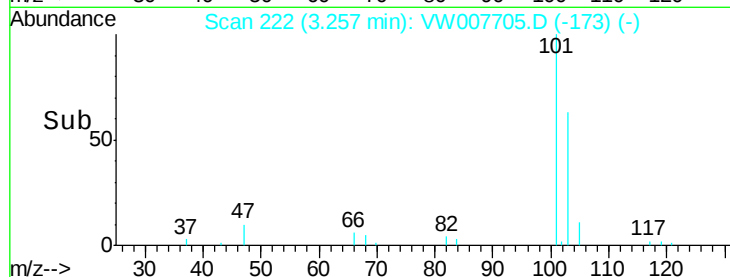
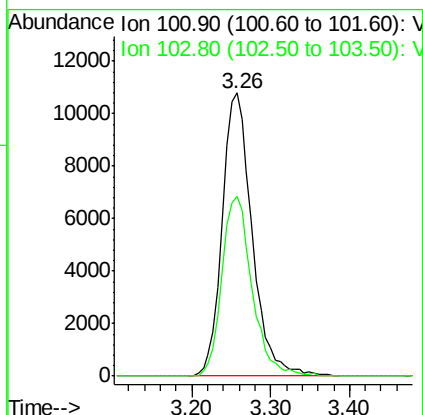
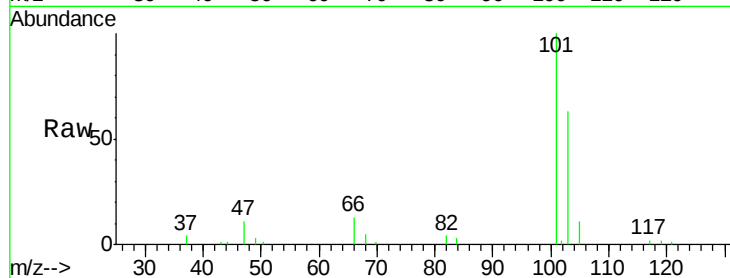


#7

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

Instrument :
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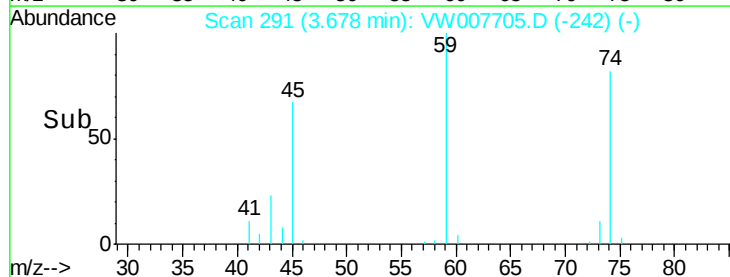
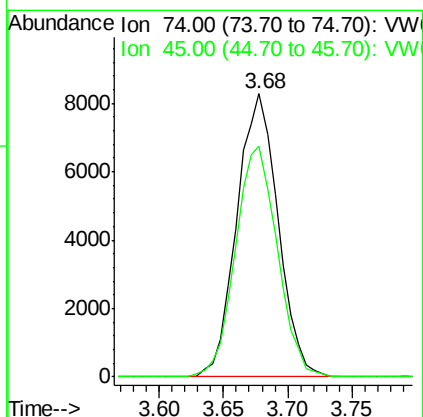
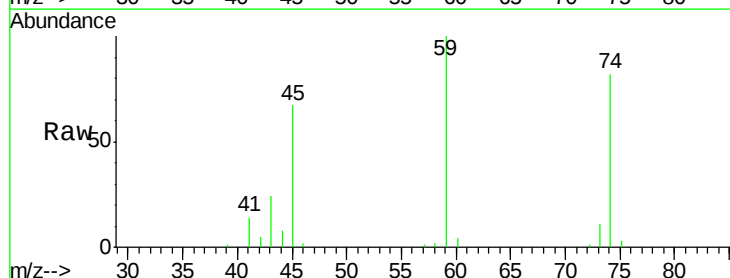
Tgt Ion: 101 Resp: 28507
 Ion Ratio Lower Upper
 101 100
 103 63.4 53.4 80.2

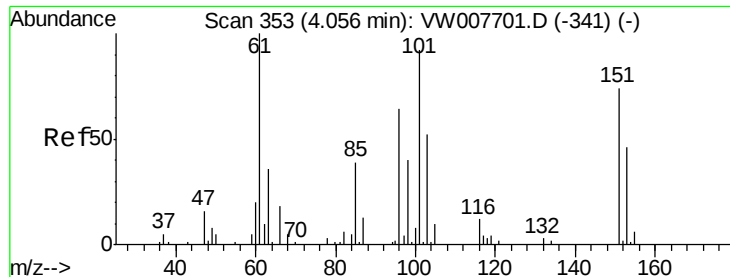


#8

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: 74 Resp: 18326
 Ion Ratio Lower Upper
 74 100
 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

Acq: 19 Dec 2018 17:26

Instrument :

MSVOA_W

ClientSampleId :

ICVW122118

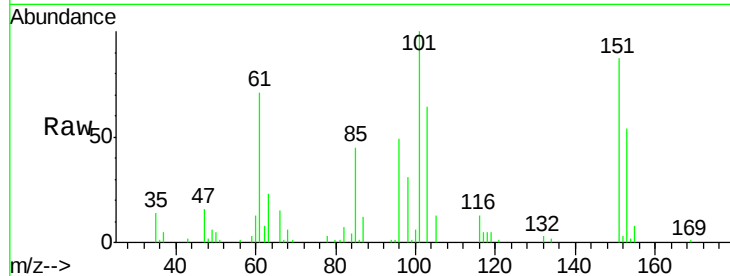
Tgt Ion:101 Resp: 43509

Ion Ratio Lower Upper

101 100

85 43.0 34.3 51.5

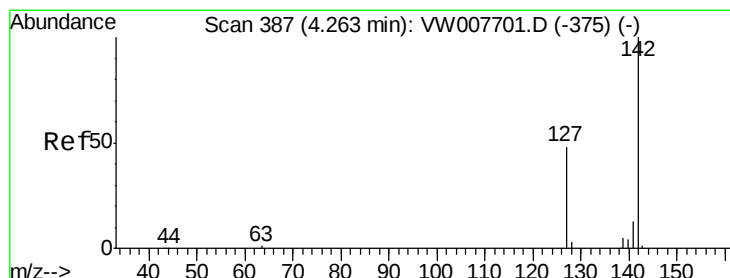
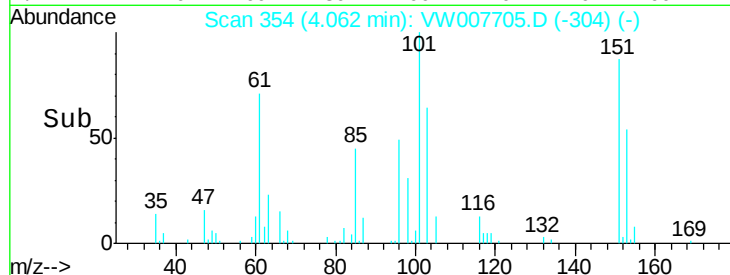
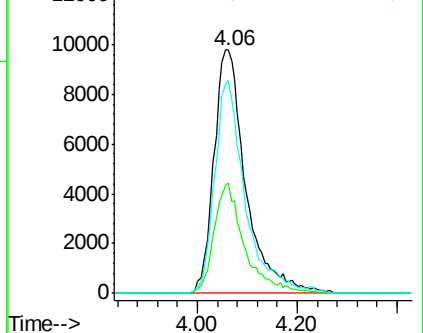
151 82.9 64.6 96.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 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

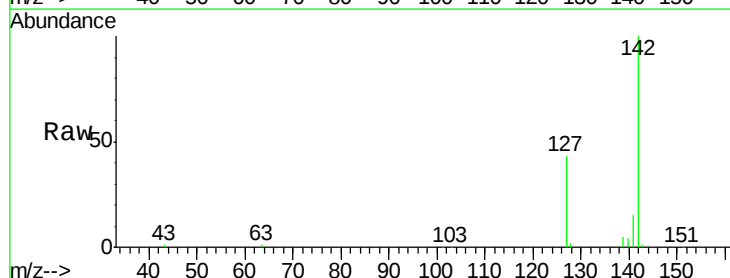
Tgt Ion:142 Resp: 67178

Ion Ratio Lower Upper

142 100

127 47.9 37.7 56.5

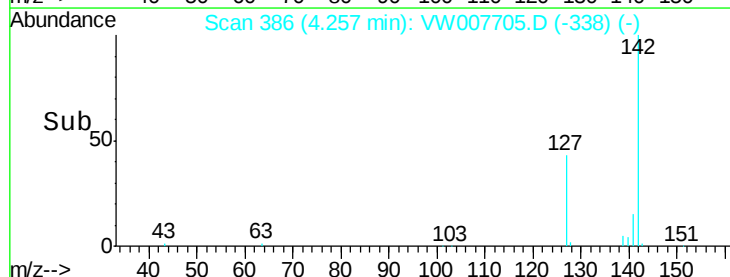
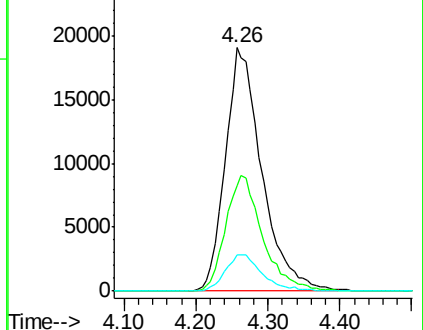
141 15.2 11.5 17.3

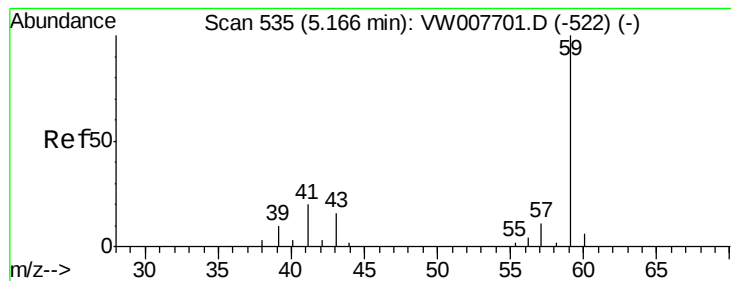


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



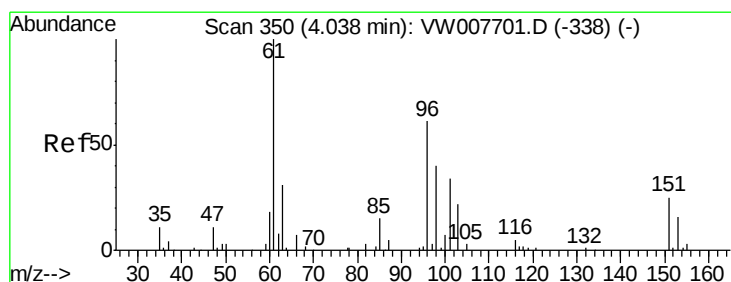
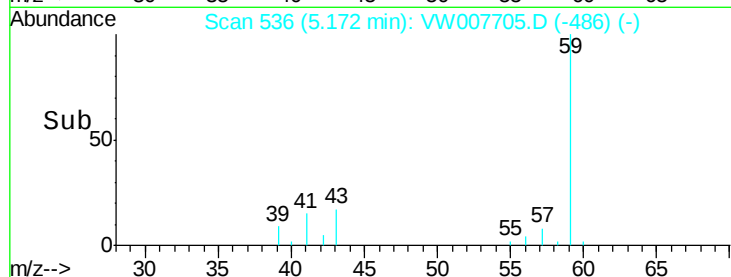
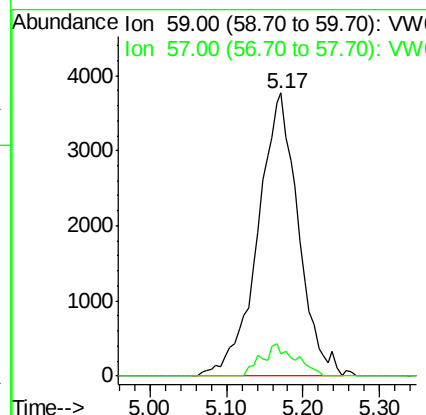
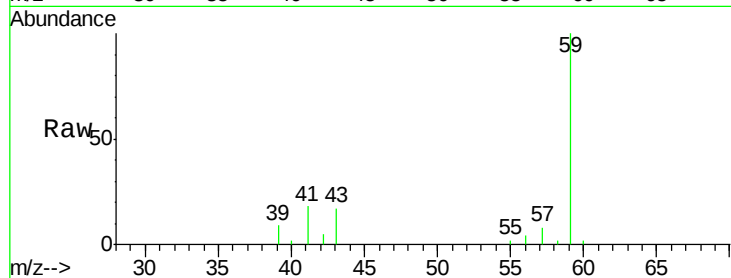


#11

Tert butyl alcohol
 Concen: 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 :
 ICVVW122118

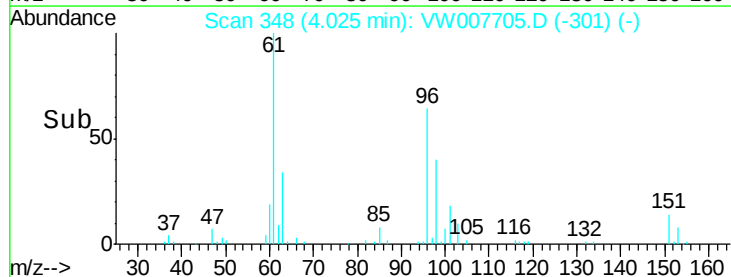
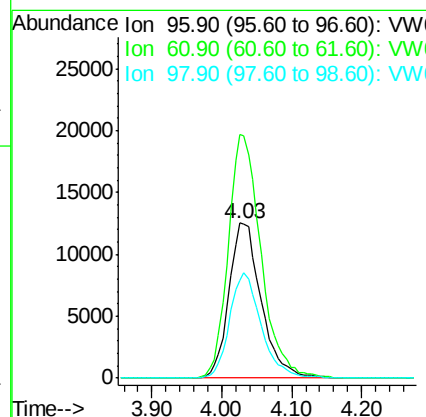
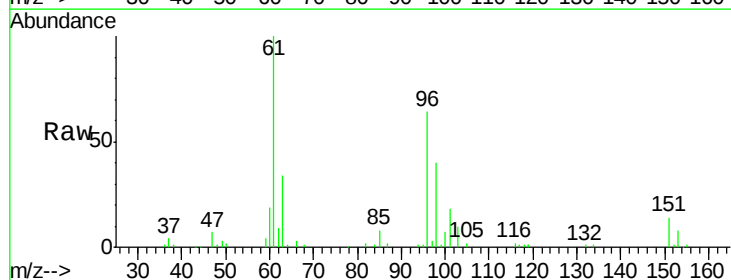
Tgt Ion: 59 Resp: 13880
 Ion Ratio Lower Upper
 59 100
 57 9.5 7.8 11.8

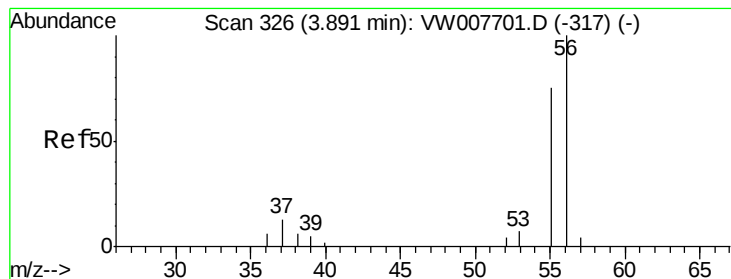


#12

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: 96 Resp: 40249
 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 :

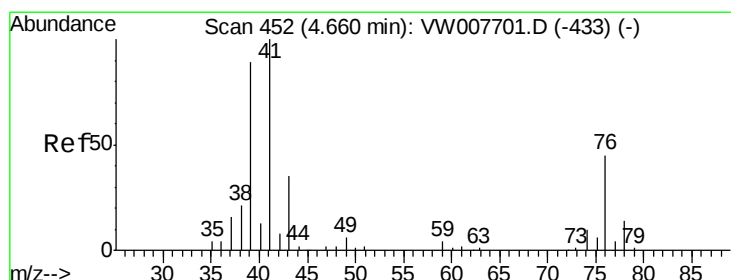
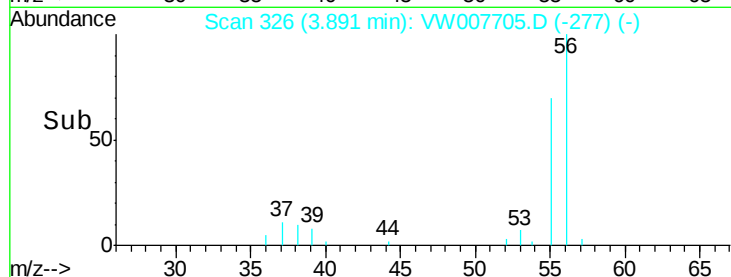
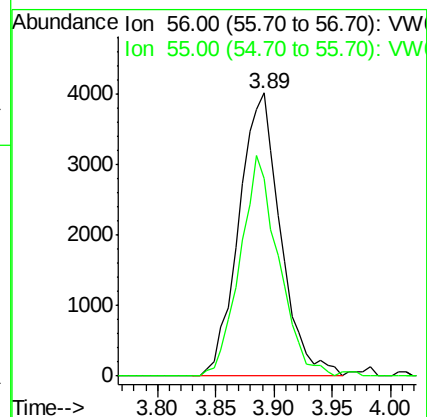
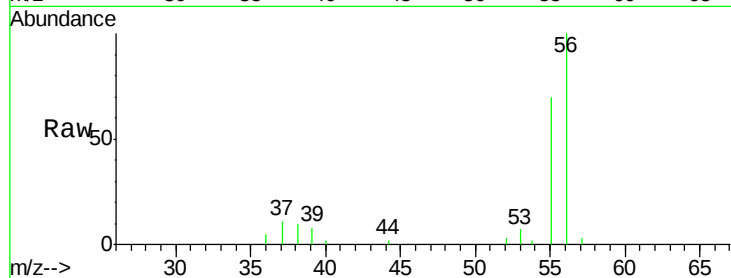
ICVW122118

Tgt Ion: 56 Resp: 10007

Ion Ratio Lower Upper

56 100

55 72.2 57.7 86.5



#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

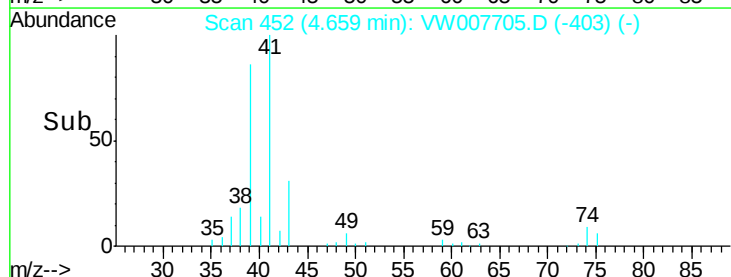
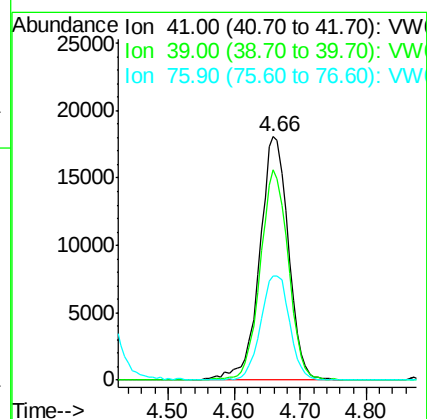
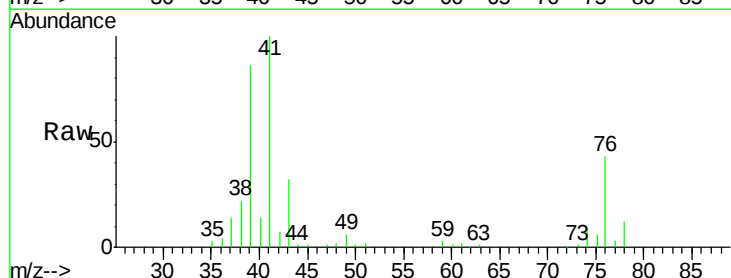
Tgt Ion: 41 Resp: 54740

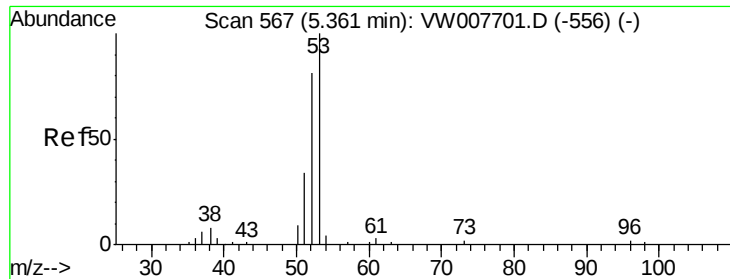
Ion Ratio Lower Upper

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

ClientSampleId :

ICVW122118

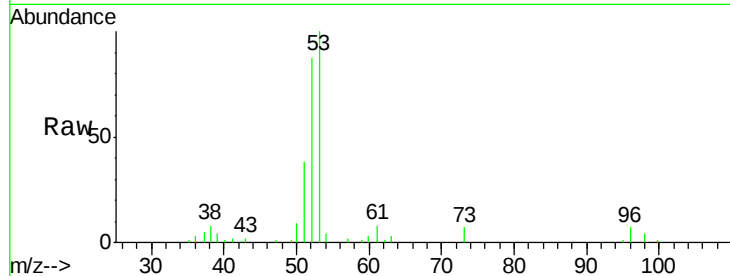
Tgt Ion: 53 Resp: 34411

Ion Ratio Lower Upper

53 100

52 82.9 67.0 100.4

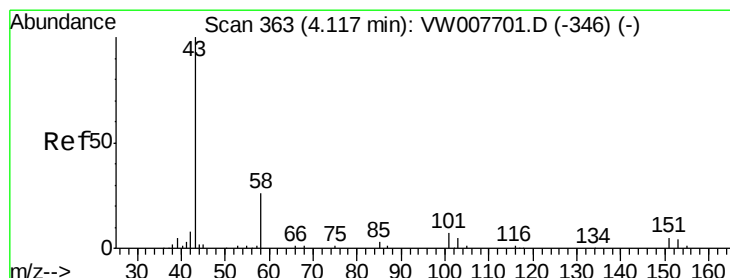
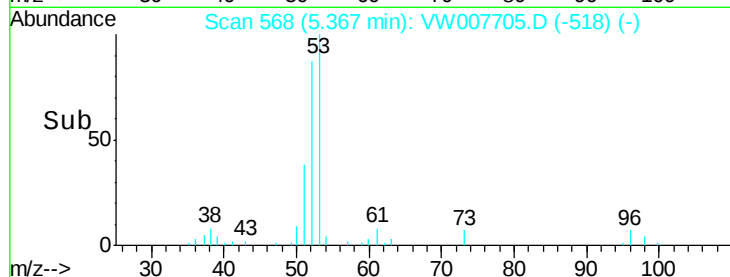
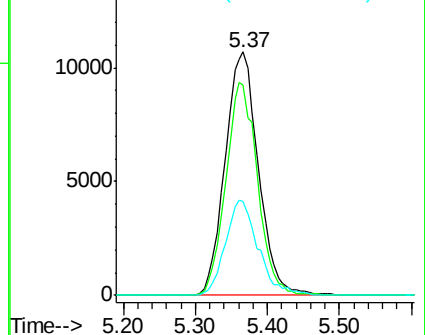
51 38.4 30.2 45.2



Abundance Ion 53.00 (52.70 to 53.70): VW

Ion 52.00 (51.70 to 52.70): VW

Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 247.347 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007705.D

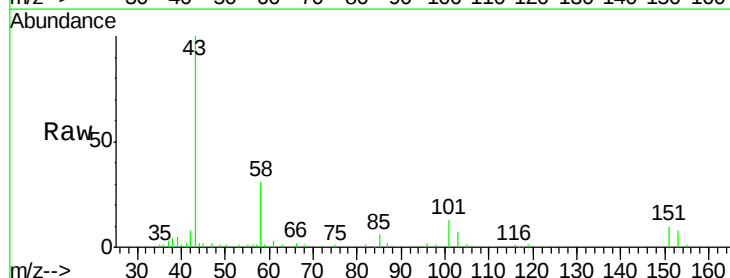
Acq: 19 Dec 2018 17:26

Tgt Ion: 43 Resp: 39496

Ion Ratio Lower Upper

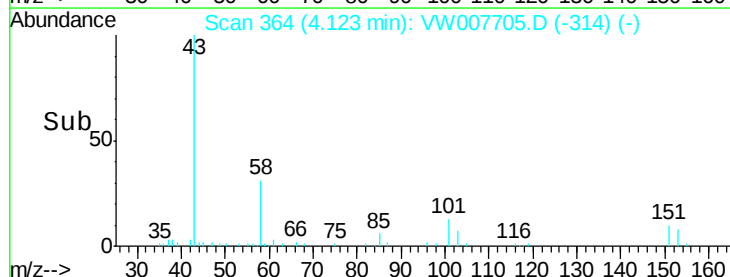
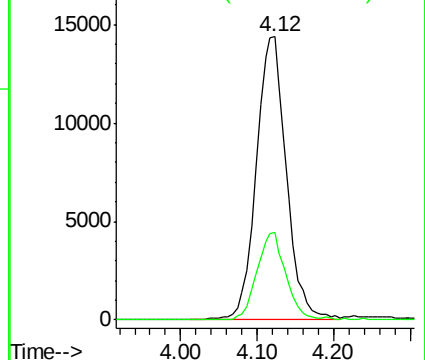
43 100

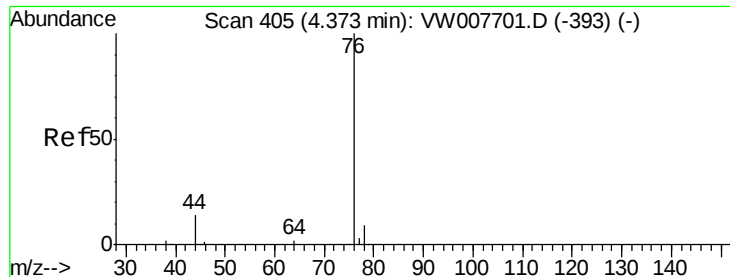
58 30.8 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

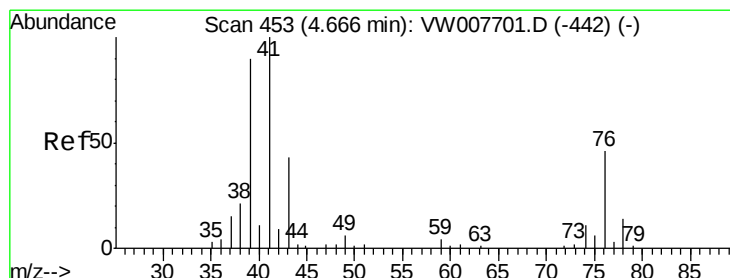
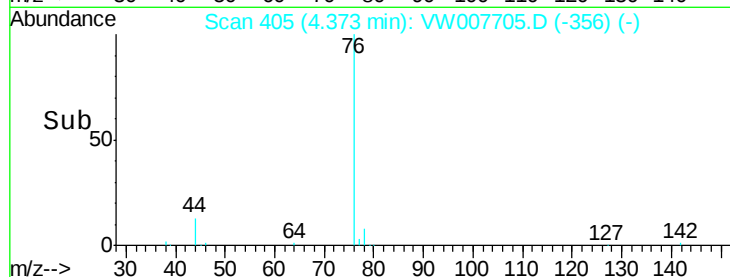
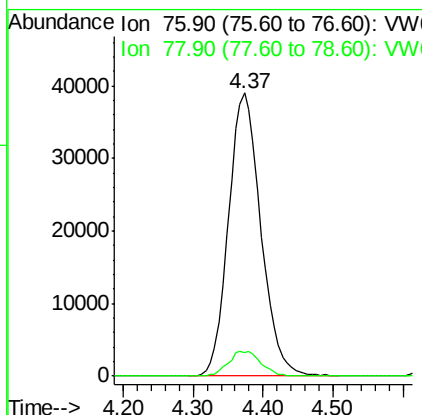
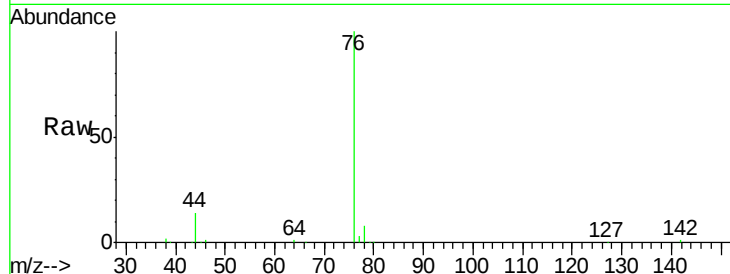




#17
Carbon Disulfide
Concen: 52.682 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.00 min
Lab File: VW007705.D
Acq: 19 Dec 2018 17:26

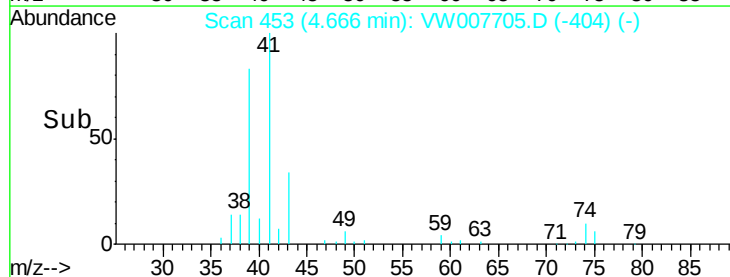
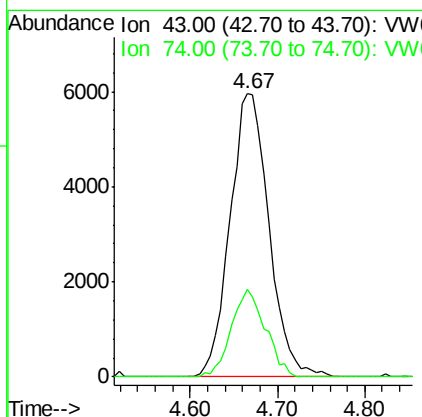
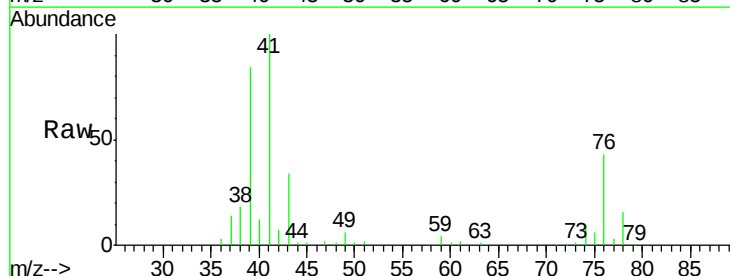
Instrument :
MSVOA_W
ClientSampleId :
ICVW122118

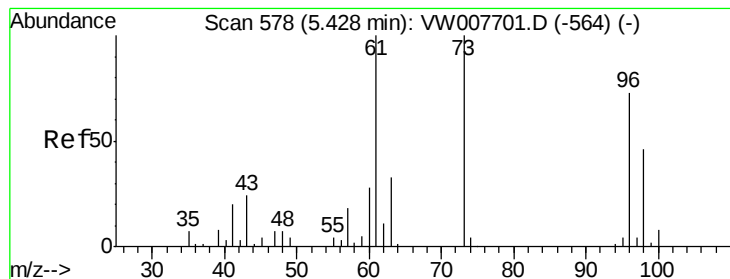
Tgt Ion: 76 Resp: 125137
Ion Ratio Lower Upper
76 100
78 8.3 7.3 10.9



#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





#19

Methyl tert-butyl 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 :

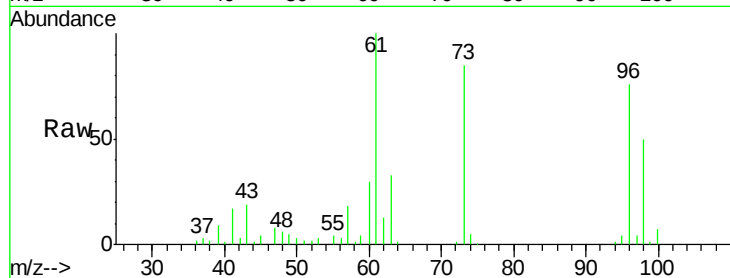
ICVW122118

Tgt Ion: 73 Resp: 54032

Ion Ratio Lower Upper

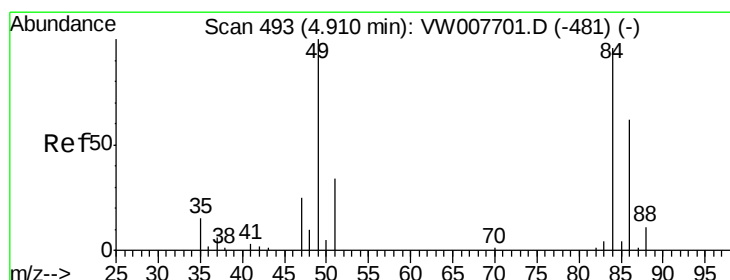
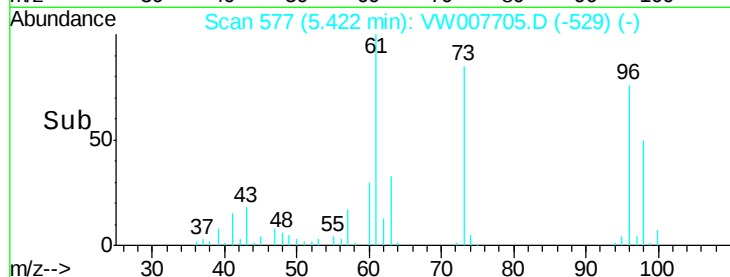
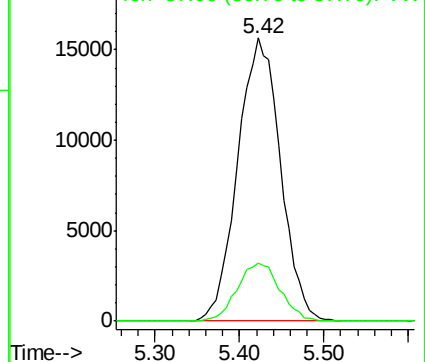
73 100

57 20.7 14.7 22.1



Abundance Ion 73.00 (72.70 to 73.70): VW

Ion 57.00 (56.70 to 57.70): VW



#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

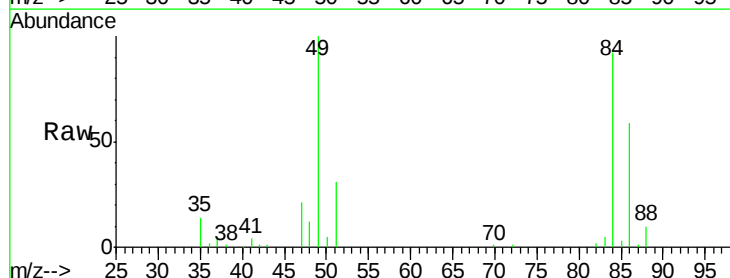
Ion Ratio Lower Upper

84 100

49 109.0 83.7 125.5

51 34.3 28.2 42.2

86 64.1 52.2 78.2

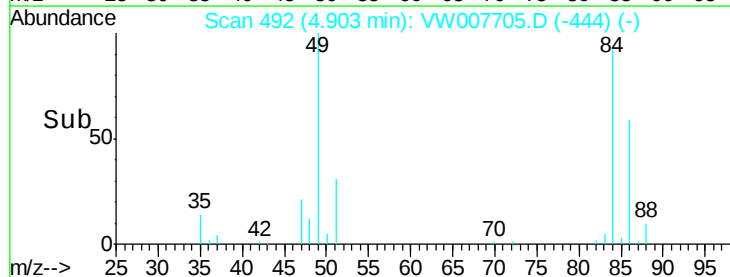
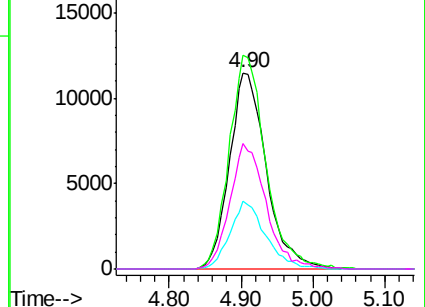


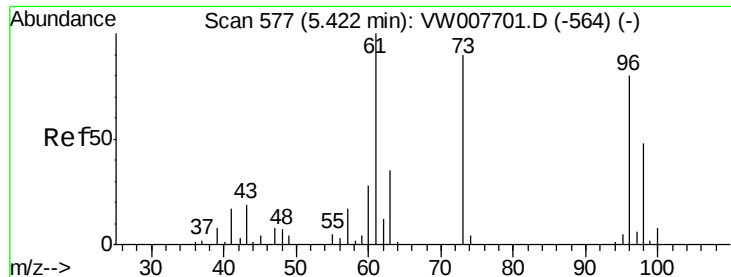
Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW





#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

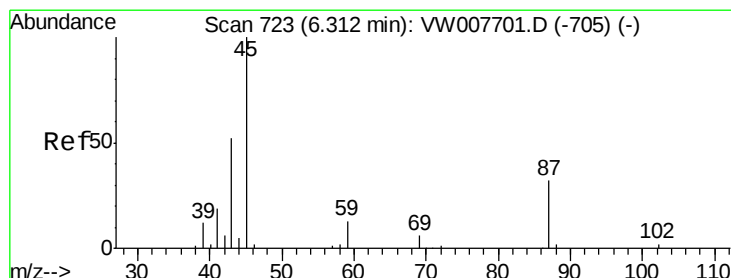
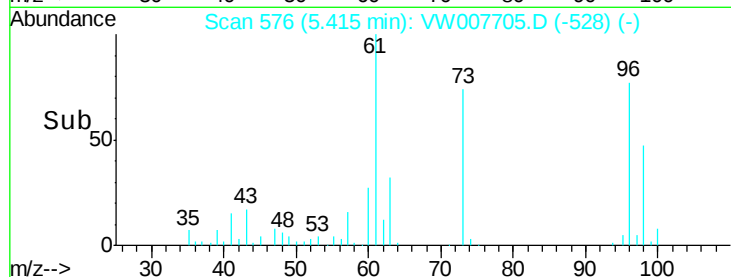
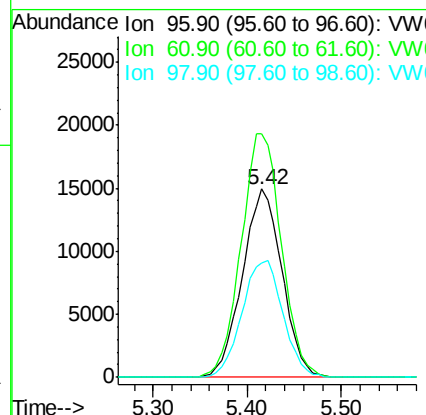
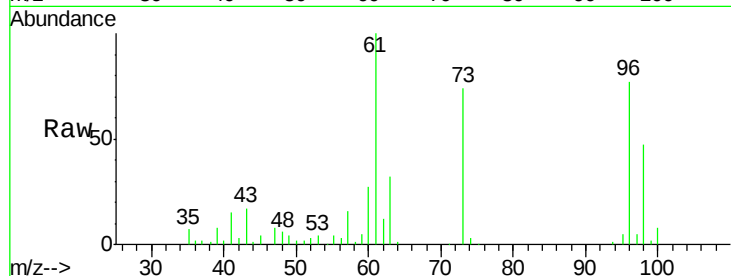
Tgt Ion: 96 Resp: 44113

Ion Ratio Lower Upper

96 100

61 129.2 100.1 150.1

98 61.1 48.5 72.7



#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

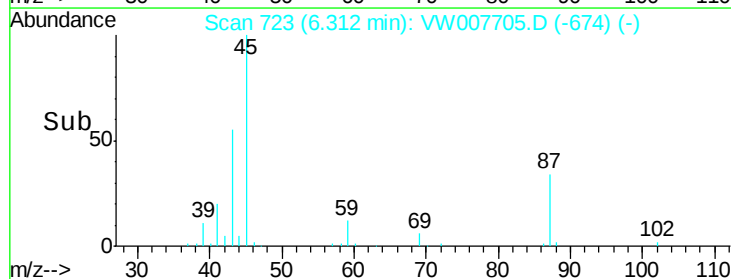
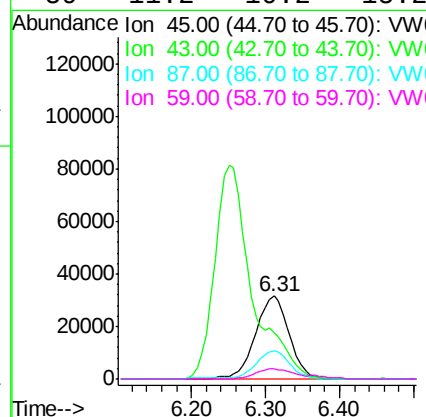
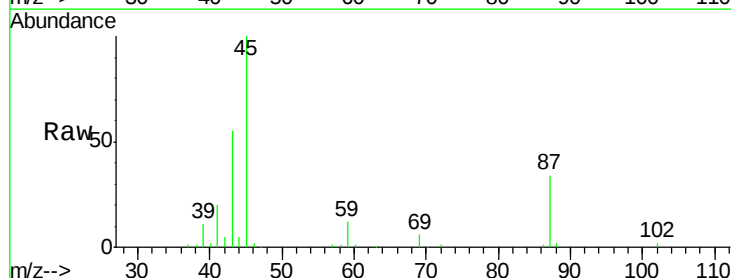
Ion Ratio Lower Upper

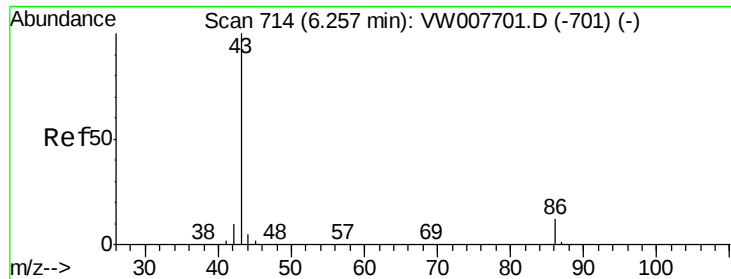
45 100

43 54.8 43.7 65.5

87 34.0 26.6 40.0

59 11.2 10.2 15.2

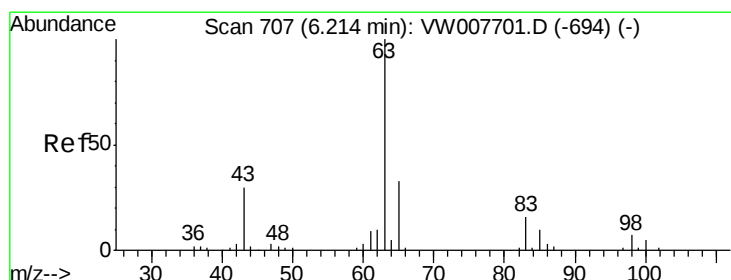
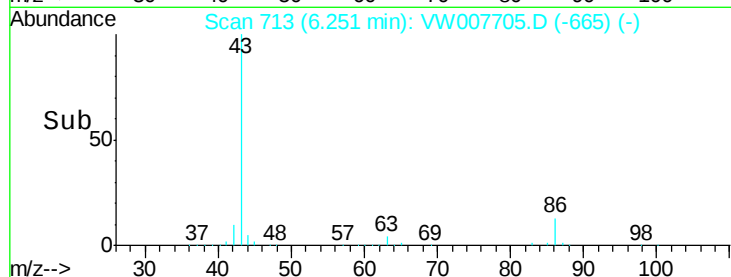
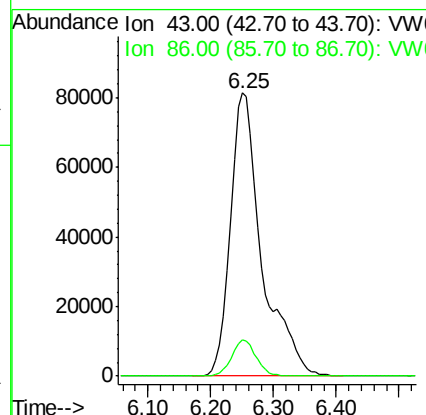
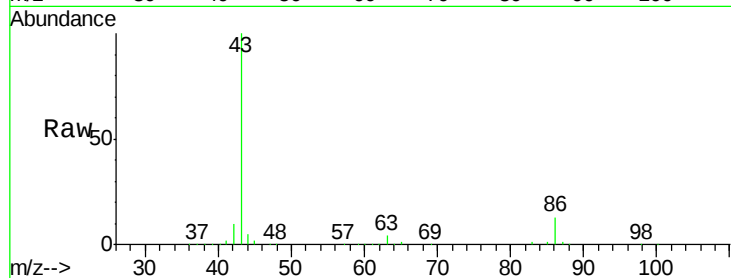




#23
 Vinyl Acetate
 Concen: 251.919 ug/l
 RT: 6.25 min Scan# 713
 Delta R.T. -0.01 min
 Lab File: VW007705.D
 Acq: 19 Dec 2018 17:26

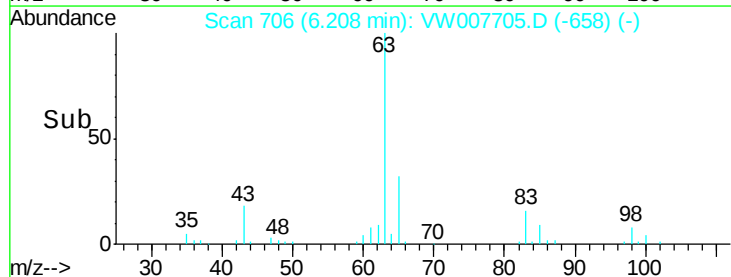
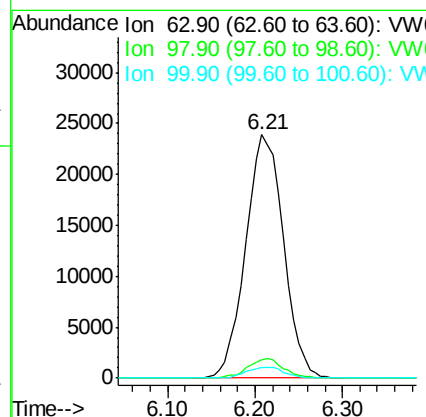
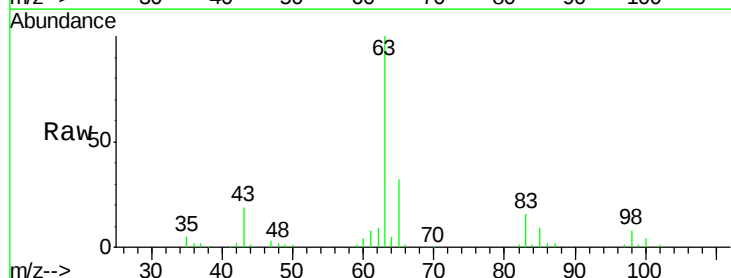
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW122118

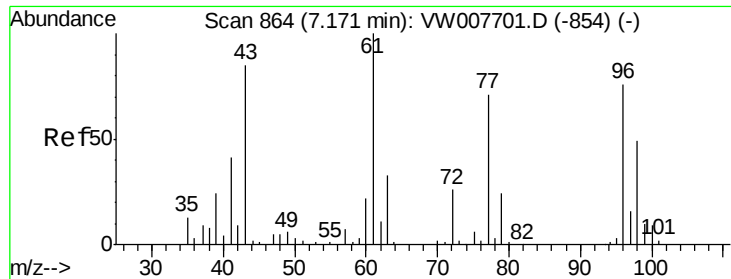
Tgt Ion: 43 Resp: 282100
 Ion Ratio Lower Upper
 43 100
 86 12.7 9.6 14.4



#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: 63 Resp: 72087
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.6 10.9
 100 4.4 2.5 7.5

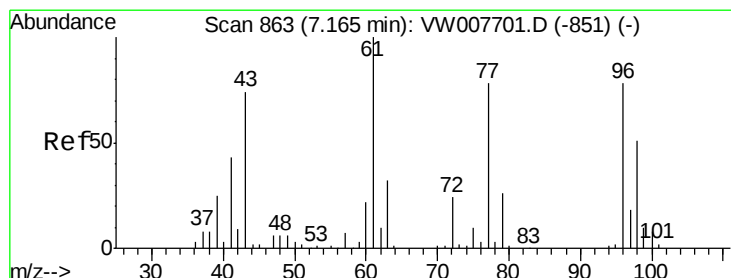
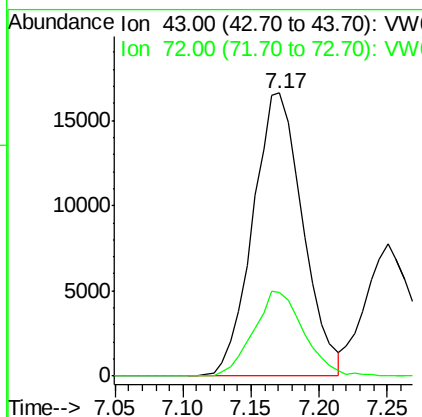
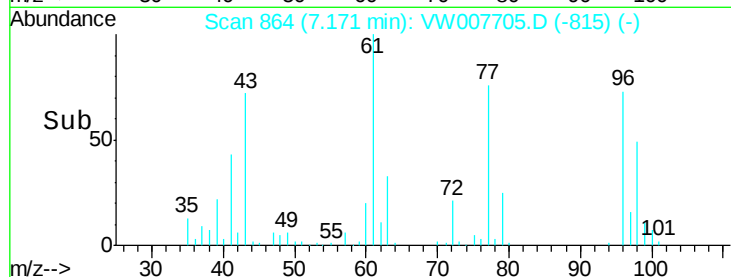
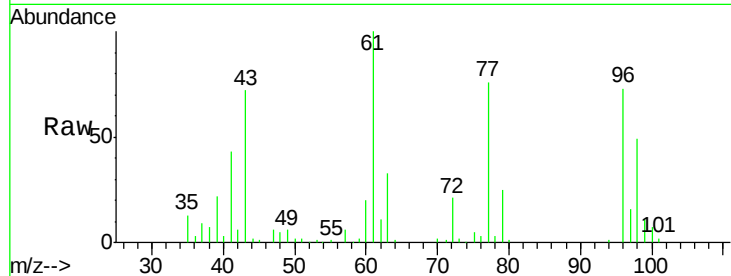




#25
 2-Butanone
 Concen: 228.883 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: VW007705.D
 Acq: 19 Dec 2018 17:26

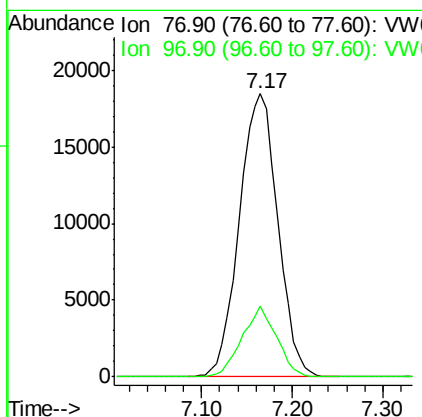
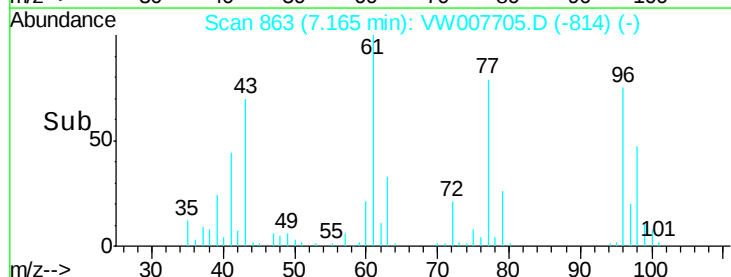
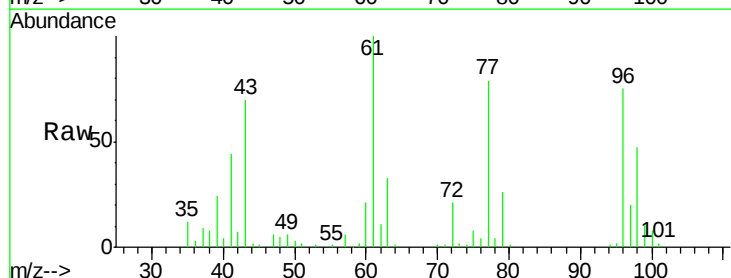
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVW122118

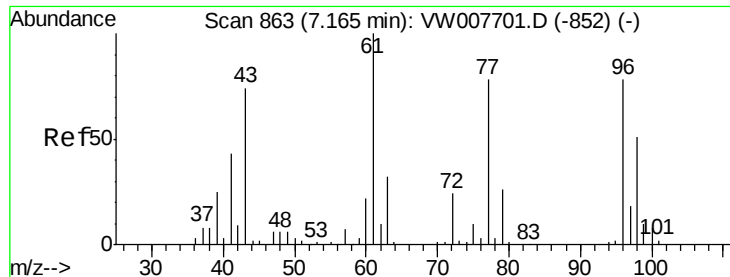
Tgt Ion: 43 Resp: 42808
 Ion Ratio Lower Upper
 43 100
 72 29.6 24.5 36.7



#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



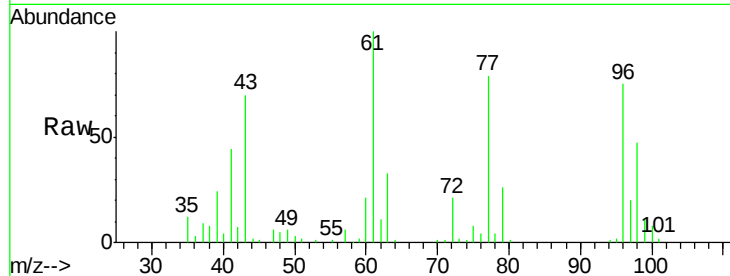


#27

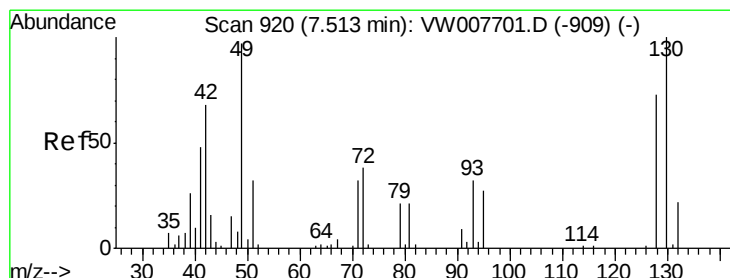
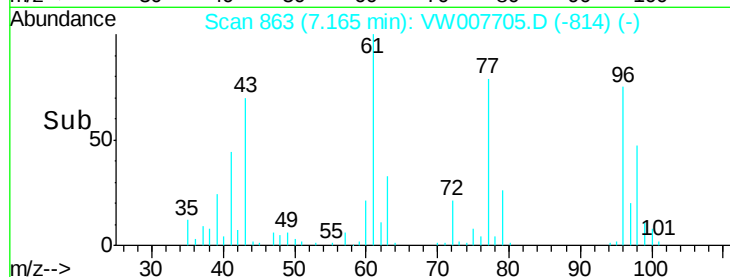
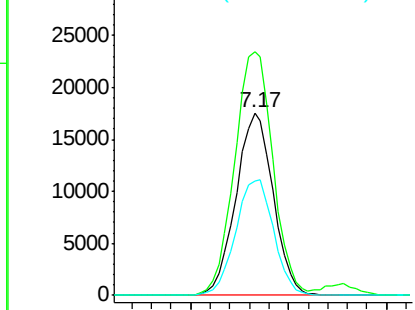
cis-1,2-Dichloroethene
Concen: 51.453 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW007705.D
Acq: 19 Dec 2018 17:26

Instrument :
MSVOA_W
ClientSampleId :
ICVW122118

Tgt Ion: 96 Resp: 46277
Ion Ratio Lower Upper
96 100
61 137.4 0.0 271.6
98 64.7 0.0 131.2



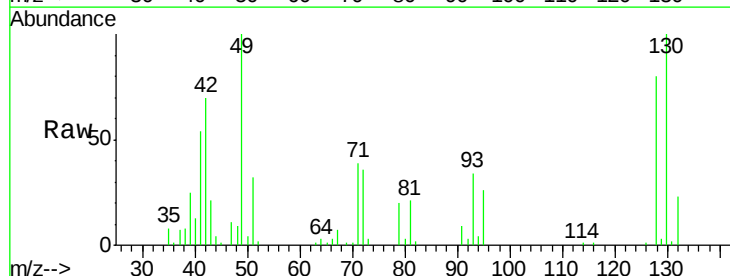
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



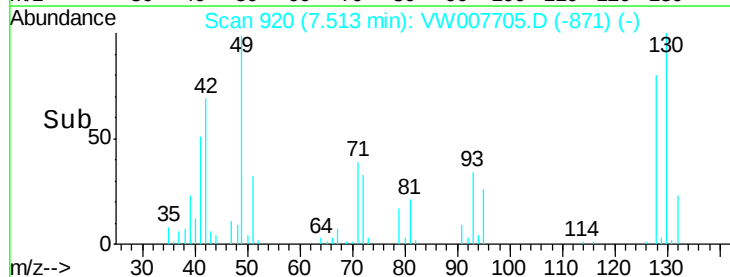
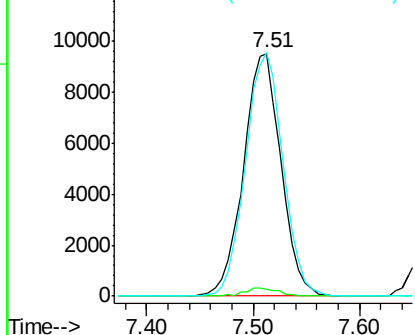
#28

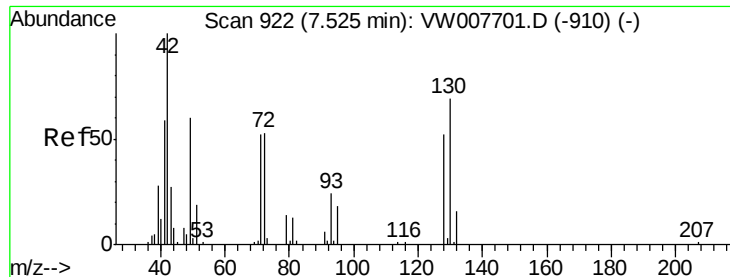
Bromochloromethane
Concen: 49.751 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW007705.D
Acq: 19 Dec 2018 17:26

Tgt Ion: 49 Resp: 23520
Ion Ratio Lower Upper
49 100
129 2.8 0.0 2.2#
130 100.4 81.5 122.3



Abundance Ion 48.90 (48.60 to 49.60): VW
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

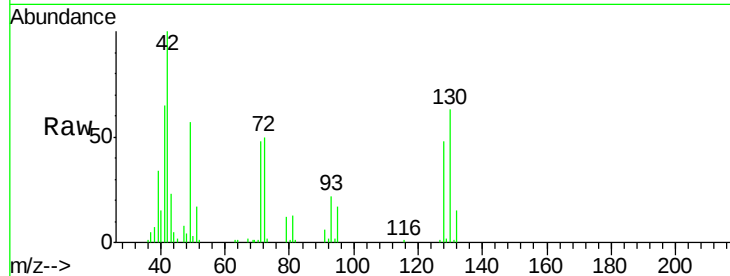




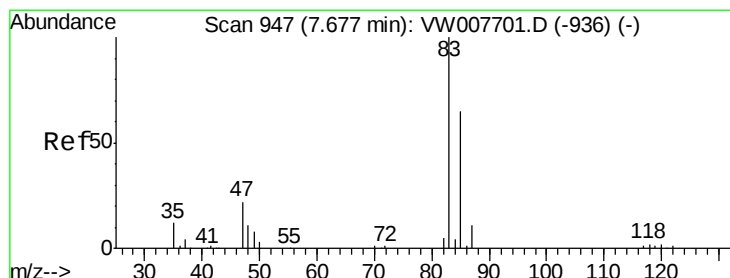
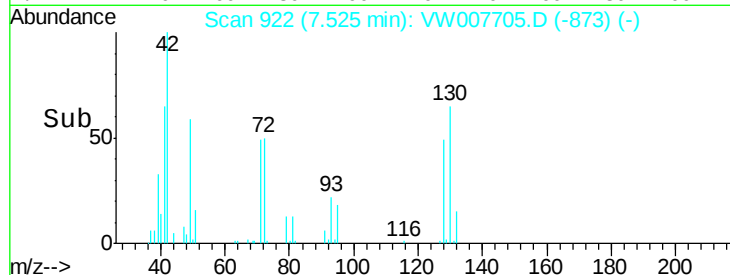
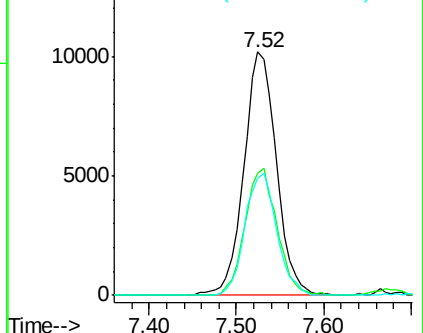
#29
Tetrahydrofuran
Concen: 235.433 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.00 min
Lab File: VW007705.D
Acq: 19 Dec 2018 17:26

Instrument :
MSVOA_W
ClientSampleId :
ICVWV122118

Tgt Ion: 42 Resp: 26265
Ion Ratio Lower Upper
42 100
72 51.6 41.7 62.5
71 49.0 39.0 58.6

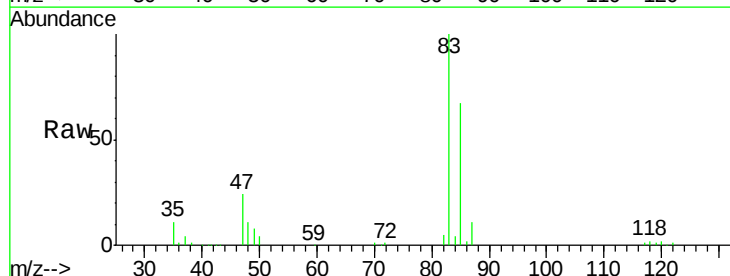


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

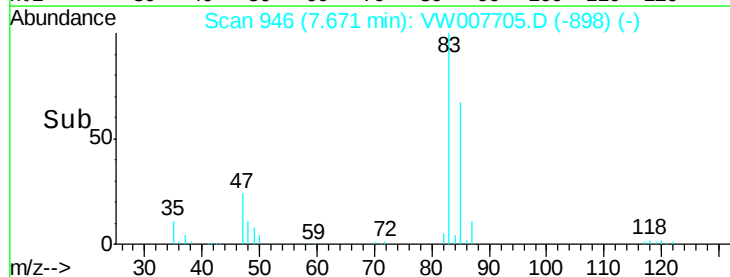
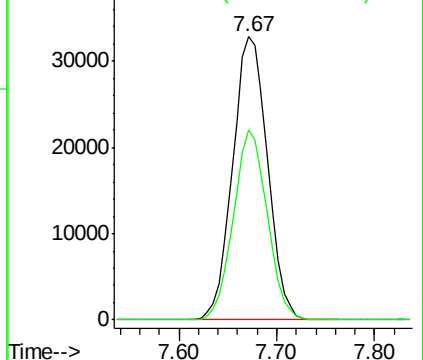


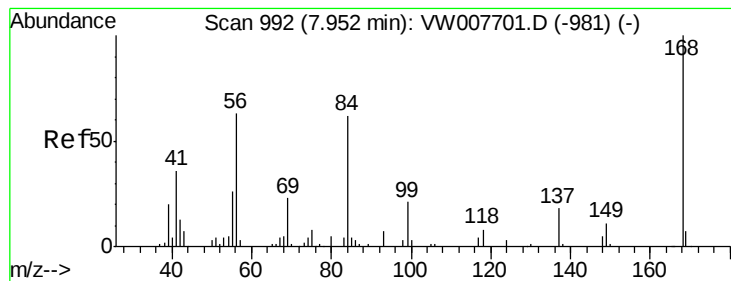
#30
Chloroform
Concen: 51.634 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW007705.D
Acq: 19 Dec 2018 17:26

Tgt Ion: 83 Resp: 81022
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

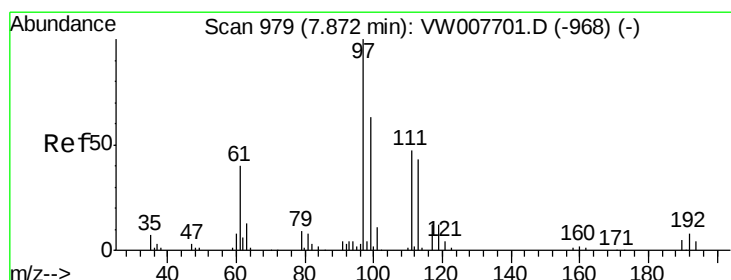
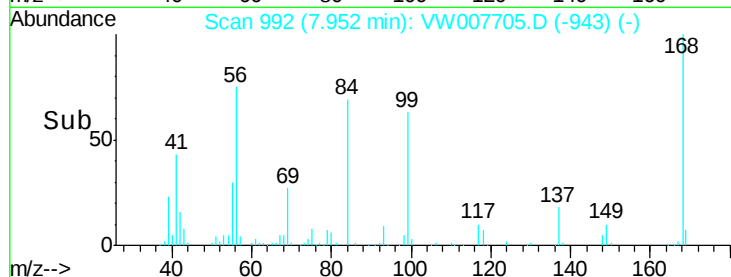
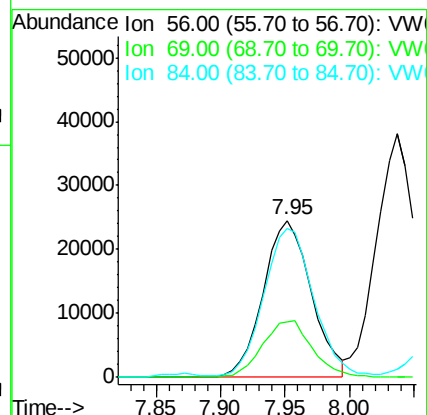
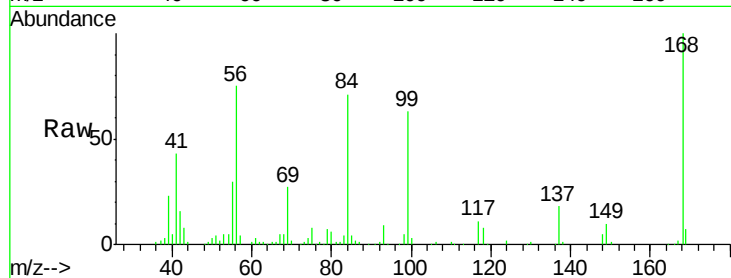
Tgt Ion: 56 Resp: 63614

Ion Ratio Lower Upper

56 100

69 35.5 29.7 44.5

84 93.1 78.9 118.3



#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

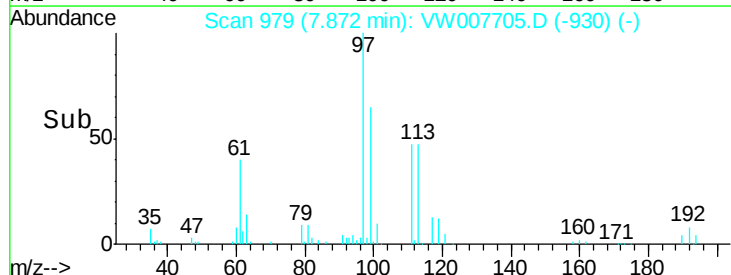
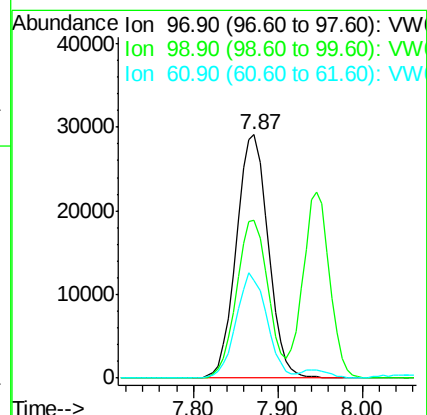
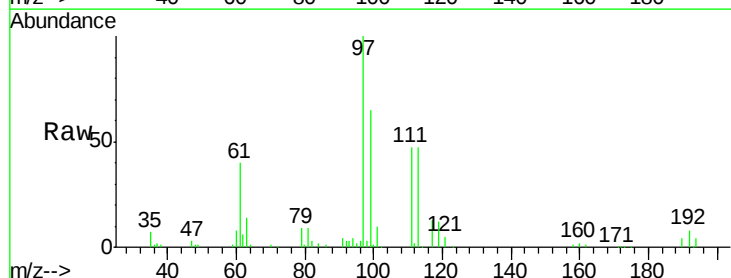
Tgt Ion: 97 Resp: 74540

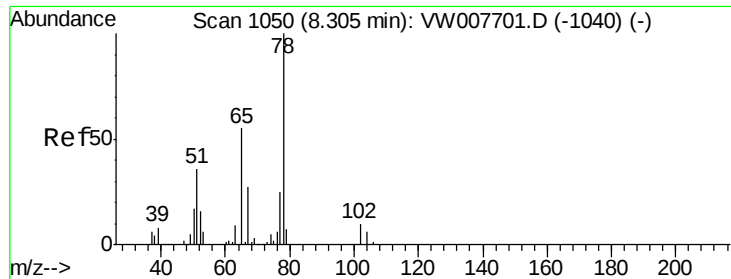
Ion Ratio Lower Upper

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 :

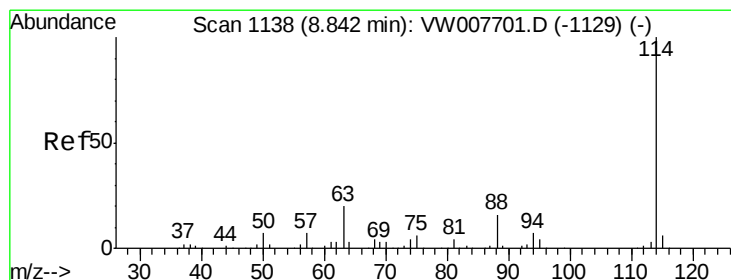
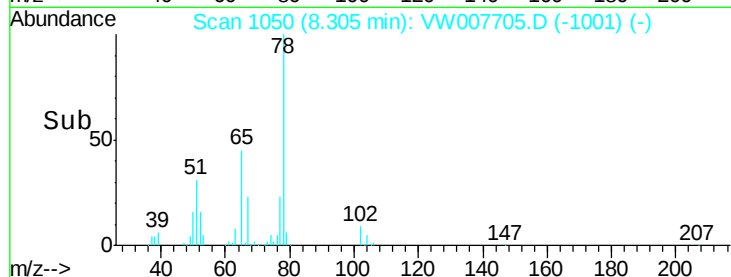
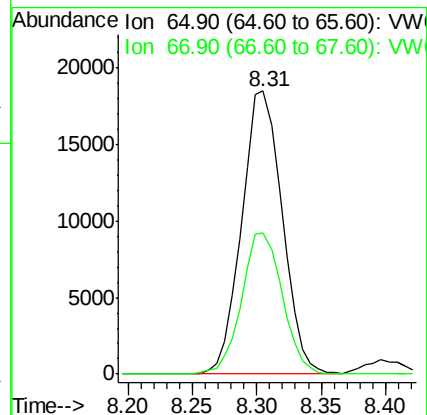
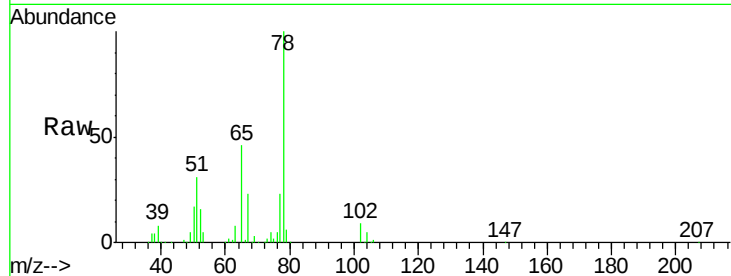
ICVW122118

Tgt Ion: 65 Resp: 40382

Ion Ratio Lower Upper

65 100

67 50.1 0.0 100.6



#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

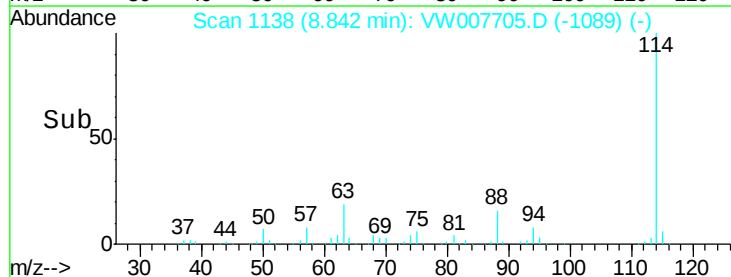
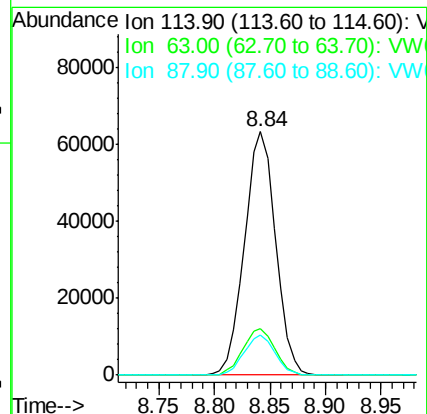
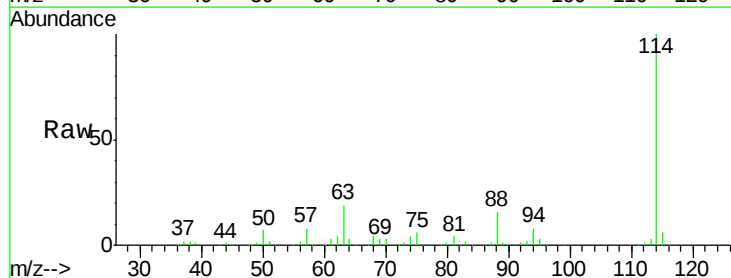
Tgt Ion: 114 Resp: 123096

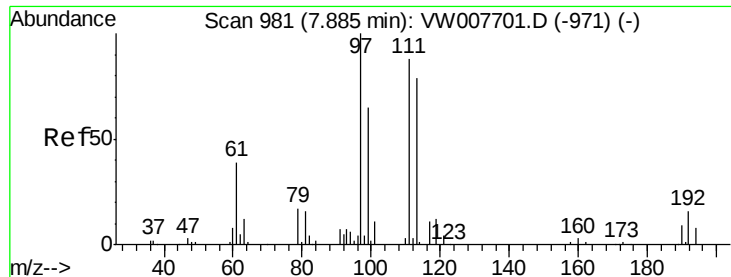
Ion Ratio Lower Upper

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

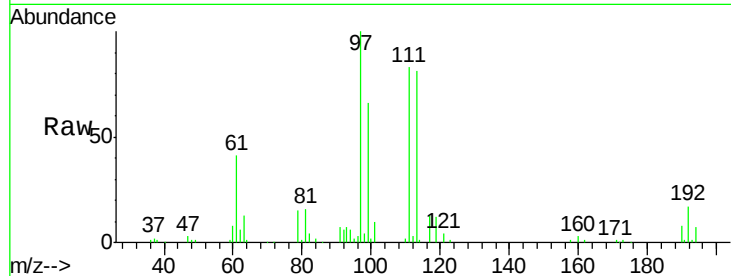
Tgt Ion:113 Resp: 38258

Ion Ratio Lower Upper

113 100

111 102.7 82.6 124.0

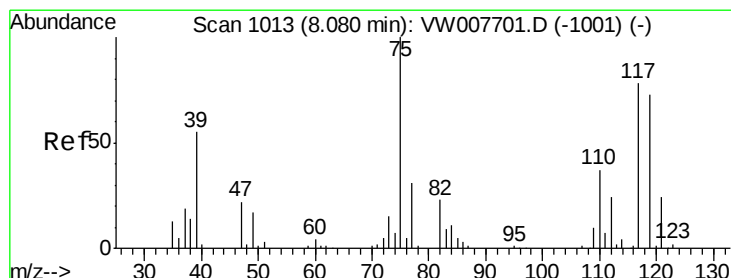
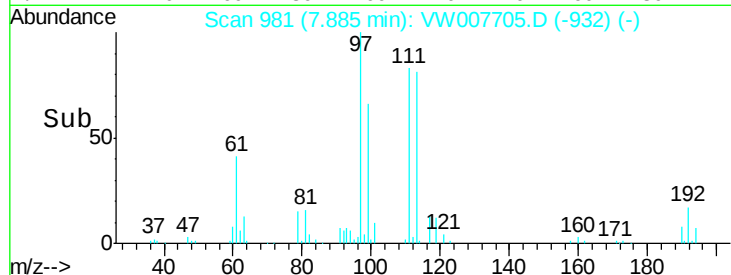
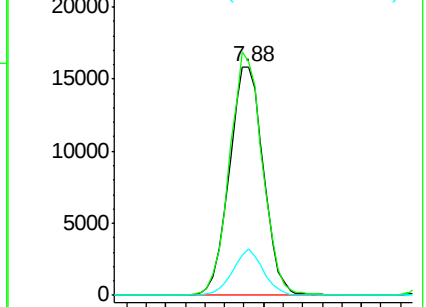
192 18.2 15.5 23.3



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

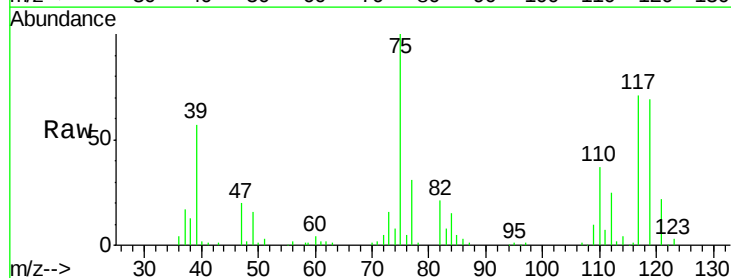
Tgt Ion: 75 Resp: 63708

Ion Ratio Lower Upper

75 100

110 37.2 18.6 55.8

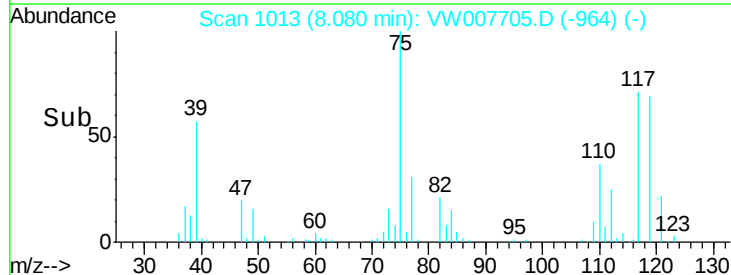
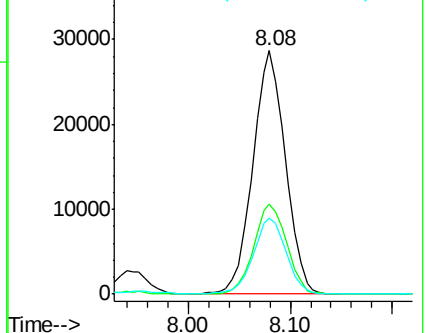
77 31.3 25.0 37.4

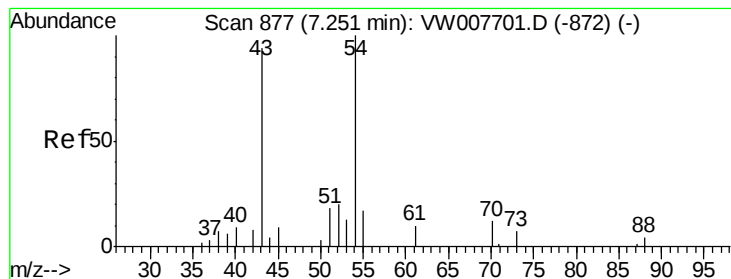


Abundance Ion 74.90 (74.60 to 75.60): VW

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

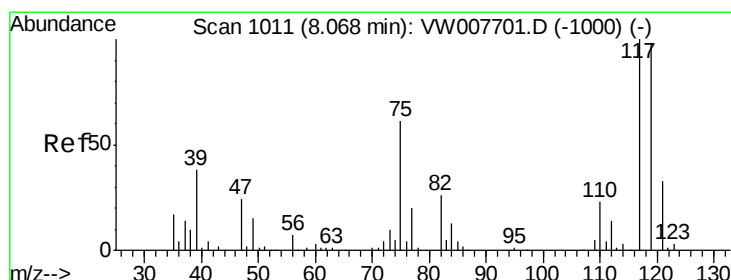
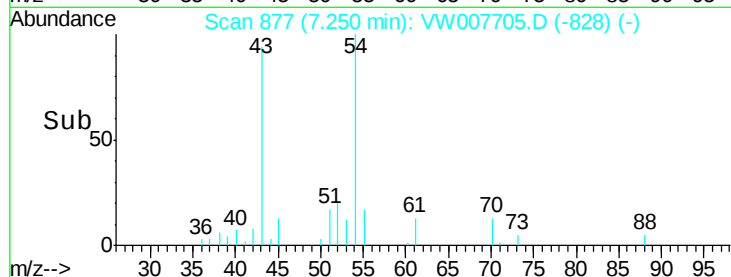
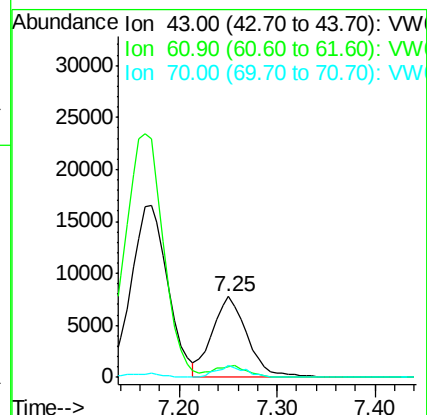
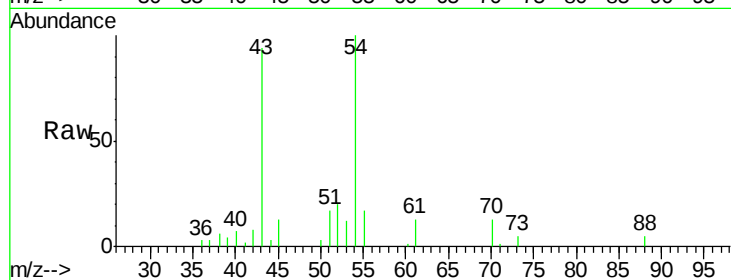
Tgt Ion: 43 Resp: 19432

Ion Ratio Lower Upper

43 100

61 14.2 11.2 16.8

70 12.0 9.3 13.9



#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

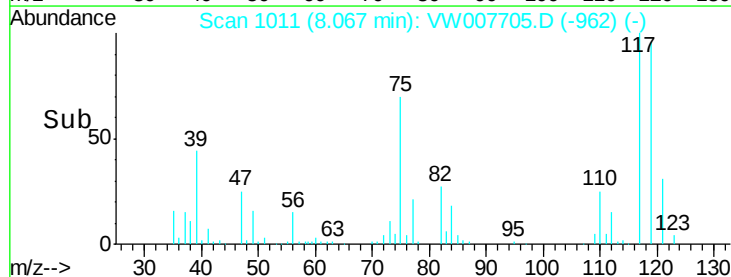
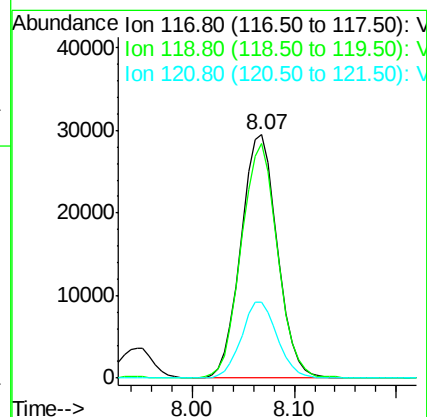
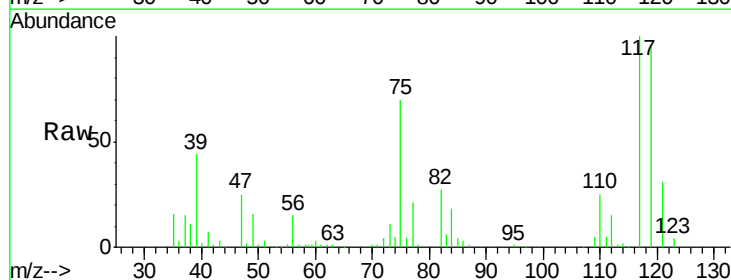
Tgt Ion: 117 Resp: 73179

Ion Ratio Lower Upper

117 100

119 96.3 78.2 117.2

121 31.2 26.1 39.1

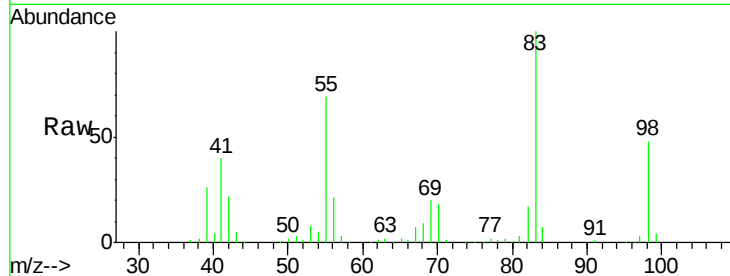




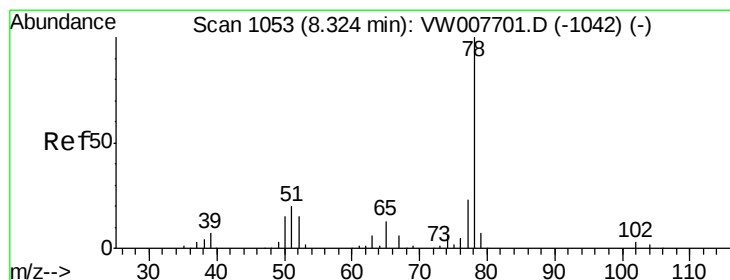
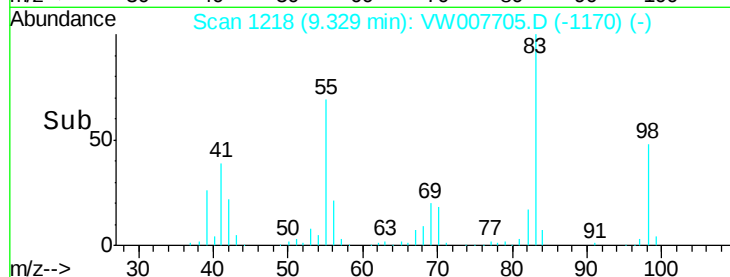
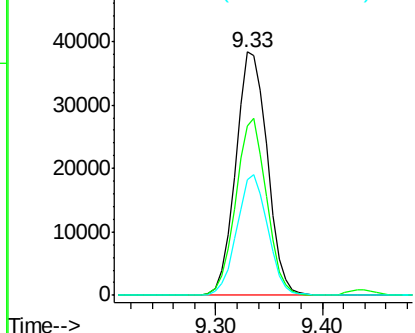
#39
Methylcyclohexane
Concen: 54.231 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW007705.D
Acq: 19 Dec 2018 17:26

Instrument :
MSVOA_W
ClientSampleId :
ICVW122118

Tgt Ion: 83 Resp: 80063
Ion Ratio Lower Upper
83 100
55 69.4 57.2 85.8
98 47.7 38.6 58.0

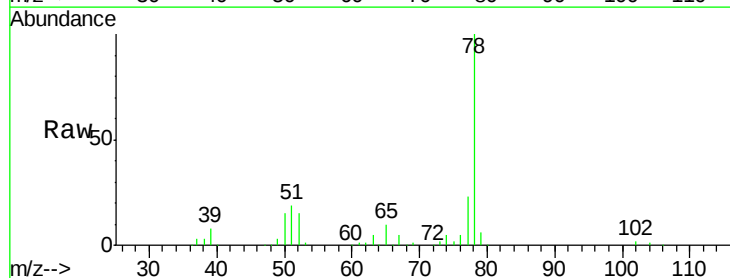


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

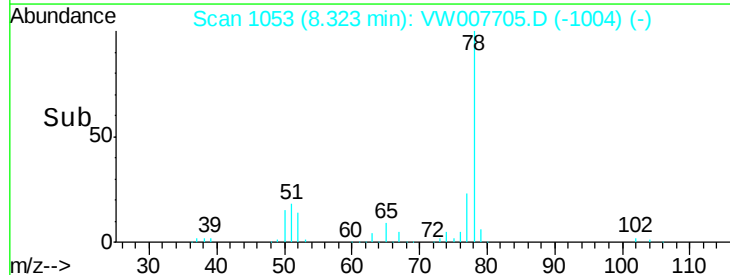
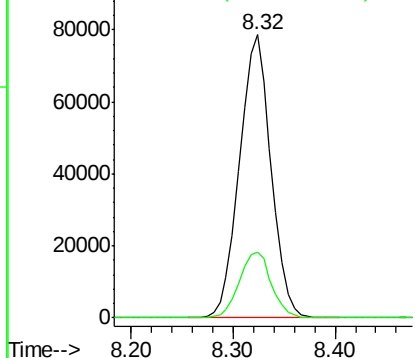


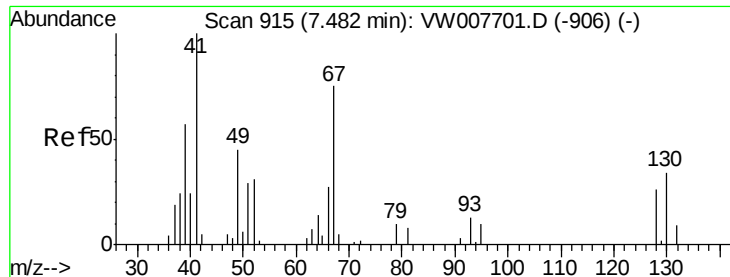
#40
Benzene
Concen: 52.982 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW007705.D
Acq: 19 Dec 2018 17:26

Tgt Ion: 78 Resp: 167974
Ion Ratio Lower Upper
78 100
77 23.0 18.7 28.1



Abundance Ion 78.00 (77.70 to 78.70): VW
Ion 77.00 (76.70 to 77.70): VW

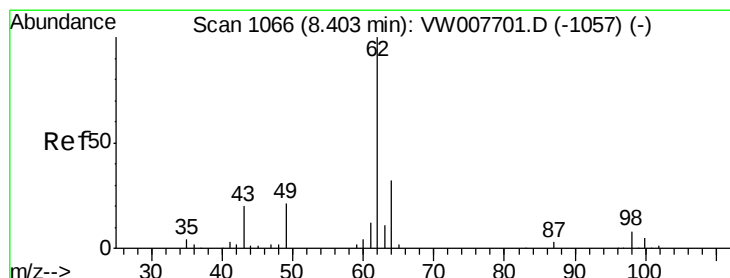
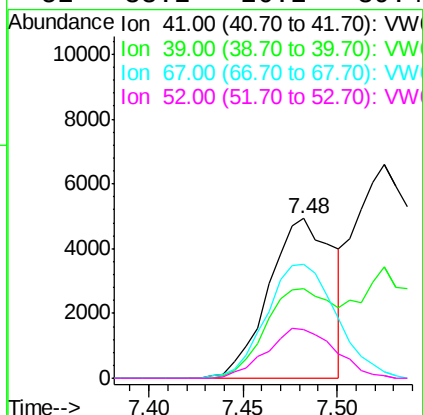
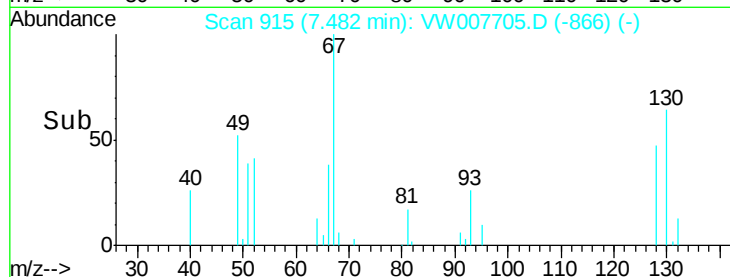
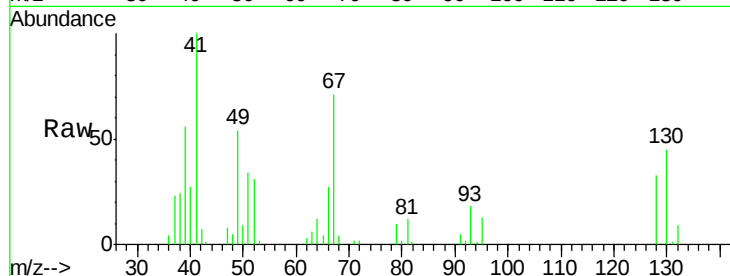




#41
Methacrylonitrile
Concen: 50.422 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW007705.D
Acq: 19 Dec 2018 17:26

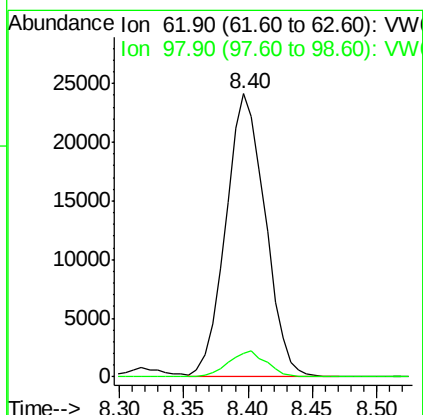
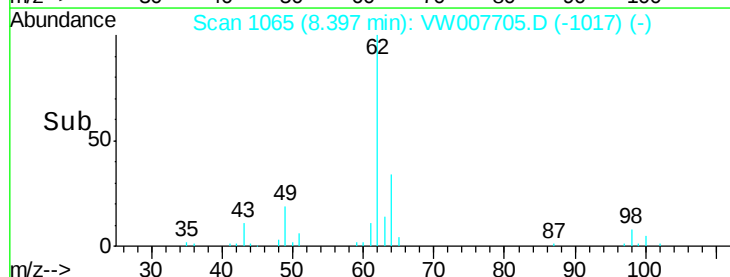
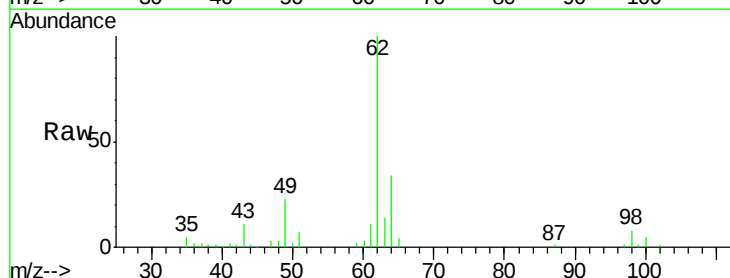
Instrument :
MSVOA_W
ClientSampleId :
ICVW122118

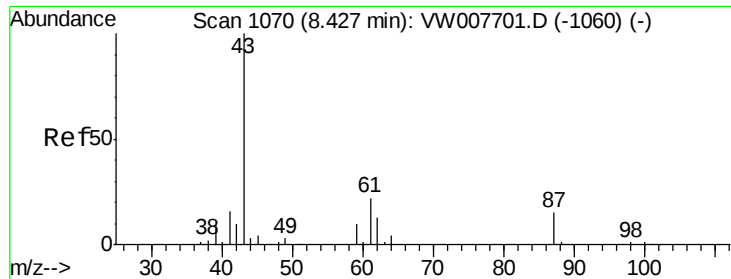
Tgt Ion:	41	Resp:	11738
Ion	Ratio	Lower	Upper
41	100		
39	58.9	54.2	81.4
67	77.3	65.7	98.5
52	33.2	26.2	39.4



#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

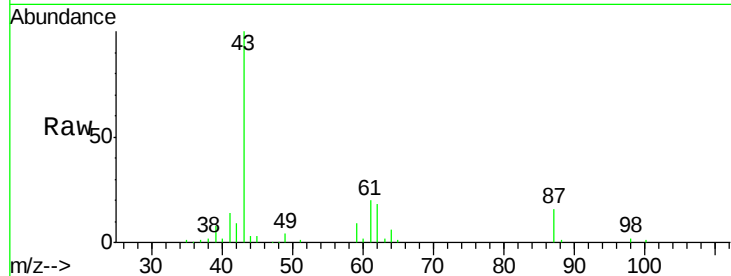
Tgt Ion: 43 Resp: 39140

Ion Ratio Lower Upper

43 100

61 32.6 26.3 39.5

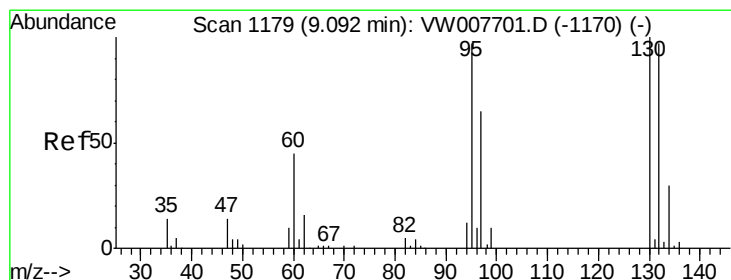
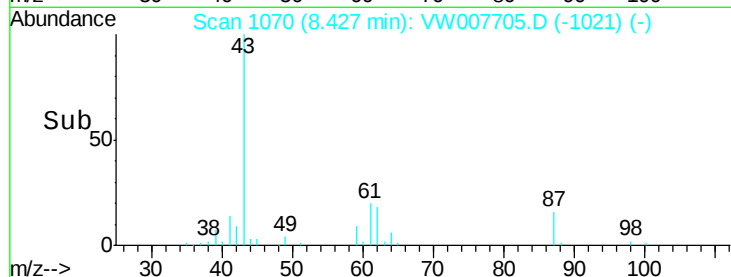
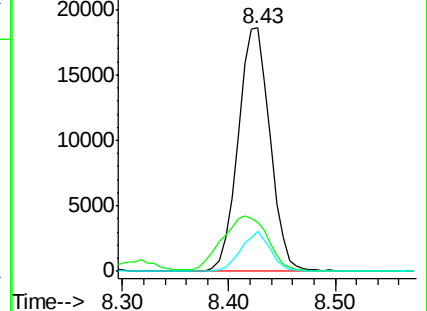
87 15.0 12.0 18.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 52.150 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW007705.D

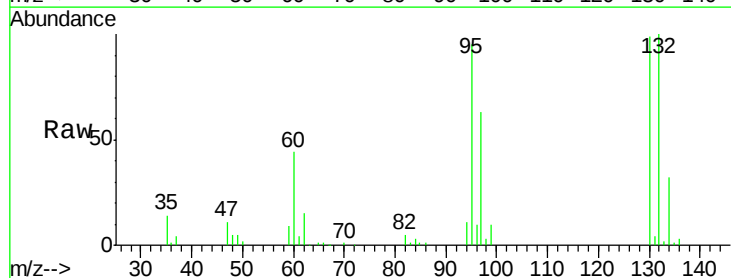
Acq: 19 Dec 2018 17:26

Tgt Ion: 130 Resp: 50000

Ion Ratio Lower Upper

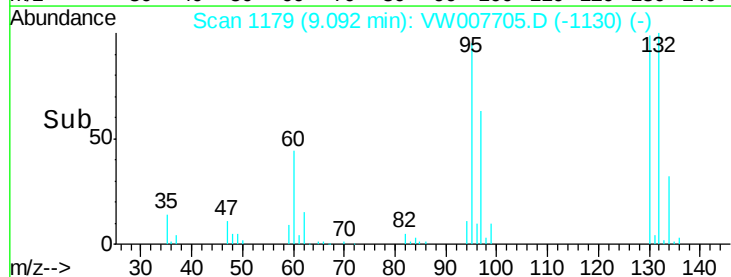
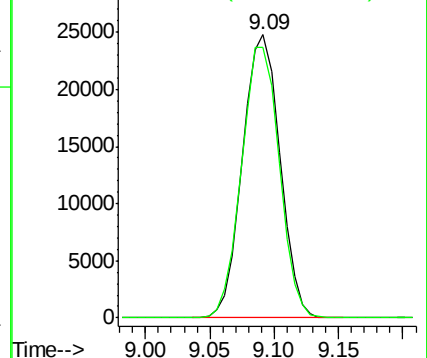
130 100

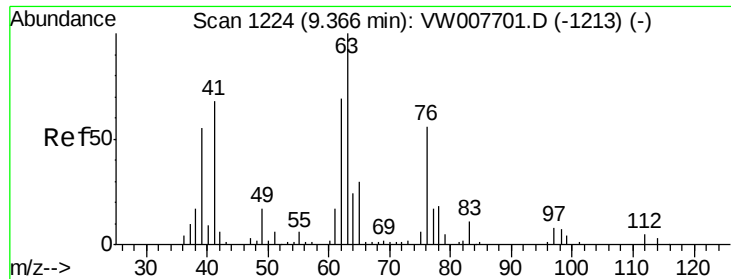
95 95.4 0.0 194.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW





#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 :

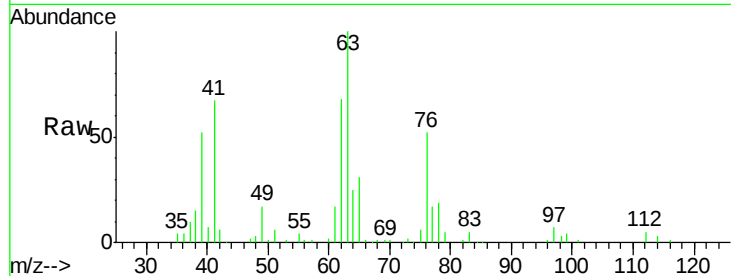
ICVW122118

Tgt Ion: 63 Resp: 37546

Ion Ratio Lower Upper

63 100

65 30.5 23.8 35.8



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW

9.37

20000

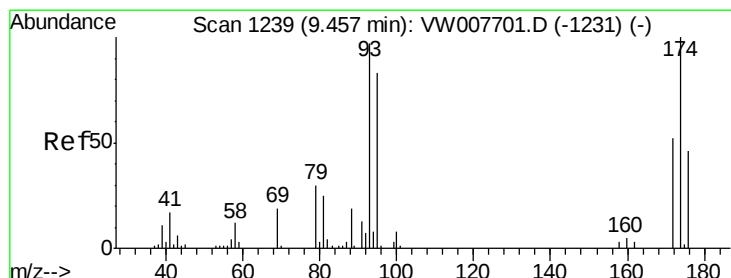
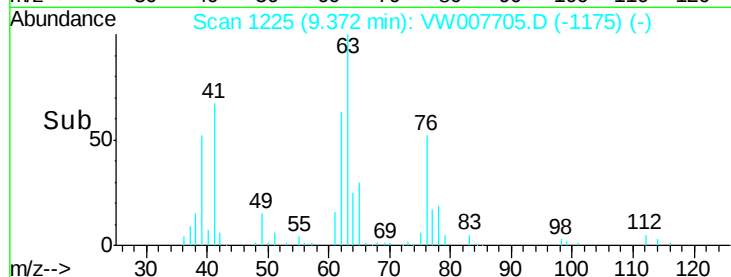
15000

10000

5000

0

Time--> 9.25 9.30 9.35 9.40 9.45



#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

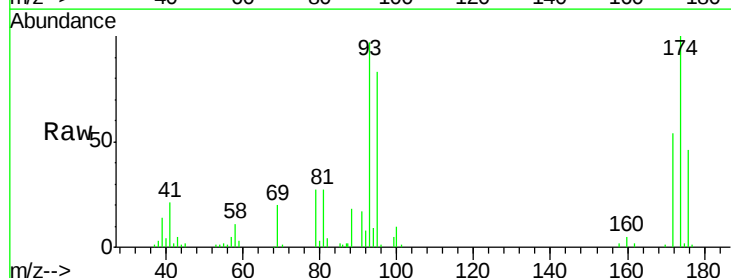
Tgt Ion: 93 Resp: 21206

Ion Ratio Lower Upper

93 100

95 84.4 67.5 101.3

174 102.5 83.9 125.9



Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V

9.46

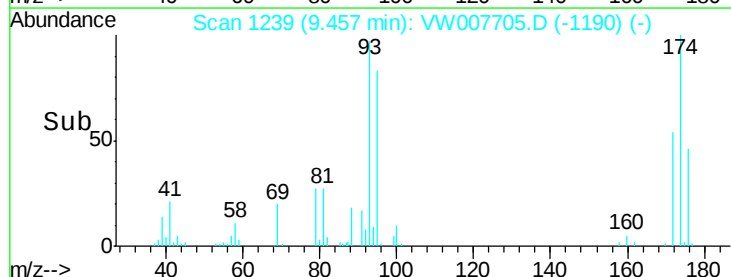
15000

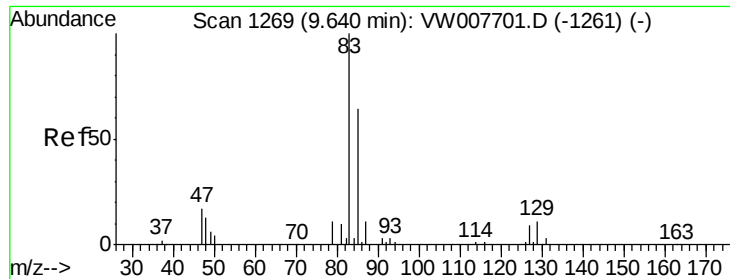
10000

5000

0

Time--> 9.35 9.40 9.45 9.50 9.55

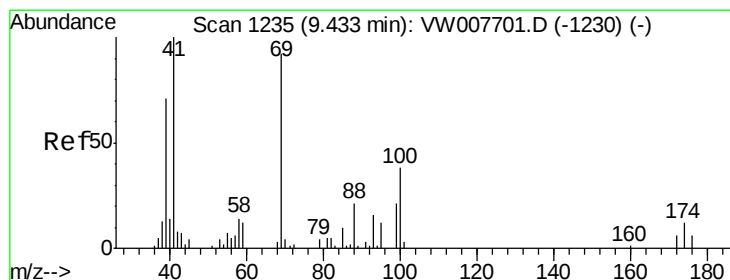
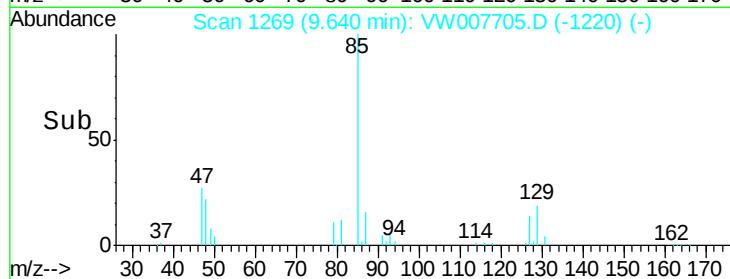
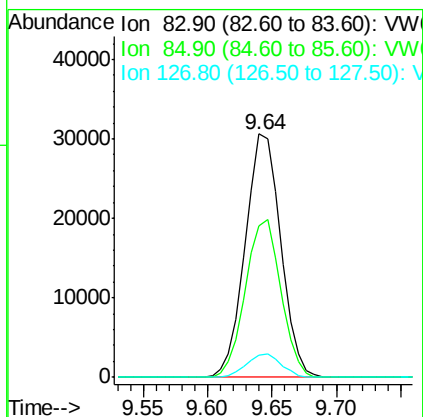
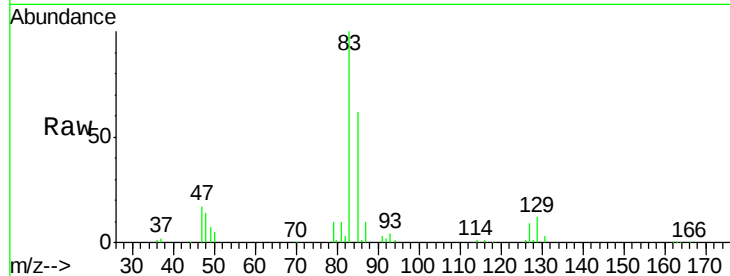




#47
Bromodichloromethane
Concen: 51.306 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VW007705.D
Acq: 19 Dec 2018 17:26

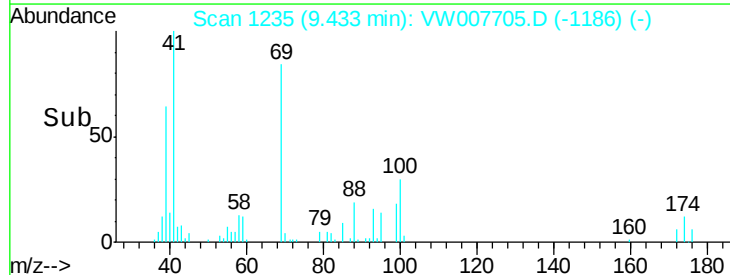
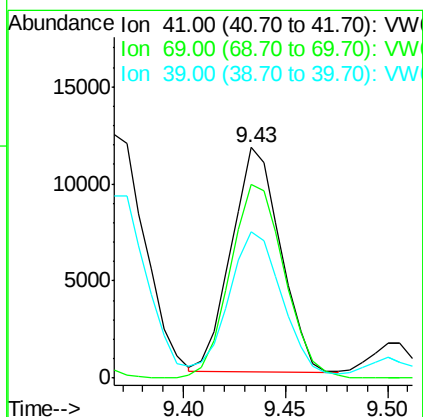
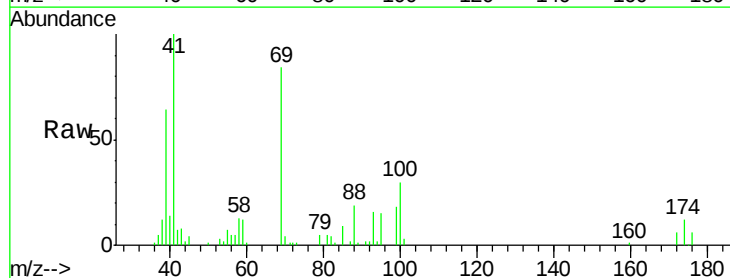
Instrument :
MSVOA_W
ClientSampleId :
ICVWV122118

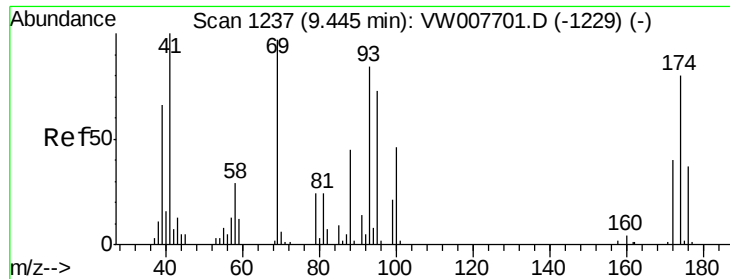
Tgt Ion: 83 Resp: 58409
Ion Ratio Lower Upper
83 100
85 62.1 51.4 77.0
127 8.9 7.5 11.3



#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: 41 Resp: 19381
Ion Ratio Lower Upper
41 100
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

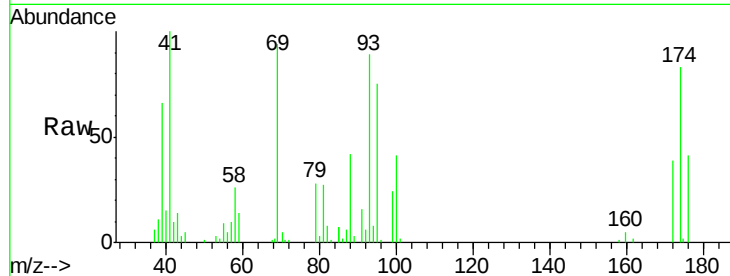
Tgt Ion: 88 Resp: 6778

Ion Ratio Lower Upper

88 100

43 34.0 25.6 38.4

58 66.3 52.3 78.5

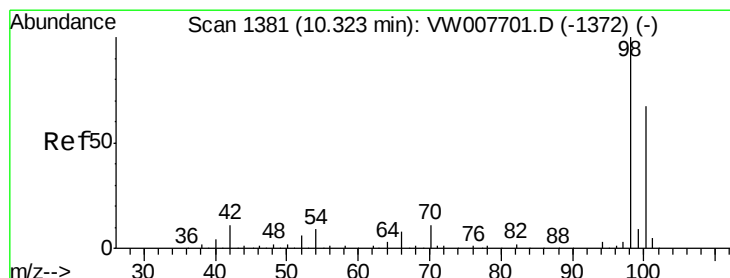
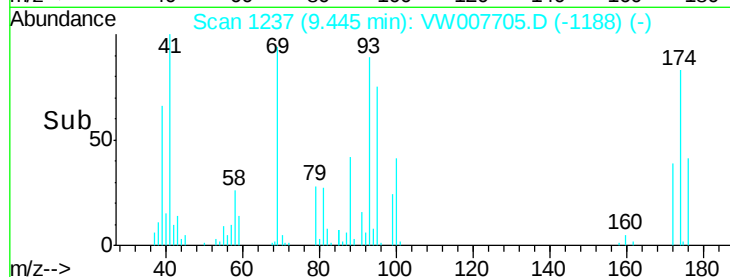
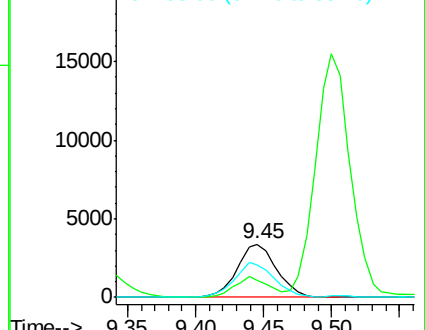


Abundance

Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 51.943 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007705.D

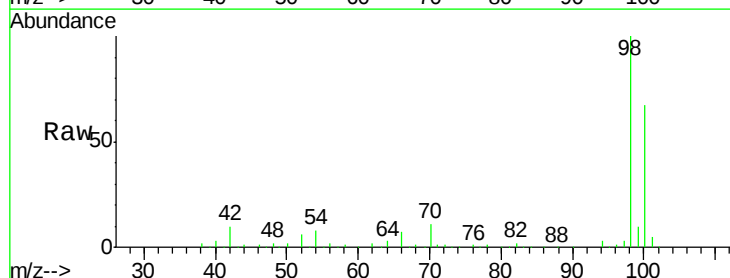
Acq: 19 Dec 2018 17:26

Tgt Ion: 98 Resp: 147048

Ion Ratio Lower Upper

98 100

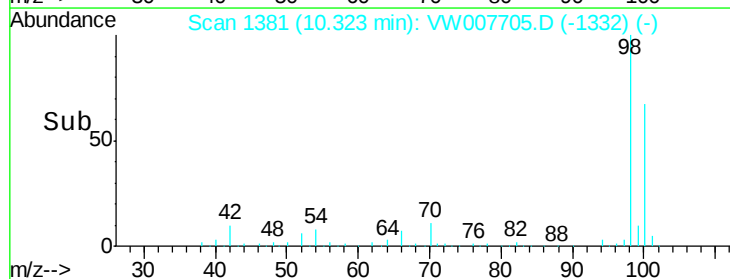
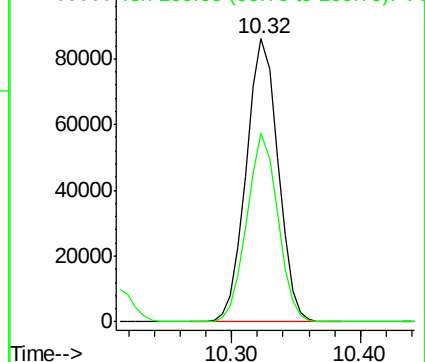
100 64.8 52.2 78.2



Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 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

ClientSampled :

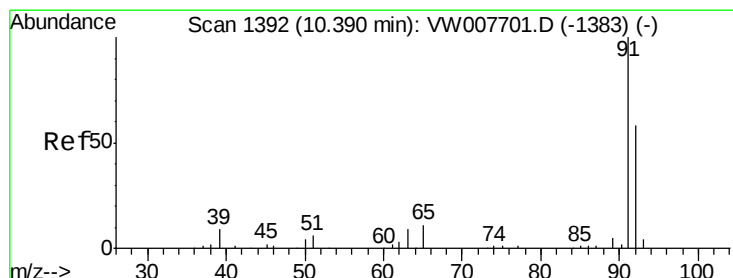
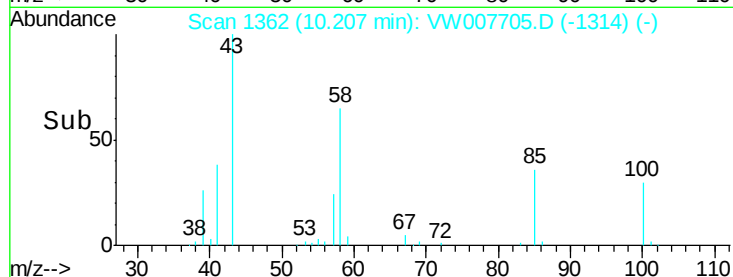
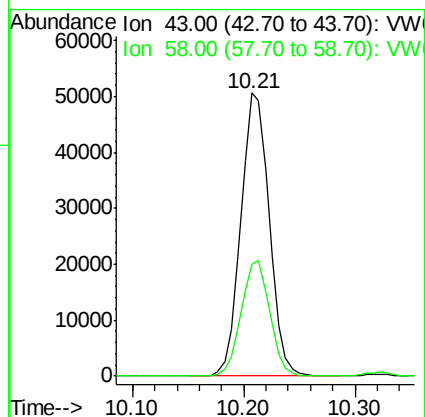
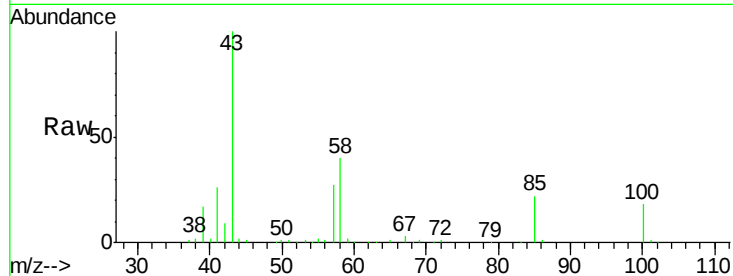
ICVW122118

Tgt Ion: 43 Resp: 89345

Ion Ratio Lower Upper

43 100

58 40.9 33.2 49.8



#52

Toluene

Concen: 52.242 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007705.D

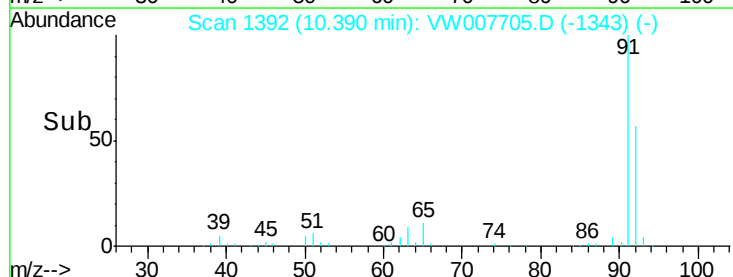
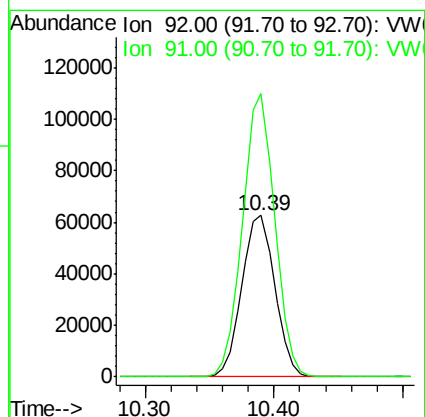
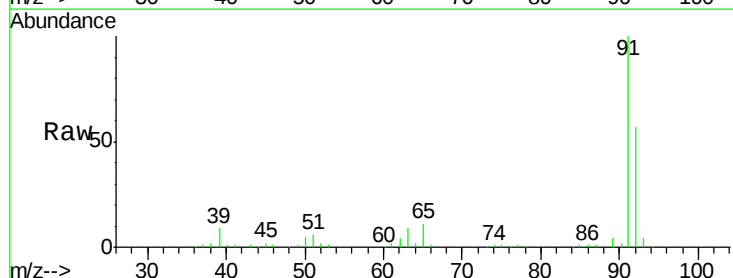
Acq: 19 Dec 2018 17:26

Tgt Ion: 92 Resp: 111126

Ion Ratio Lower Upper

92 100

91 170.7 137.0 205.4

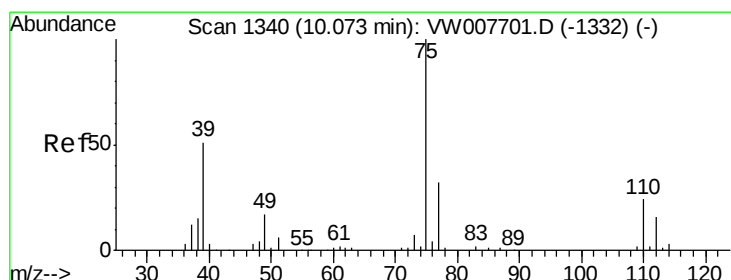
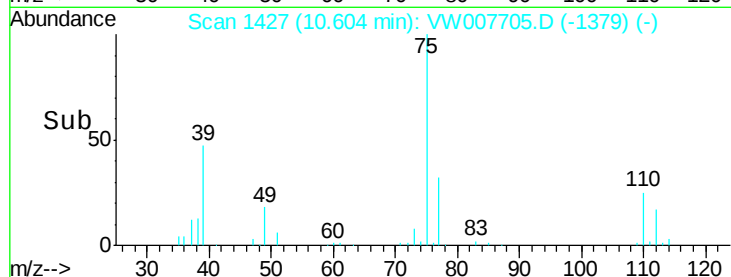
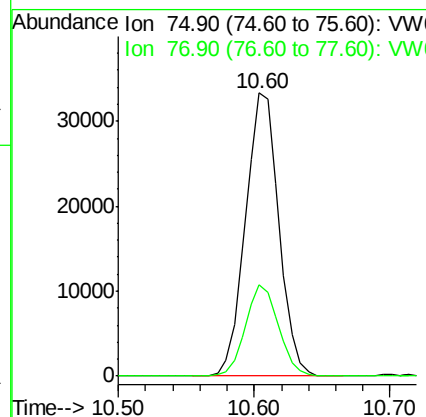
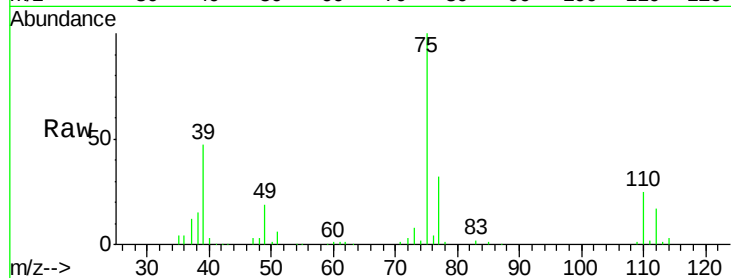




#53
 t-1,3-Dichloropropene
 Concen: 50.507 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: VW007705.D
 Acq: 19 Dec 2018 17:26

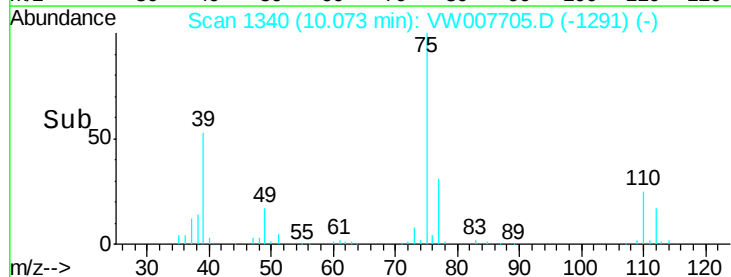
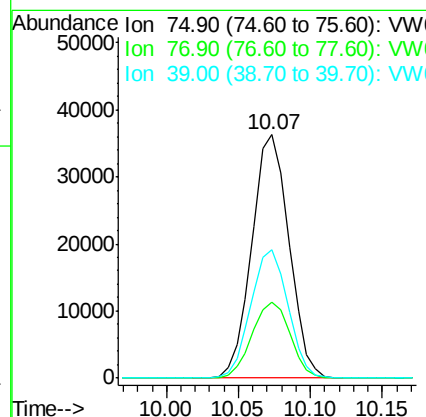
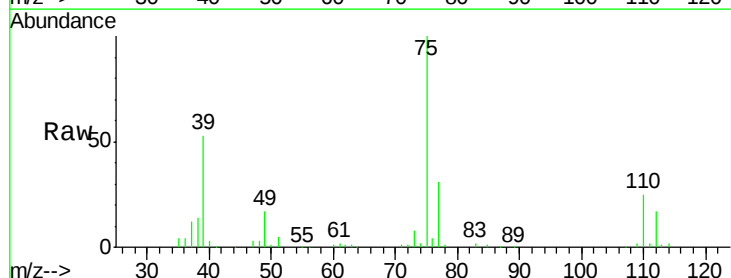
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW122118

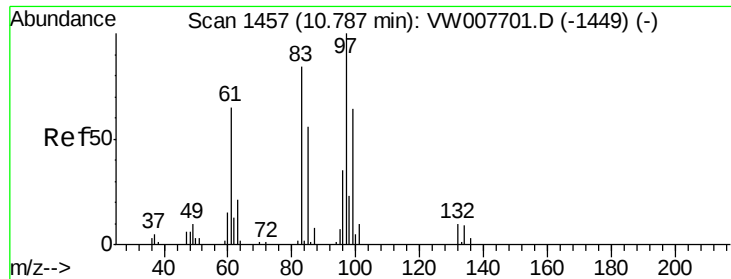
Tgt Ion: 75 Resp: 57193
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.2 37.8



#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

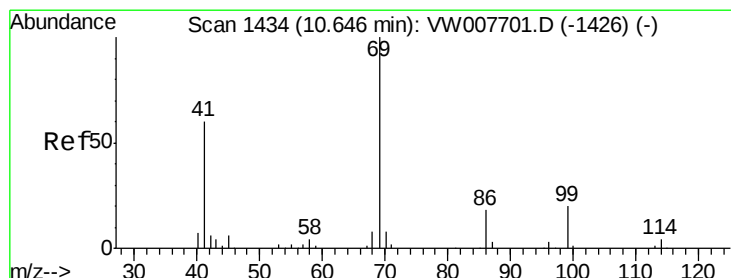
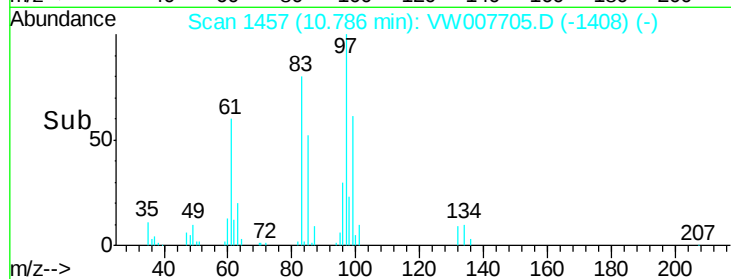
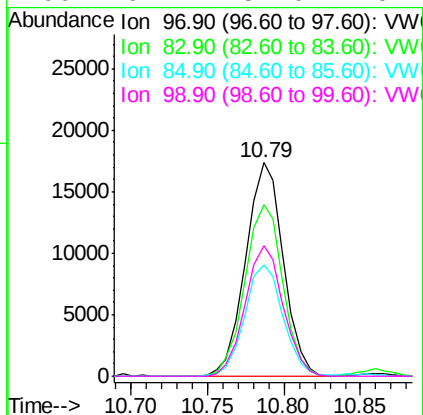
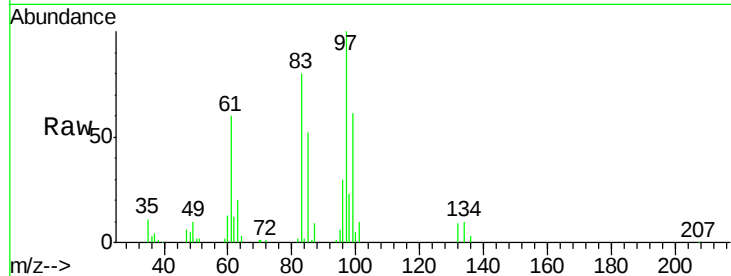




#55
 1,1,2-Trichloroethane
 Concen: 49.681 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW007705.D
 Acq: 19 Dec 2018 17:26

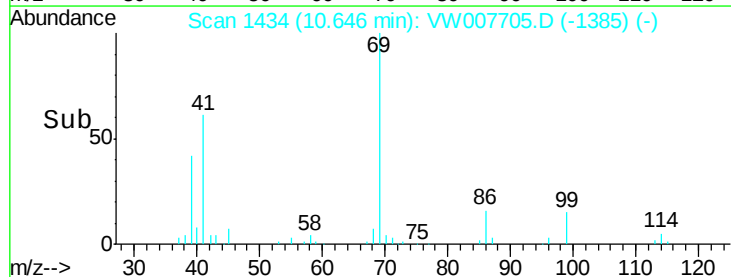
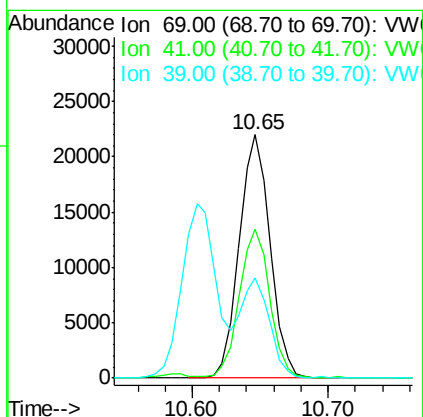
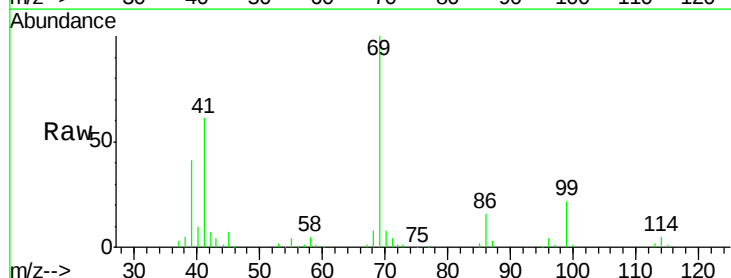
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW122118

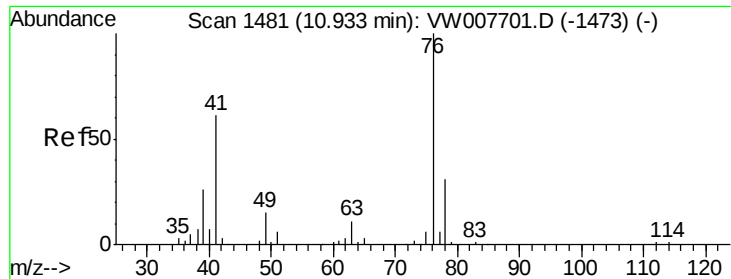
Tgt Ion:	97	Resp:	29659
Ion	Ratio	Lower	Upper
97	100		
83	80.4	67.5	101.3
85	52.2	44.8	67.2
99	61.1	51.0	76.4



#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

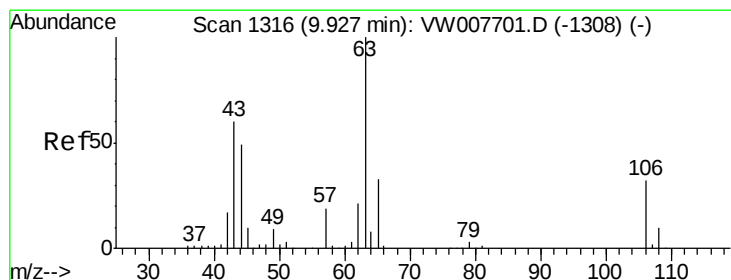
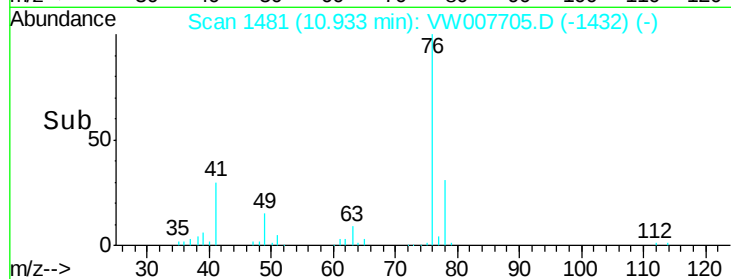
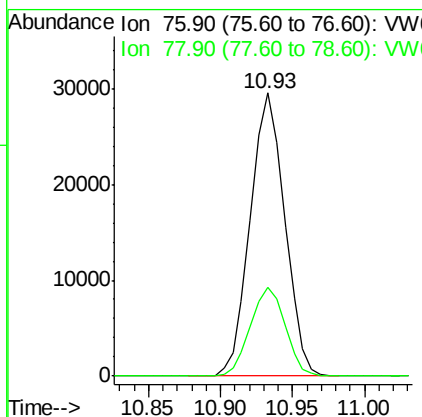
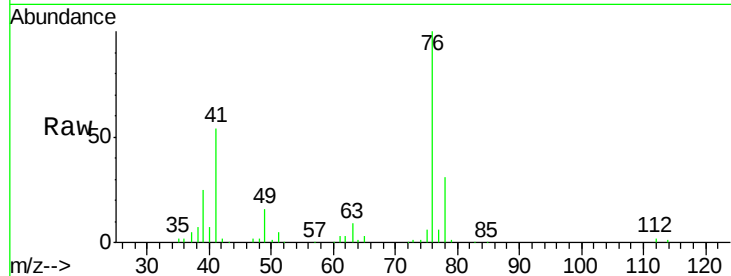




#57
 1,3-Dichloropropane
 Concen: 49.378 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW007705.D
 Acq: 19 Dec 2018 17:26

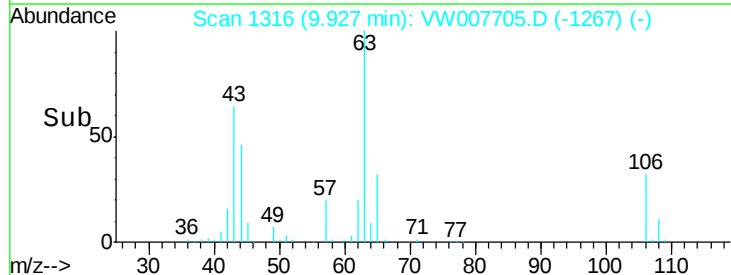
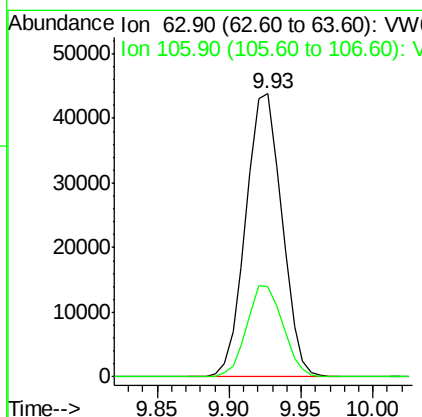
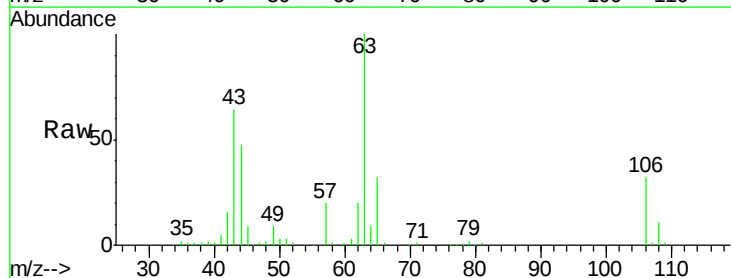
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW122118

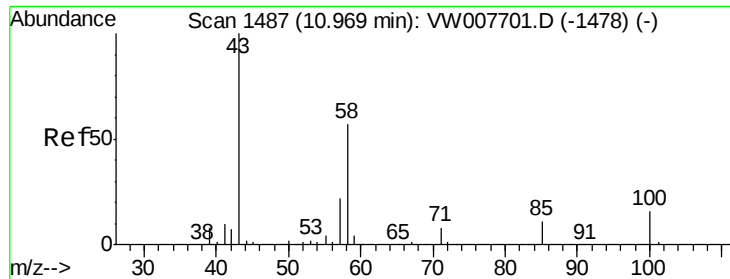
Tgt Ion: 76 Resp: 48950
 Ion Ratio Lower Upper
 76 100
 78 31.8 26.2 39.2



#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: 63 Resp: 76080
 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 :

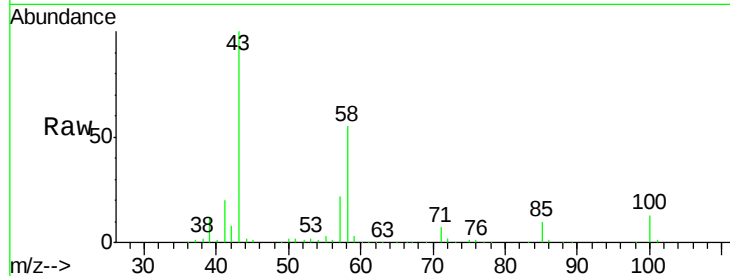
ICVW122118

Tgt Ion: 43 Resp: 64989

Ion Ratio Lower Upper

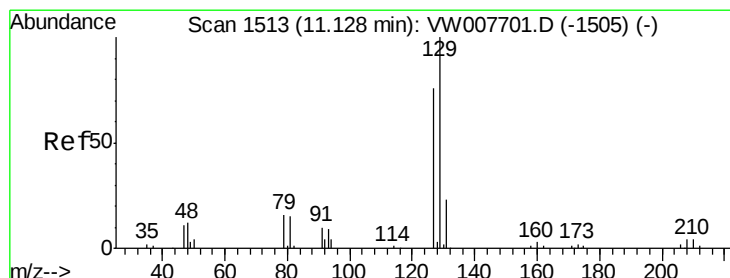
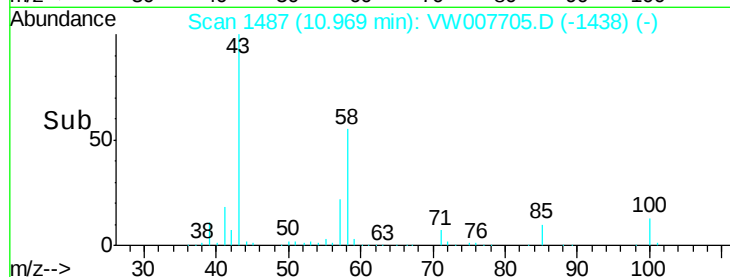
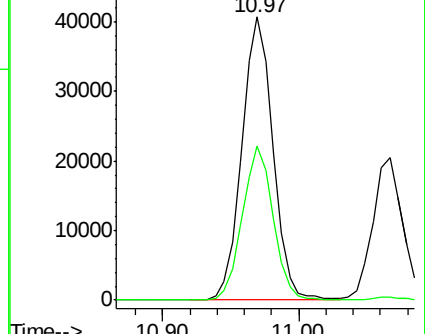
43 100

58 53.7 27.7 83.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#60

Dibromochloromethane

Concen: 49.955 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VW007705.D

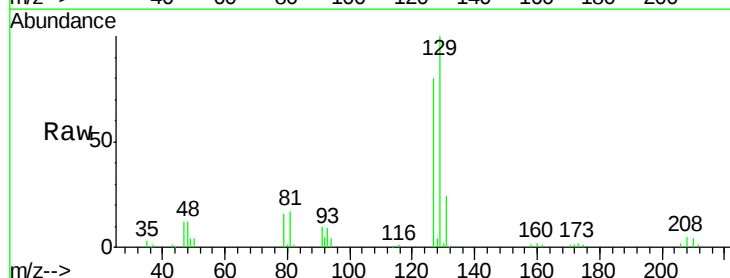
Acq: 19 Dec 2018 17:26

Tgt Ion: 129 Resp: 39487

Ion Ratio Lower Upper

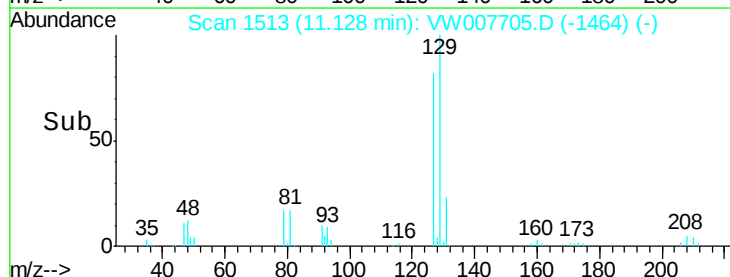
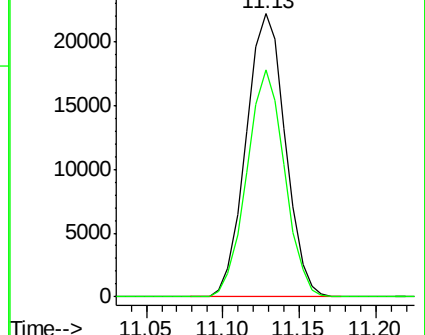
129 100

127 77.2 38.3 114.9



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V





#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 :

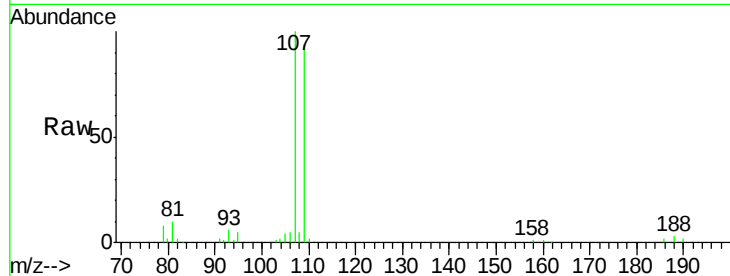
ICVW122118

Tgt Ion: 107 Resp: 29294

Ion Ratio Lower Upper

107 100

109 93.4 75.4 113.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.24

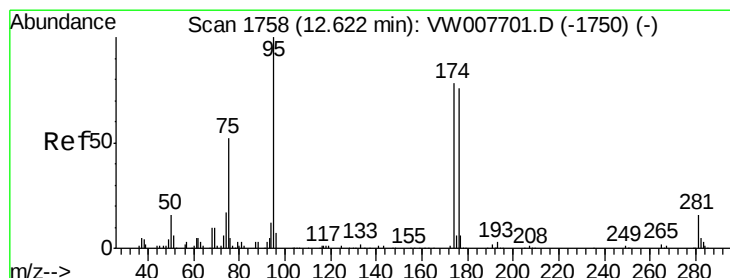
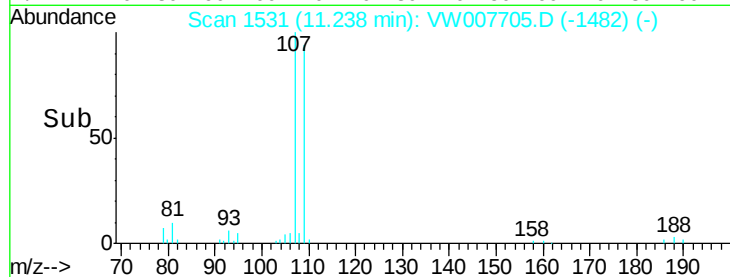
15000

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

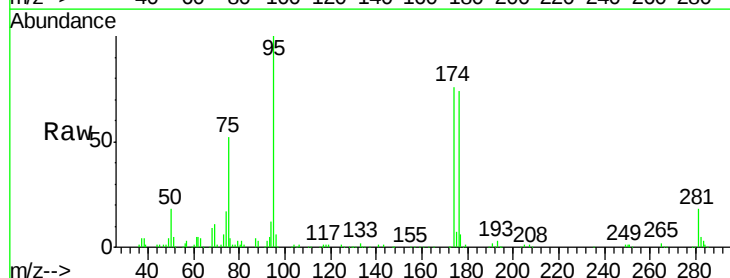
Tgt Ion: 95 Resp: 54523

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

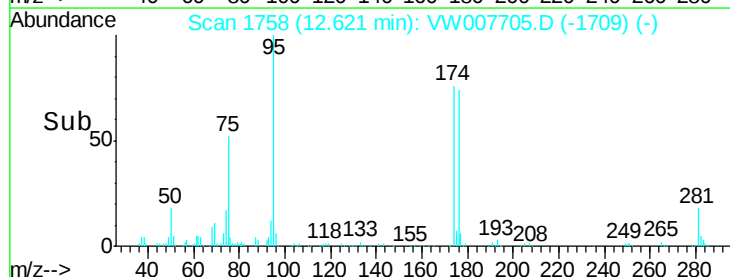
30000

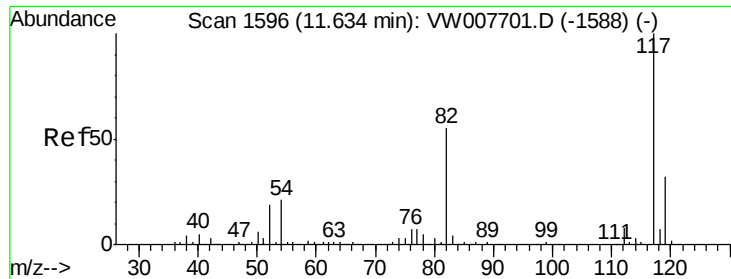
20000

10000

0

Time--> 12.55 12.60 12.65 12.70

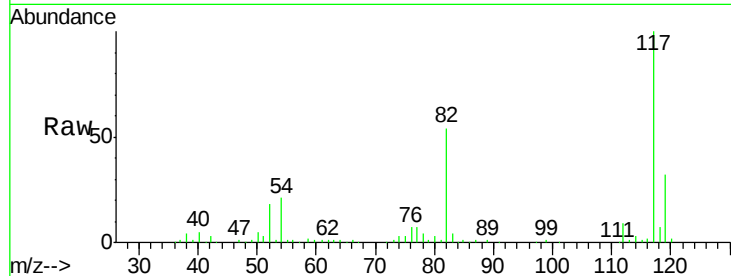




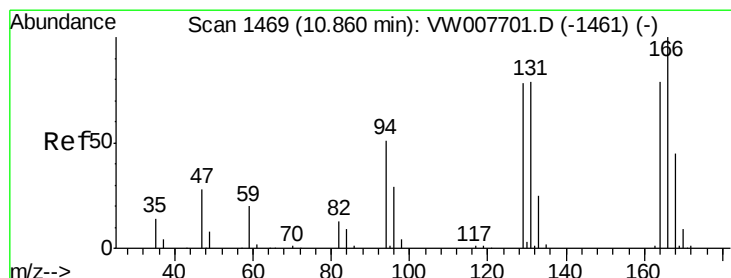
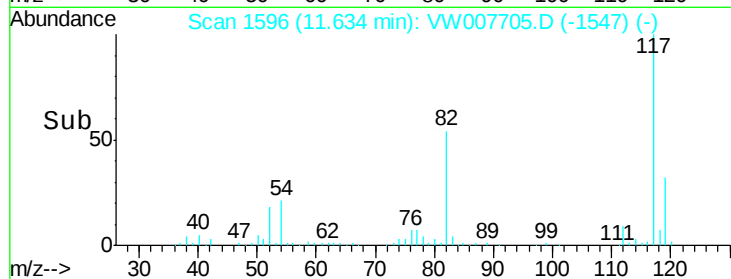
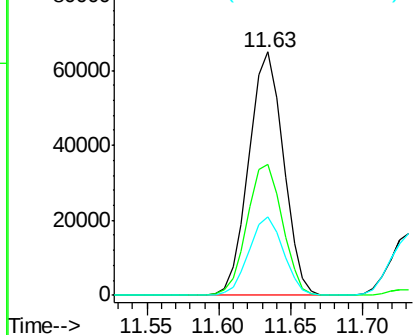
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007705.D
Acq: 19 Dec 2018 17:26

Instrument :
MSVOA_W
ClientSampleId :
ICVW122118

Tgt Ion:117 Resp: 108064
Ion Ratio Lower Upper
117 100
82 53.8 44.3 66.5
119 32.4 25.7 38.5

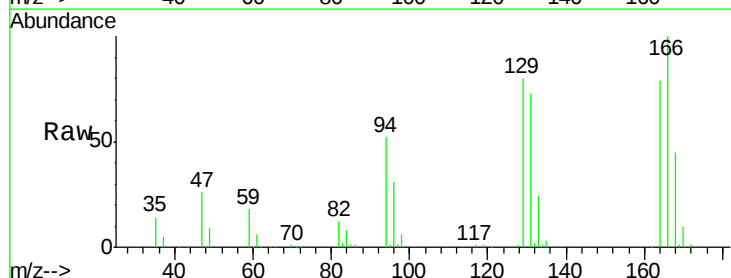


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

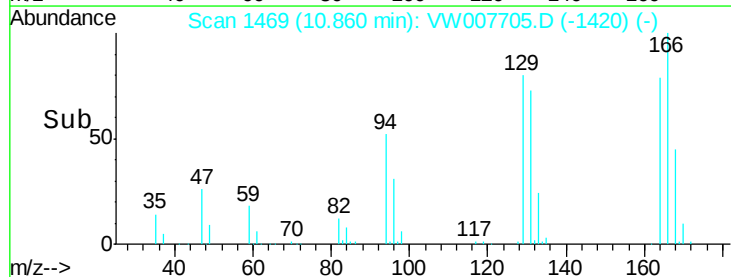
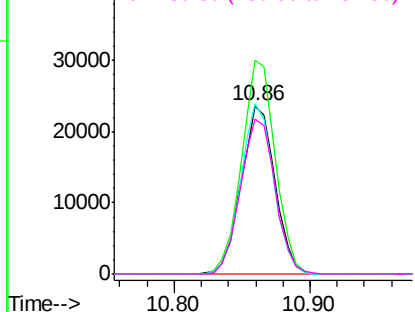


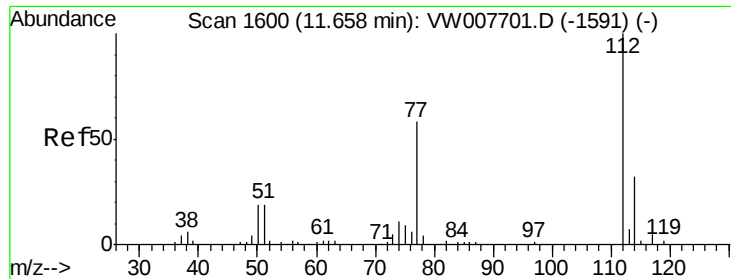
#64
Tetrachloroethene
Concen: 53.351 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW007705.D
Acq: 19 Dec 2018 17:26

Tgt Ion:164 Resp: 40826
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



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#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 :

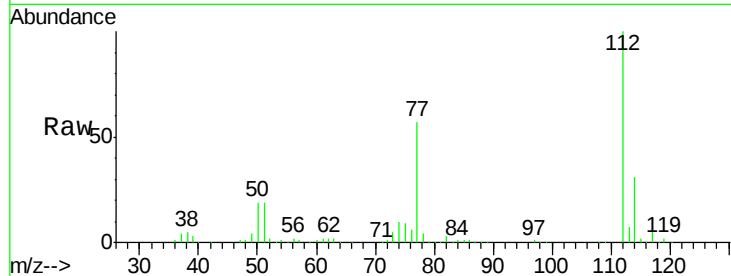
ICVW122118

Tgt Ion:112 Resp: 122386

Ion Ratio Lower Upper

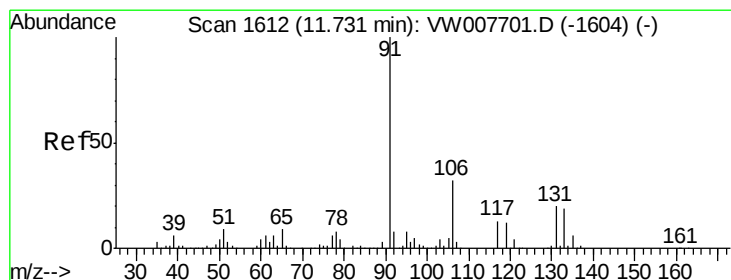
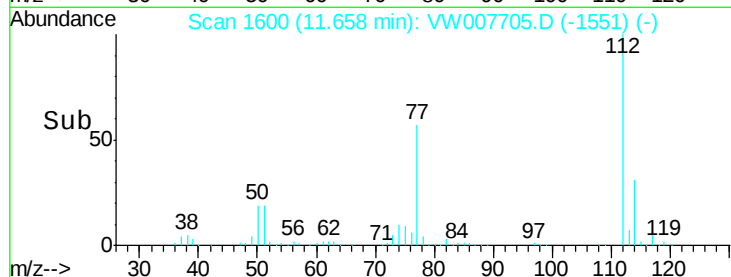
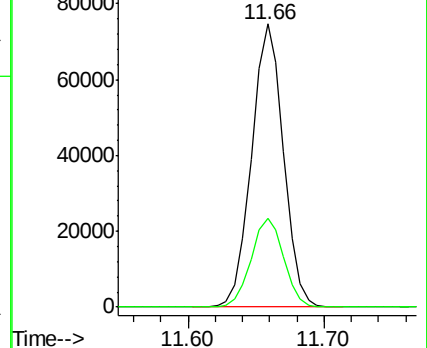
112 100

114 31.4 25.2 37.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 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

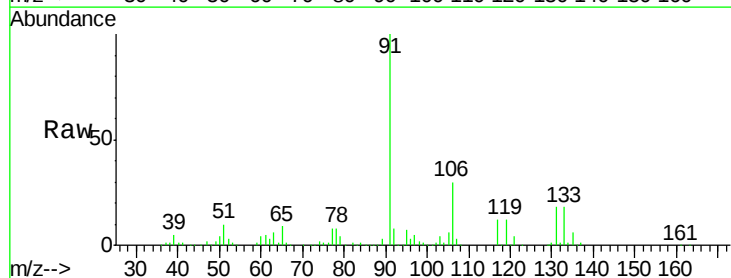
Tgt Ion:131 Resp: 43512

Ion Ratio Lower Upper

131 100

133 96.7 47.5 142.5

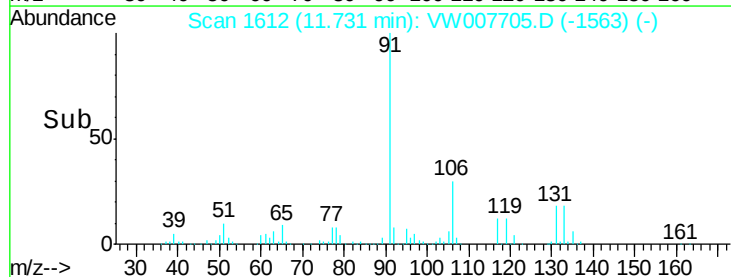
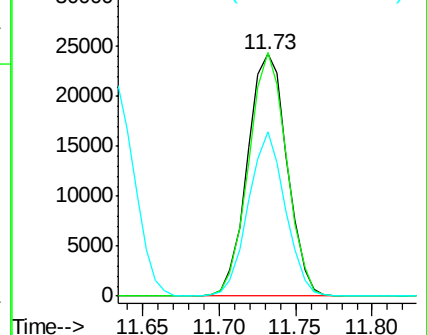
119 63.4 30.2 90.6

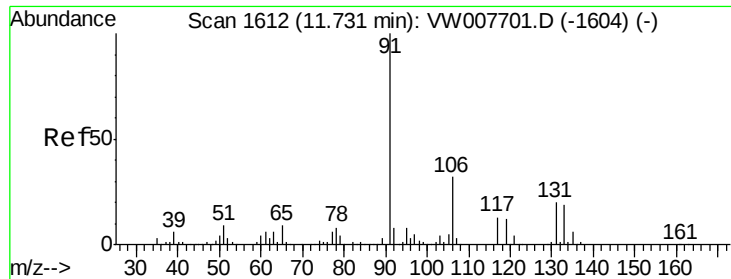


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

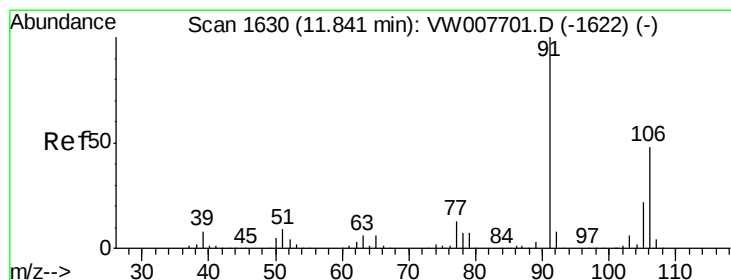
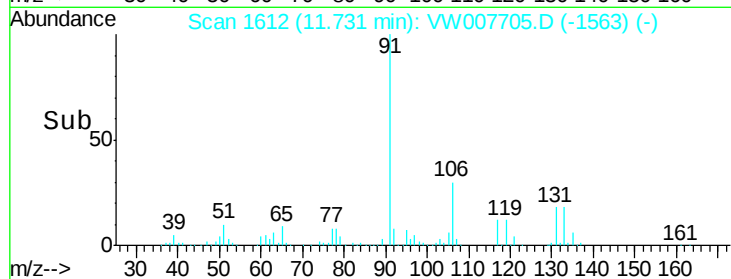
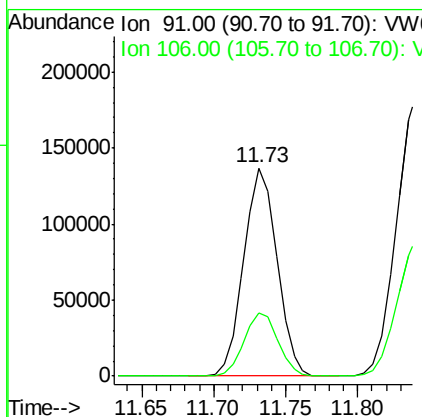
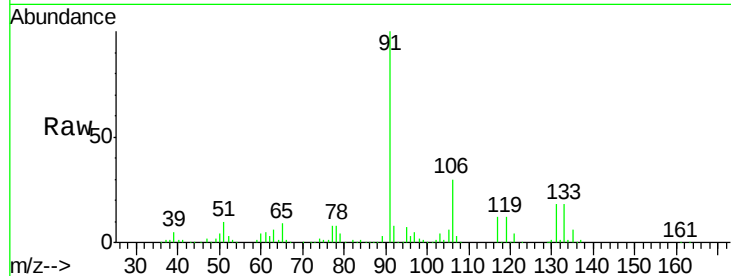




#67
Ethyl Benzene
Concen: 54.676 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007705.D
Acq: 19 Dec 2018 17:26

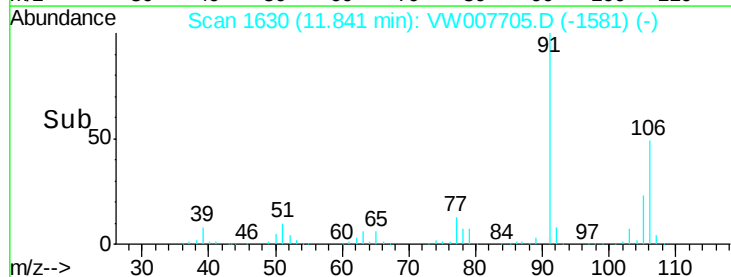
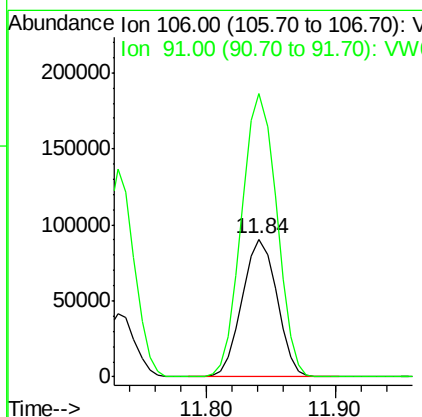
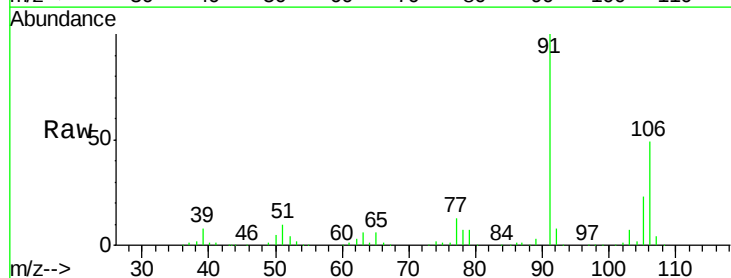
Instrument :
MSVOA_W
ClientSampleId :
ICVW122118

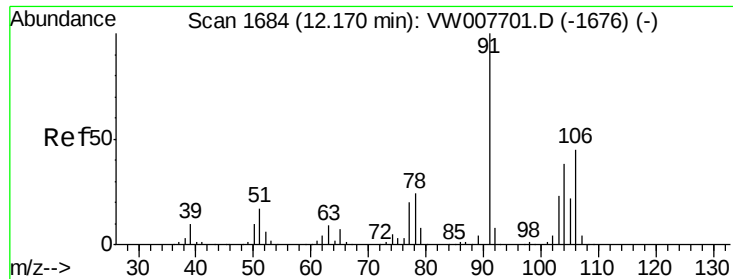
Tgt Ion: 91 Resp: 219449
Ion Ratio Lower Upper
91 100
106 30.4 25.8 38.8



#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

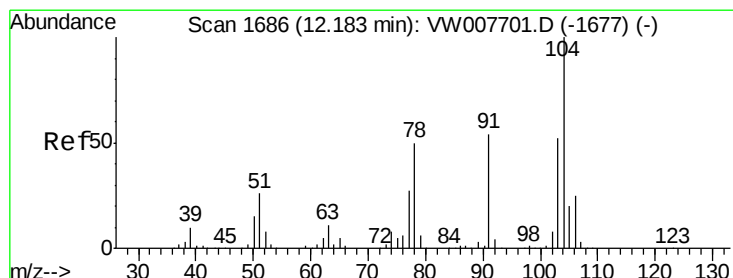
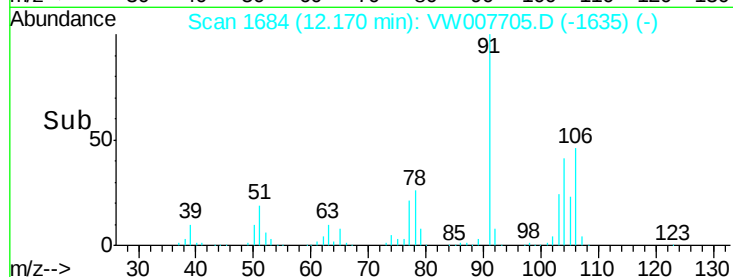
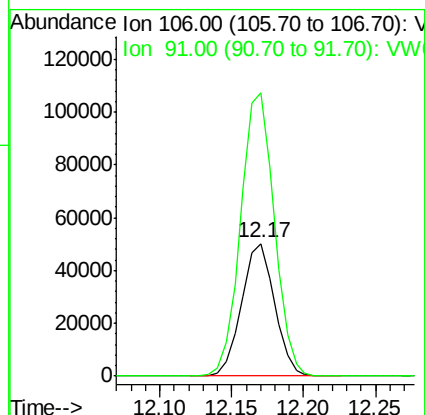
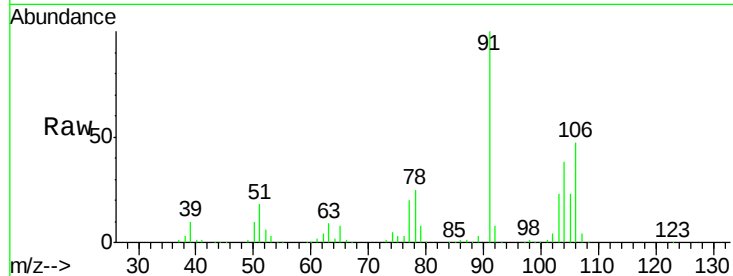




#69
o-Xylene
Concen: 54.622 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007705.D
Acq: 19 Dec 2018 17:26

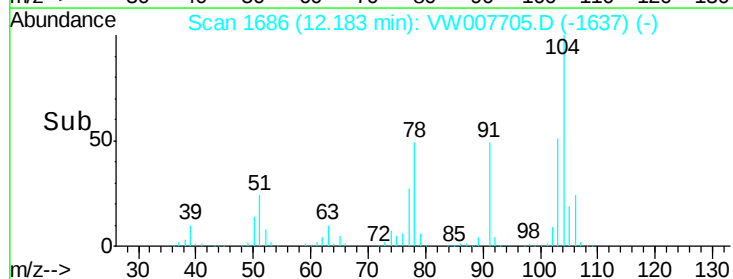
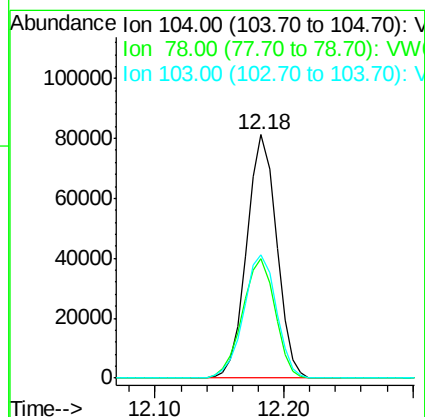
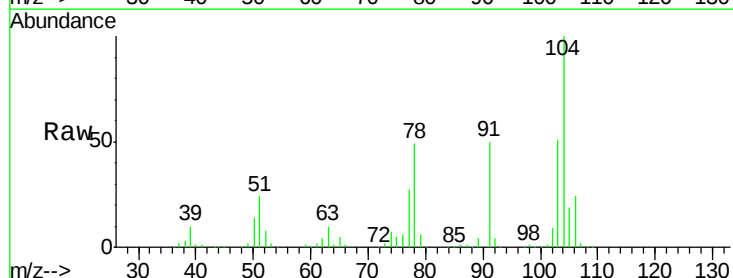
Instrument :
MSVOA_W
ClientSampleId :
ICVW122118

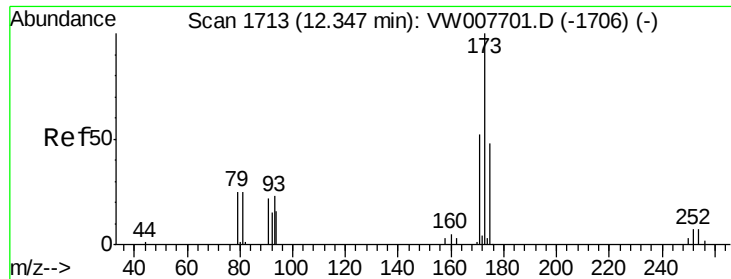
Tgt Ion:106 Resp: 79718
Ion Ratio Lower Upper
106 100
91 217.5 110.5 331.4



#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

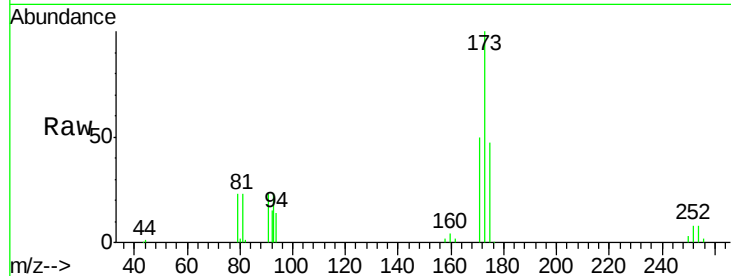




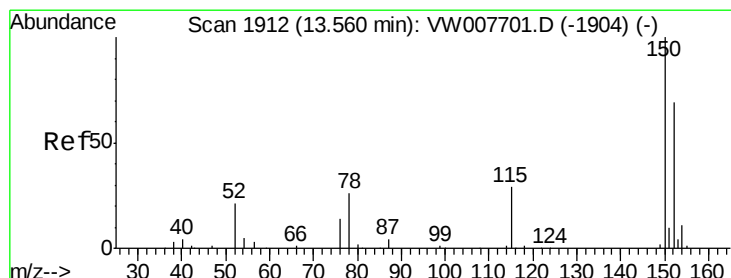
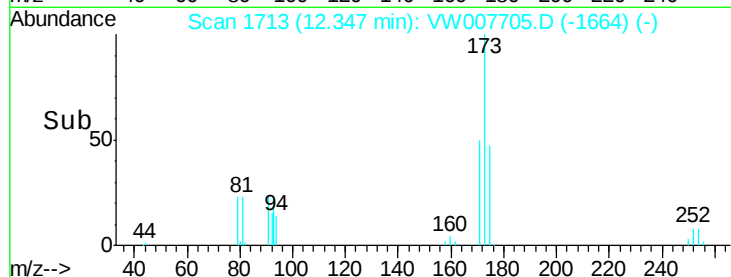
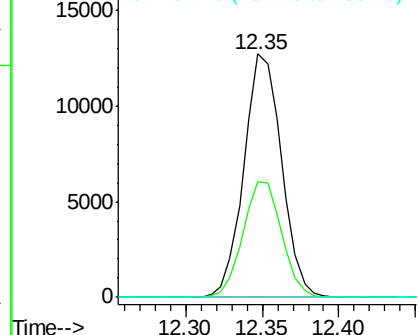
#71
Bromoform
Concen: 50.141 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VW007705.D
Acq: 19 Dec 2018 17:26

Instrument :
MSVOA_W
ClientSampleId :
ICVW122118

Tgt Ion:173 Resp: 21754
Ion Ratio Lower Upper
173 100
175 48.6 23.9 71.7
254 0.0 0.0 0.0

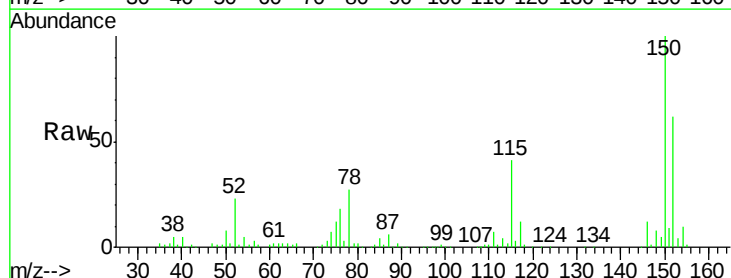


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

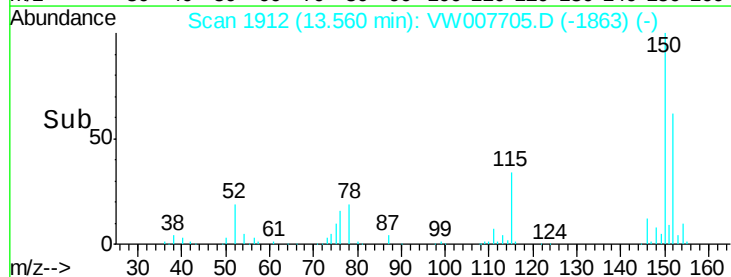
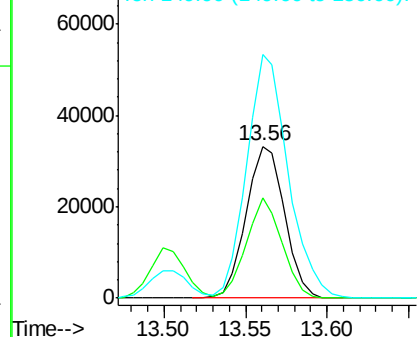


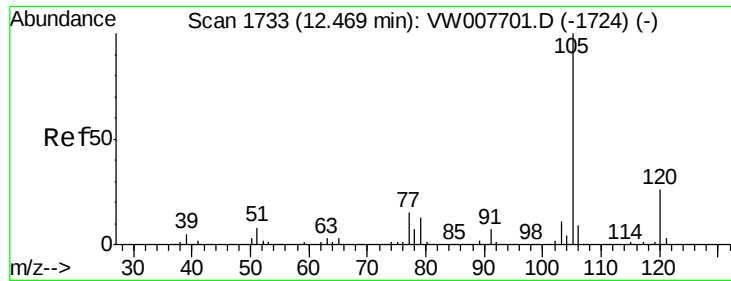
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007705.D
Acq: 19 Dec 2018 17:26

Tgt Ion:152 Resp: 54213
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 :

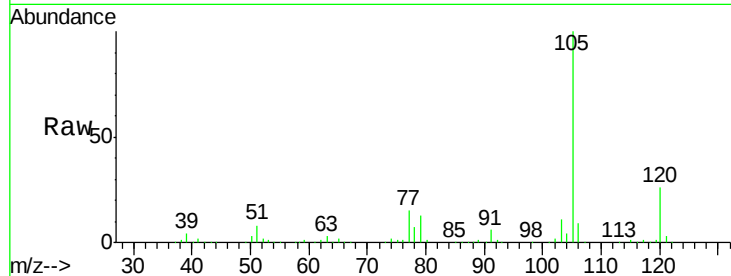
ICVW122118

Tgt Ion: 105 Resp: 229034

Ion Ratio Lower Upper

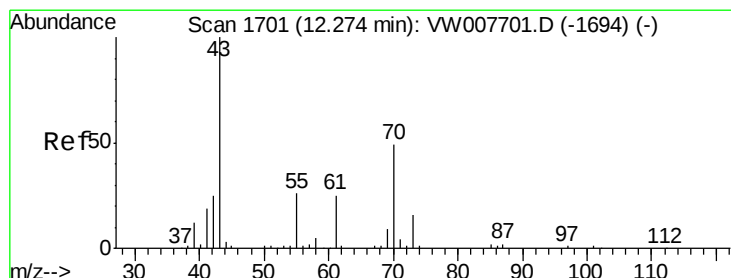
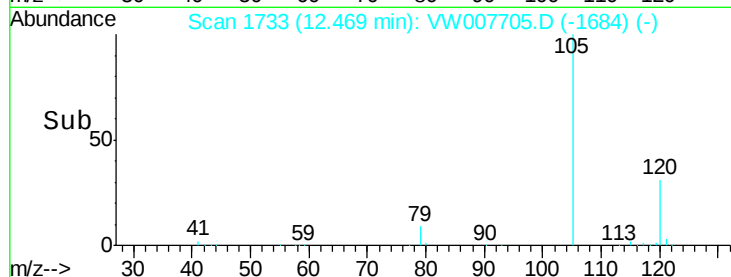
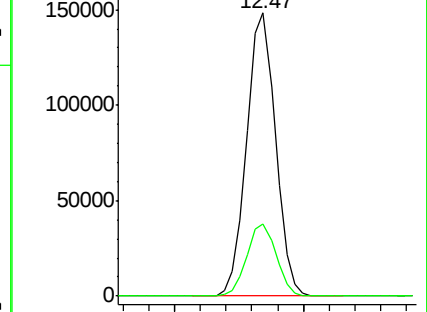
105 100

120 26.0 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#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

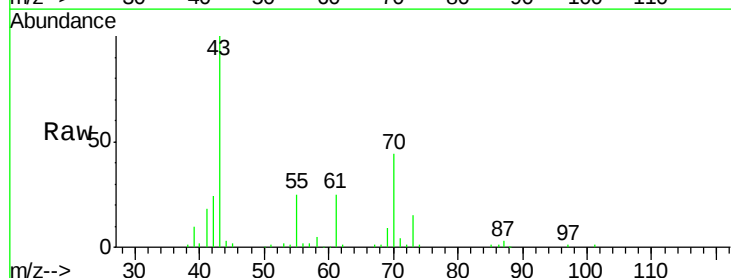
Ion Ratio Lower Upper

43 100

70 46.0 37.6 56.4

55 25.4 21.7 32.5

61 25.1 20.1 30.1

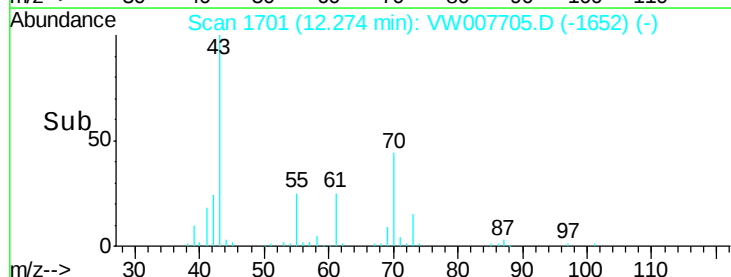
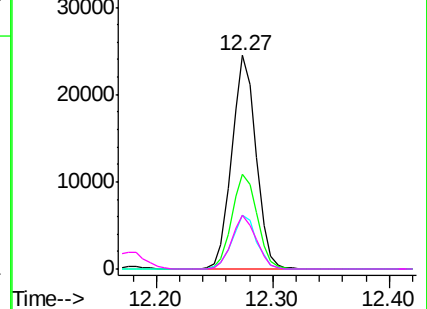


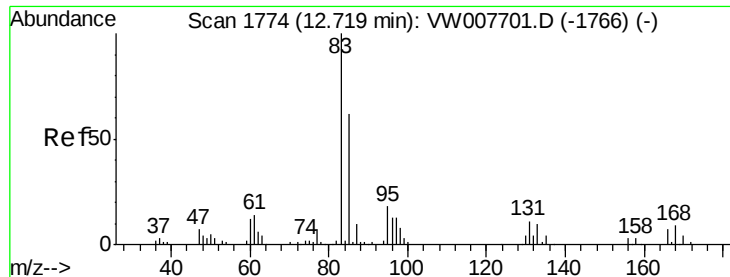
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV





#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

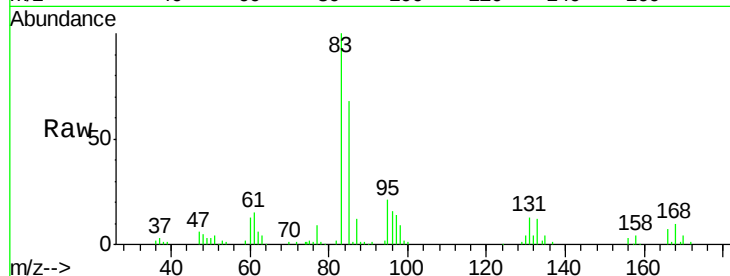
Tgt Ion: 83 Resp: 29985

Ion Ratio Lower Upper

83 100

131 13.5 6.3 18.8

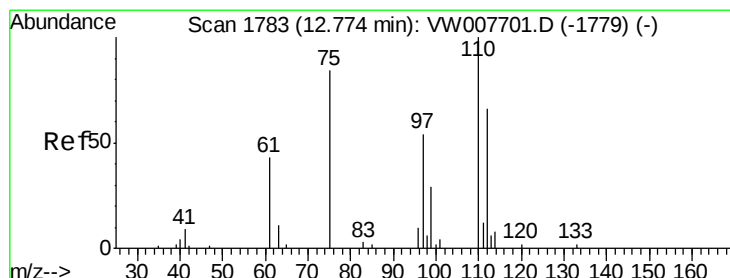
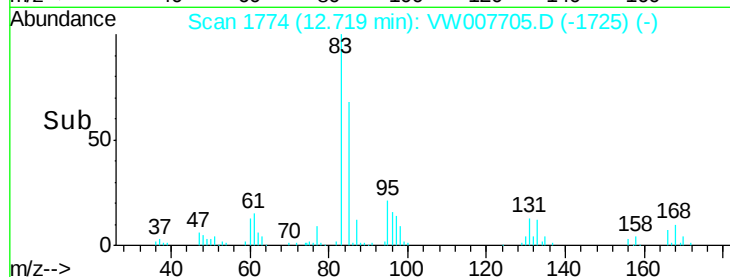
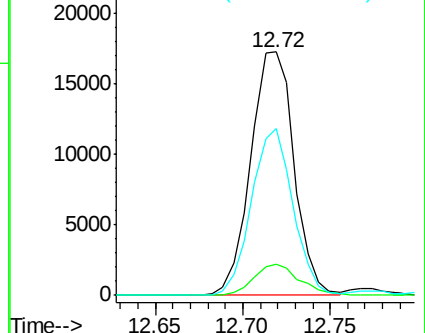
85 65.4 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 102.612 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.01 min

Lab File: VW007705.D

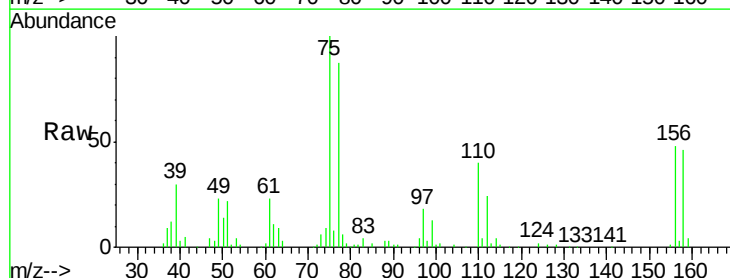
Acq: 19 Dec 2018 17:26

Tgt Ion: 75 Resp: 42996

Ion Ratio Lower Upper

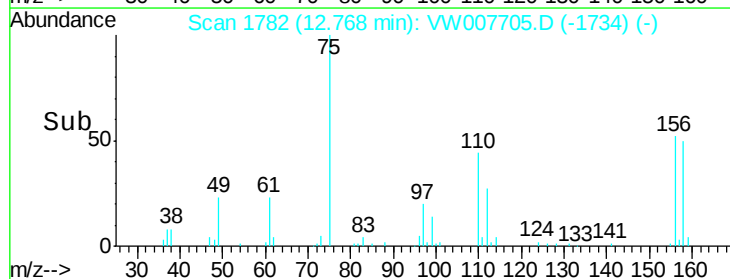
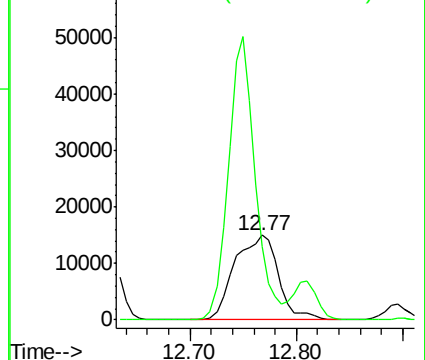
75 100

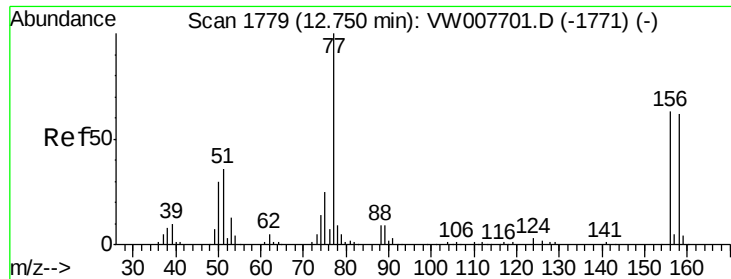
77 204.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#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

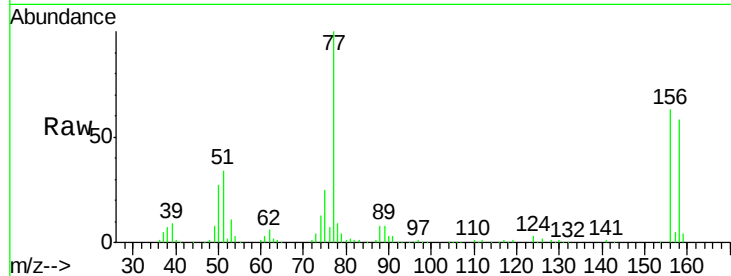
Tgt Ion:156 Resp: 49522

Ion Ratio Lower Upper

156 100

77 177.4 87.4 262.1

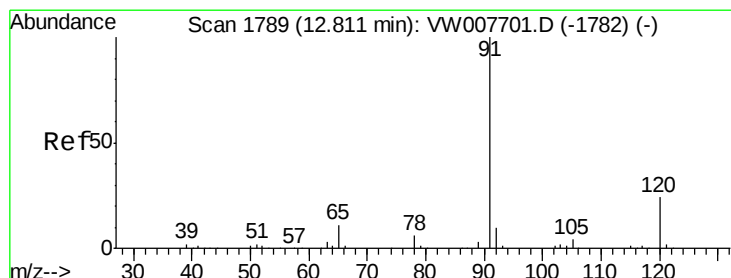
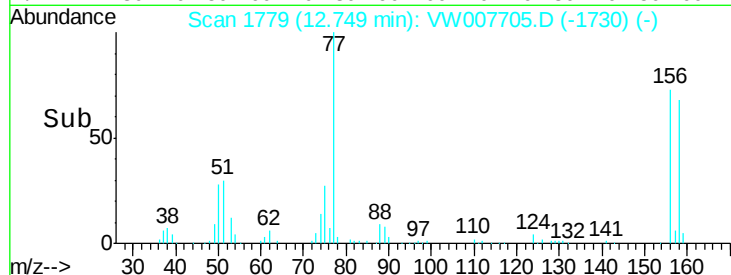
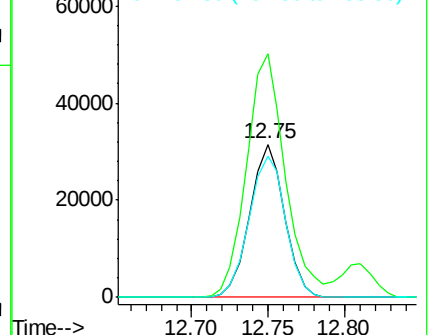
158 97.3 48.4 145.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 55.068 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW007705.D

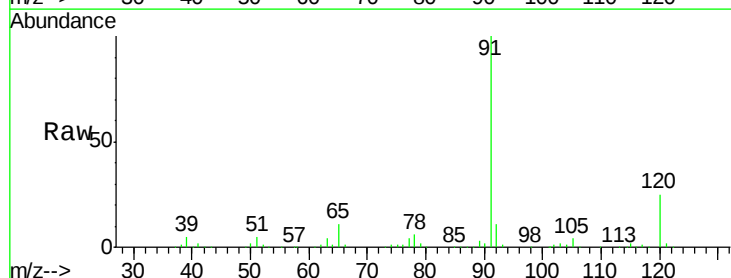
Acq: 19 Dec 2018 17:26

Tgt Ion: 91 Resp: 262684

Ion Ratio Lower Upper

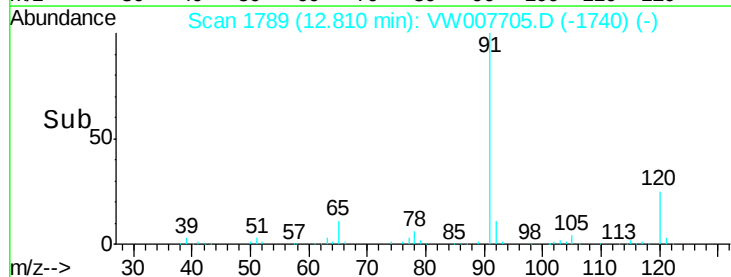
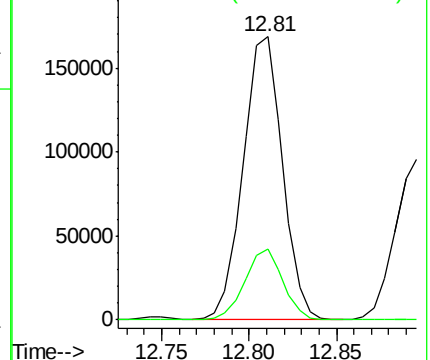
91 100

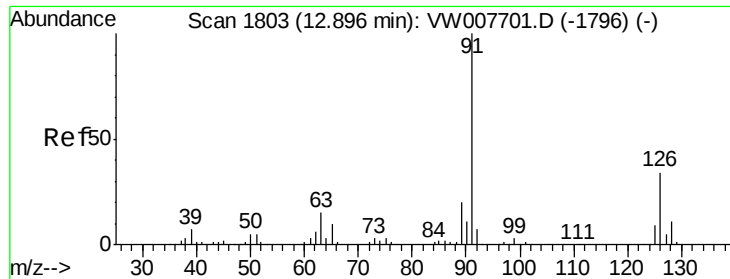
120 24.3 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

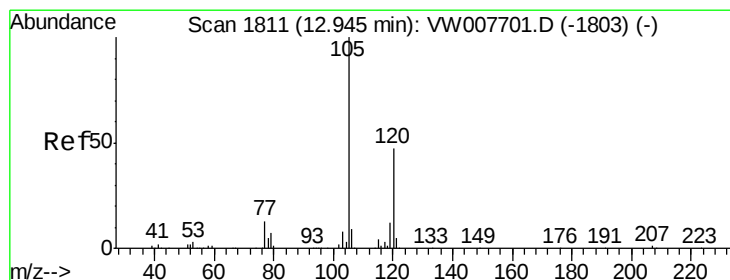
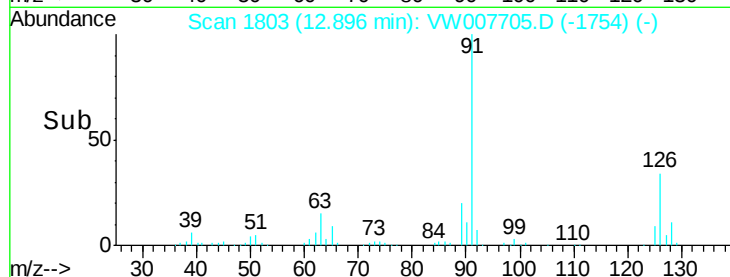
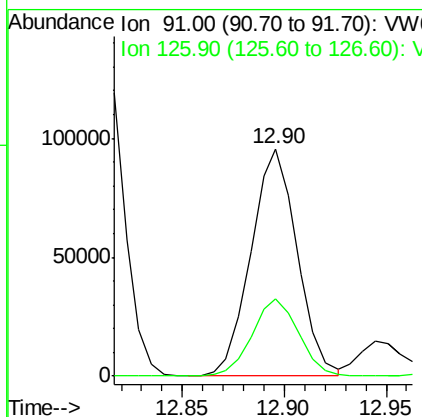
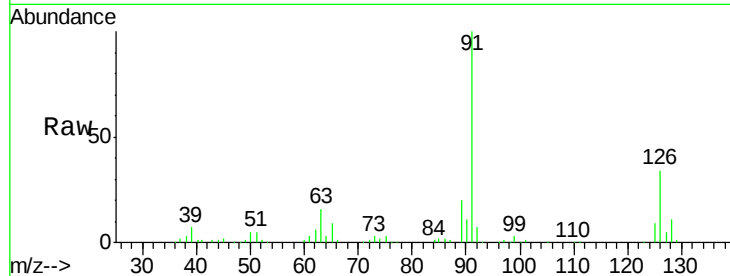




#79
 2-Chlorotoluene
 Concen: 54.243 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW007705.D
 Acq: 19 Dec 2018 17:26

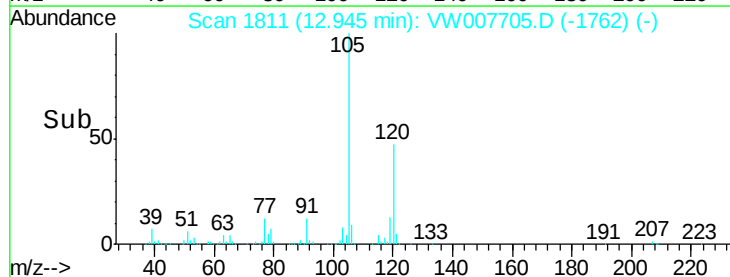
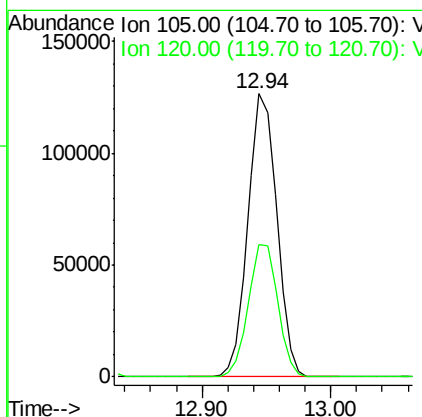
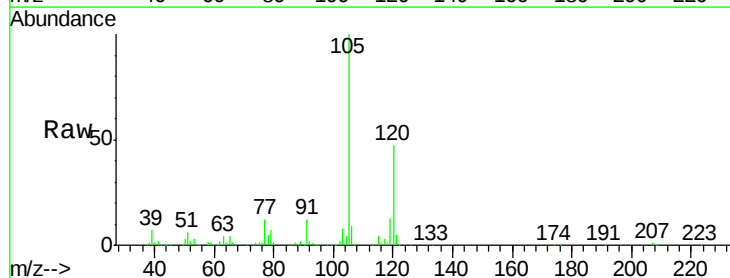
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVW122118

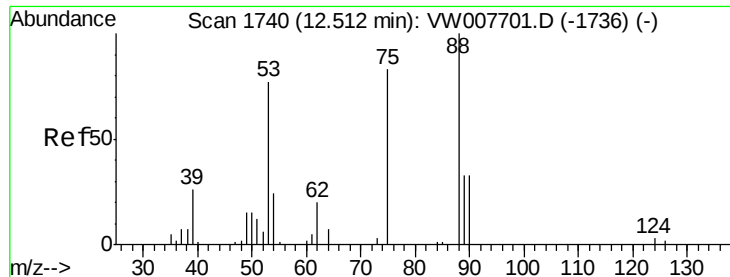
Tgt Ion: 91 Resp: 150734
 Ion Ratio Lower Upper
 91 100
 126 34.1 17.0 51.0



#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

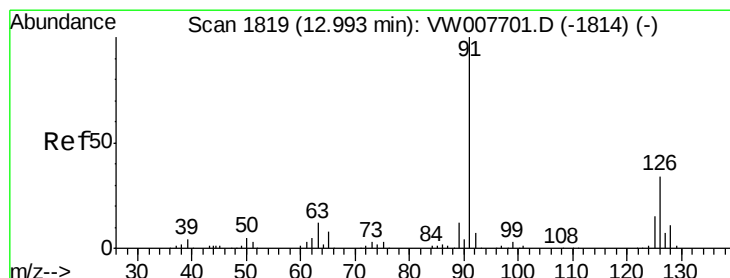
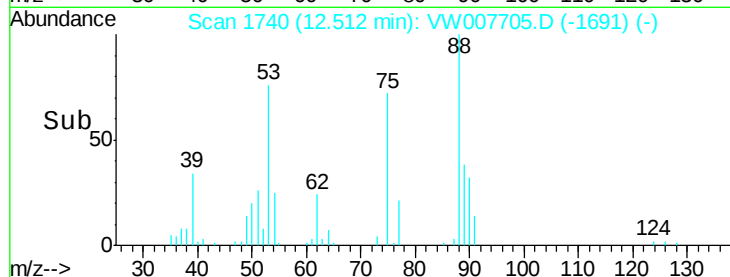
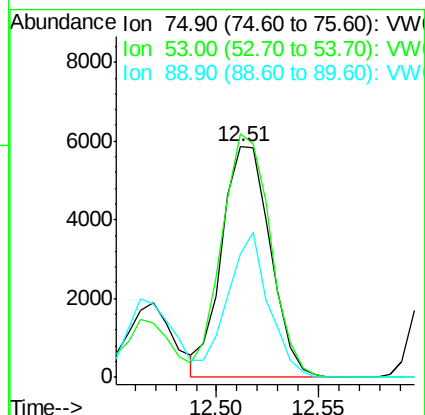
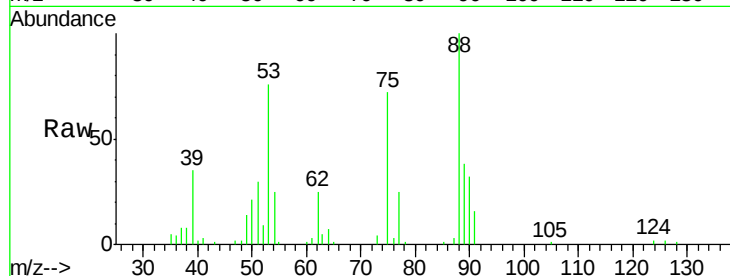
Tgt Ion: 75 Resp: 9679

Ion Ratio Lower Upper

75 100

53 105.5 80.2 120.2

89 53.8 39.2 58.8



#82

4-Chlorotoluene

Concen: 54.106 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW007705.D

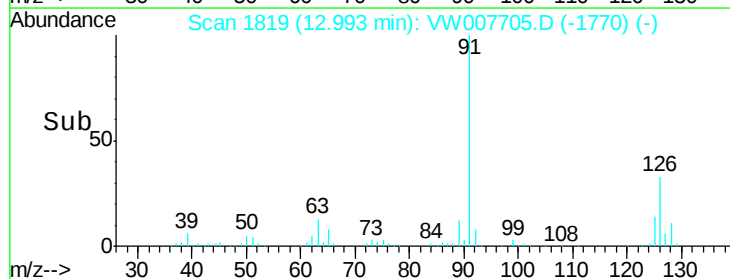
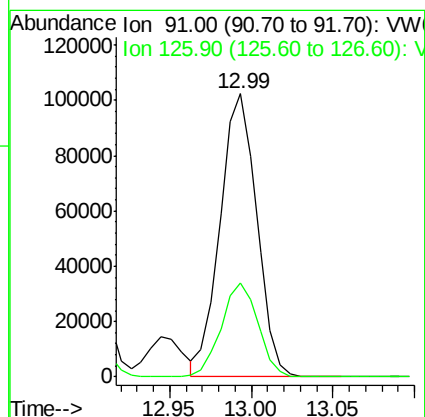
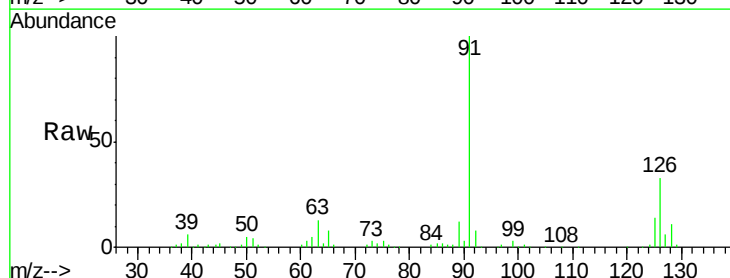
Acq: 19 Dec 2018 17:26

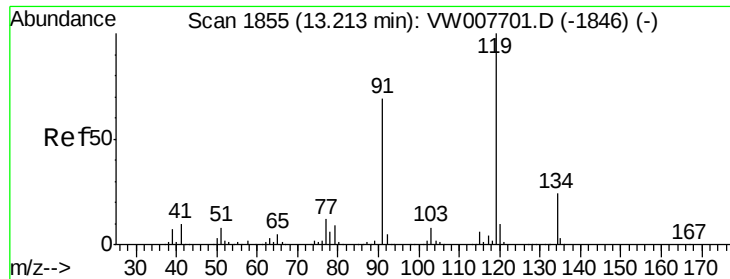
Tgt Ion: 91 Resp: 160092

Ion Ratio Lower Upper

91 100

126 33.4 16.5 49.5

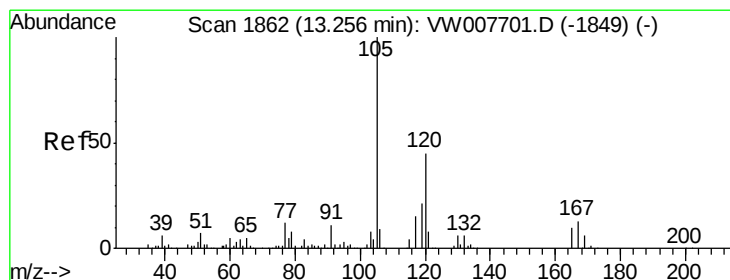
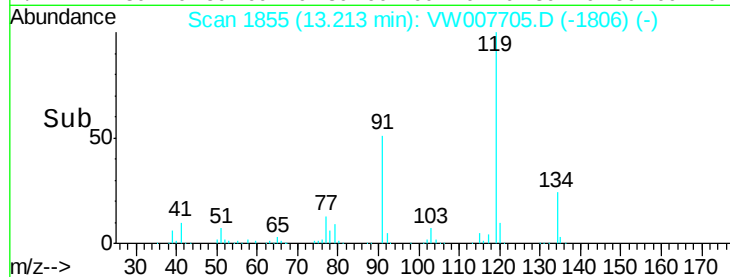
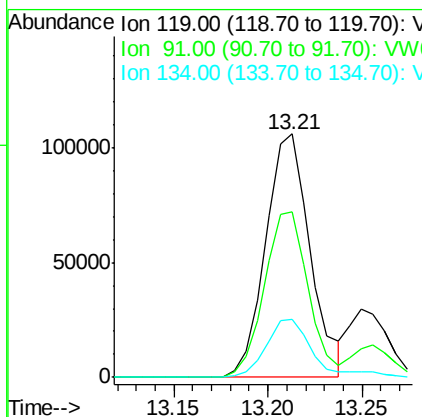
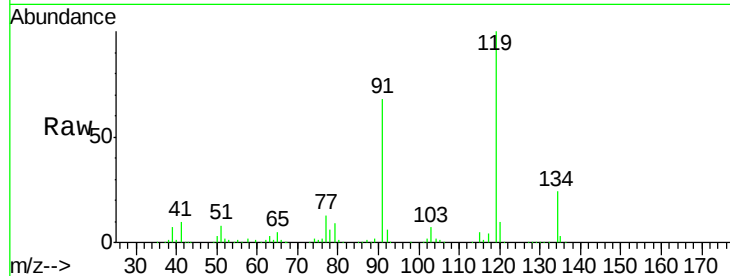




#83
tert-Butylbenzene
Concen: 55.987 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW007705.D
Acq: 19 Dec 2018 17:26

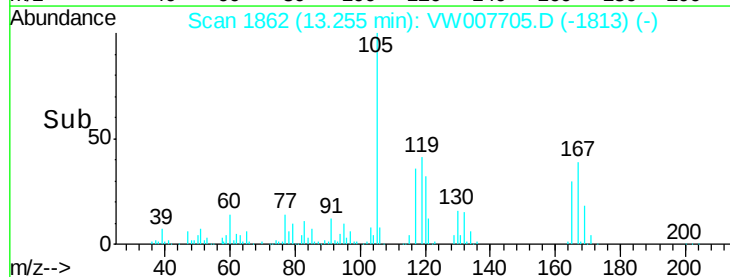
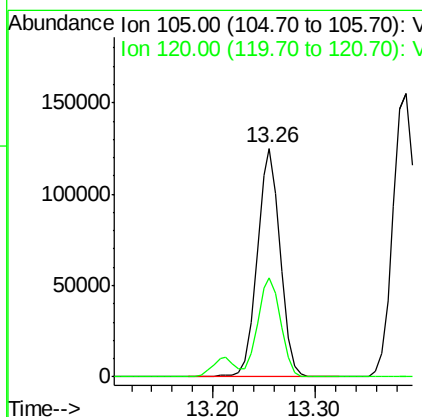
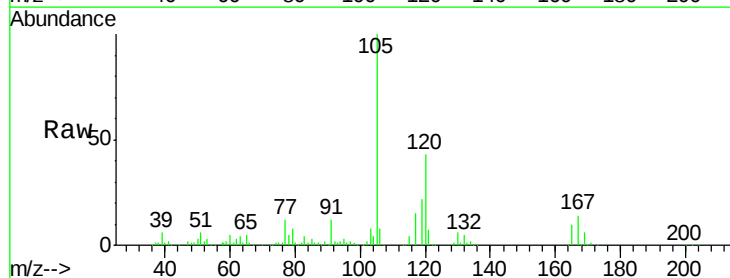
Instrument :
MSVOA_W
ClientSampleId :
ICVW122118

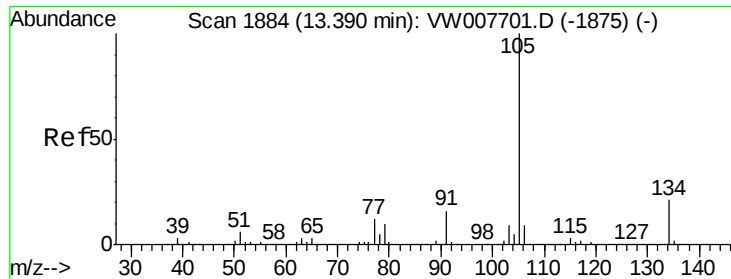
Tgt Ion:119 Resp: 173641
Ion Ratio Lower Upper
119 100
91 67.0 34.2 102.5
134 25.4 12.8 38.4



#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:105 Resp: 196010
Ion Ratio Lower Upper
105 100
120 44.1 22.0 66.0

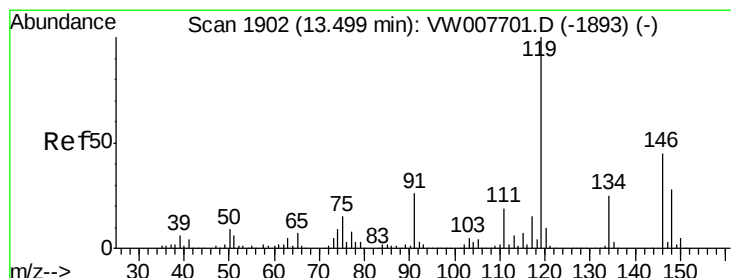
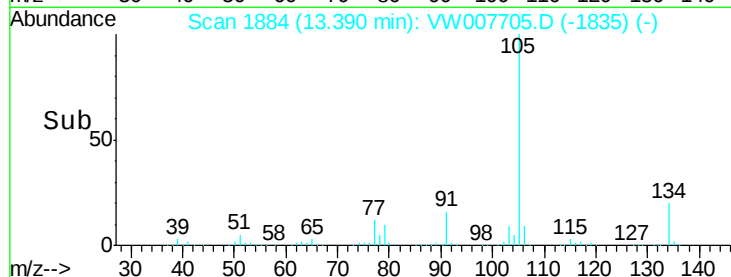
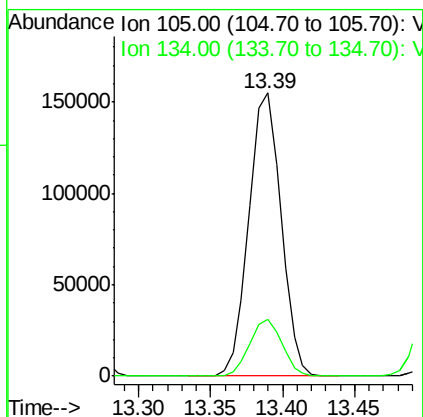
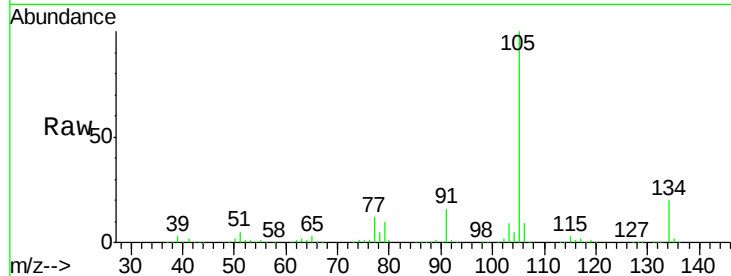




#85
 sec-Butylbenzene
 Concen: 56.086 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW007705.D
 Acq: 19 Dec 2018 17:26

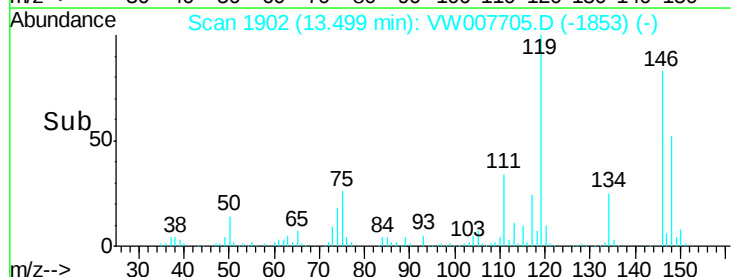
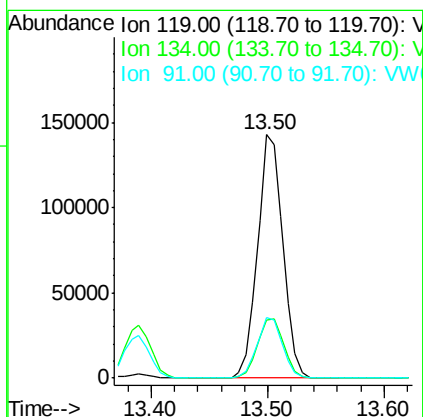
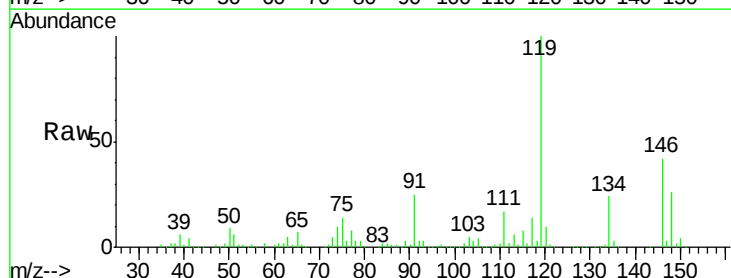
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW122118

Tgt Ion:105 Resp: 239734
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.2 30.4



#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

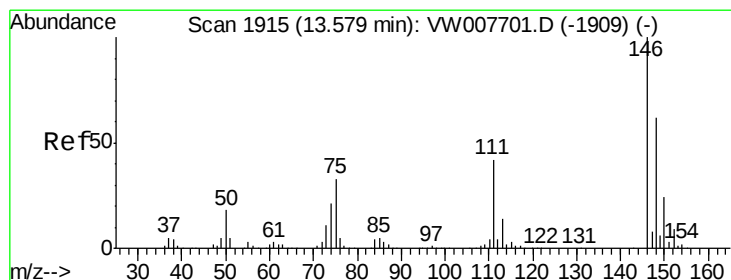
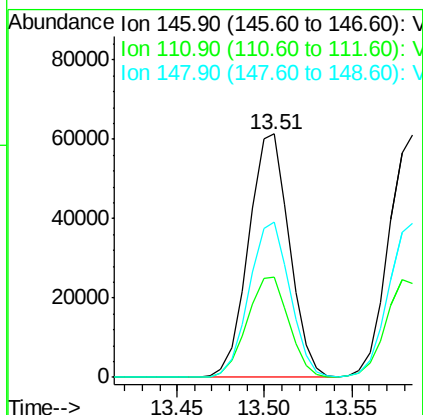
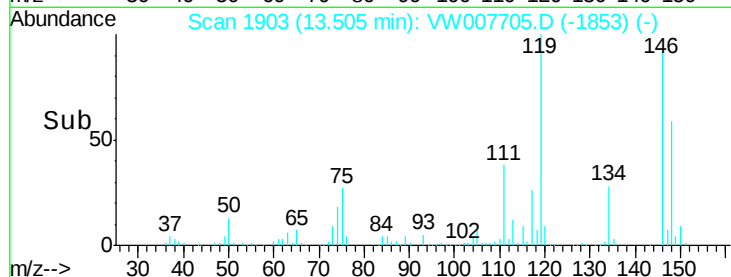
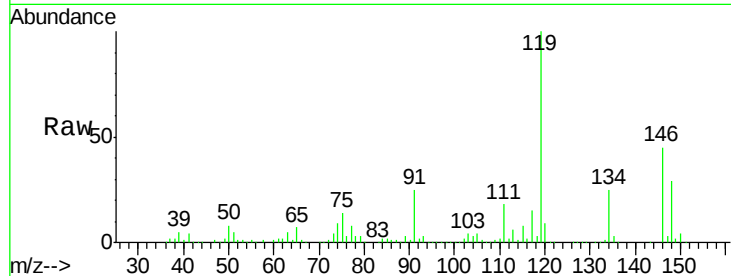




#87
 1,3-Dichlorobenzene
 Concen: 53.305 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: VW007705.D
 Acq: 19 Dec 2018 17:26

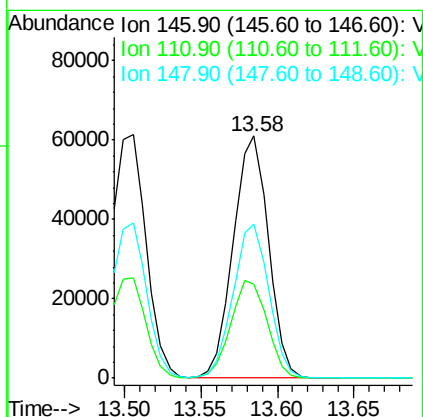
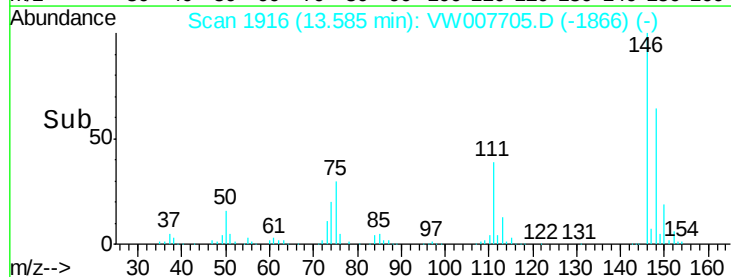
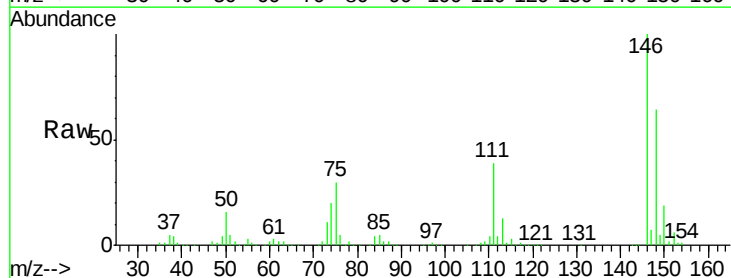
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW122118

Tgt Ion:146 Resp: 99394
 Ion Ratio Lower Upper
 146 100
 111 42.2 21.1 63.4
 148 63.6 32.1 96.5



#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:146 Resp: 97637
 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

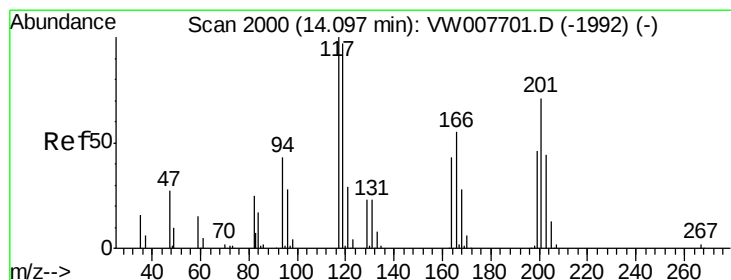
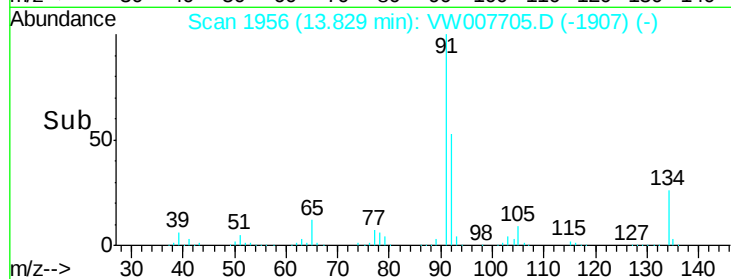
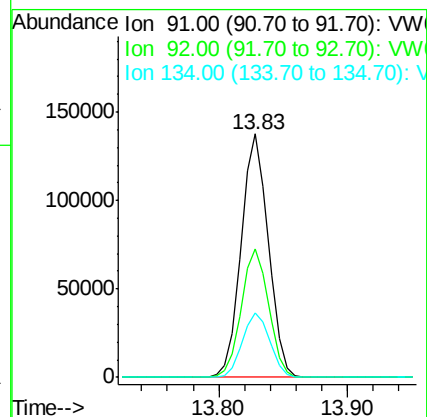
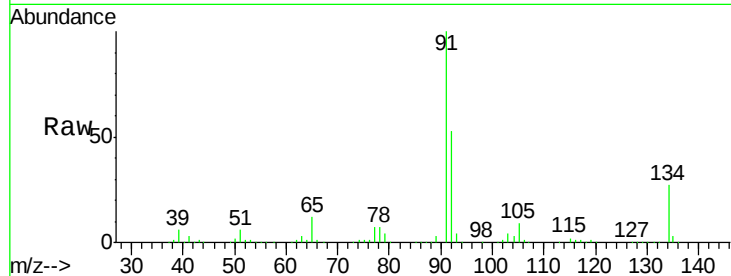
Tgt Ion: 91 Resp: 200303

Ion Ratio Lower Upper

91 100

92 53.0 26.4 79.2

134 26.8 13.7 41.0



#90

Hexachloroethane

Concen: 55.049 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW007705.D

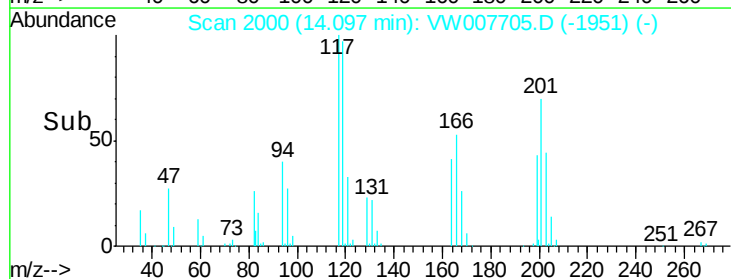
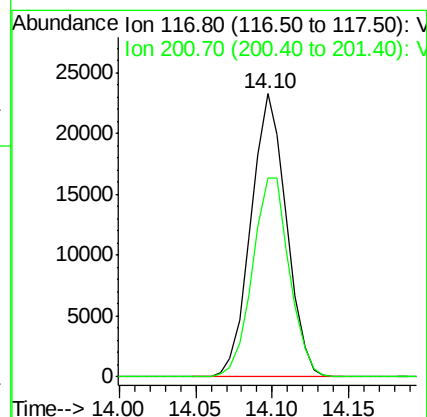
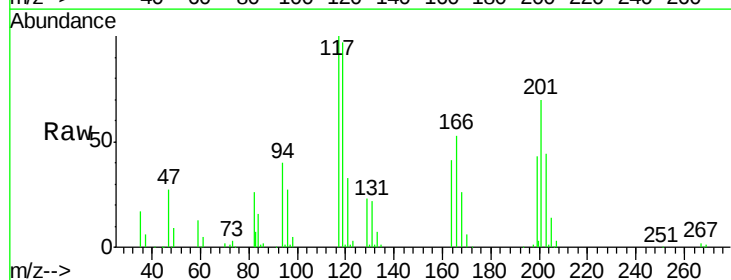
Acq: 19 Dec 2018 17:26

Tgt Ion: 117 Resp: 37563

Ion Ratio Lower Upper

117 100

201 73.0 36.2 108.6

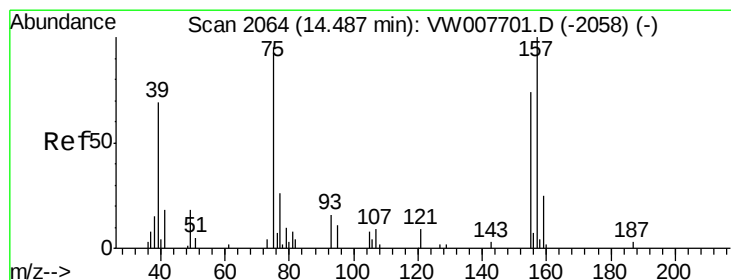
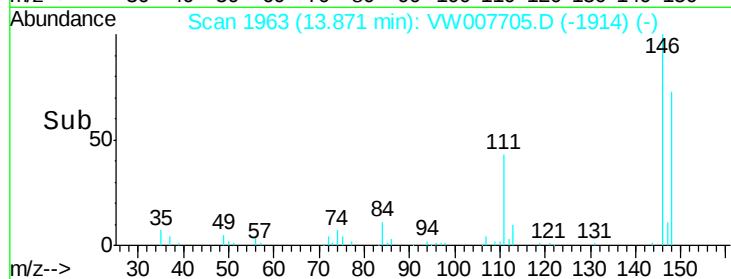
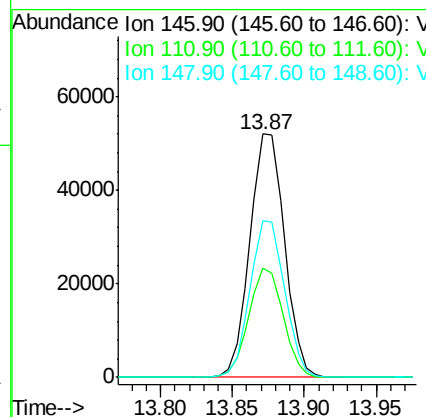
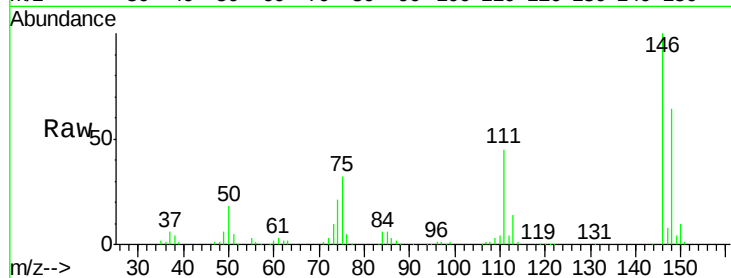




#91
 1,2-Dichlorobenzene
 Concen: 51.938 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW007705.D
 Acq: 19 Dec 2018 17:26

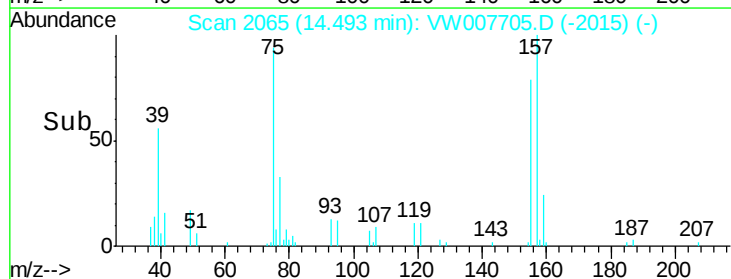
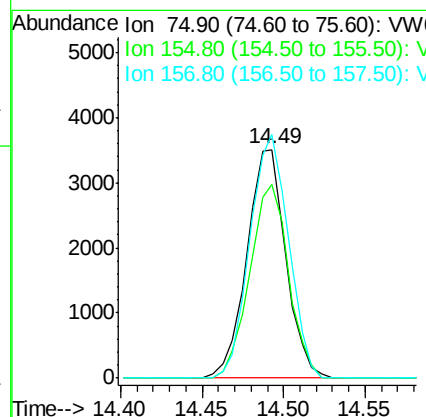
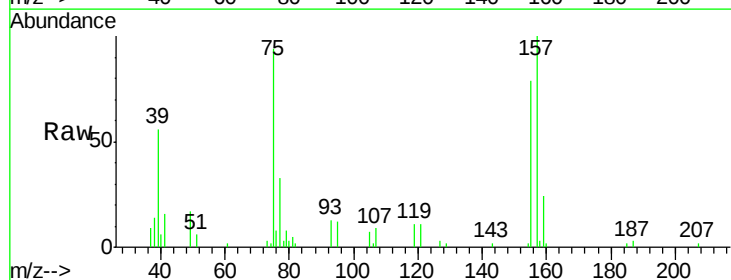
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW122118

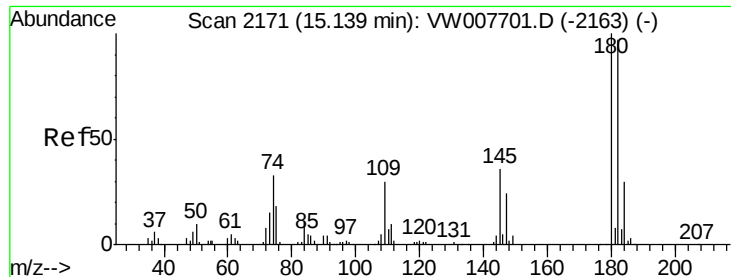
Tgt Ion: 146 Resp: 86709
 Ion Ratio Lower Upper
 146 100
 111 44.5 21.7 65.1
 148 64.1 32.1 96.5



#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: 75 Resp: 5845
 Ion Ratio Lower Upper
 75 100
 155 83.9 39.4 118.1
 157 105.4 52.0 156.0

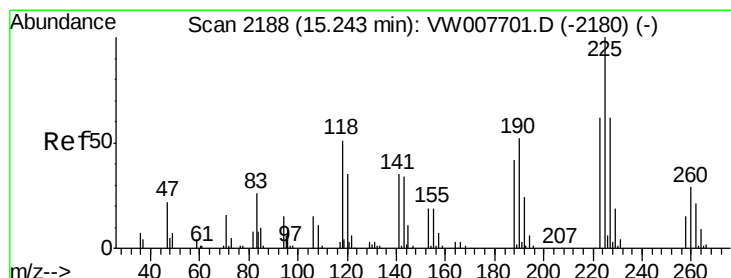
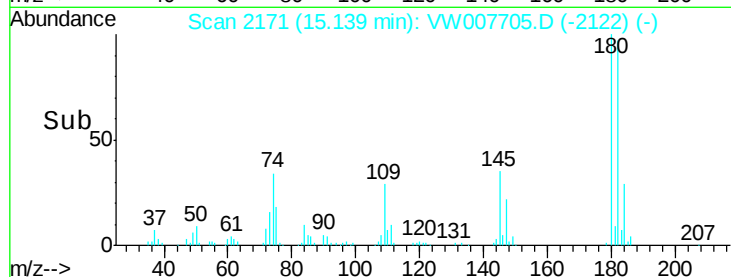
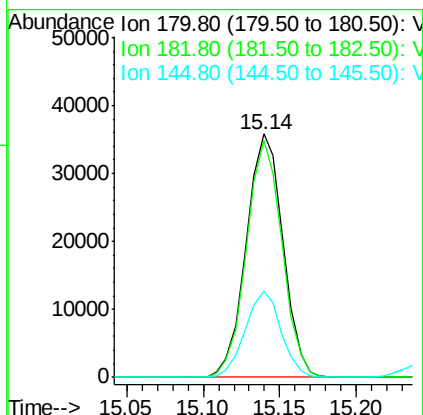
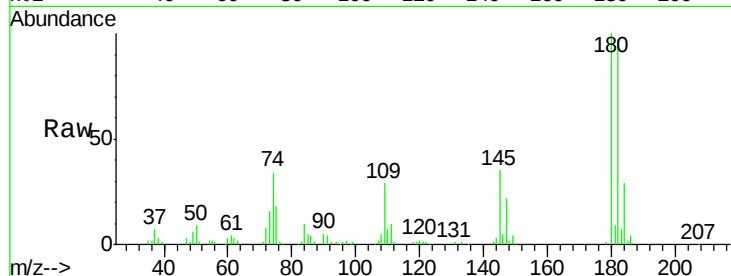




#93
1,2,4-Trichlorobenzene
Concen: 51.637 ug/l
RT: 15.14 min Scan# 2171
Delta R.T. -0.00 min
Lab File: VW007705.D
Acq: 19 Dec 2018 17:26

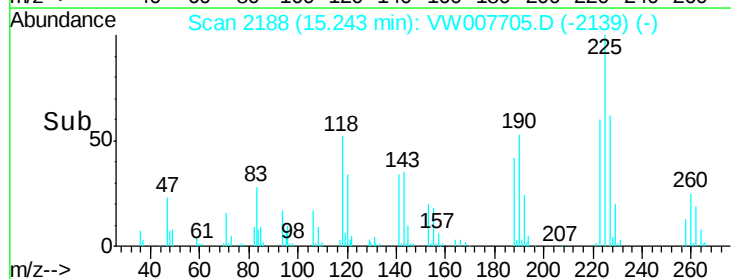
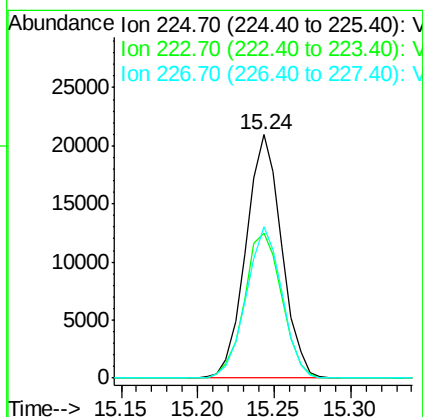
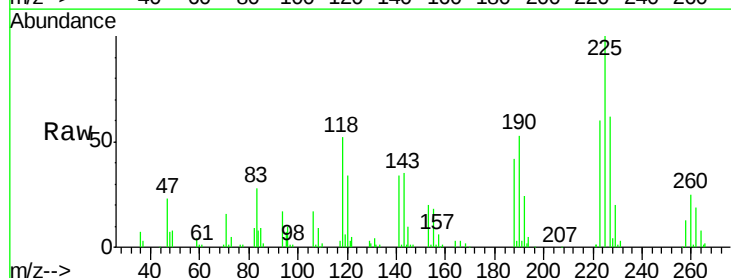
Instrument :
MSVOA_W
ClientSampleId :
ICVW122118

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



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

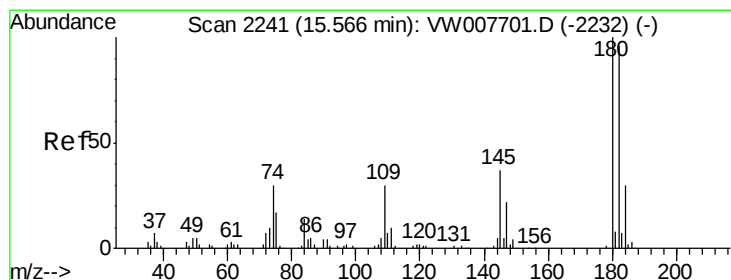
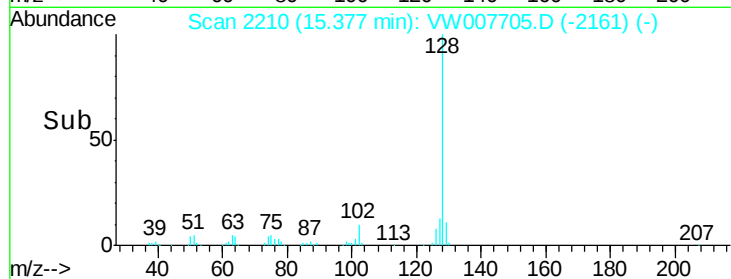
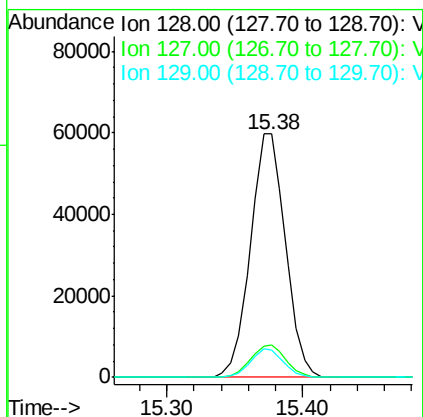
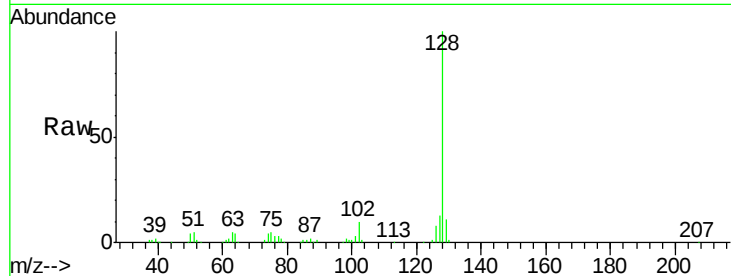




#95
Naphthalene
Concen: 50.361 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW007705.D
Acq: 19 Dec 2018 17:26

Instrument :
MSVOA_W
ClientSampleId :
ICVW122118

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



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

