

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW071618\
 Data File : VW003952.D
 Acq On : 16 Jul 2018 14:59
 Operator : VA/AP
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW071618

Quant Time: Jul 16 15:17:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 15:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	280775	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	441493	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	401630	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	210340	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	155584	49.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.14%	
35) Dibromofluoromethane	7.88	113	138505	48.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.78%	
50) Toluene-d8	10.33	98	552559	50.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.54%	
62) 4-Bromofluorobenzene	12.62	95	199206	50.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	72962	46.27	ug/l	95
3) Chloromethane	2.21	50	103704	49.97	ug/l	98
4) Vinyl Chloride	2.36	62	136487	47.81	ug/l	99
5) Bromomethane	2.77	94	86217	48.32	ug/l	97
6) Chloroethane	2.92	64	78949	48.68	ug/l	100
7) Trichlorofluoromethane	3.25	101	56006	46.73	ug/l	97
8) Diethyl Ether	3.67	74	68039	48.91	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.05	101	130801	47.30	ug/l	98
10) Methyl Iodide	4.26	142	191855	48.30	ug/l	100
11) Tert butyl alcohol	5.18	59	54733	252.62	ug/l	100
12) 1,1-Dichloroethene	4.03	96	133509	48.93	ug/l	97
13) Acrolein	3.89	56	50461	226.67	ug/l	97
14) Allyl chloride	4.65	41	219752	48.79	ug/l	98
15) Acrylonitrile	5.37	53	172067	241.38	ug/l	99
16) Acetone	4.12	43	217972	289.02	ug/l	95
17) Carbon Disulfide	4.37	76	413704	48.57	ug/l	99
18) Methyl Acetate	4.67	43	87756	48.47	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	258253	49.38	ug/l	99
20) Methylene Chloride	4.91	84	152256	44.93	ug/l	99
21) trans-1,2-Dichloroethene	5.41	96	145656	48.70	ug/l	97
22) Diisopropyl ether	6.31	45	451935	49.65	ug/l	99
23) Vinyl Acetate	6.26	43	1451004	251.58	ug/l	100
24) 1,1-Dichloroethane	6.21	63	266851	48.04	ug/l	100
25) 2-Butanone	7.18	43	252864	249.15	ug/l	100
26) 2,2-Dichloropropane	7.17	77	152379	47.79	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	154641	47.83	ug/l	99
28) Bromochloromethane	7.51	49	107223	47.17	ug/l	100
29) Tetrahydrofuran	7.53	42	155273	245.61	ug/l	100
30) Chloroform	7.68	83	266581	48.25	ug/l	99
31) Cyclohexane	7.95	56	238607	45.83	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	206346	47.83	ug/l	99
36) 1,1-Dichloropropene	8.08	75	218599	48.12	ug/l	100
37) Ethyl Acetate	7.26	43	107134	48.90	ug/l	99
38) Carbon Tetrachloride	8.07	117	203993	48.06	ug/l	97

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	254568	47.85	ug/l	98
40) Benzene	8.32	78	601422	47.72	ug/l	100
41) Methacrylonitrile	7.49	41	62688	51.64	ug/l	90
42) 1,2-Dichloroethane	8.40	62	182830	47.55	ug/l	99
43) Isopropyl Acetate	8.43	43	201340	49.13	ug/l	99
44) Trichloroethene	9.09	130	155133	47.49	ug/l	100
45) 1,2-Dichloropropane	9.37	63	154825	48.14	ug/l	98
46) Dibromomethane	9.46	93	80729	48.37	ug/l	99
47) Bromodichloromethane	9.65	83	196201	47.68	ug/l	100
48) Methyl methacrylate	9.44	41	98330	49.62	ug/l	98
49) 1,4-Dioxane	9.45	88	26151	1019.32	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	534455	244.81	ug/l	100
52) Toluene	10.39	92	379126	48.65	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	209882	48.78	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	237451	48.24	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	112062	47.74	ug/l	98
56) Ethyl methacrylate	10.65	69	151814	45.50	ug/l	97
57) 1,3-Dichloropropane	10.93	76	194784	47.76	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	360548	258.91	ug/l	100
59) 2-Hexanone	10.98	43	393621	255.81	ug/l	100
60) Dibromochloromethane	11.13	129	130431	47.71	ug/l	99
61) 1,2-Dibromoethane	11.24	107	108445	48.55	ug/l	99
64) Tetrachloroethene	10.87	164	126859	46.03	ug/l	98
65) Chlorobenzene	11.66	112	406576	47.61	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	143973	48.51	ug/l	100
67) Ethyl Benzene	11.74	91	733104	48.87	ug/l	100
68) m/p-Xylenes	11.85	106	559070	97.50	ug/l	100
69) o-Xylene	12.17	106	261314	49.13	ug/l	99
70) Styrene	12.18	104	441763	49.73	ug/l	100
71) Bromoform	12.35	173	80978	48.33	ug/l	99
73) Isopropylbenzene	12.47	105	714026	48.04	ug/l	100
74) N-amyl acetate	12.28	43	195414	50.46	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	136323	47.43	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	183991	88.11	ug/l #	100
77) Bromobenzene	12.75	156	168710	47.44	ug/l	100
78) n-propylbenzene	12.81	91	879789	48.25	ug/l	100
79) 2-Chlorotoluene	12.90	91	494677	48.10	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	602351	48.16	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	46260	49.00	ug/l	97
82) 4-Chlorotoluene	12.99	91	527659	47.81	ug/l	100
83) tert-Butylbenzene	13.21	119	512306	48.79	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	625042	48.57	ug/l	99
85) sec-Butylbenzene	13.39	105	748249	48.02	ug/l	99
86) p-Isopropyltoluene	13.51	119	660635	48.34	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	330997	46.60	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	331817	46.58	ug/l	99
89) n-Butylbenzene	13.84	91	645860	48.07	ug/l	99
90) Hexachloroethane	14.10	117	120149	47.69	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	298129	47.11	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	23844	46.65	ug/l	97

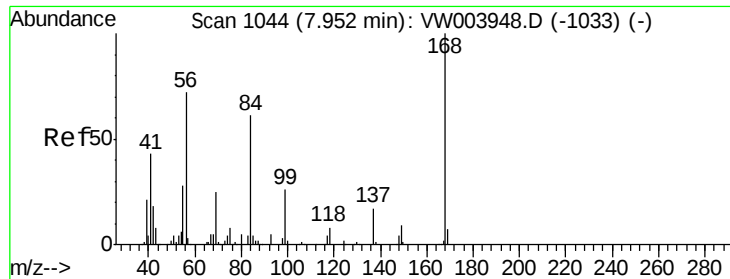
Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW071618\
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Quant Title : SW846 8260
QLast Update : Mon Jul 16 15:06:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	213682	48.07	ug/l	99
94) Hexachlorobutadiene	15.25	225	120769	47.32	ug/l	99
95) Naphthalene	15.38	128	411473	50.16	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	189248	48.09	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003952.D

Acq: 16 Jul 2018 14:59

Instrument :

MSVOA_W

ClientSampleId :

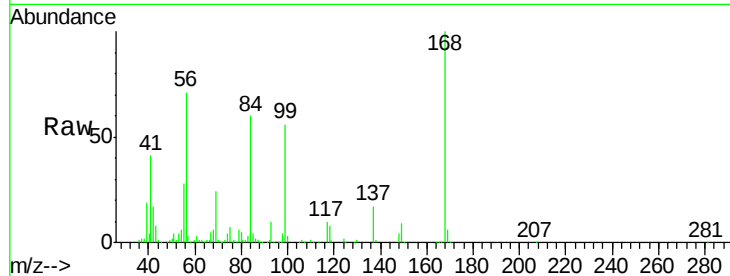
ICVW071618

Tot Ion:168 Resp: 280775

Ion Ratio Lower Upper

168 100

99 55.7 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60):

Ion 98.90 (98.60 to 99.60): VW

7.95

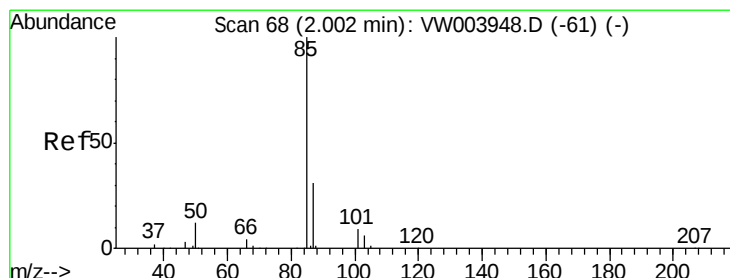
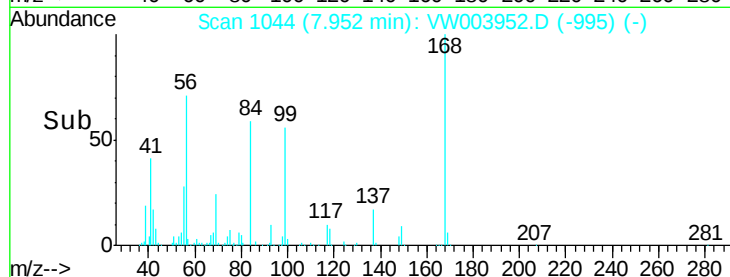
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 46.27 ug/l

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW003952.D

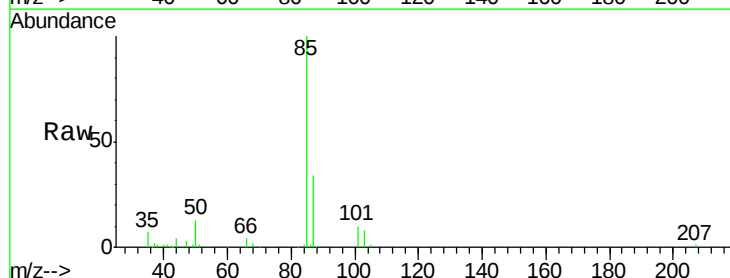
Acq: 16 Jul 2018 14:59

Tgt Ion: 85 Resp: 72962

Ion Ratio Lower Upper

85 100

87 33.6 15.4 46.2



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

25000

20000

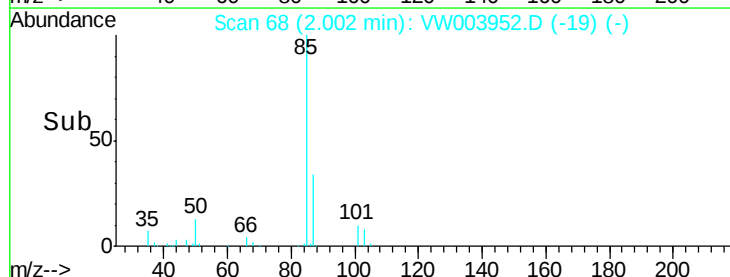
15000

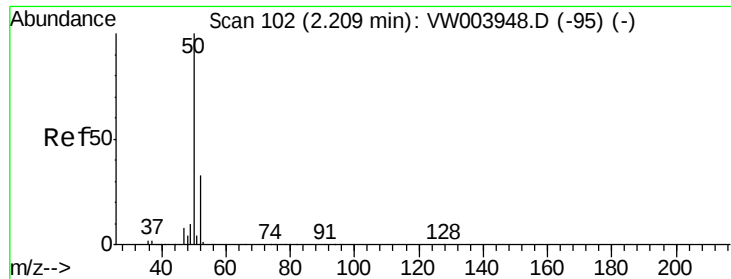
10000

5000

0

Time-->





#3

Chloromethane

Concen: 49.97 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW003952.D

Acq: 16 Jul 2018 14:59

Instrument :

MSVOA_W

ClientSampleId :

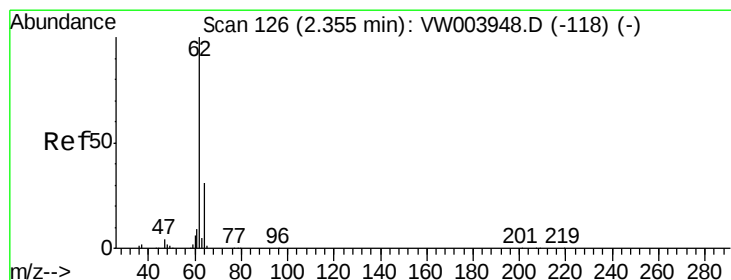
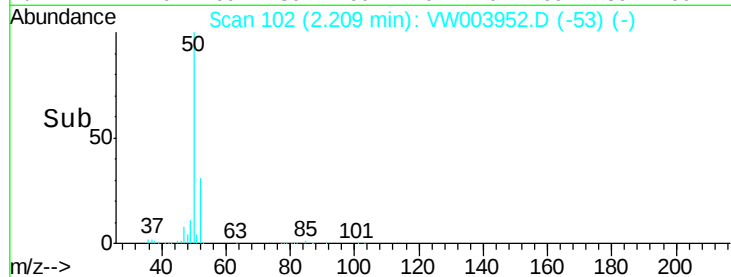
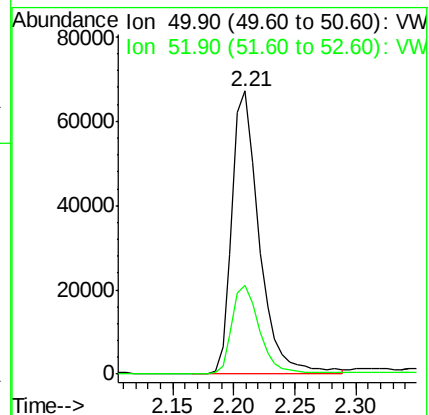
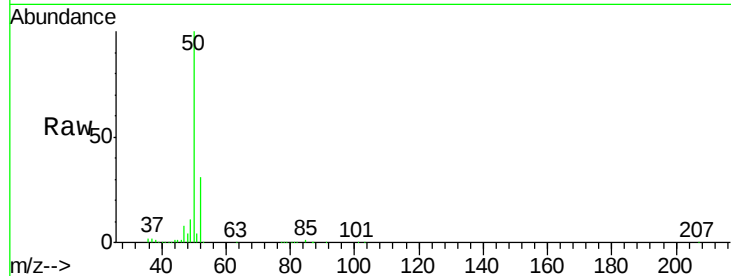
ICVW071618

Tot Ion: 50 Resp: 103704

Ion Ratio Lower Upper

50 100

52 31.5 26.3 39.5



#4

Vinyl Chloride

Concen: 47.81 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW003952.D

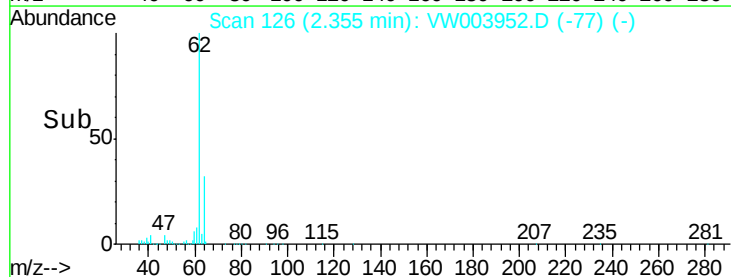
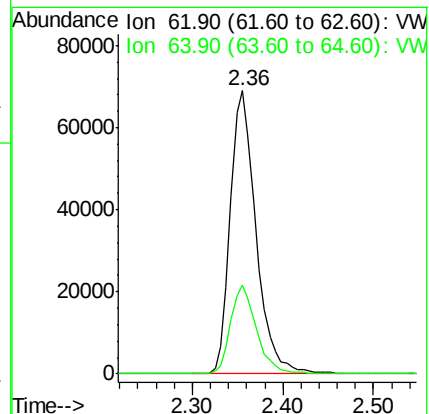
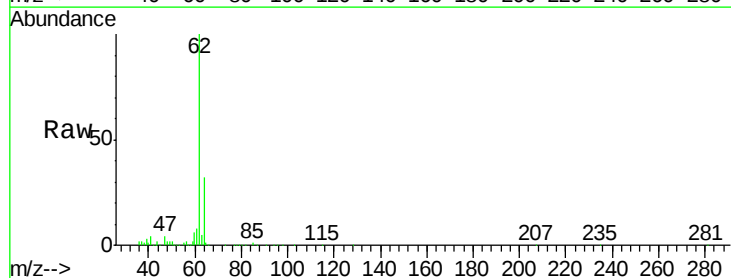
Acq: 16 Jul 2018 14:59

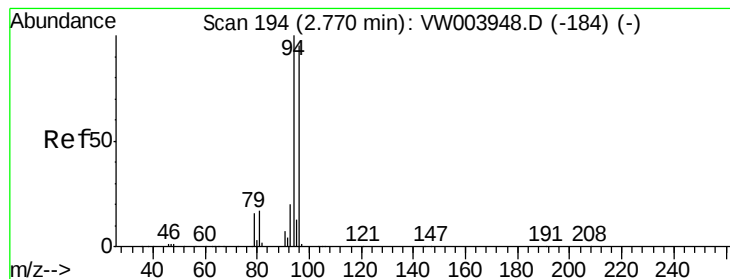
Tgt Ion: 62 Resp: 136487

Ion Ratio Lower Upper

62 100

64 31.6 25.0 37.6





#5

Bromomethane

Concen: 48.32 ug/l

RT: 2.77 min Scan# 194

Delta R.T. 0.00 min

Lab File: VW003952.D

Acq: 16 Jul 2018 14:59

Instrument :

MSVOA_W

ClientSampleId :

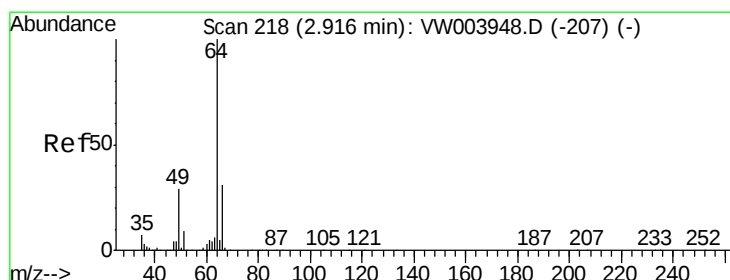
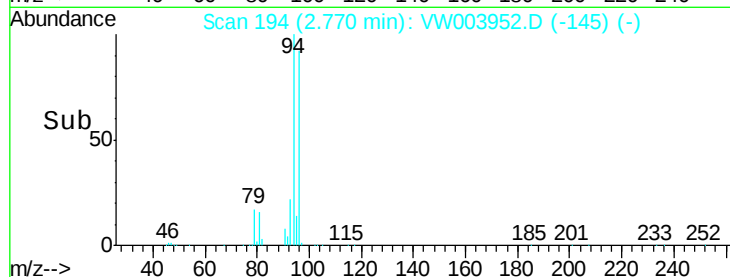
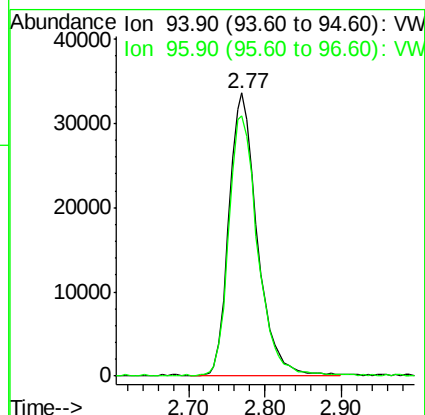
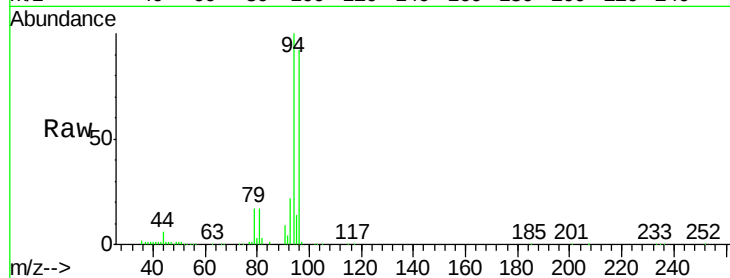
ICVW071618

Tot Ion: 94 Resp: 86217

Ion Ratio Lower Upper

94 100

96 91.6 75.8 113.6



#6

Chloroethane

Concen: 48.68 ug/l

RT: 2.92 min Scan# 218

Delta R.T. 0.00 min

Lab File: VW003952.D

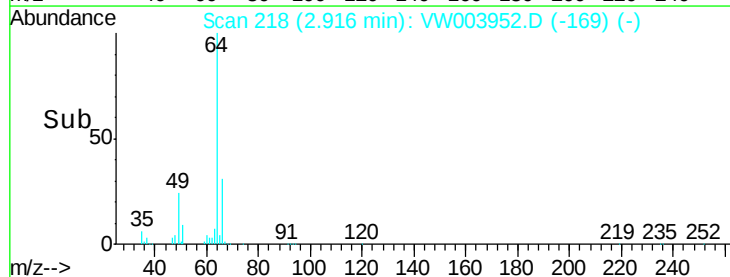
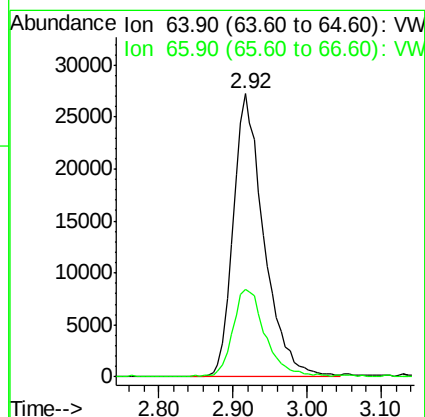
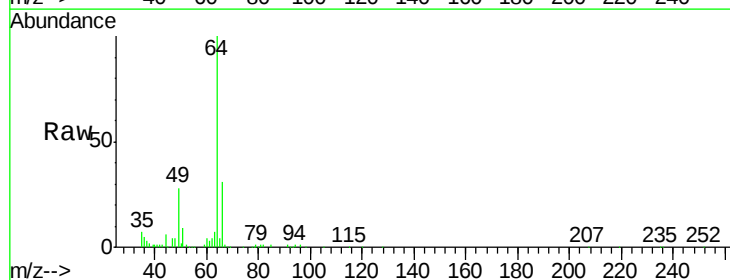
Acq: 16 Jul 2018 14:59

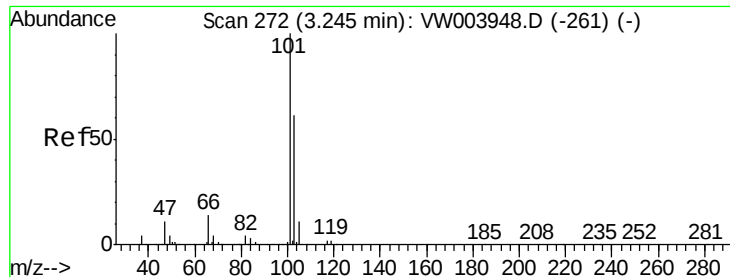
Tgt Ion: 64 Resp: 78949

Ion Ratio Lower Upper

64 100

66 30.8 24.5 36.7



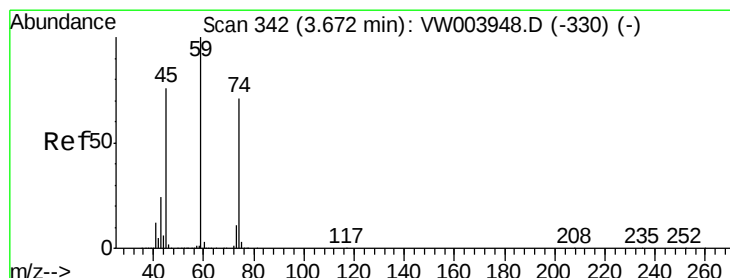
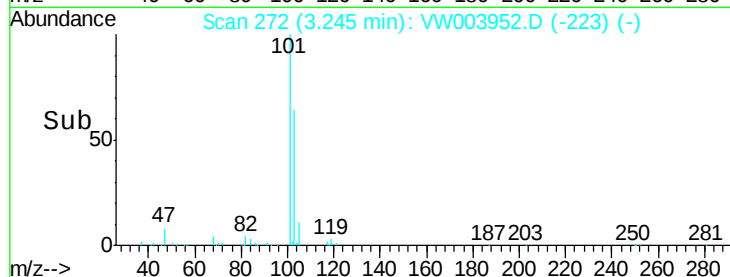
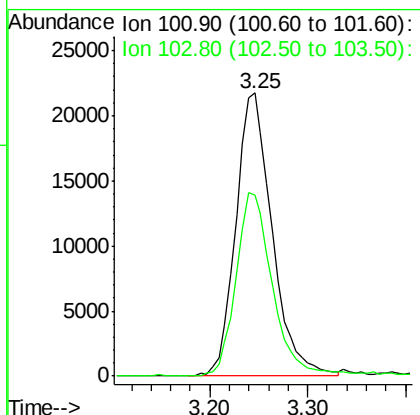
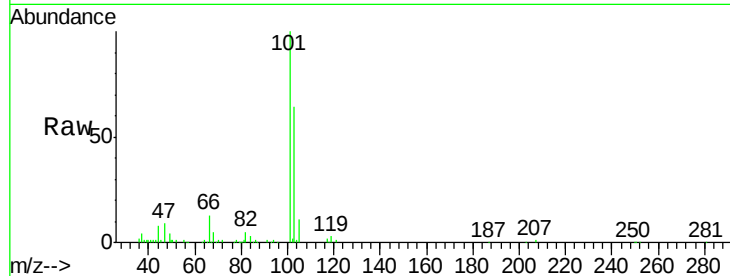


#7

Trichlorofluoromethane
 Concen: 46.73 ug/l
 RT: 3.25 min Scan# 272
 Delta R.T. 0.00 min
 Lab File: VW003952.D
 Acq: 16 Jul 2018 14:59

Instrument :
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 ICVVW071618

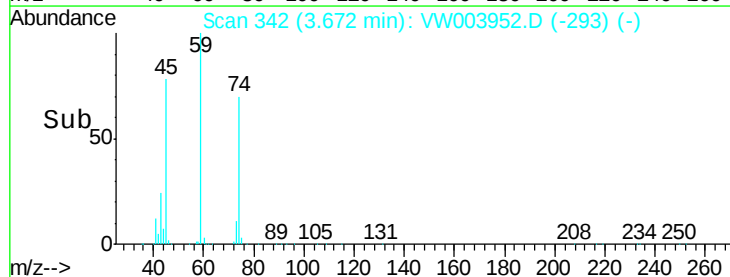
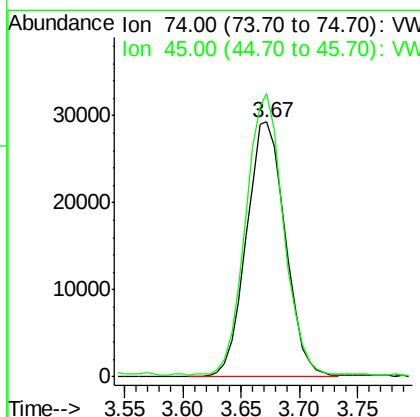
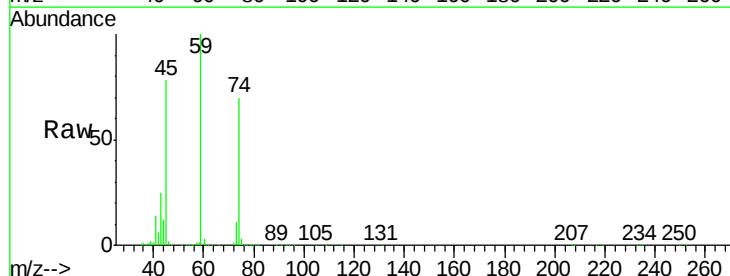
Tot Ion:101 Resp: 56006
 Ion Ratio Lower Upper
 101 100
 103 63.8 49.0 73.6

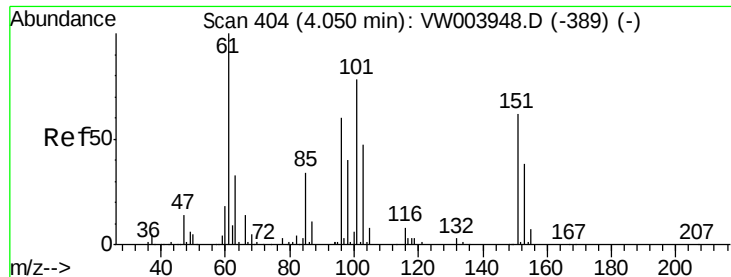


#8

Diethyl Ether
 Concen: 48.91 ug/l
 RT: 3.67 min Scan# 342
 Delta R.T. 0.00 min
 Lab File: VW003952.D
 Acq: 16 Jul 2018 14:59

Tgt Ion: 74 Resp: 68039
 Ion Ratio Lower Upper
 74 100
 45 107.4 53.8 161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.30 ug/l

RT: 4.05 min Scan# 404

Delta R.T. 0.00 min

Lab File: VW003952.D

Acq: 16 Jul 2018 14:59

Instrument :

MSVOA_W

ClientSampleId :

ICVW071618

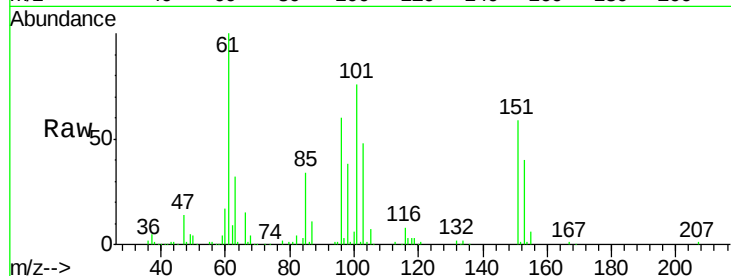
Tot Ion:101 Resp: 130801

Ion Ratio Lower Upper

101 100

85 44.0 35.8 53.6

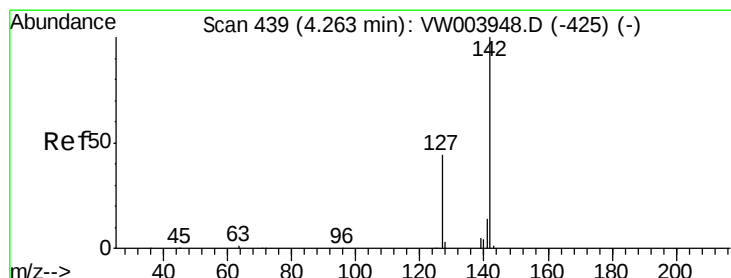
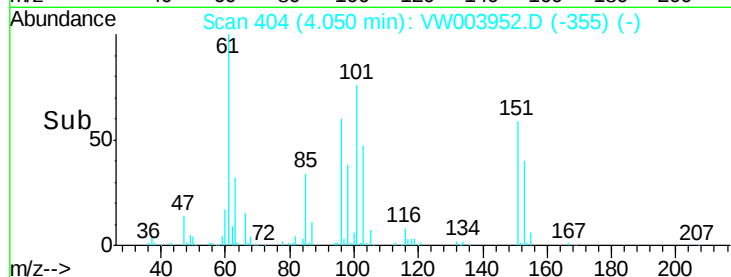
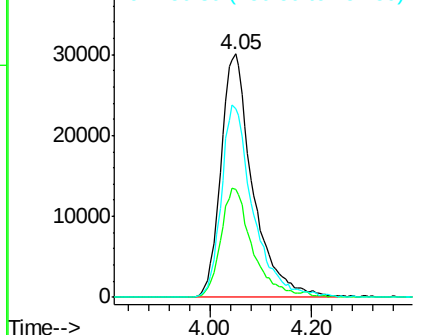
151 77.9 63.6 95.4



Abundance Ion 100.90 (100.60 to 101.60):

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50):



#10

Methyl Iodide

Concen: 48.30 ug/l

RT: 4.26 min Scan# 438

Delta R.T. -0.01 min

Lab File: VW003952.D

Acq: 16 Jul 2018 14:59

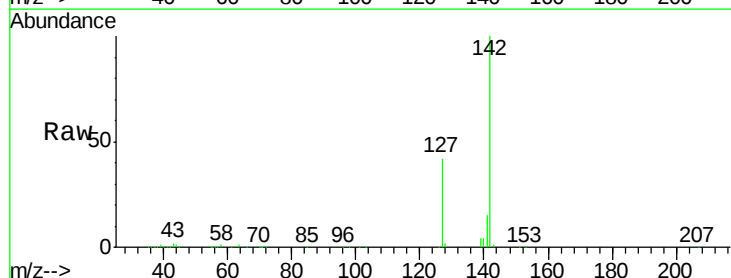
Tgt Ion:142 Resp: 191855

Ion Ratio Lower Upper

142 100

127 44.4 35.4 53.2

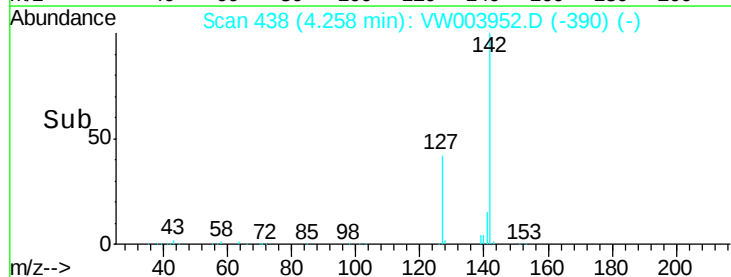
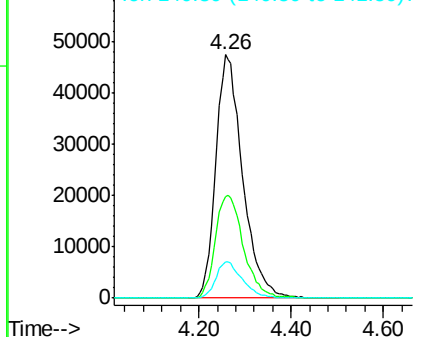
141 14.7 11.7 17.5

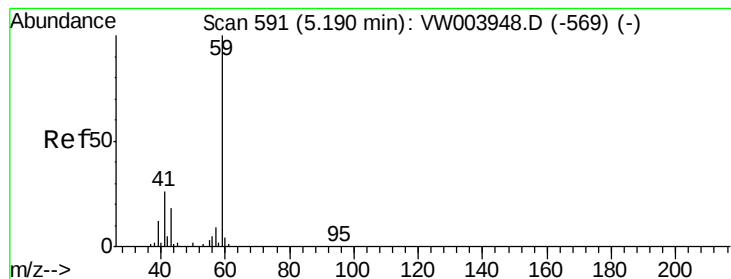


Abundance Ion 141.80 (141.50 to 142.50):

Ion 126.80 (126.50 to 127.50):

Ion 140.80 (140.50 to 141.50):



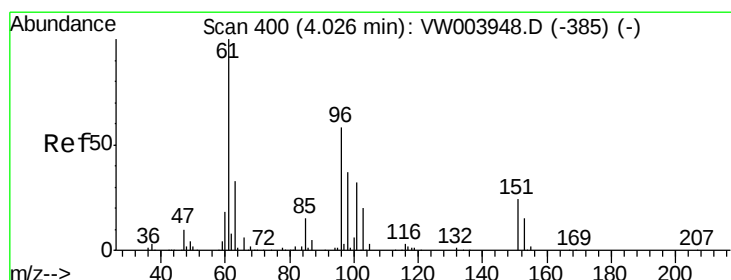
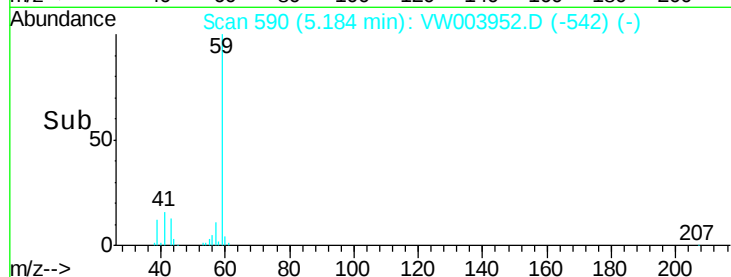
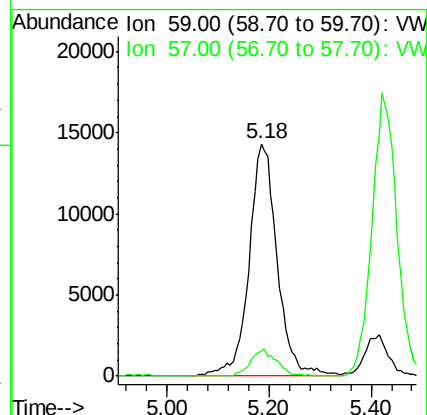
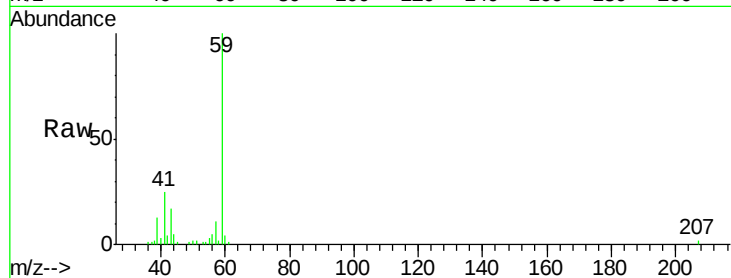


#11

Tert butyl alcohol
 Concen: 252.62 ug/l
 RT: 5.18 min Scan# 590
 Delta R.T. -0.01 min
 Lab File: VW003952.D
 Acq: 16 Jul 2018 14:59

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW071618

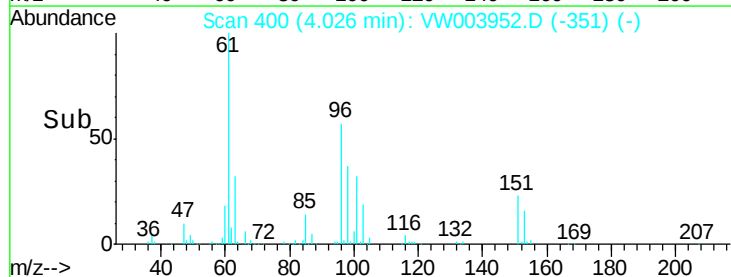
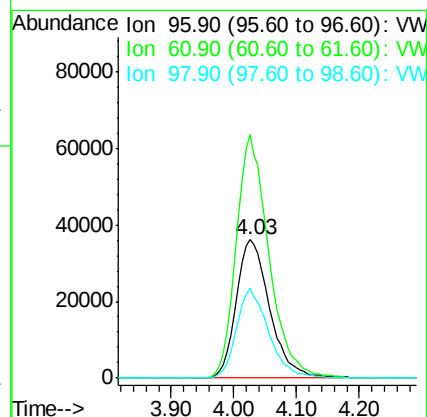
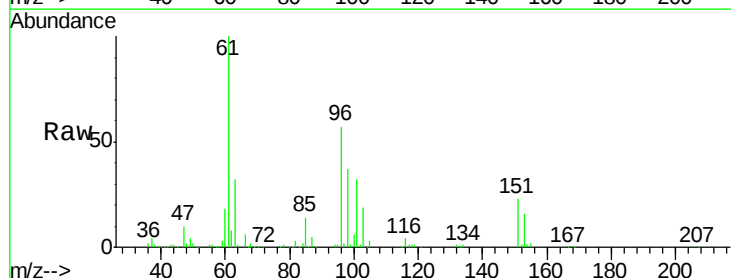
Tot Ion: 59 Resp: 54733
 Ion Ratio Lower Upper
 59 100
 57 10.8 8.5 12.7

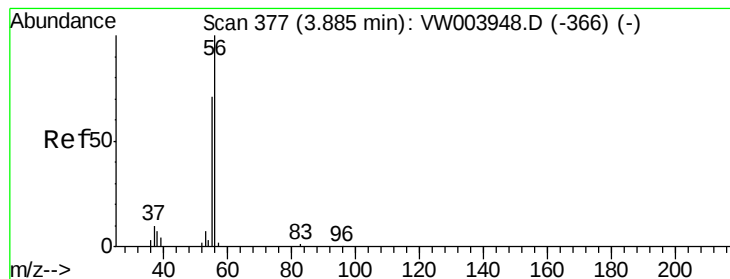


#12

1,1-Dichloroethene
 Concen: 48.93 ug/l
 RT: 4.03 min Scan# 400
 Delta R.T. 0.00 min
 Lab File: VW003952.D
 Acq: 16 Jul 2018 14:59

Tgt Ion: 96 Resp: 133509
 Ion Ratio Lower Upper
 96 100
 61 175.9 137.0 205.6
 98 65.1 50.2 75.4





#13

Acrolein

Concen: 226.67 ug/l

RT: 3.89 min Scan# 377

Delta R.T. 0.00 min

Lab File: VW003952.D

Acq: 16 Jul 2018 14:59

Instrument :

MSVOA_W

ClientSampleId :

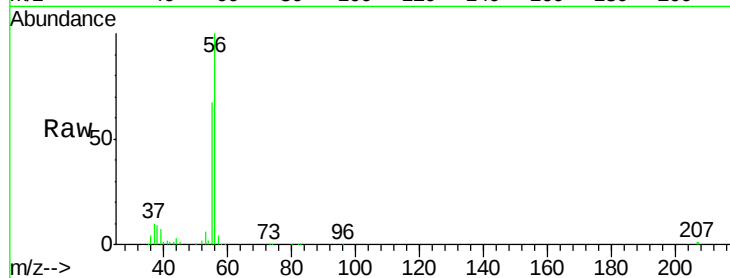
ICVW071618

Tot Ion: 56 Resp: 50461

Ion Ratio Lower Upper

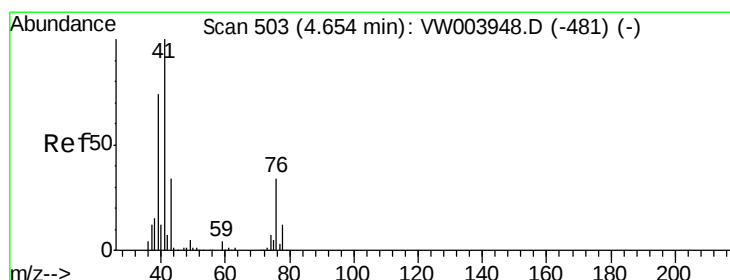
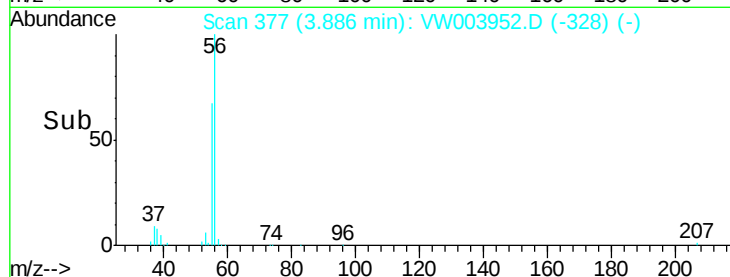
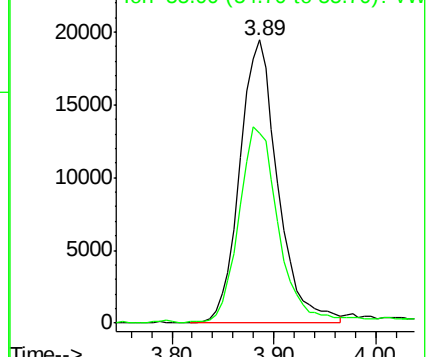
56 100

55 70.5 58.2 87.4



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 48.79 ug/l

RT: 4.65 min Scan# 503

Delta R.T. 0.00 min

Lab File: VW003952.D

Acq: 16 Jul 2018 14:59

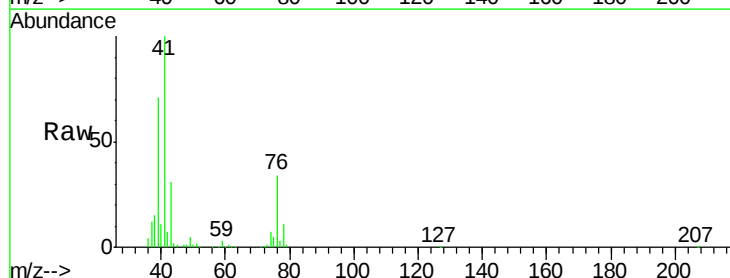
Tgt Ion: 41 Resp: 219752

Ion Ratio Lower Upper

41 100

39 69.6 57.0 85.4

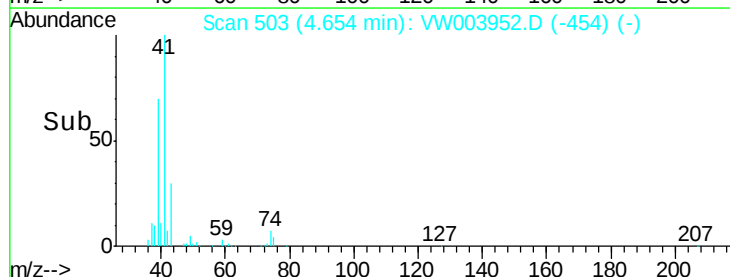
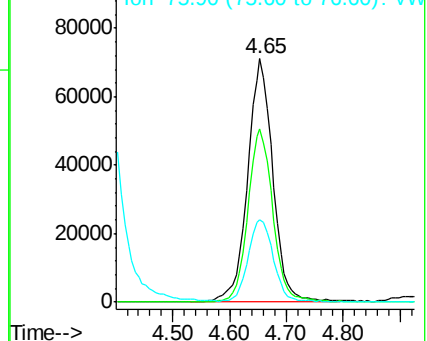
76 34.3 26.5 39.7

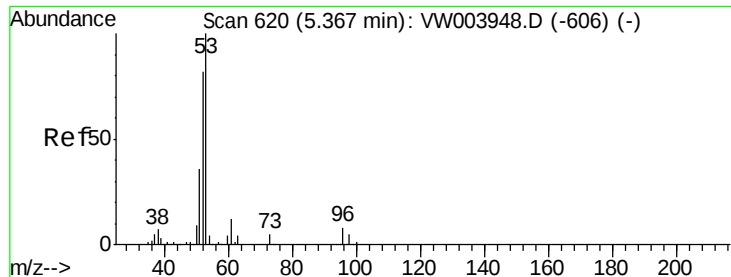


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 241.38 ug/l

RT: 5.37 min Scan# 620

Delta R.T. 0.00 min

Lab File: VW003952.D

Acq: 16 Jul 2018 14:59

Instrument :

MSVOA_W

ClientSampleId :

ICVW071618

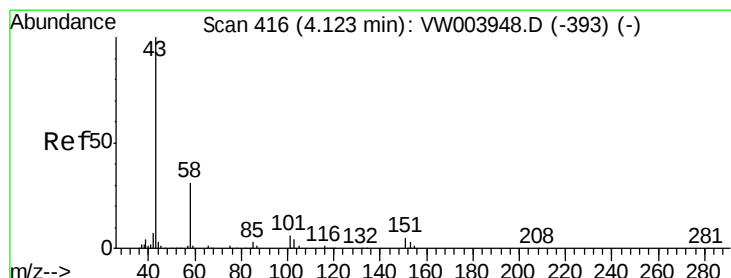
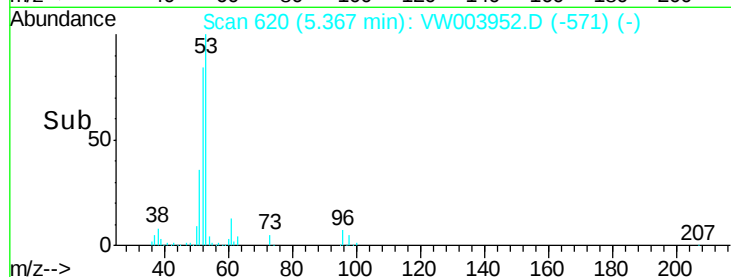
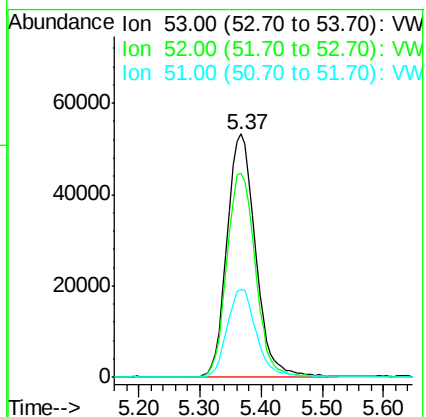
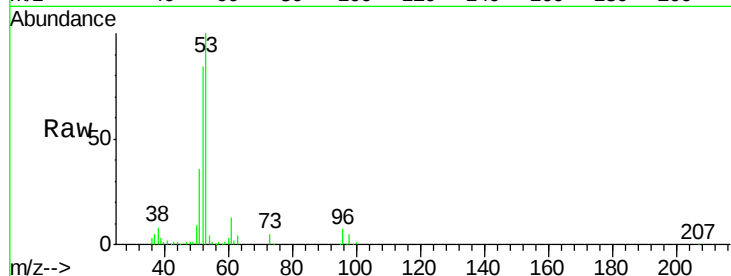
Tot Ion: 53 Resp: 172067

Ion Ratio Lower Upper

53 100

52 83.4 66.1 99.1

51 37.1 29.8 44.6



#16

Acetone

Concen: 289.02 ug/l

RT: 4.12 min Scan# 415

Delta R.T. -0.01 min

Lab File: VW003952.D

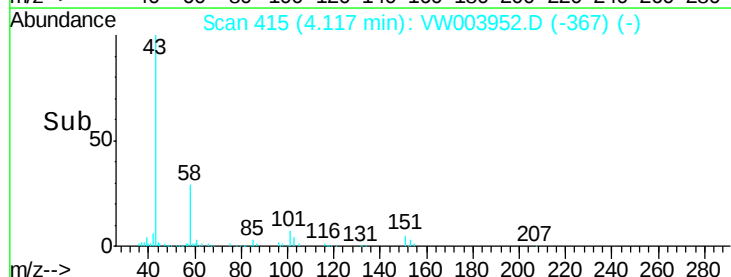
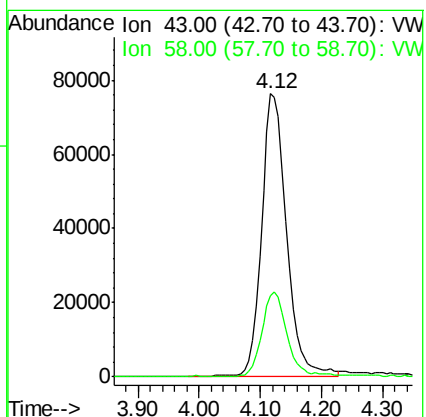
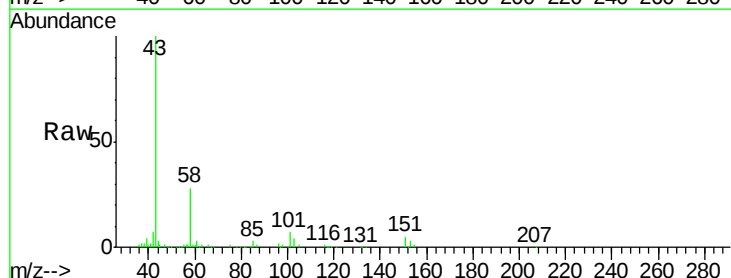
Acq: 16 Jul 2018 14:59

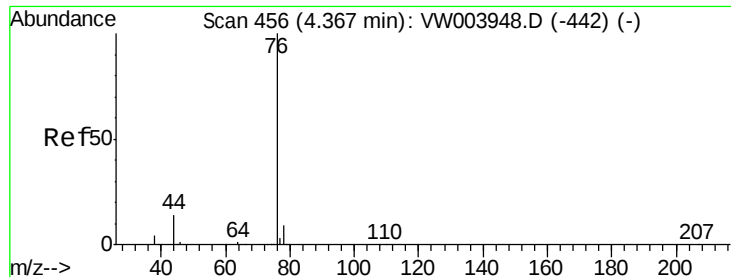
Tgt Ion: 43 Resp: 217972

Ion Ratio Lower Upper

43 100

58 28.1 24.5 36.7

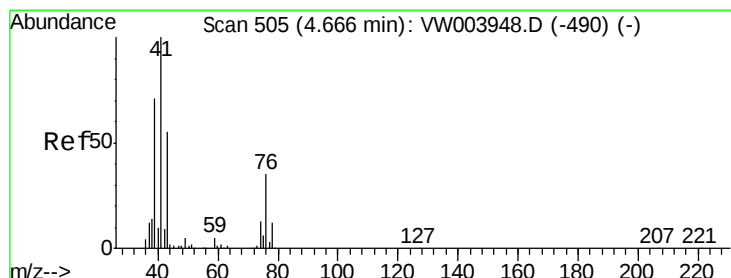
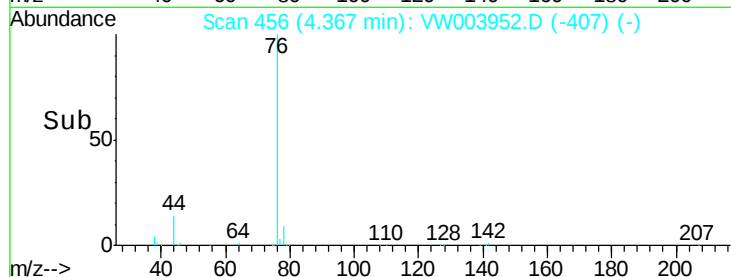
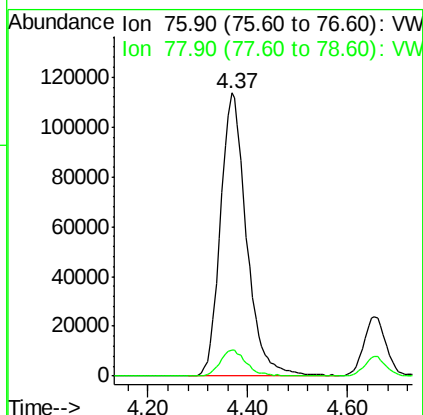
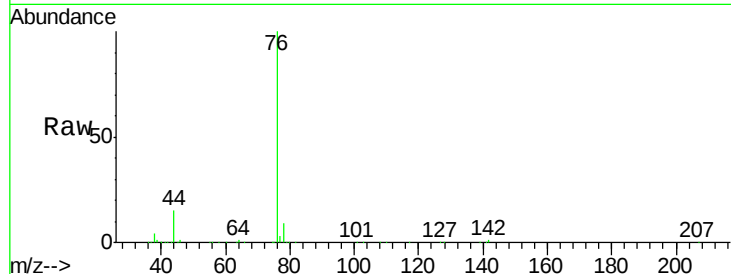




#17
Carbon Disulfide
Concen: 48.57 ug/l
RT: 4.37 min Scan# 456
Delta R.T. 0.00 min
Lab File: VW003952.D
Acq: 16 Jul 2018 14:59

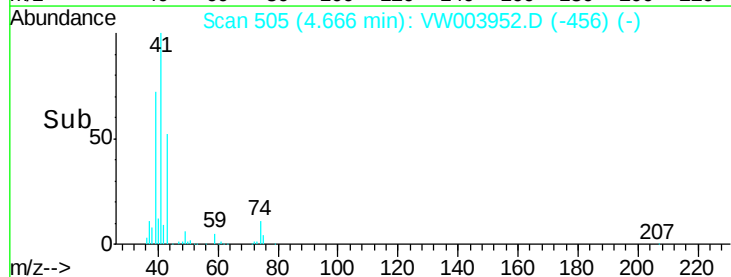
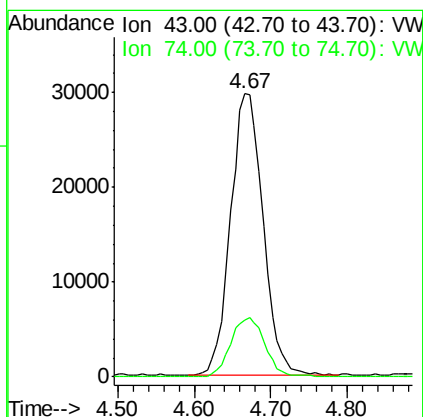
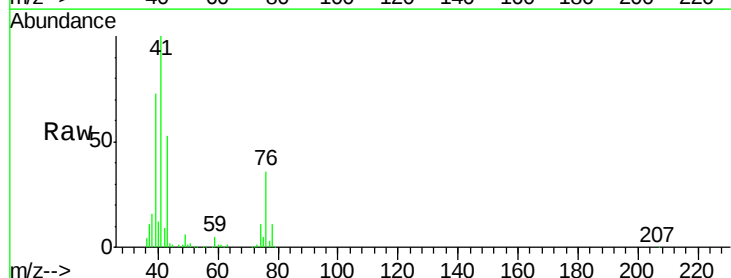
Instrument :
MSVOA_W
ClientSampleId :
ICVW071618

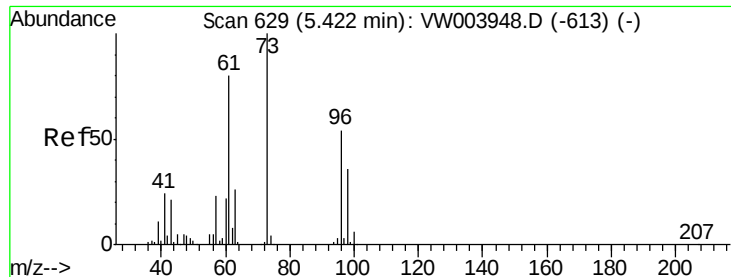
Tot Ion: 76 Resp: 413704
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7



#18
Methyl Acetate
Concen: 48.47 ug/l
RT: 4.67 min Scan# 505
Delta R.T. 0.00 min
Lab File: VW003952.D
Acq: 16 Jul 2018 14:59

Tgt Ion: 43 Resp: 87756
Ion Ratio Lower Upper
43 100
74 22.2 17.7 26.5

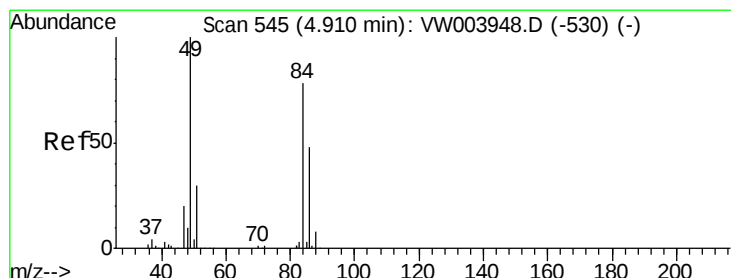
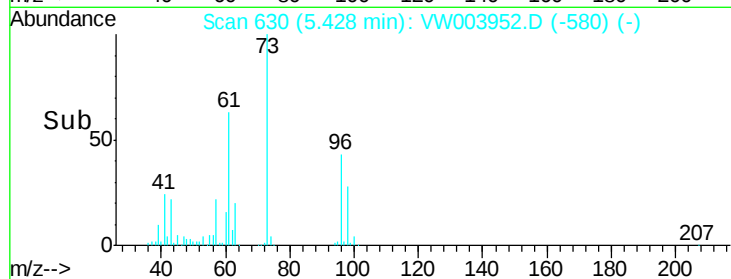
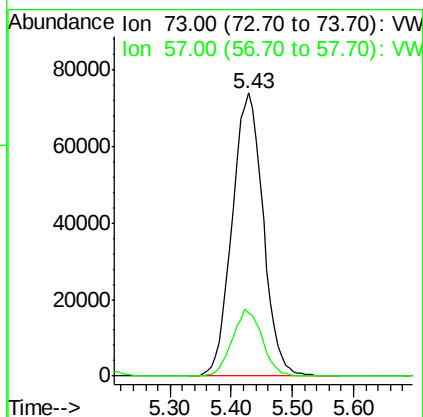
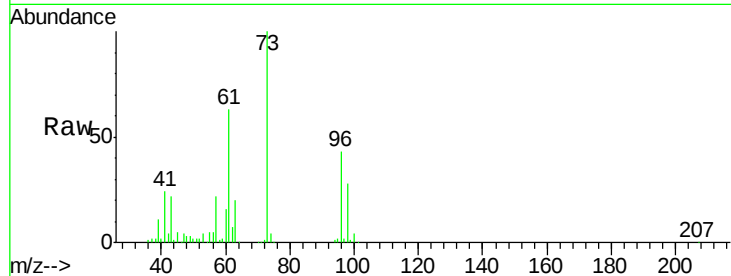




#19
Methvl tert-butvl Ether
Concen: 49.38 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.01 min
Lab File: VW003952.D
Acq: 16 Jul 2018 14:59

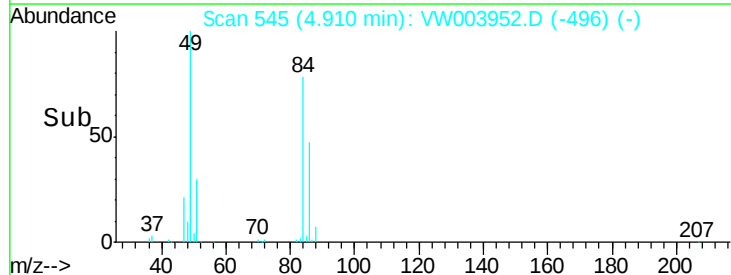
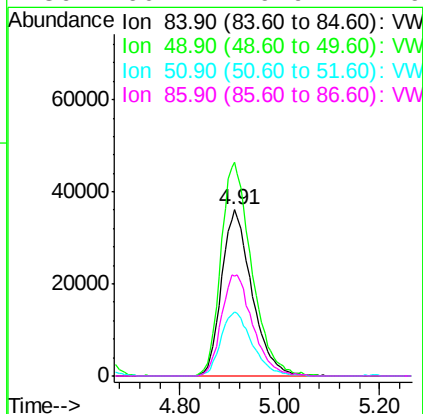
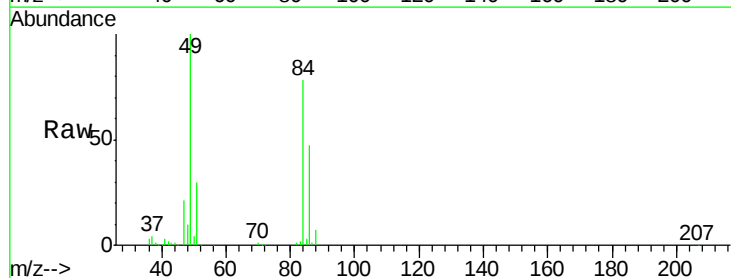
Instrument :
MSVOA_W
ClientSampleId :
ICVW071618

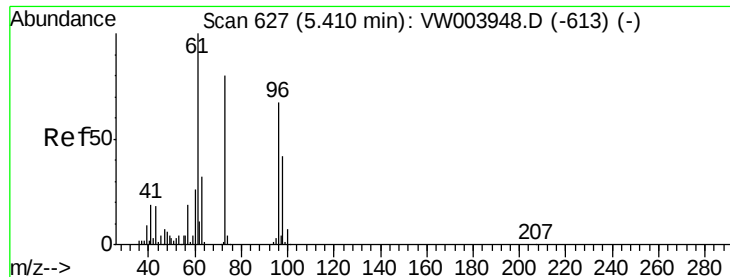
Tot Ion: 73 Resp: 258253
Ion Ratio Lower Upper
73 100
57 22.3 18.2 27.4



#20
Methylene Chloride
Concen: 44.93 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003952.D
Acq: 16 Jul 2018 14:59

Tgt Ion: 84 Resp: 152256
Ion Ratio Lower Upper
84 100
49 128.4 102.9 154.3
51 38.5 30.9 46.3
86 60.4 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 48.70 ug/l

RT: 5.41 min Scan# 627

Delta R.T. 0.00 min

Lab File: VW003952.D

Acq: 16 Jul 2018 14:59

Instrument :

MSVOA_W

ClientSampleId :

ICVW071618

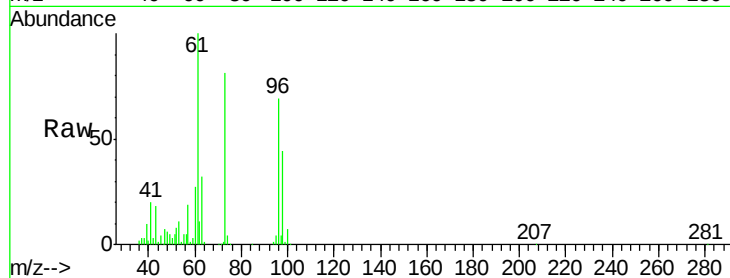
Tot Ion: 96 Resp: 145656

Ion Ratio Lower Upper

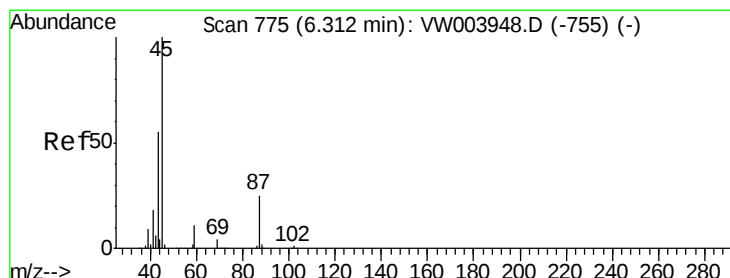
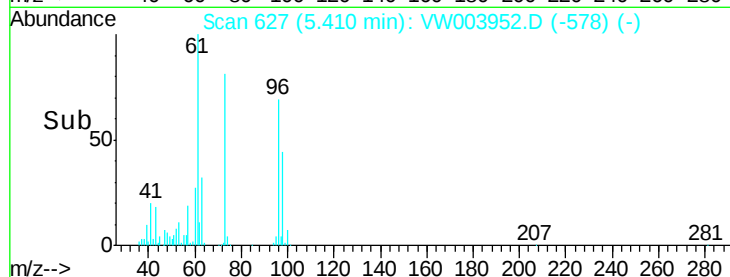
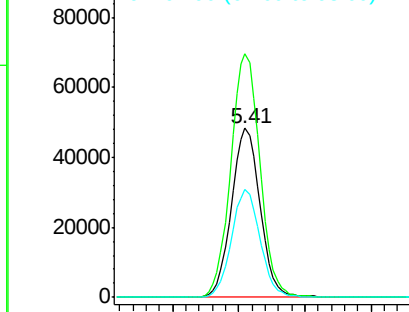
96 100

61 144.1 119.0 178.4

98 63.8 49.9 74.9



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



#22

Diisopropyl ether

Concen: 49.65 ug/l

RT: 6.31 min Scan# 775

Delta R.T. 0.00 min

Lab File: VW003952.D

Acq: 16 Jul 2018 14:59

Tgt Ion: 45 Resp: 451935

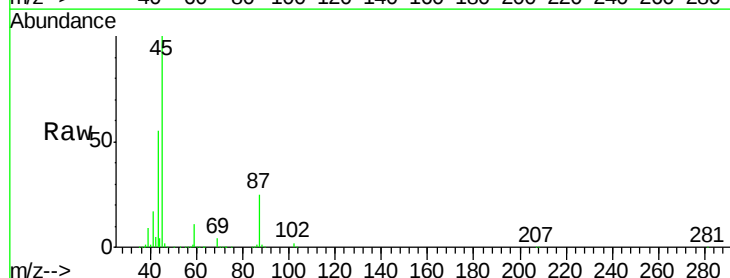
Ion Ratio Lower Upper

45 100

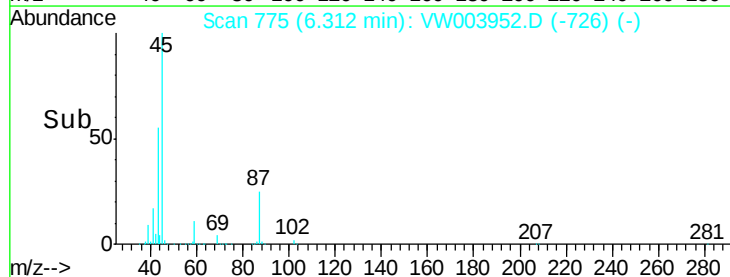
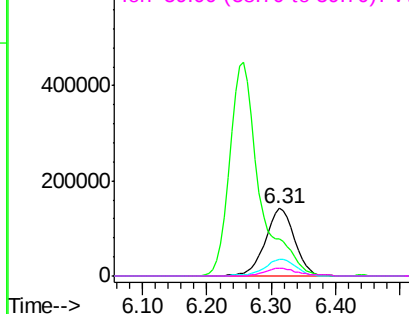
43 54.8 44.3 66.5

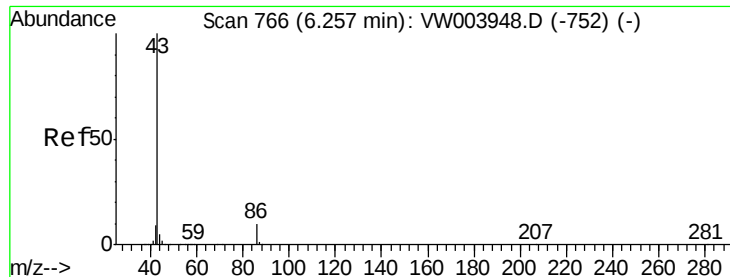
87 25.2 20.2 30.4

59 11.0 9.0 13.4



Abundance Ion 45.00 (44.70 to 45.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 87.00 (86.70 to 87.70): VW
Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 251.58 ug/l

RT: 6.26 min Scan# 766

Delta R.T. 0.00 min

Lab File: VW003952.D

Acq: 16 Jul 2018 14:59

Instrument :

MSVOA_W

ClientSampleId :

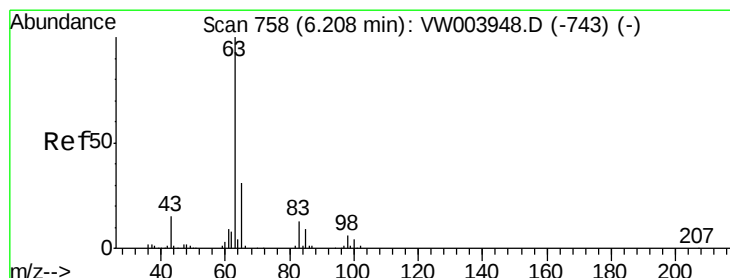
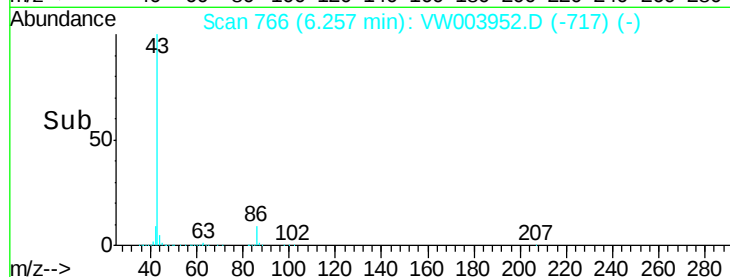
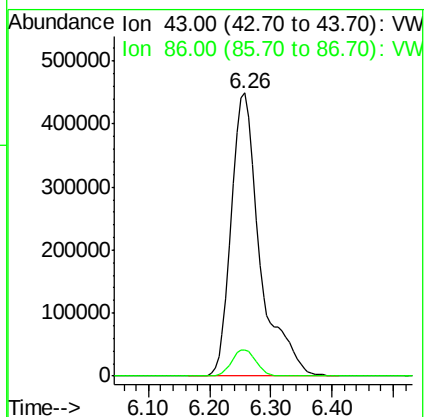
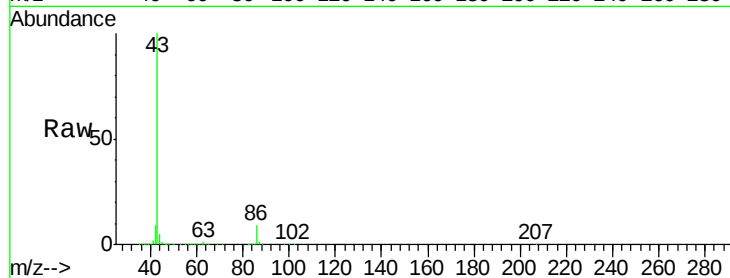
ICVW071618

Tot Ion: 43 Resp: 1451004

Ion Ratio Lower Upper

43 100

86 9.3 7.6 11.4



#24

1,1-Dichloroethane

Concen: 48.04 ug/l

RT: 6.21 min Scan# 758

Delta R.T. 0.00 min

Lab File: VW003952.D

Acq: 16 Jul 2018 14:59

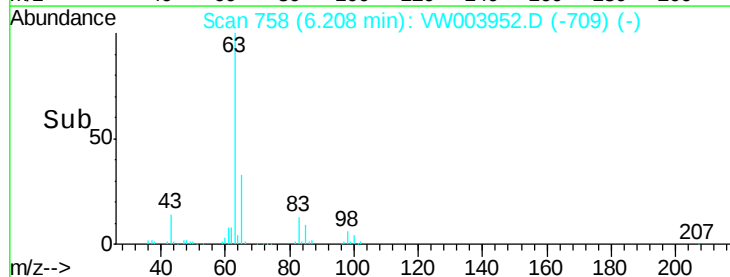
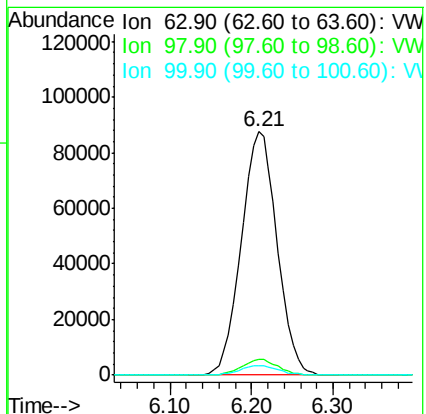
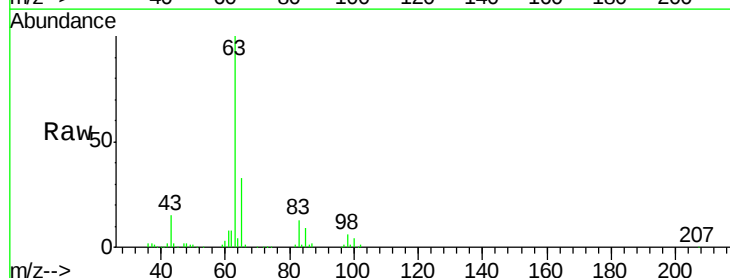
Tgt Ion: 63 Resp: 266851

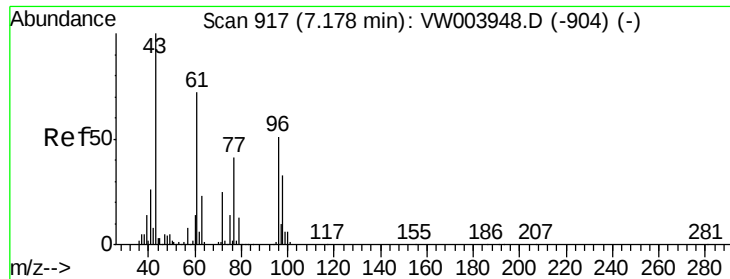
Ion Ratio Lower Upper

63 100

98 6.3 3.1 9.4

100 4.0 2.1 6.5





#25

2-Butanone

Concen: 249.15 ug/l

RT: 7.18 min Scan# 917

Delta R.T. 0.00 min

Lab File: VW003952.D

Acq: 16 Jul 2018 14:59

Instrument :

MSVOA_W

ClientSampled :

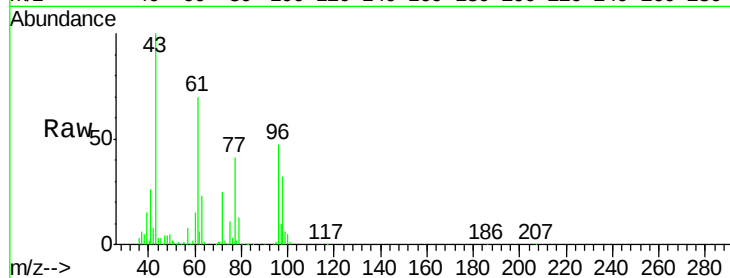
ICVW071618

Tot Ion: 43 Resp: 252864

Ion Ratio Lower Upper

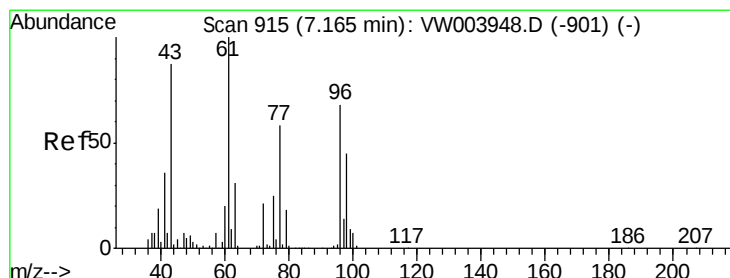
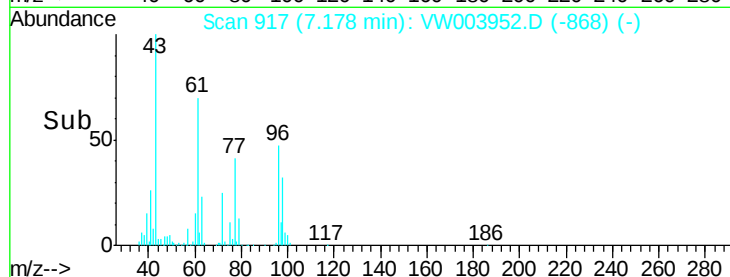
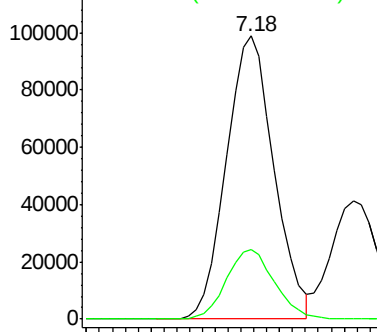
43 100

72 24.7 19.8 29.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 47.79 ug/l

RT: 7.17 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW003952.D

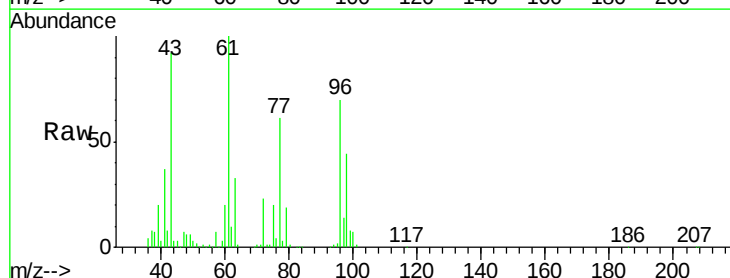
Acq: 16 Jul 2018 14:59

Tgt Ion: 77 Resp: 152379

Ion Ratio Lower Upper

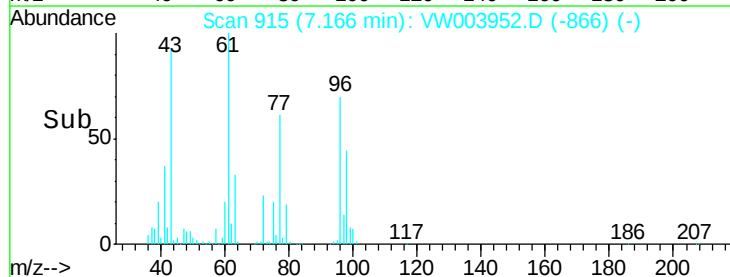
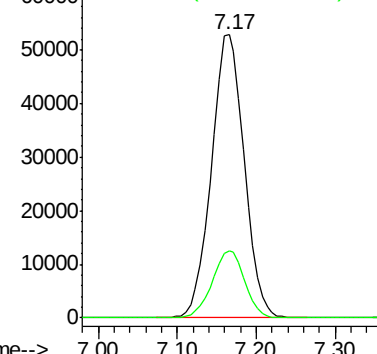
77 100

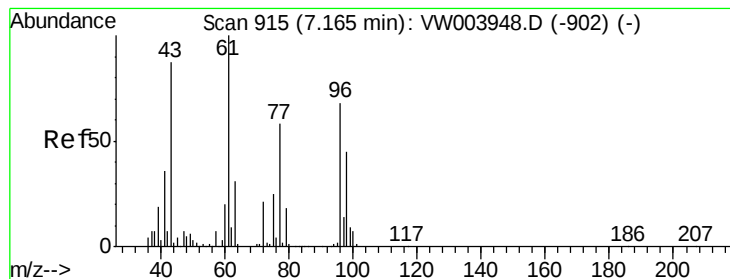
97 23.5 11.8 35.3



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW





#27

cis-1,2-Dichloroethene

Concen: 47.83 ug/l

RT: 7.17 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW003952.D

Acq: 16 Jul 2018 14:59

Instrument :

MSVOA_W

ClientSampleId :

ICVW071618

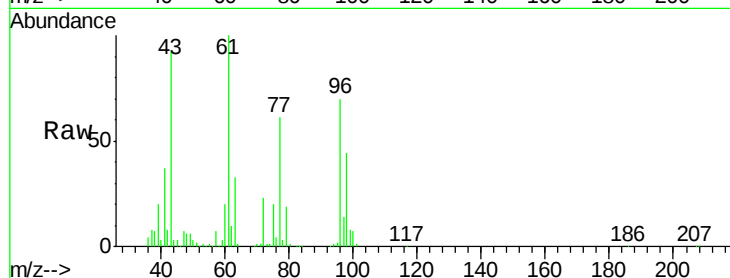
Tot Ion: 96 Resp: 154641

Ion Ratio Lower Upper

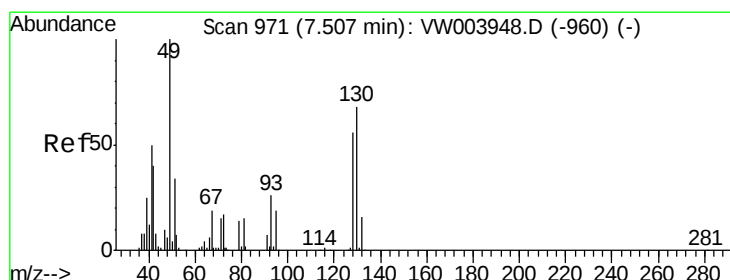
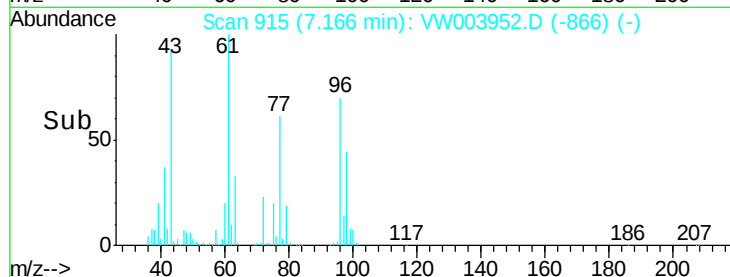
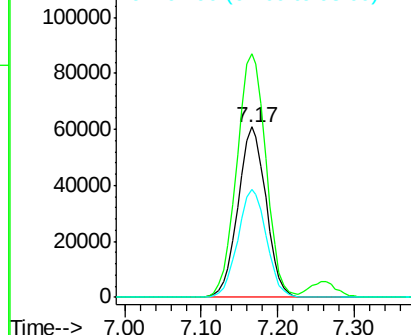
96 100

61 148.6 0.0 298.6

98 64.3 0.0 130.4



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: 47.17 ug/l

RT: 7.51 min Scan# 972

Delta R.T. 0.01 min

Lab File: VW003952.D

Acq: 16 Jul 2018 14:59

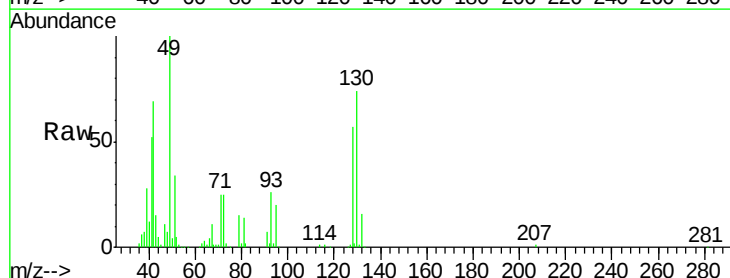
Tgt Ion: 49 Resp: 107223

Ion Ratio Lower Upper

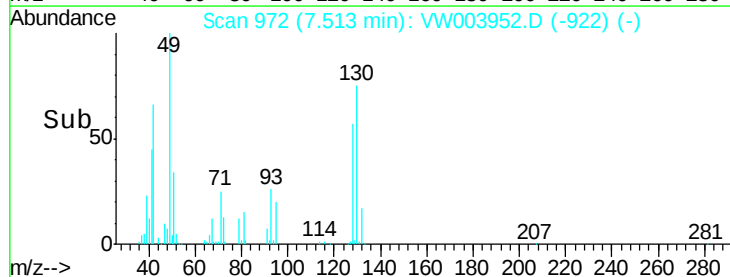
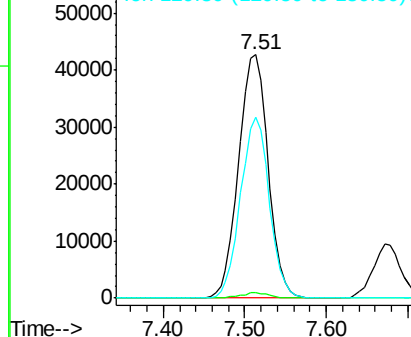
49 100

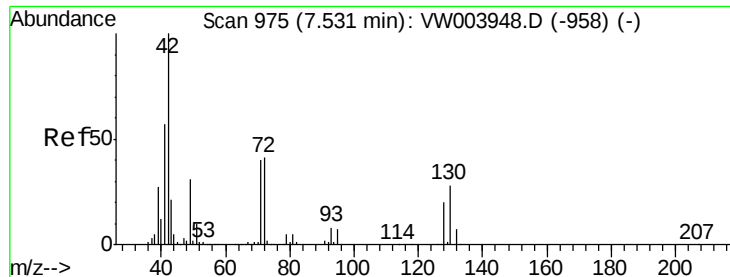
129 2.1 0.0 2.2

130 72.5 58.3 87.5



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

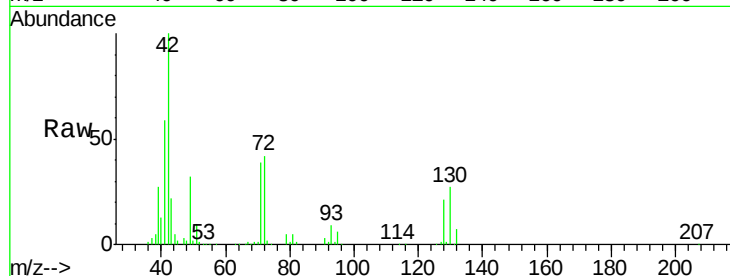




#29
Tetrahydrofuran
Concen: 245.61 ug/l
RT: 7.53 min Scan# 975
Delta R.T. 0.00 min
Lab File: VW003952.D
Acq: 16 Jul 2018 14:59

Instrument :
MSVOA_W
ClientSampleId :
ICVW071618

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.0	32.6	48.8
71	38.3	30.5	45.7

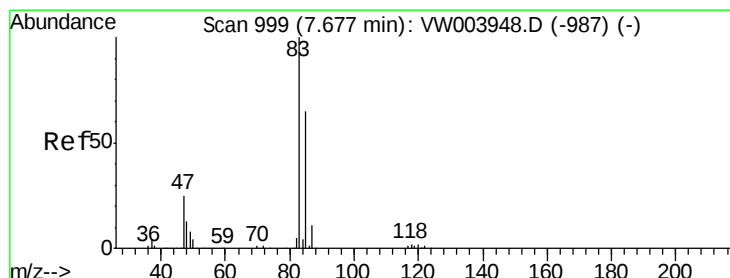
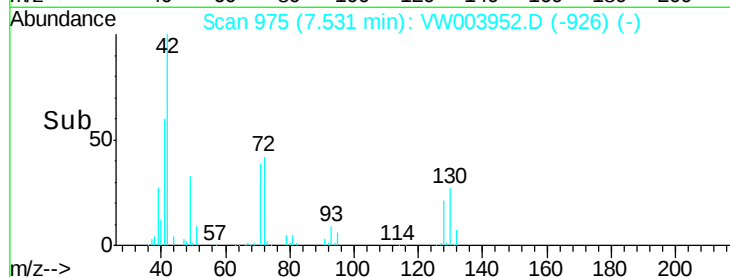
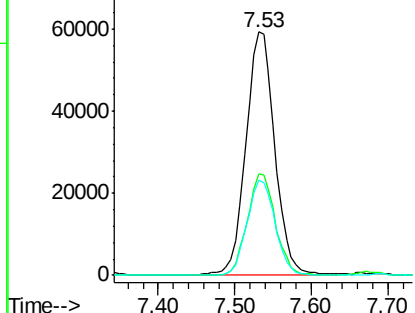


Abundance

Ion 42.00 (41.70 to 42.70): VW

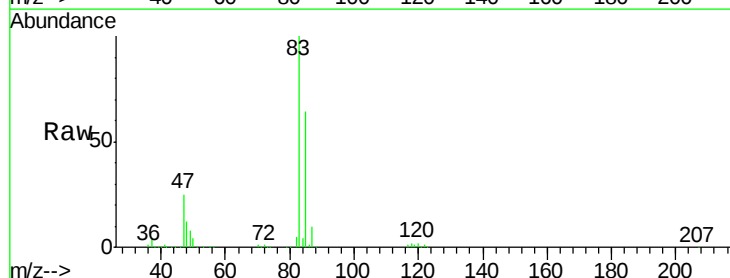
Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW



#30
Chloroform
Concen: 48.25 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW003952.D
Acq: 16 Jul 2018 14:59

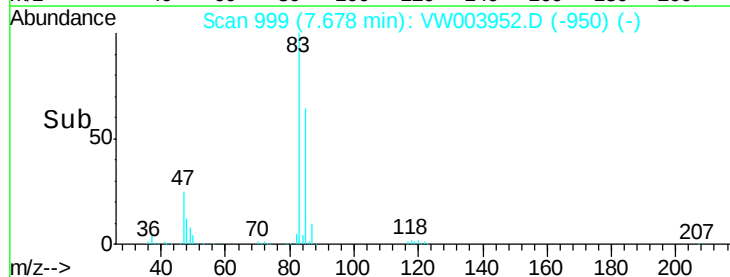
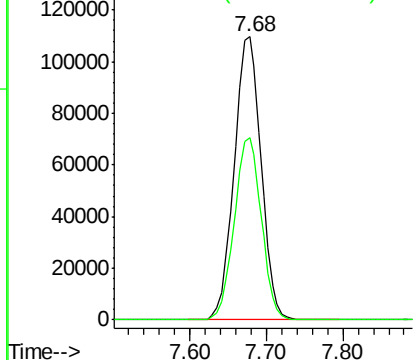
Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.5	52.2	78.4

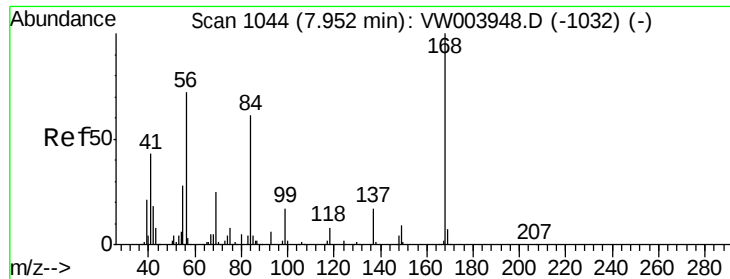


Abundance

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

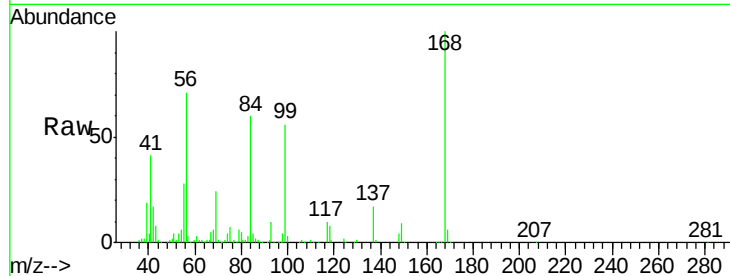




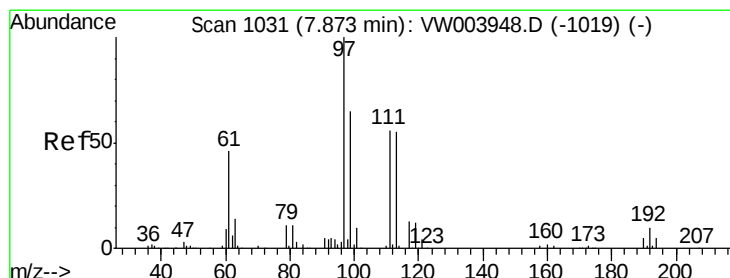
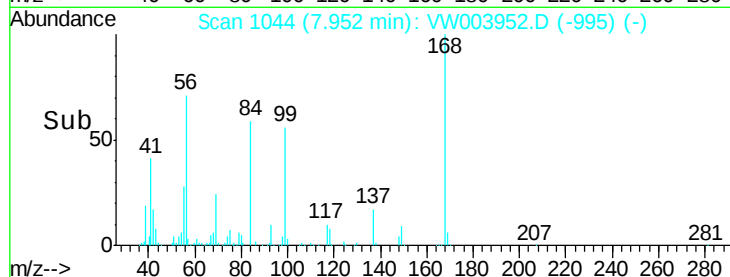
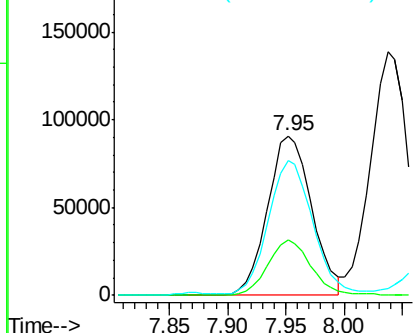
#31
Cyclohexane
Concen: 45.83 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. 0.00 min
Lab File: VW003952.D
Acq: 16 Jul 2018 14:59

Instrument :
MSVOA_W
ClientSampleId :
ICVW071618

Tot Ion: 56 Resp: 238607
Ion Ratio Lower Upper
56 100
69 34.4 27.8 41.8
84 82.6 67.2 100.8

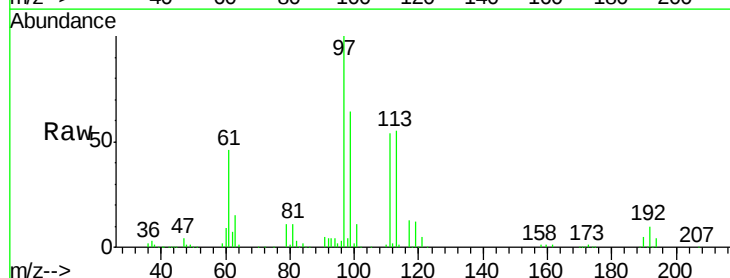


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

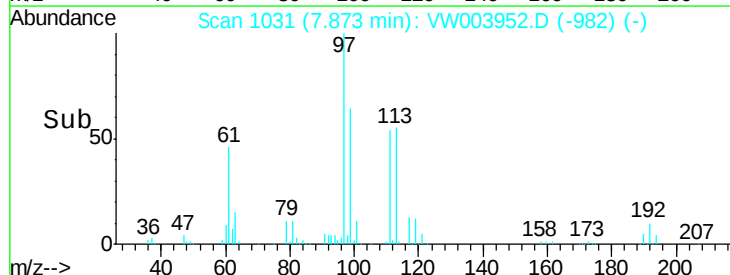
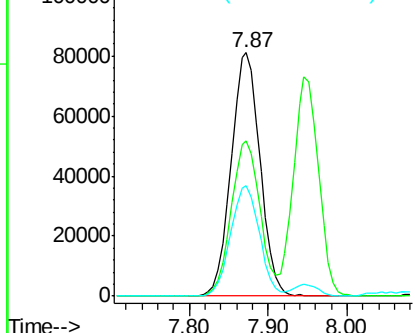


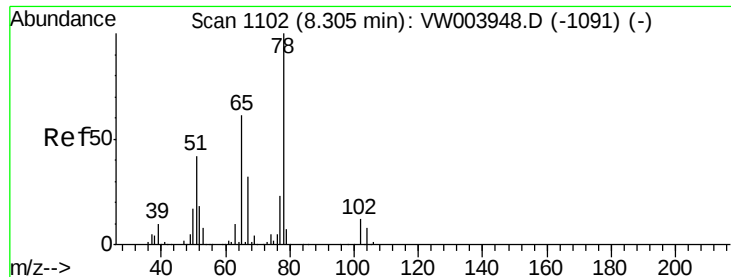
#32
1,1,1-Trichloroethane
Concen: 47.83 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VW003952.D
Acq: 16 Jul 2018 14:59

Tgt Ion: 97 Resp: 206346
Ion Ratio Lower Upper
97 100
99 63.5 51.3 76.9
61 45.5 36.8 55.2



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW

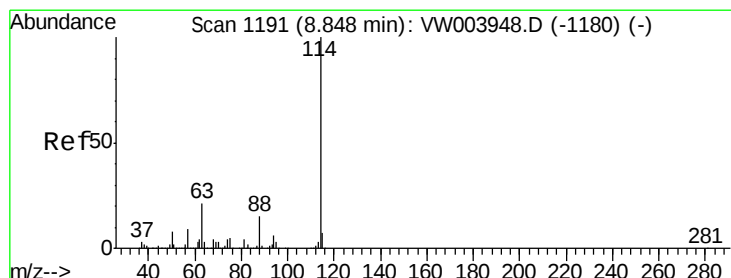
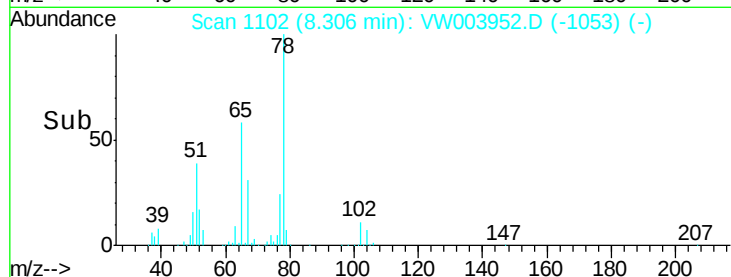
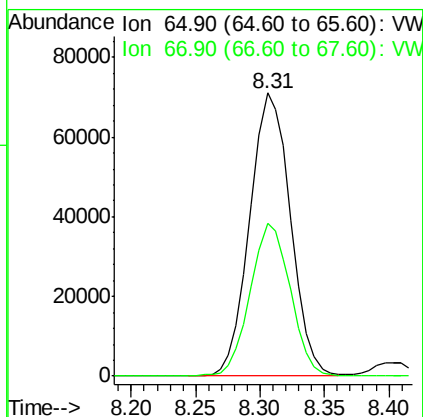
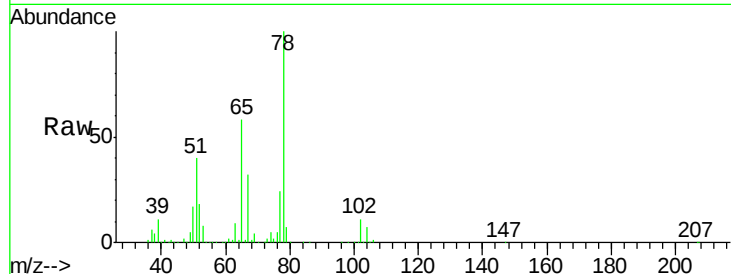




#33
 1,2-Dichloroethane-d4
 Concen: 49.57 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: VW003952.D
 Acq: 16 Jul 2018 14:59

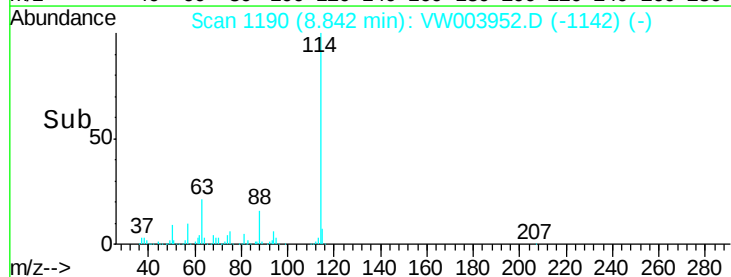
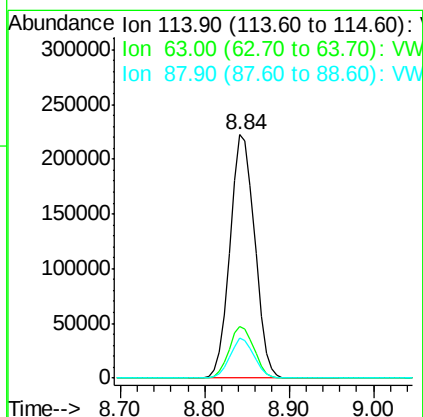
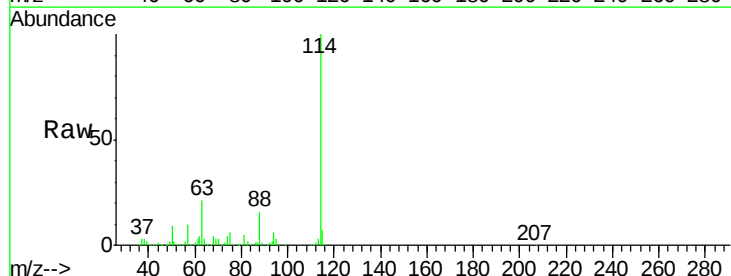
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW071618

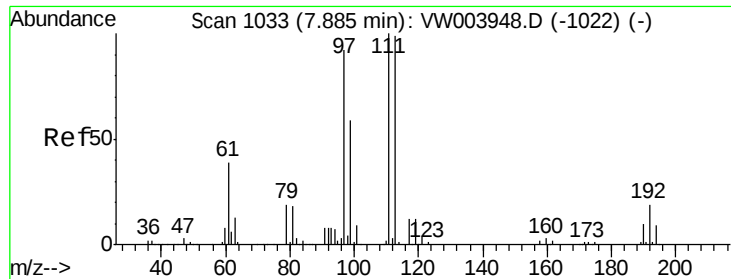
Tot Ion: 65 Resp: 155584
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.84 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: VW003952.D
 Acq: 16 Jul 2018 14:59

Tgt Ion: 114 Resp: 441493
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 42.8
 88 16.4 0.0 30.4

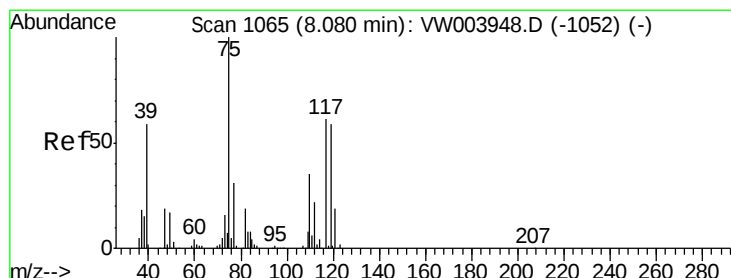
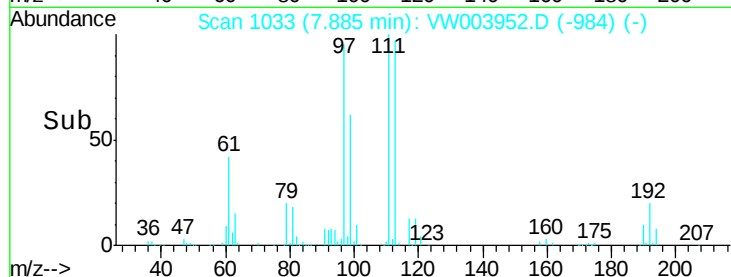
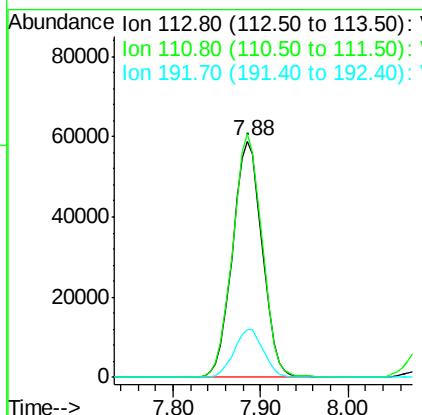
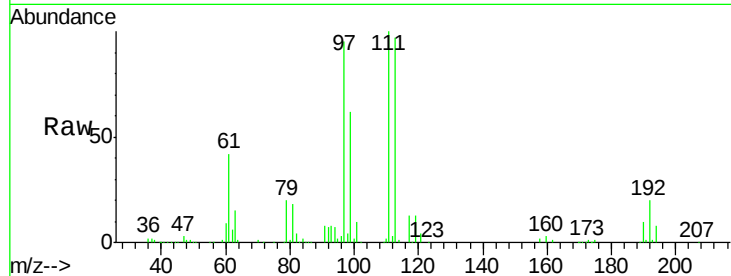




#35
Dibromofluoromethane
Concen: 48.89 ug/l
RT: 7.88 min Scan# 1033
Delta R.T. 0.00 min
Lab File: VW003952.D
Acq: 16 Jul 2018 14:59

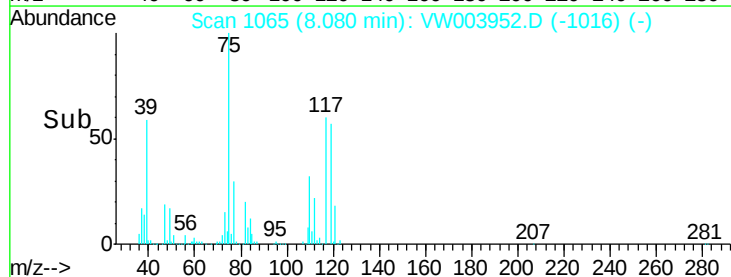
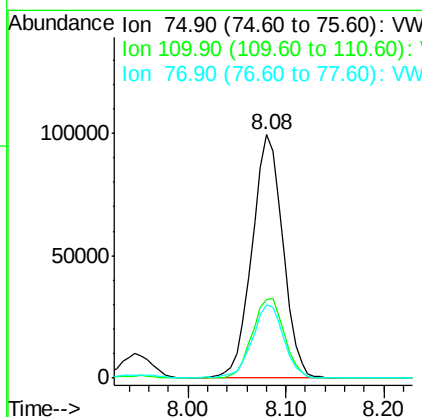
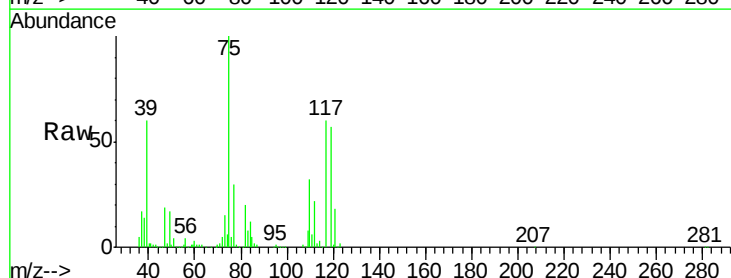
Instrument :
MSVOA_W
ClientSampleId :
ICVVW071618

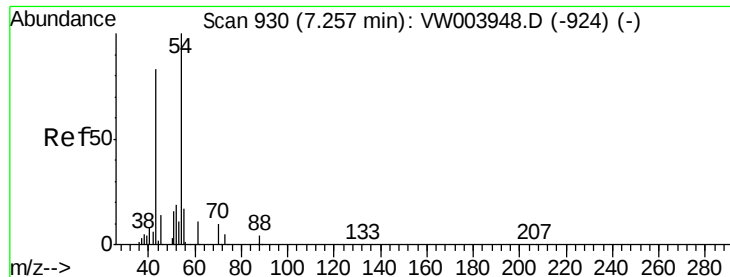
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.3	121.9
192	20.2	15.8	23.6



#36
1,1-Dichloropropene
Concen: 48.12 ug/l
RT: 8.08 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW003952.D
Acq: 16 Jul 2018 14:59

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.9	17.0	51.0
77	30.9	24.9	37.3

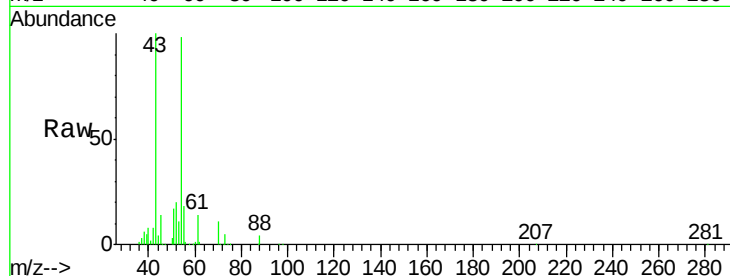




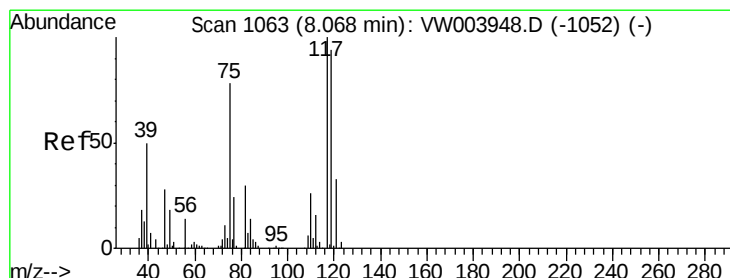
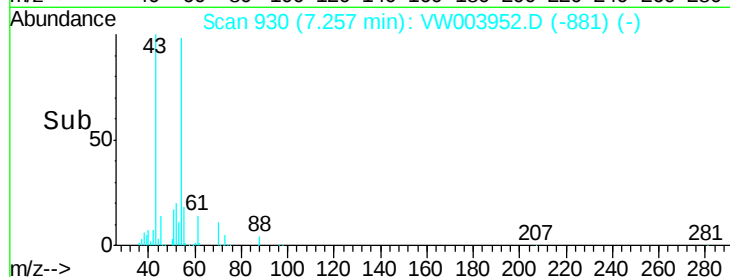
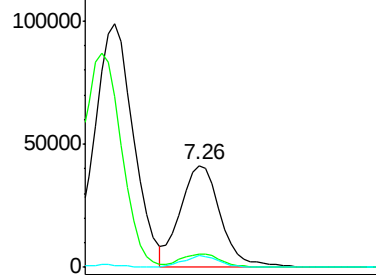
#37
Ethyl Acetate
Concen: 48.90 ug/l
RT: 7.26 min Scan# 930
Delta R.T. 0.00 min
Lab File: VW003952.D
Acq: 16 Jul 2018 14:59

Instrument :
MSVOA_W
ClientSampleId :
ICVW071618

Tot Ion: 43 Resp: 107134
Ion Ratio Lower Upper
43 100
61 13.1 10.7 16.1
70 10.0 7.7 11.5

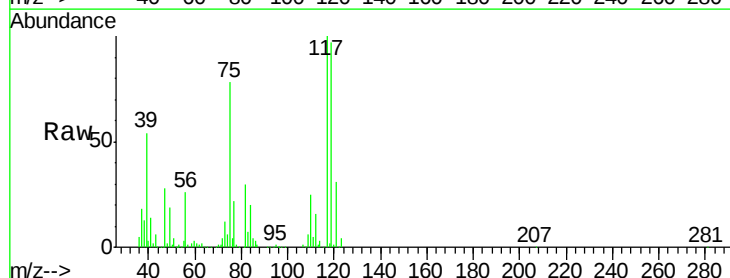


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 70.00 (69.70 to 70.70): VW

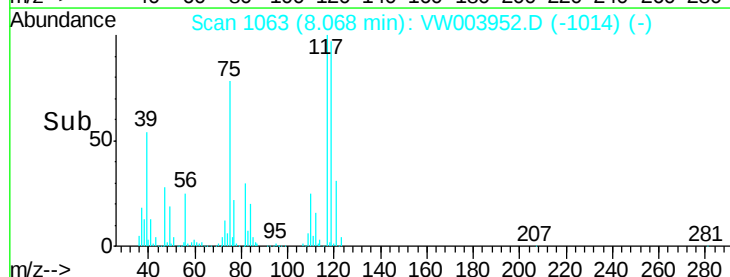
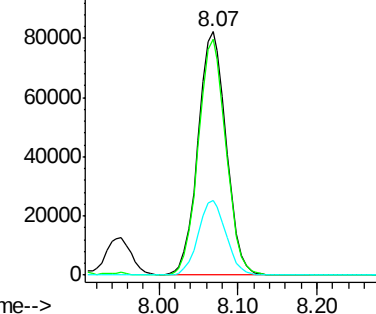


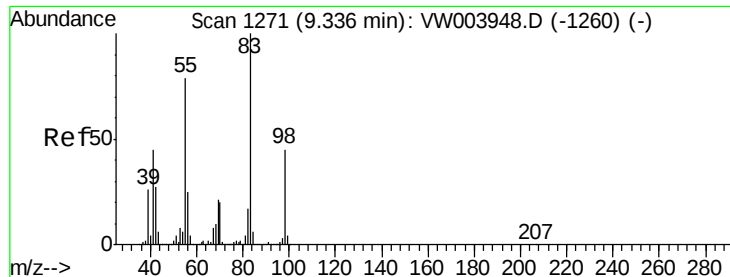
#38
Carbon Tetrachloride
Concen: 48.06 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW003952.D
Acq: 16 Jul 2018 14:59

Tgt Ion: 117 Resp: 203993
Ion Ratio Lower Upper
117 100
119 96.7 75.3 112.9
121 30.9 26.0 39.0



Abundance Ion 116.80 (116.50 to 117.50):
Ion 118.80 (118.50 to 119.50):
Ion 120.80 (120.50 to 121.50):

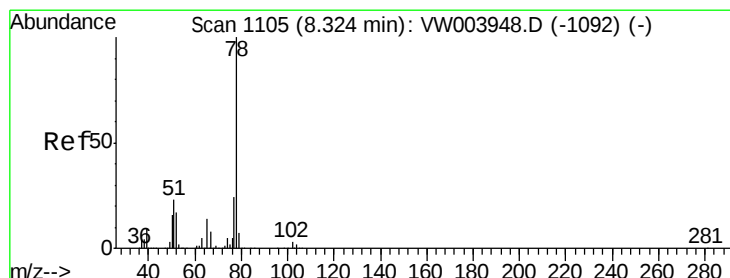
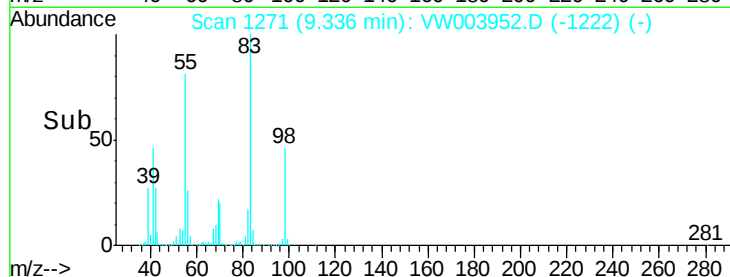
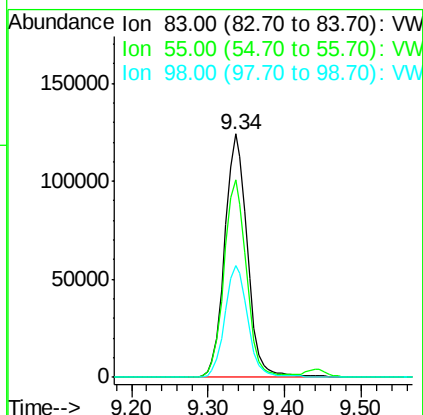
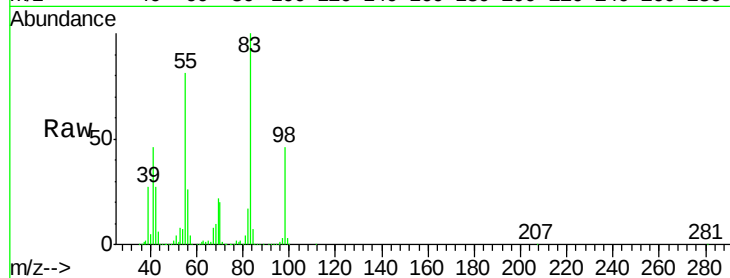




#39
Methvlcvclohexane
Concen: 47.85 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VW003952.D
Acq: 16 Jul 2018 14:59

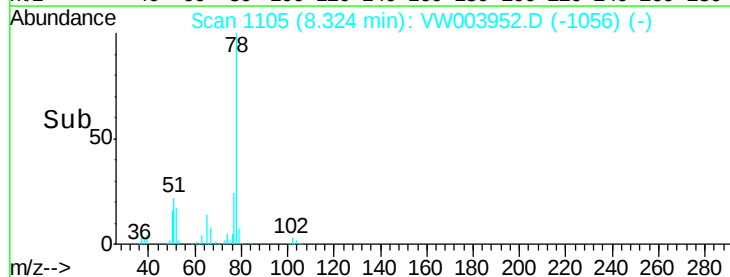
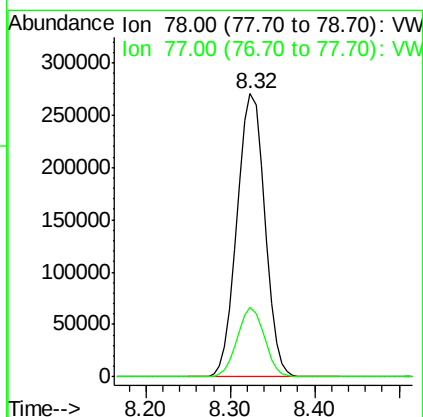
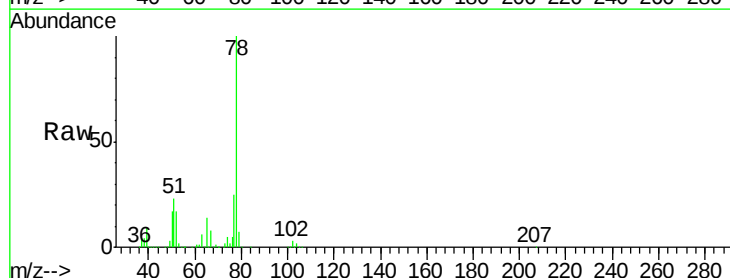
Instrument :
MSVOA_W
ClientSampleId :
ICVVW071618

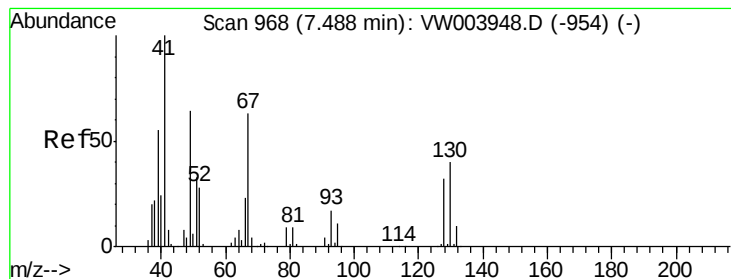
Tot Ion: 83 Resp: 254568
Ion Ratio Lower Upper
83 100
55 81.2 62.8 94.2
98 45.9 36.2 54.4



#40
Benzene
Concen: 47.72 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VW003952.D
Acq: 16 Jul 2018 14:59

Tgt Ion: 78 Resp: 601422
Ion Ratio Lower Upper
78 100
77 24.6 19.5 29.3





#41

Methacrylonitrile

Concen: 51.64 ug/l

RT: 7.49 min Scan# 968

Delta R.T. 0.00 min

Lab File: VW003952.D

Acq: 16 Jul 2018 14:59

Instrument :

MSVOA_W

ClientSampleId :

ICVW071618

Tot Ion: 41 Resp: 62688

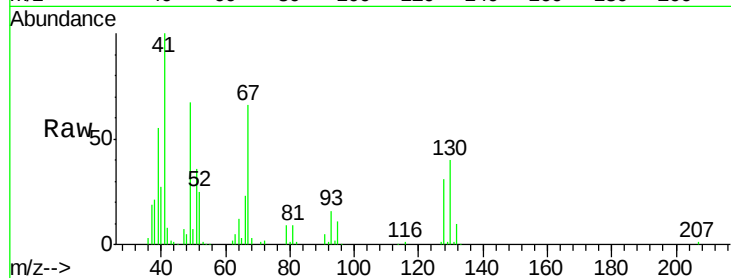
Ion Ratio Lower Upper

41 100

39 55.0 50.0 75.0

67 66.0 60.8 91.2

52 28.5 26.2 39.4



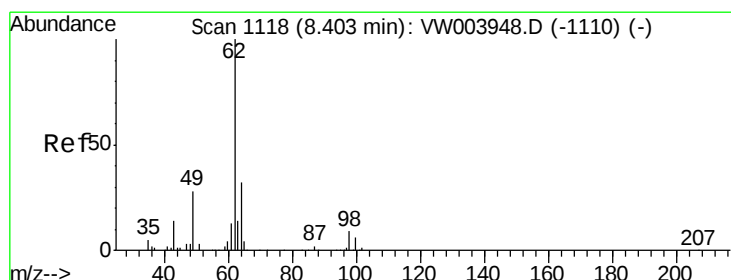
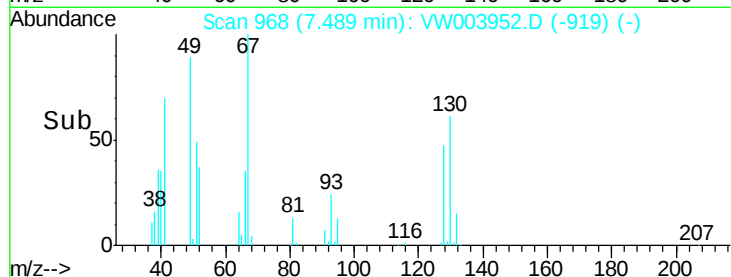
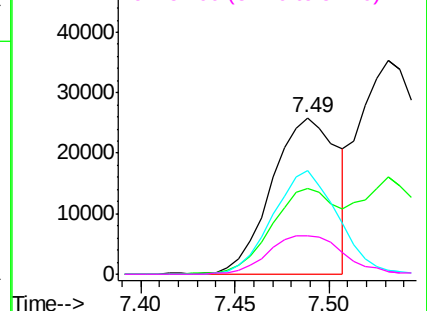
Abundance

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 47.55 ug/l

RT: 8.40 min Scan# 1118

Delta R.T. 0.00 min

Lab File: VW003952.D

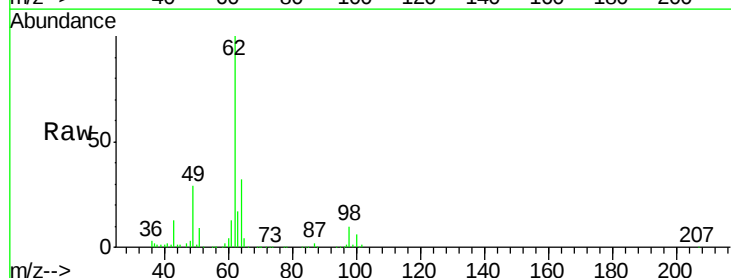
Acq: 16 Jul 2018 14:59

Tgt Ion: 62 Resp: 182830

Ion Ratio Lower Upper

62 100

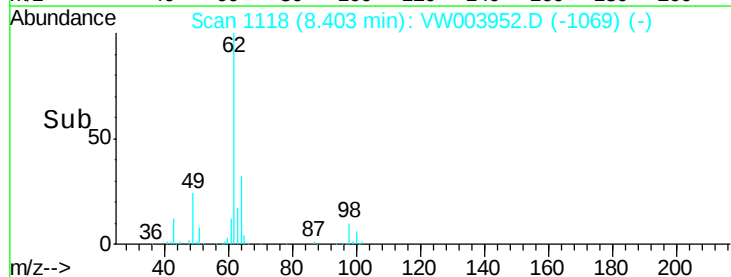
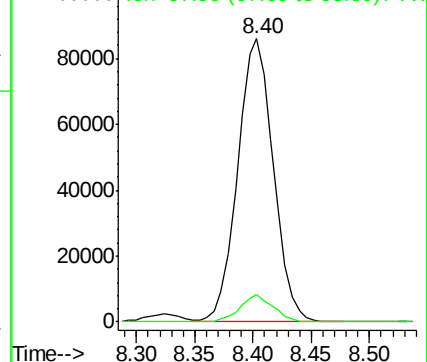
98 8.9 0.0 17.4

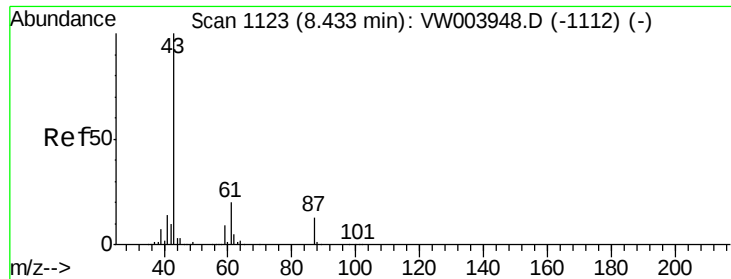


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW

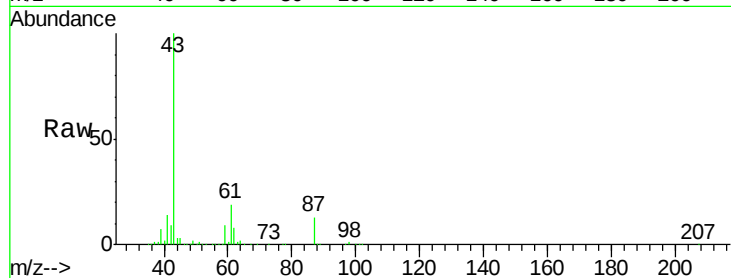




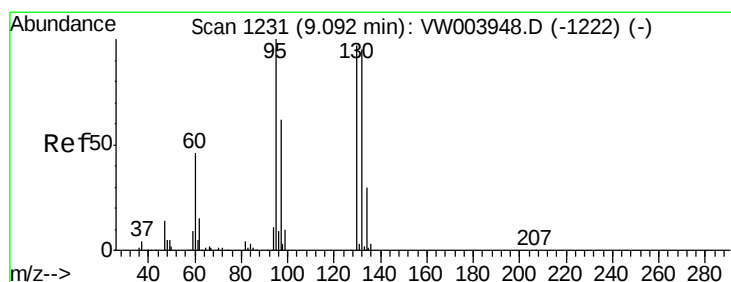
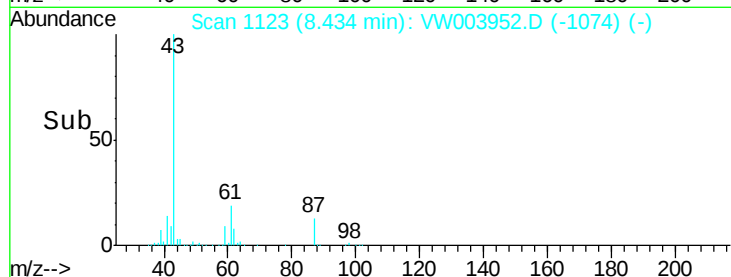
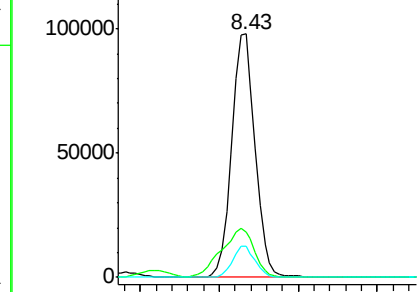
#43
Isopropyl Acetate
Concen: 49.13 ug/l
RT: 8.43 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VW003952.D
Acq: 16 Jul 2018 14:59

Instrument :
MSVOA_W
ClientSampleId :
ICVW071618

Tot Ion	43	Resp	201340
Ion Ratio	Lower	Upper	
43	100		
61	28.2	23.0	34.6
87	12.4	9.9	14.9

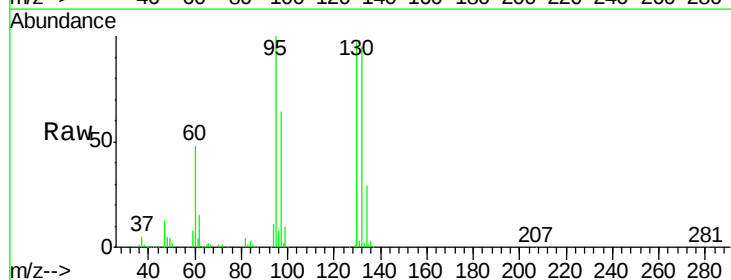


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 87.00 (86.70 to 87.70): VW

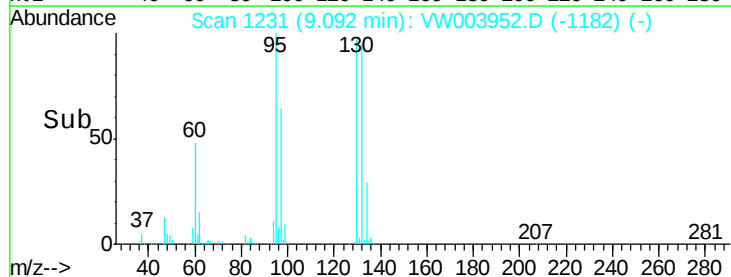
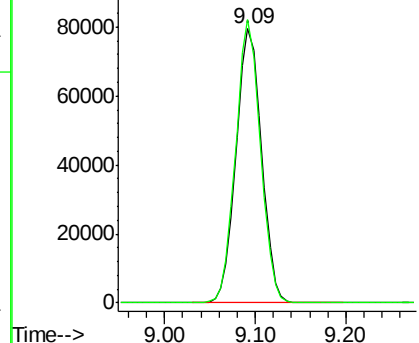


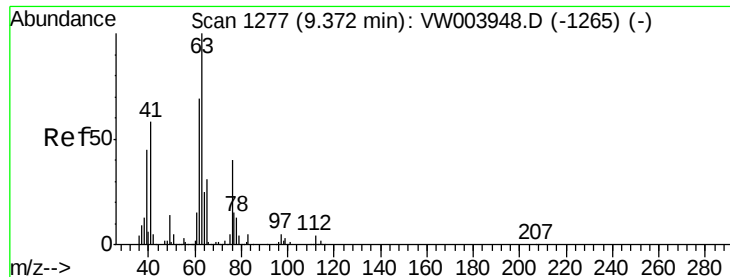
#44
Trichloroethene
Concen: 47.49 ug/l
RT: 9.09 min Scan# 1231
Delta R.T. 0.00 min
Lab File: VW003952.D
Acq: 16 Jul 2018 14:59

Tgt Ion	130	Resp	155133
Ion Ratio	Lower	Upper	
130	100		
95	103.3	0.0	206.8



Abundance Ion 129.80 (129.50 to 130.50):
Ion 94.90 (94.60 to 95.60): VW

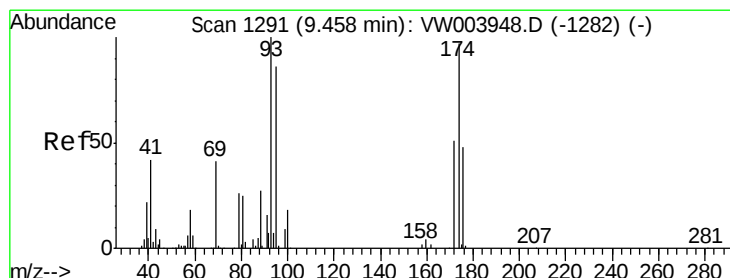
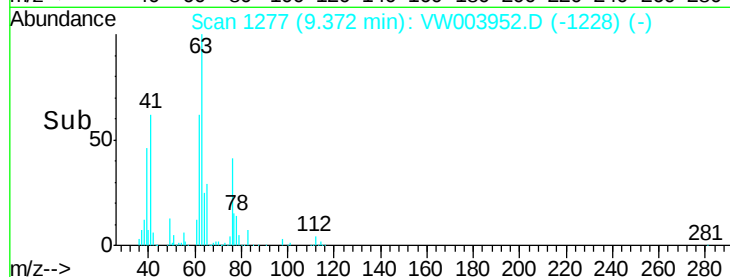
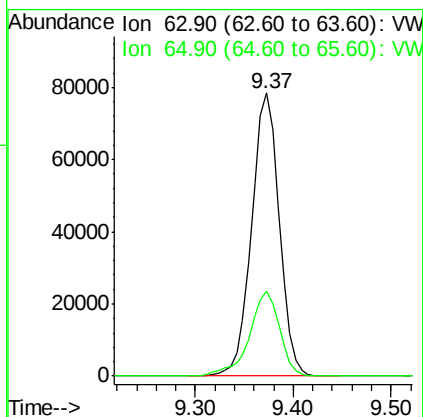
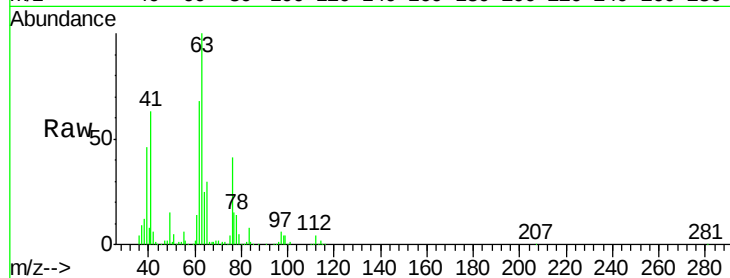




#45
 1,2-Dichloropropane
 Concen: 48.14 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW003952.D
 Acq: 16 Jul 2018 14:59

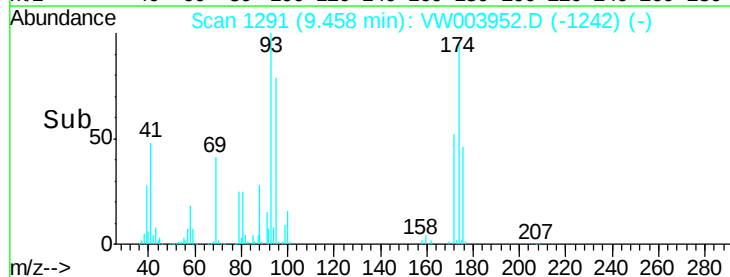
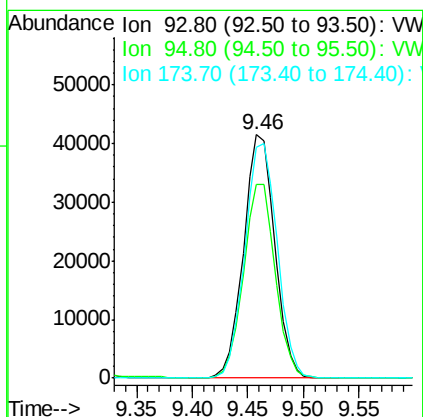
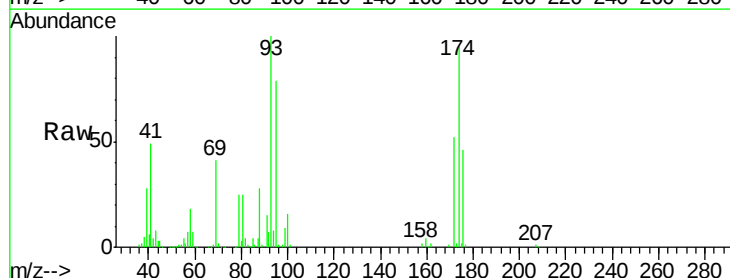
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW071618

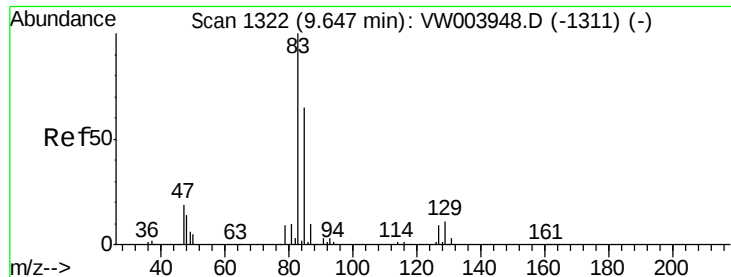
Tot Ion: 63 Resp: 154825
 Ion Ratio Lower Upper
 63 100
 65 30.2 24.8 37.2



#46
 Dibromomethane
 Concen: 48.37 ug/l
 RT: 9.46 min Scan# 1291
 Delta R.T. 0.00 min
 Lab File: VW003952.D
 Acq: 16 Jul 2018 14:59

Tgt Ion: 93 Resp: 80729
 Ion Ratio Lower Upper
 93 100
 95 81.2 66.9 100.3
 174 100.3 80.2 120.2

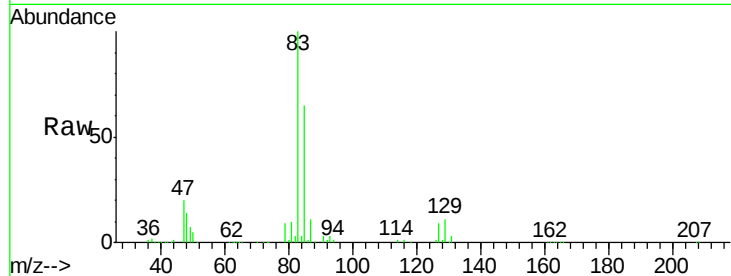




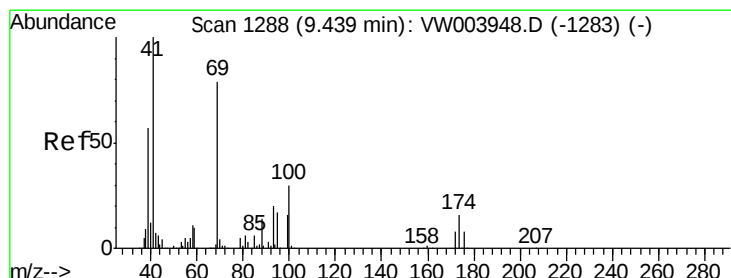
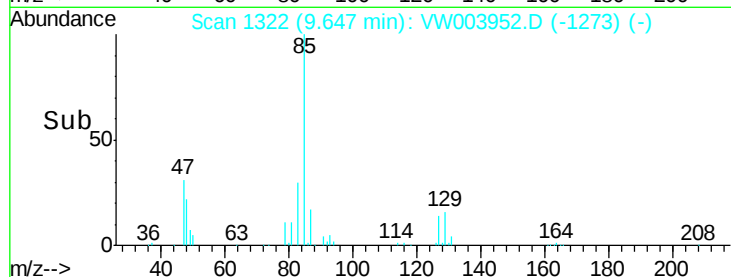
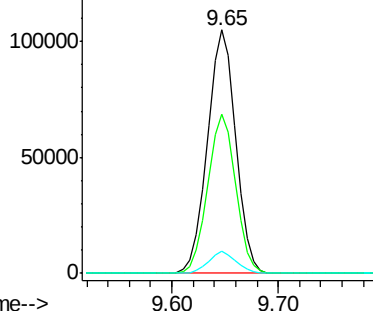
#47
 Bromodichloromethane
 Concen: 47.68 ug/l
 RT: 9.65 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VW003952.D
 Acq: 16 Jul 2018 14:59

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW071618

Tot Ion: 83 Resp: 196201
 Ion Ratio Lower Upper
 83 100
 85 65.2 52.2 78.2
 127 8.9 7.0 10.4

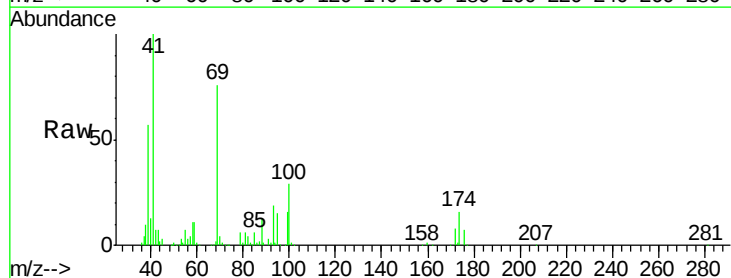


Abundance Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 126.80 (126.50 to 127.50):

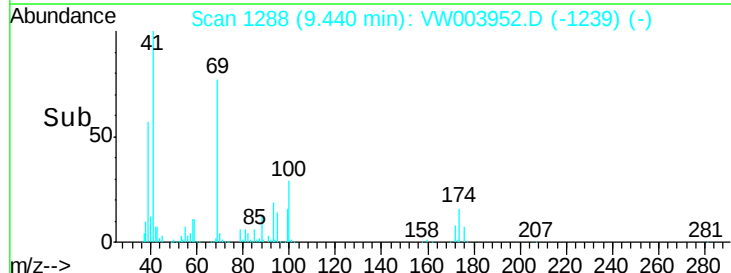
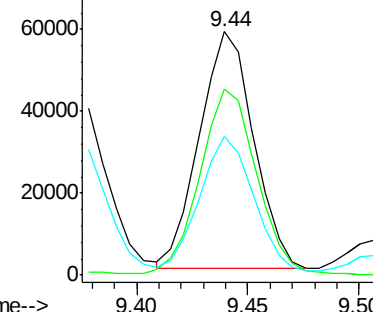


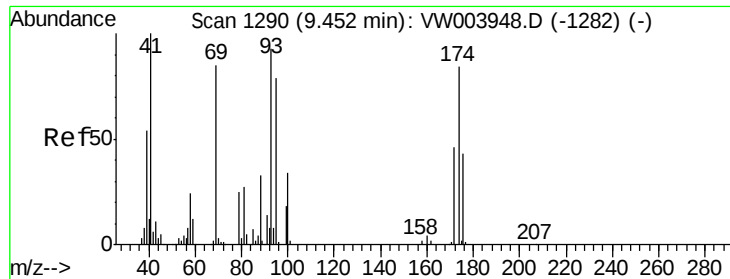
#48
 Methyl methacrylate
 Concen: 49.62 ug/l
 RT: 9.44 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: VW003952.D
 Acq: 16 Jul 2018 14:59

Tgt Ion: 41 Resp: 98330
 Ion Ratio Lower Upper
 41 100
 69 82.0 67.0 100.6
 39 60.0 48.8 73.2



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

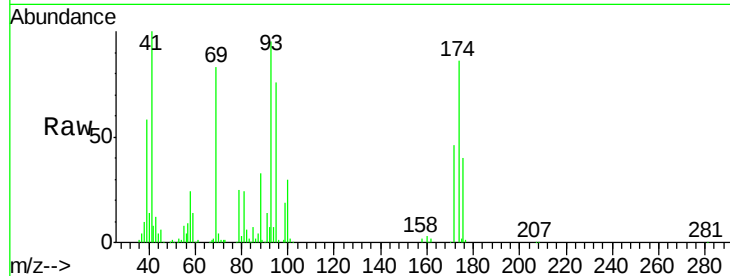




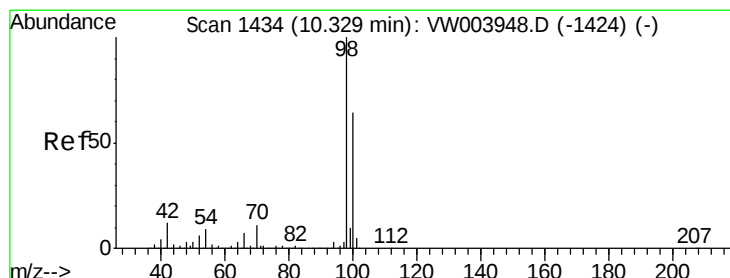
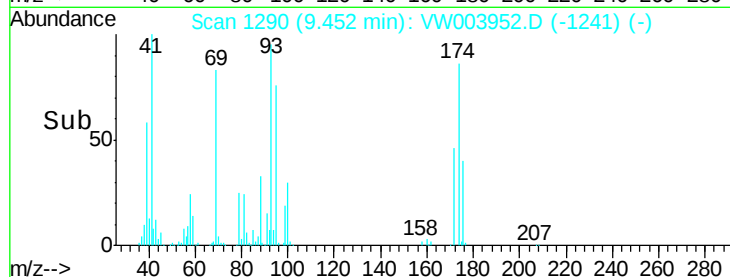
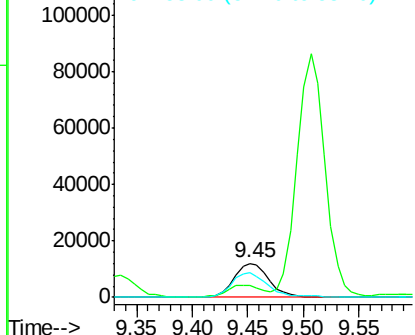
#49
 1,4-Dioxane
 Concen: 1019.32 ug/l
 RT: 9.45 min Scan# 1290
 Delta R.T. 0.00 min
 Lab File: VW003952.D
 Acq: 16 Jul 2018 14:59

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW071618

Tot Ion: 88 Resp: 26151
 Ion Ratio Lower Upper
 88 100
 43 34.7 27.3 40.9
 58 72.5 61.1 91.7

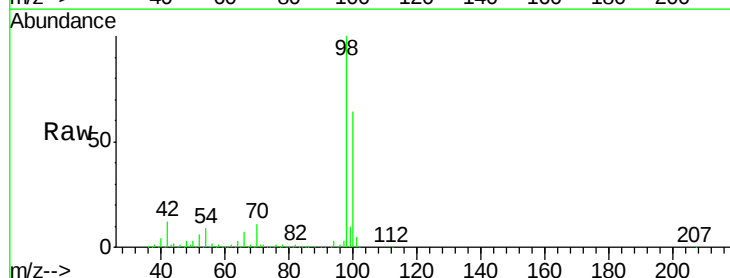


Abundance Ion 88.00 (87.70 to 88.70): VW
 Ion 43.00 (42.70 to 43.70): VW
 Ion 58.00 (57.70 to 58.70): VW

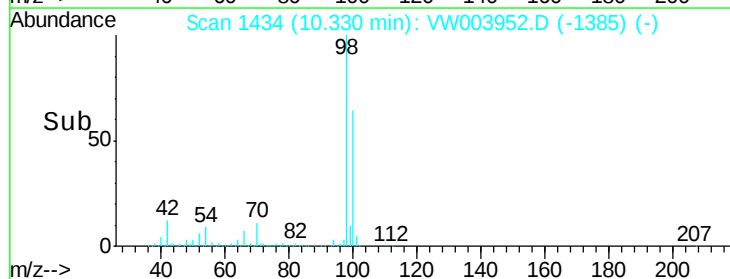
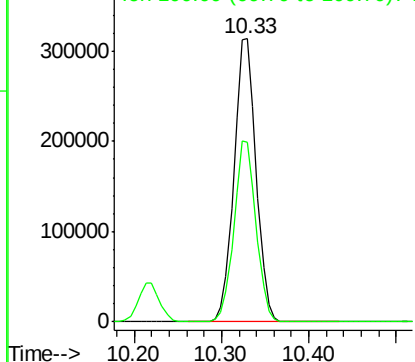


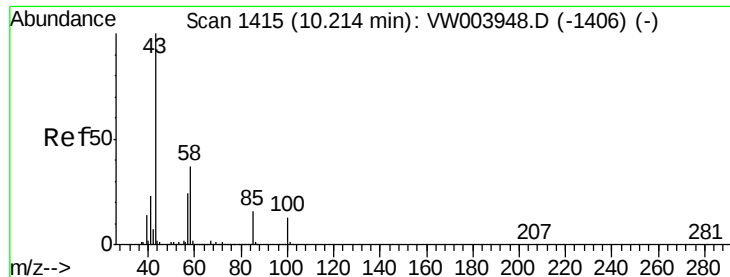
#50
 Toluene-d8
 Concen: 50.27 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW003952.D
 Acq: 16 Jul 2018 14:59

Tgt Ion: 98 Resp: 552559
 Ion Ratio Lower Upper
 98 100
 100 63.8 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VW
 Ion 100.00 (99.70 to 100.70): V

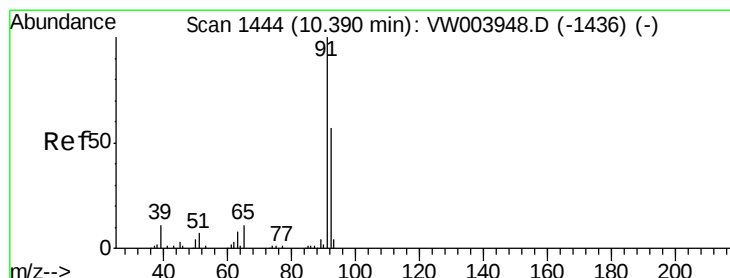
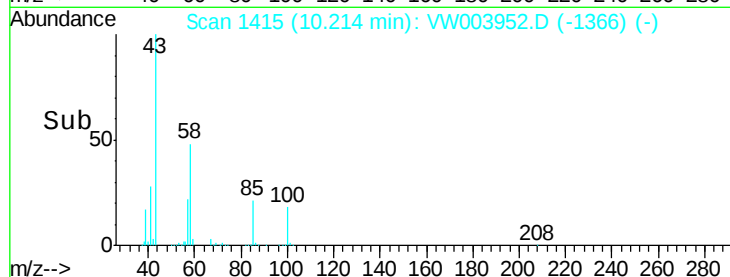
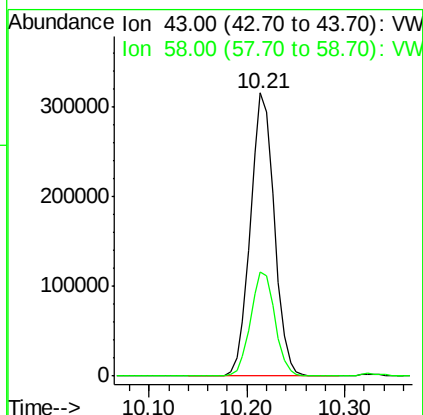
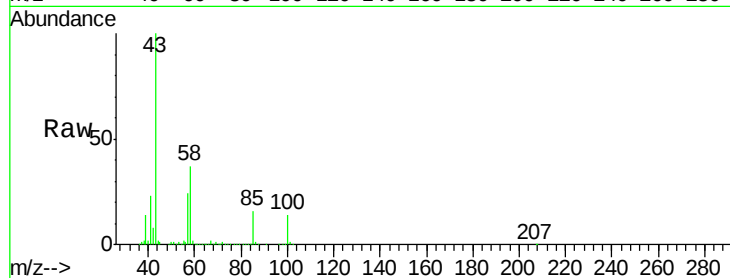




#51
 4-Methyl-2-Pentanone
 Concen: 244.81 ug/l
 RT: 10.21 min Scan# 1415
 Delta R.T. 0.00 min
 Lab File: VW003952.D
 Acq: 16 Jul 2018 14:59

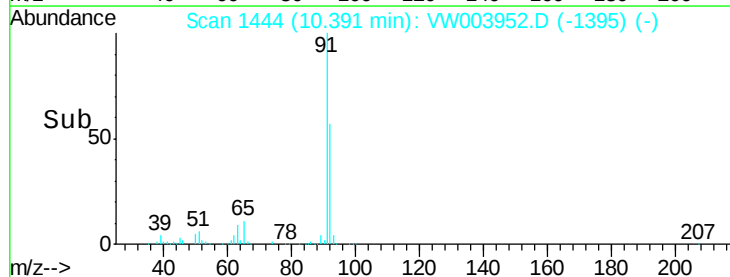
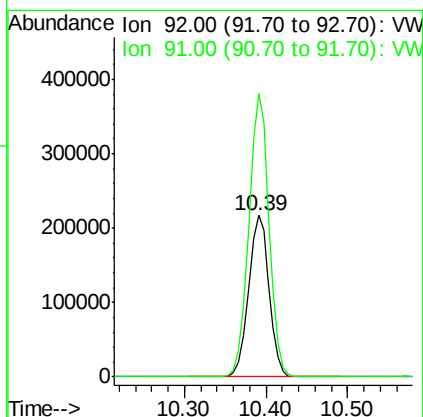
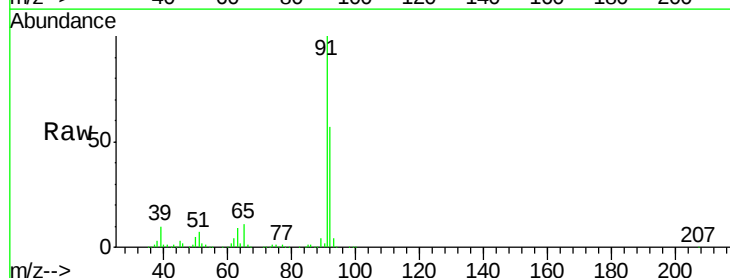
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW071618

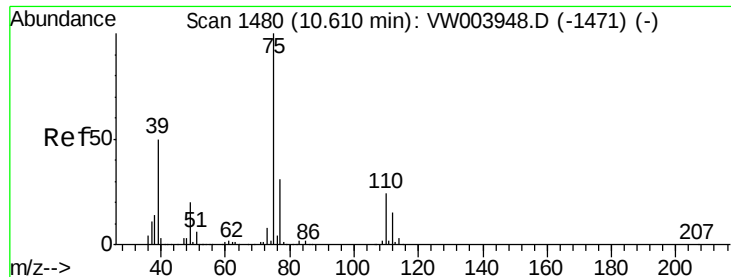
Tot Ion: 43 Resp: 534455
 Ion Ratio Lower Upper
 43 100
 58 37.5 29.9 44.9



#52
 Toluene
 Concen: 48.65 ug/l
 RT: 10.39 min Scan# 1444
 Delta R.T. 0.00 min
 Lab File: VW003952.D
 Acq: 16 Jul 2018 14:59

Tgt Ion: 92 Resp: 379126
 Ion Ratio Lower Upper
 92 100
 91 173.1 139.6 209.4





#53

t-1,3-Dichloropropene

Concen: 48.78 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW003952.D

Acq: 16 Jul 2018 14:59

Instrument :

MSVOA_W

ClientSampled :

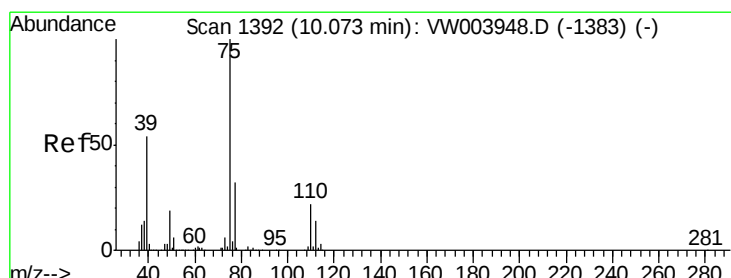
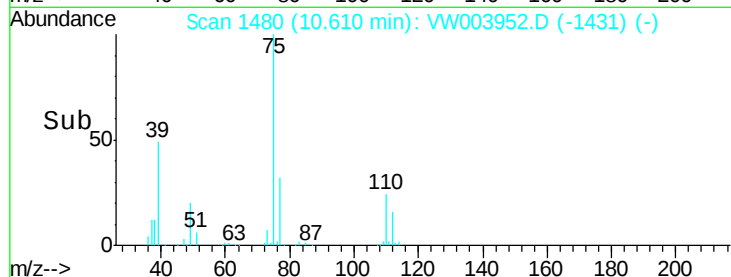
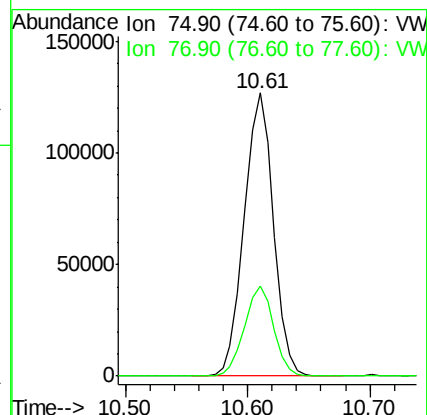
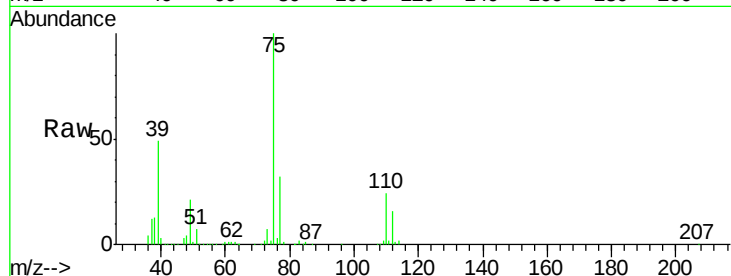
ICVW071618

Tot Ion: 75 Resp: 209882

Ion Ratio Lower Upper

75 100

77 31.6 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 48.24 ug/l

RT: 10.07 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW003952.D

Acq: 16 Jul 2018 14:59

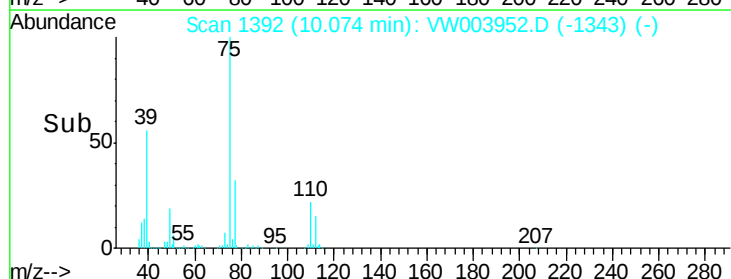
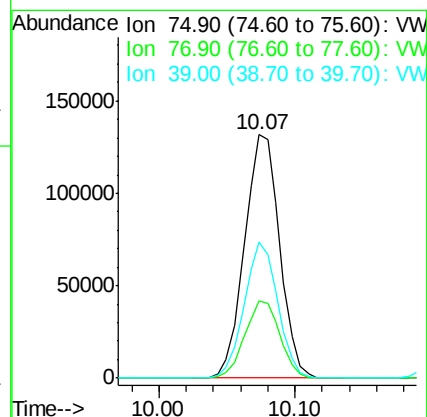
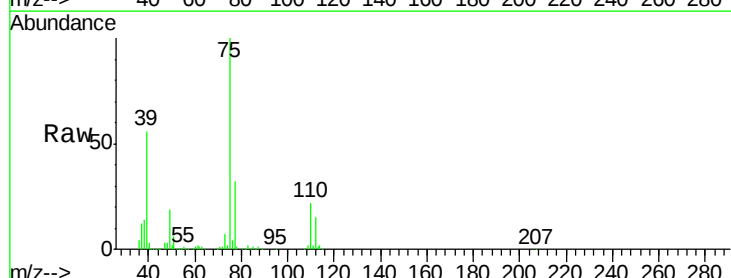
Tgt Ion: 75 Resp: 237451

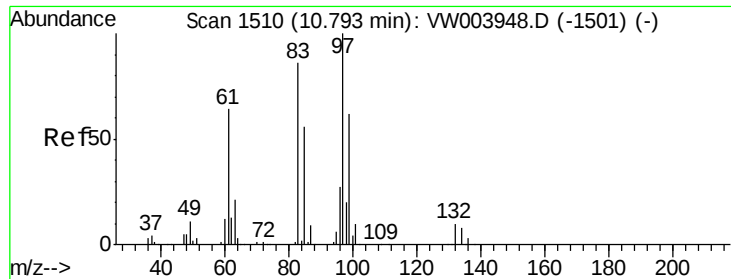
Ion Ratio Lower Upper

75 100

77 31.9 25.4 38.2

39 55.6 43.0 64.6



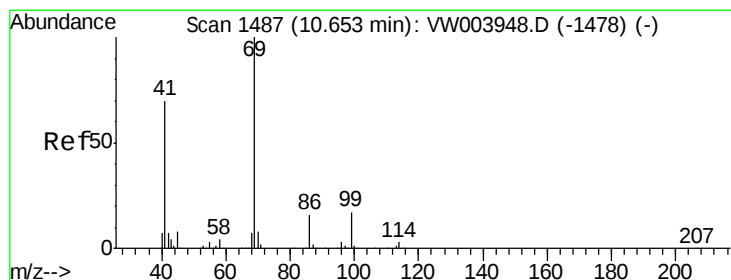
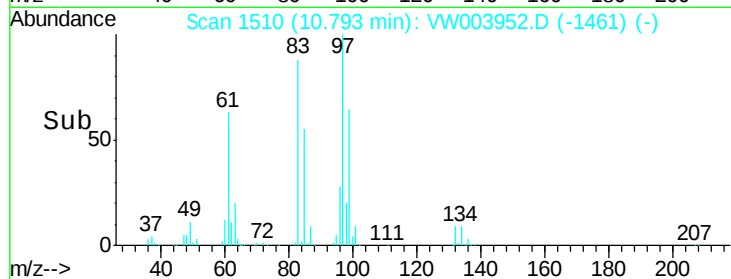
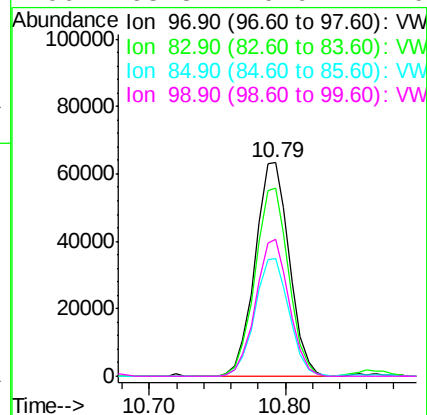
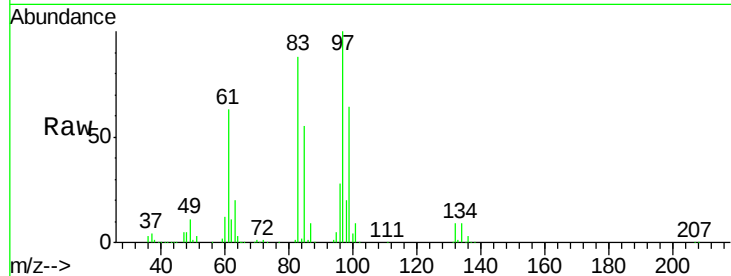


#55
 1,1,2-Trichloroethane
 Concen: 47.74 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW003952.D
 Acq: 16 Jul 2018 14:59

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW071618

Tot Ion: 97 Resp: 112062

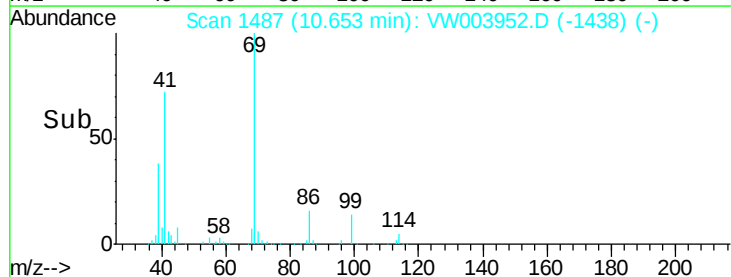
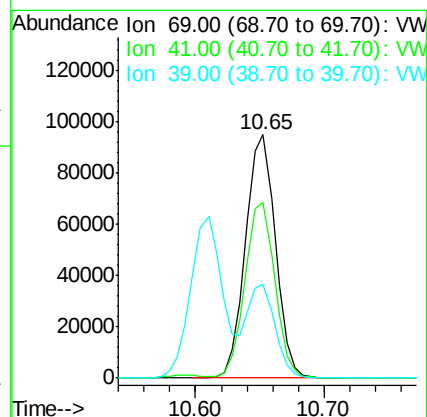
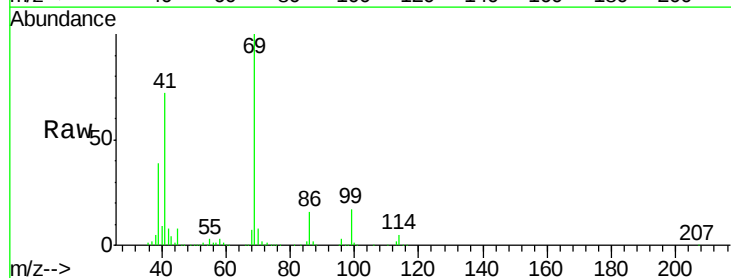
Ion	Ratio	Lower	Upper
97	100		
83	88.4	69.0	103.4
85	55.3	45.0	67.6
99	63.8	49.9	74.9

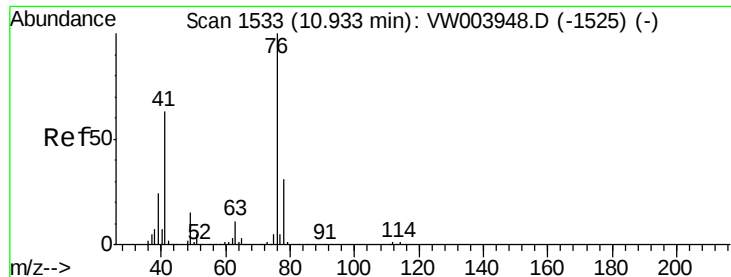


#56
 Ethyl methacrylate
 Concen: 45.50 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW003952.D
 Acq: 16 Jul 2018 14:59

Tgt Ion: 69 Resp: 151814

Ion	Ratio	Lower	Upper
69	100		
41	71.8	56.5	84.7
39	34.5	30.2	45.4

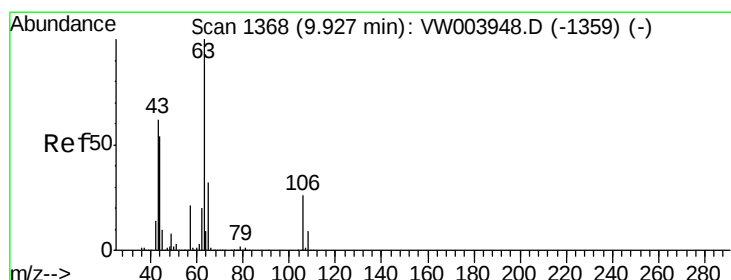
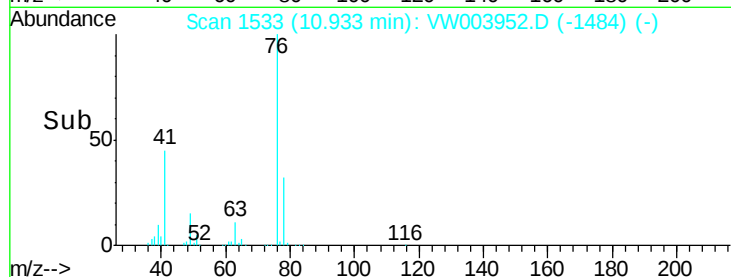
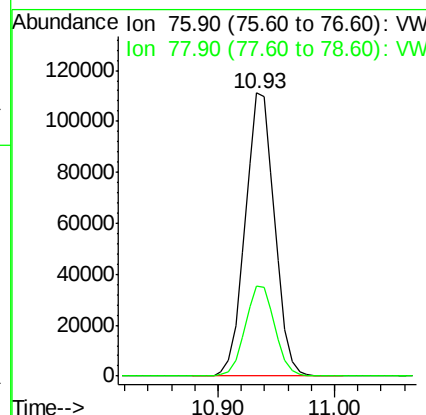
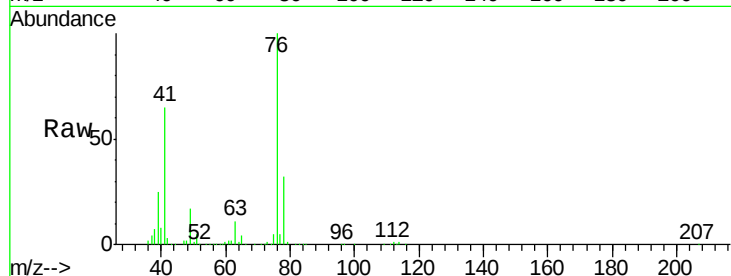




#57
 1,3-Dichloropropane
 Concen: 47.76 ug/l
 RT: 10.93 min Scan# 1533
 Delta R.T. 0.00 min
 Lab File: VW003952.D
 Acq: 16 Jul 2018 14:59

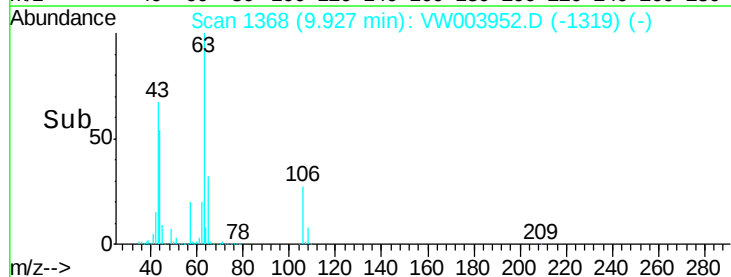
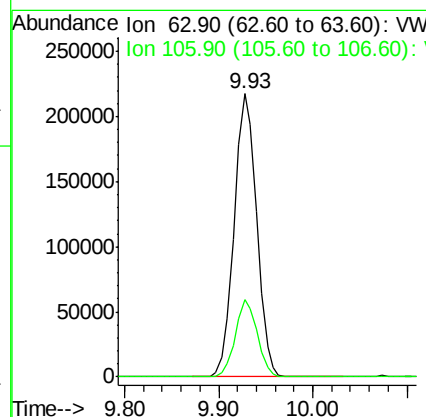
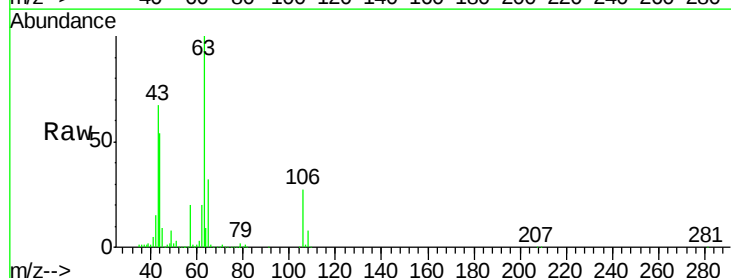
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW071618

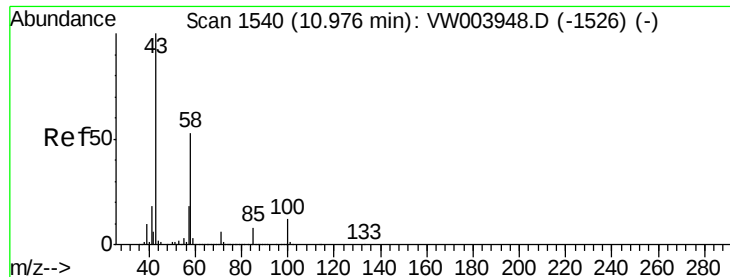
Tot Ion: 76 Resp: 194784
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.2 37.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 258.91 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VW003952.D
 Acq: 16 Jul 2018 14:59

Tgt Ion: 63 Resp: 360548
 Ion Ratio Lower Upper
 63 100
 106 26.3 21.2 31.8

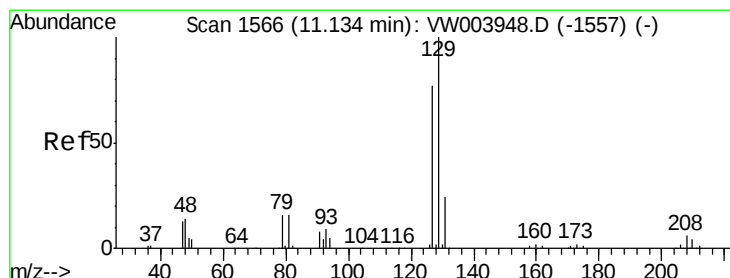
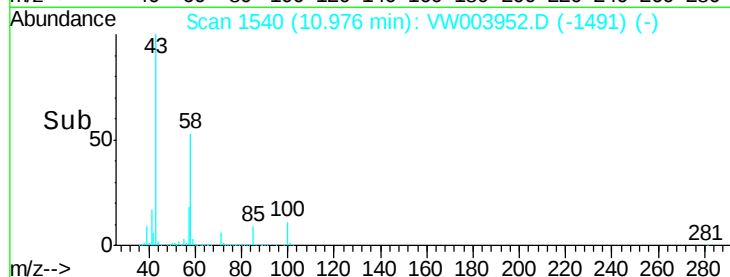
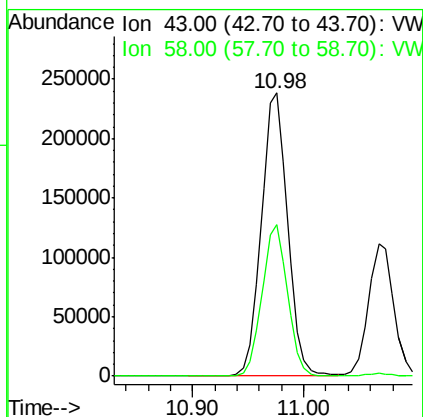
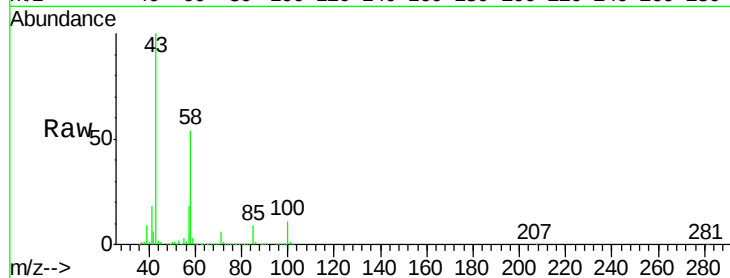




#59
2-Hexanone
Concen: 255.81 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW003952.D
Acq: 16 Jul 2018 14:59

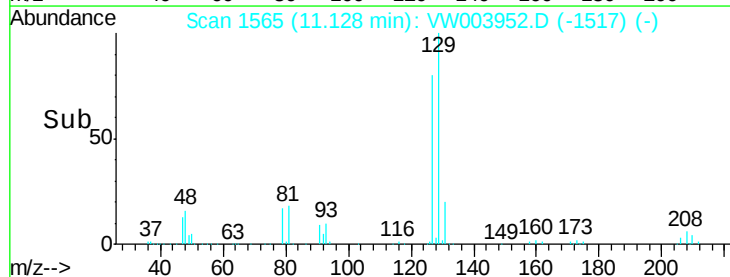
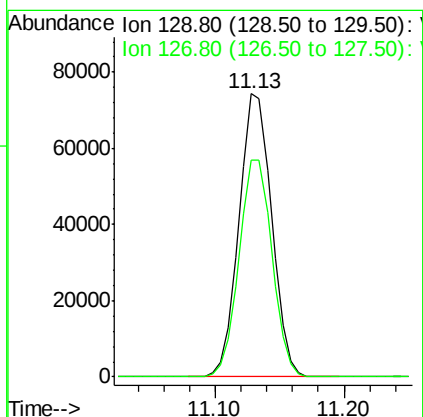
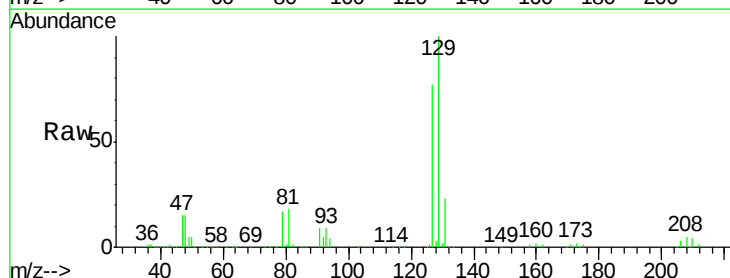
Instrument :
MSVOA_W
ClientSampleId :
ICVW071618

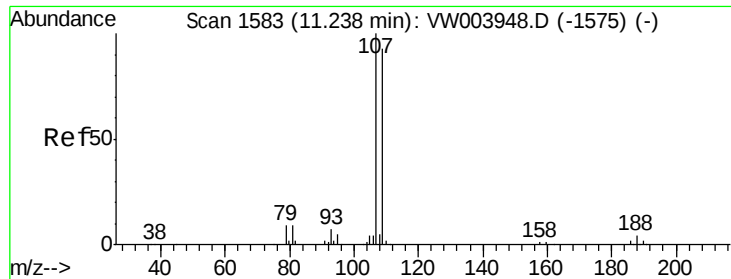
Tot Ion: 43 Resp: 393621
Ion Ratio Lower Upper
43 100
58 52.0 26.0 78.0



#60
Dibromochloromethane
Concen: 47.71 ug/l
RT: 11.13 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VW003952.D
Acq: 16 Jul 2018 14:59

Tgt Ion: 129 Resp: 130431
Ion Ratio Lower Upper
129 100
127 77.6 39.1 117.3





#61

1,2-Dibromoethane

Concen: 48.55 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VW003952.D

Acq: 16 Jul 2018 14:59

Instrument :

MSVOA_W

ClientSampleId :

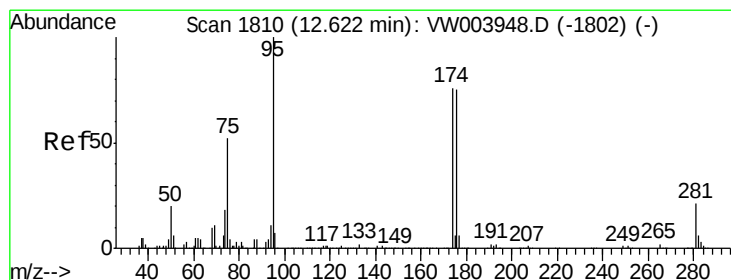
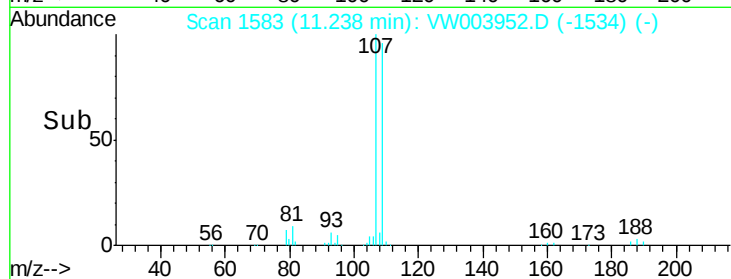
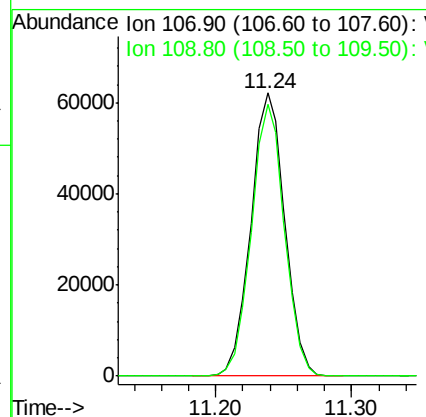
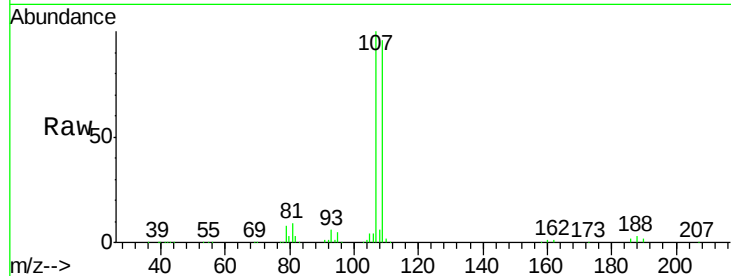
ICVW071618

Tot Ion:107 Resp: 108445

Ion Ratio Lower Upper

107 100

109 93.7 74.3 111.5



#62

4-Bromofluorobenzene

Concen: 50.26 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW003952.D

Acq: 16 Jul 2018 14:59

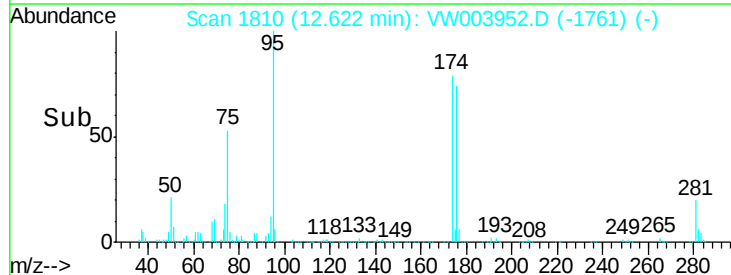
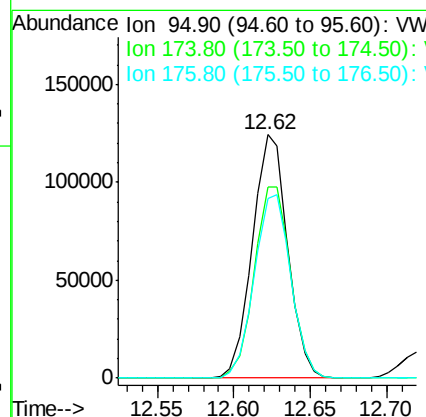
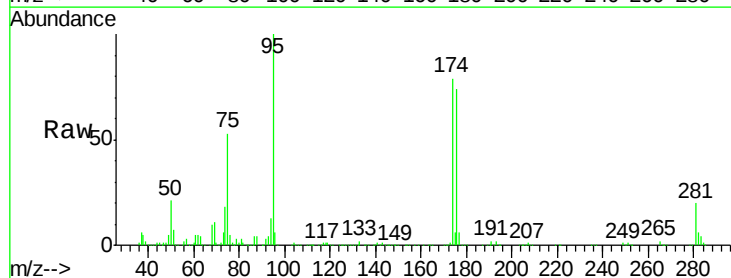
Tgt Ion: 95 Resp: 199206

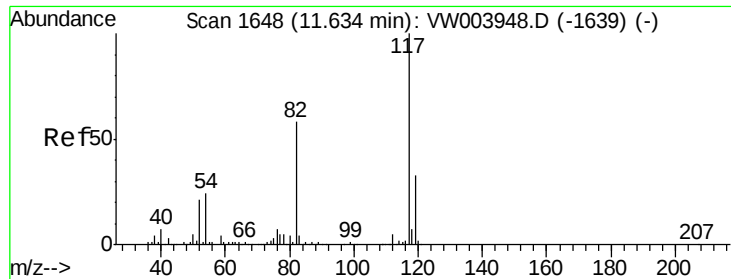
Ion Ratio Lower Upper

95 100

174 80.9 0.0 160.2

176 78.0 0.0 155.8

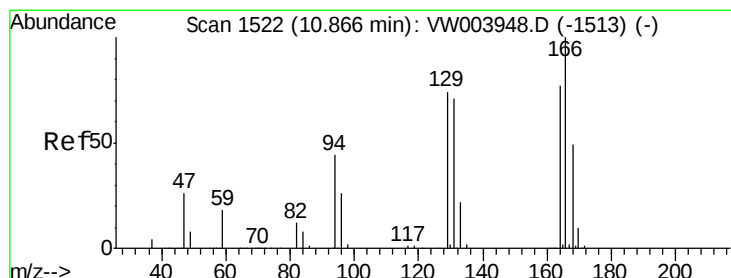
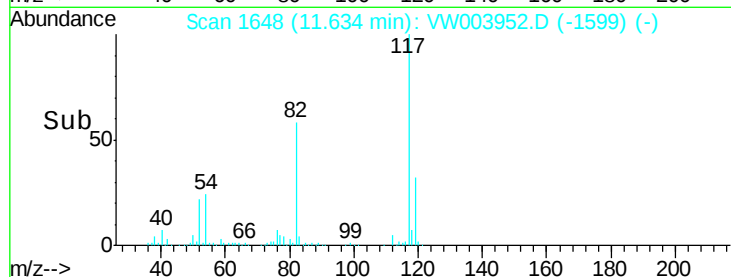
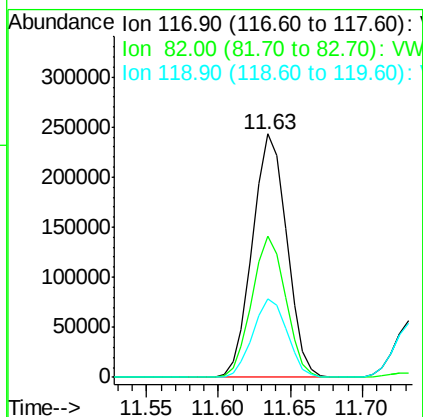
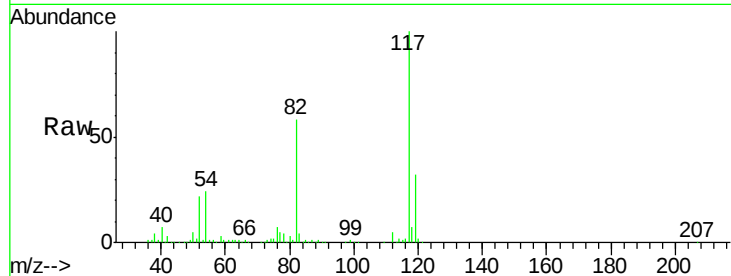




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW003952.D
Acq: 16 Jul 2018 14:59

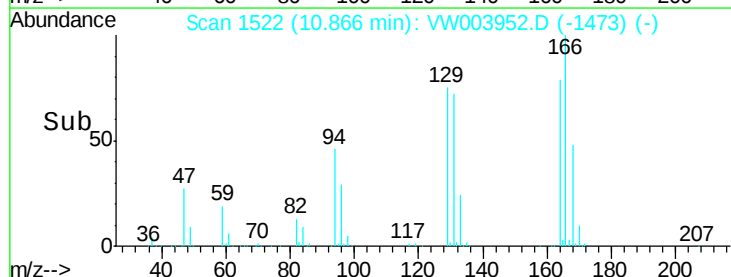
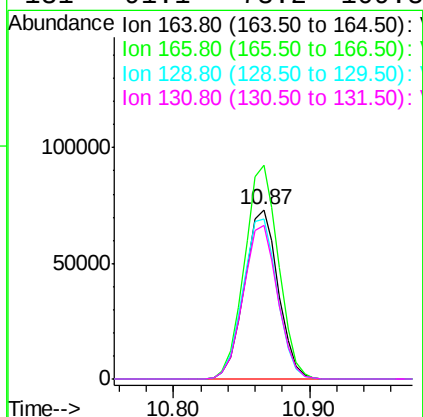
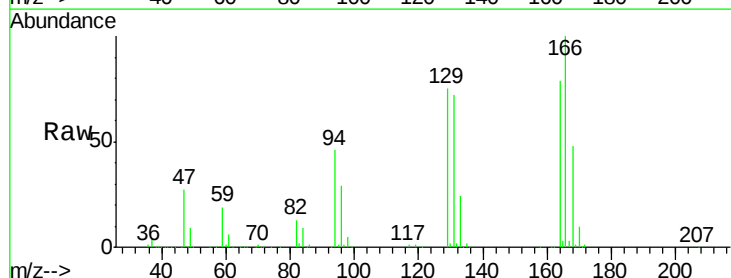
Instrument :
MSVOA_W
ClientSampleId :
ICVW071618

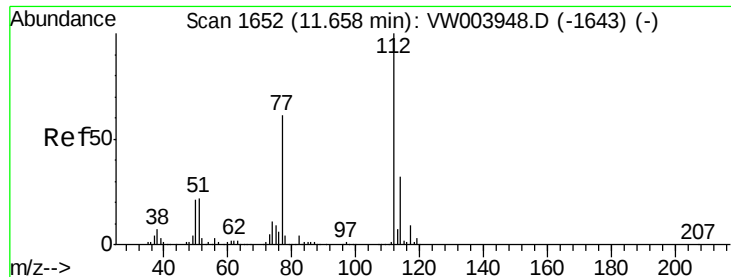
Tot Ion:117 Resp: 401630
Ion Ratio Lower Upper
117 100
82 58.2 46.5 69.7
119 32.3 26.2 39.2



#64
Tetrachloroethene
Concen: 46.03 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003952.D
Acq: 16 Jul 2018 14:59

Tgt Ion:164 Resp: 126859
Ion Ratio Lower Upper
164 100
166 126.3 103.5 155.3
129 95.0 76.8 115.2
131 91.1 73.2 109.8

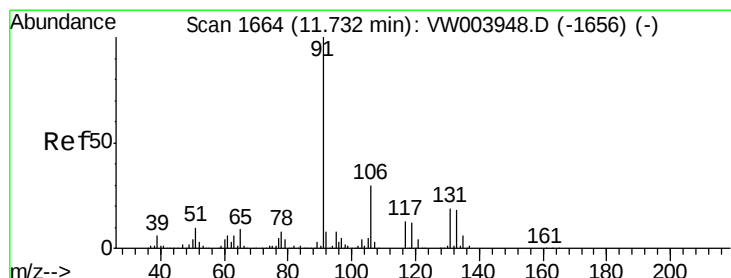
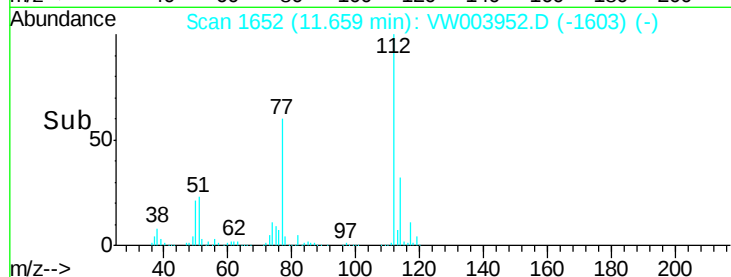
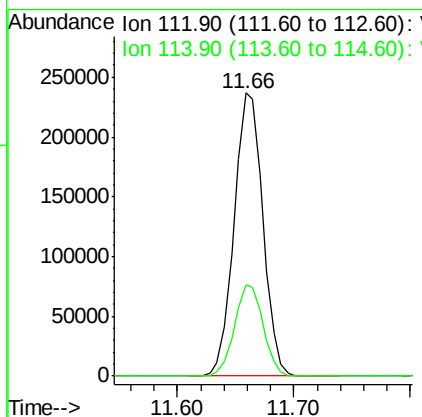
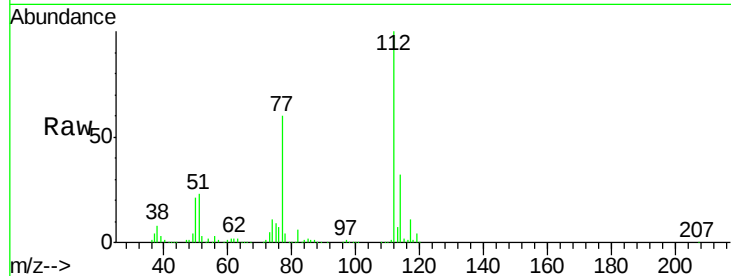




#65
Chlorobenzene
Concen: 47.61 ug/l
RT: 11.66 min Scan# 1652
Delta R.T. 0.00 min
Lab File: VW003952.D
Acq: 16 Jul 2018 14:59

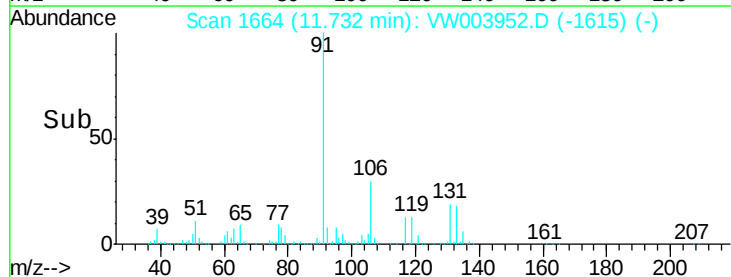
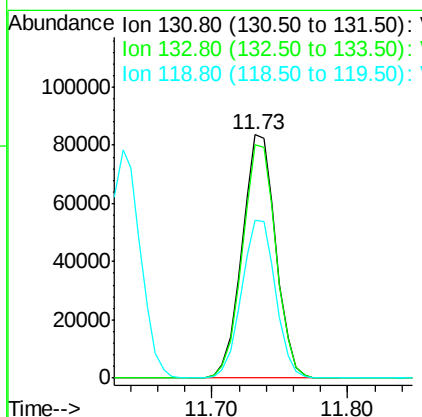
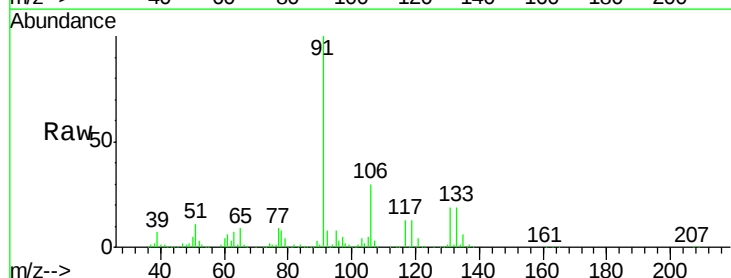
Instrument :
MSVOA_W
ClientSampleId :
ICVW071618

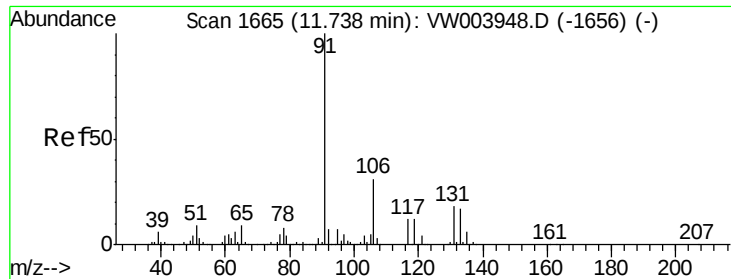
Tot Ion:112 Resp: 406576
Ion Ratio Lower Upper
112 100
114 32.5 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 48.51 ug/l
RT: 11.73 min Scan# 1664
Delta R.T. 0.00 min
Lab File: VW003952.D
Acq: 16 Jul 2018 14:59

Tgt Ion:131 Resp: 143973
Ion Ratio Lower Upper
131 100
133 96.0 47.9 143.8
119 65.4 32.5 97.5





#67

Ethyl Benzene

Concen: 48.87 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VW003952.D

Acq: 16 Jul 2018 14:59

Instrument :

MSVOA_W

ClientSampleId :

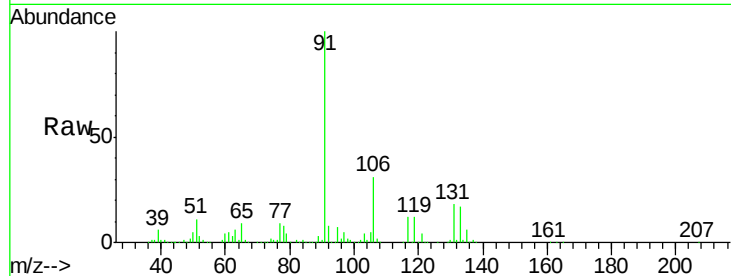
ICVW071618

Tot Ion: 91 Resp: 733104

Ion Ratio Lower Upper

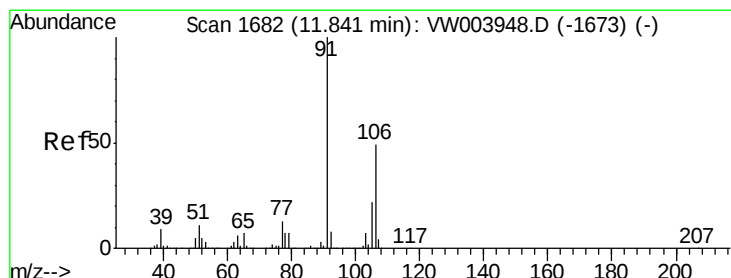
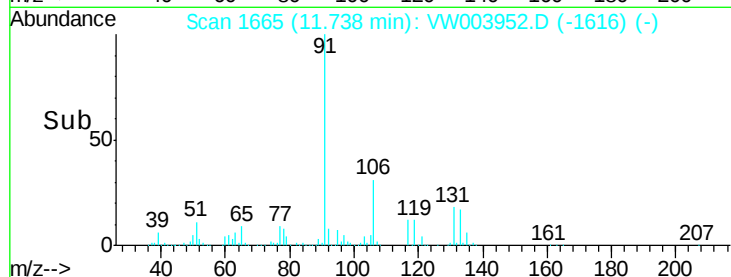
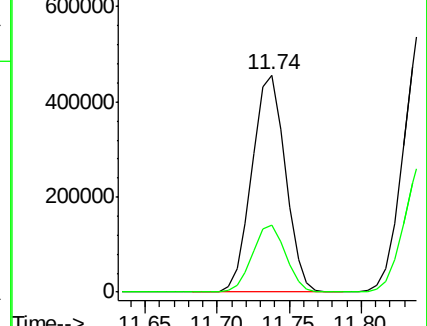
91 100

106 31.0 25.0 37.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70):



#68

m/p-Xylenes

Concen: 97.50 ug/l

RT: 11.85 min Scan# 1683

Delta R.T. 0.01 min

Lab File: VW003952.D

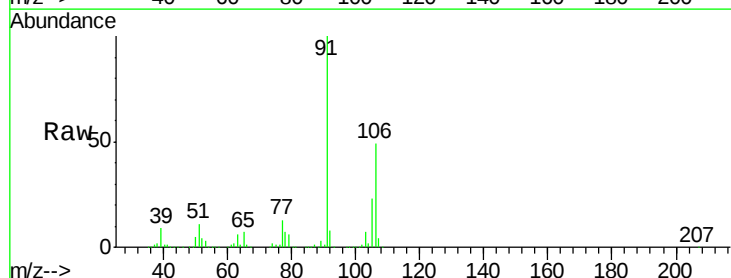
Acq: 16 Jul 2018 14:59

Tgt Ion: 106 Resp: 559070

Ion Ratio Lower Upper

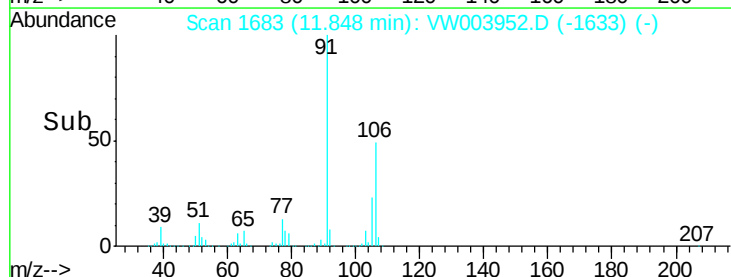
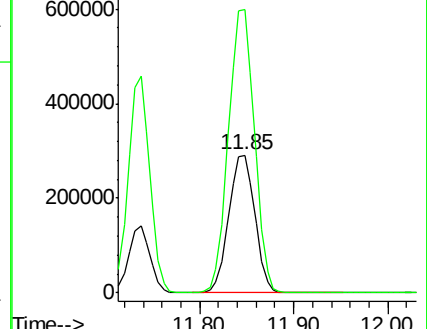
106 100

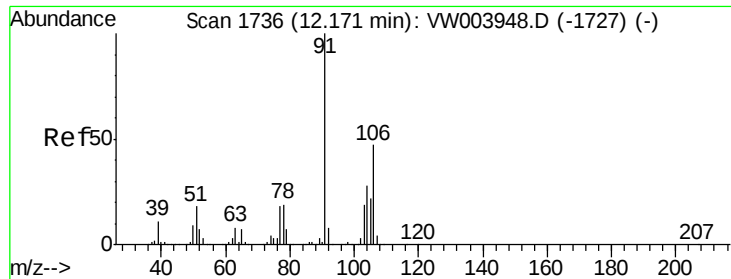
91 205.0 164.2 246.2



Abundance Ion 106.00 (105.70 to 106.70):

Ion 91.00 (90.70 to 91.70): VW

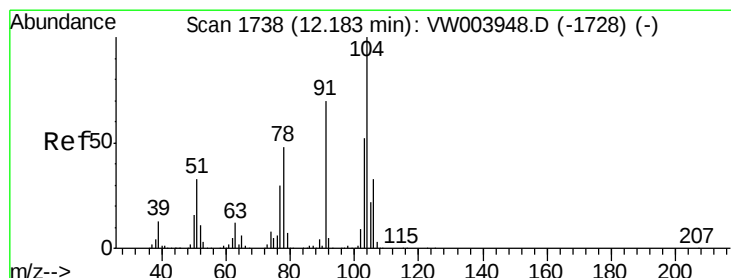
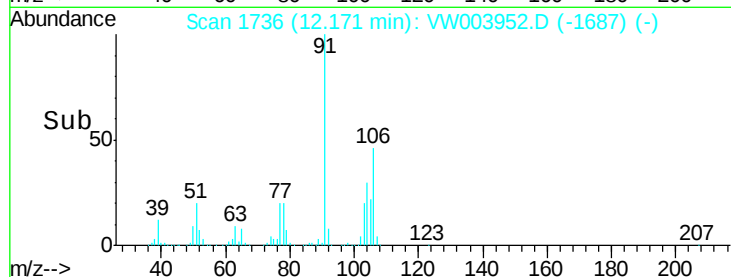
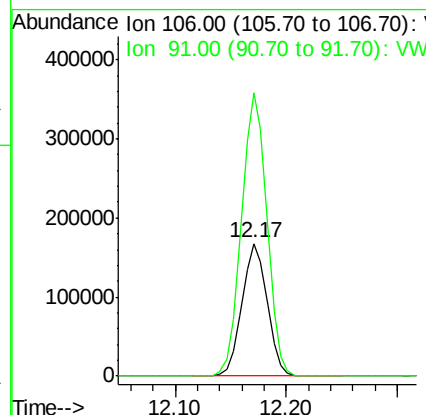
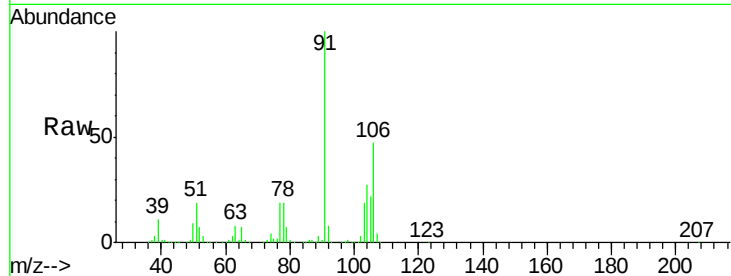




#69
o-Xylene
Concen: 49.13 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003952.D
Acq: 16 Jul 2018 14:59

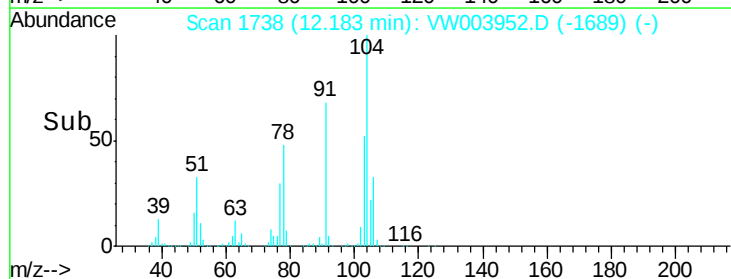
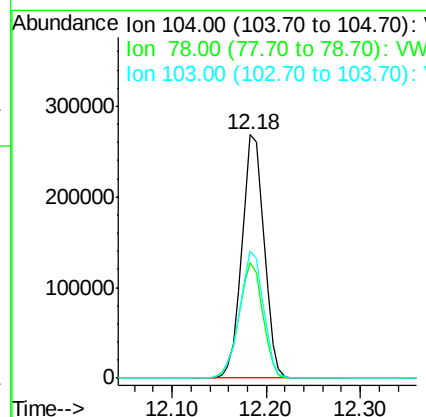
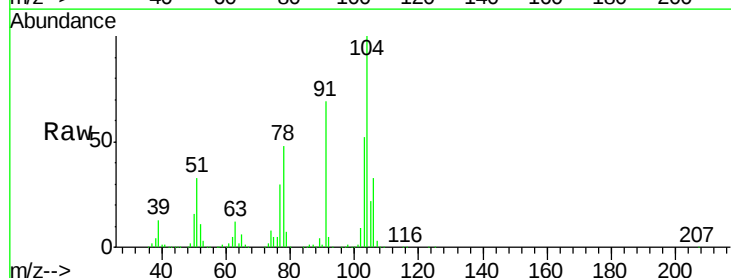
Instrument :
MSVOA_W
ClientSampleId :
ICVW071618

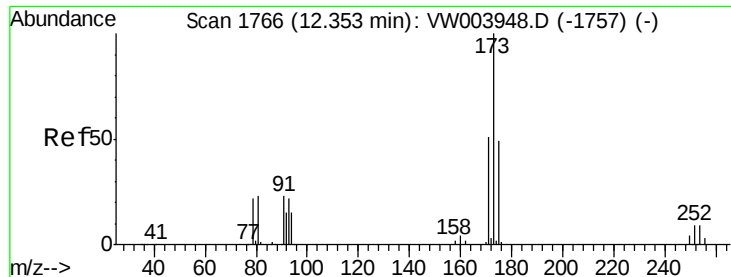
Tot Ion:106 Resp: 261314
Ion Ratio Lower Upper
106 100
91 216.1 107.5 322.6



#70
Styrene
Concen: 49.73 ug/l
RT: 12.18 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VW003952.D
Acq: 16 Jul 2018 14:59

Tgt Ion:104 Resp: 441763
Ion Ratio Lower Upper
104 100
78 50.9 41.0 61.4
103 55.6 44.6 67.0





#71

Bromoform

Concen: 48.33 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW003952.D

Acq: 16 Jul 2018 14:59

Instrument :

MSVOA_W

ClientSampleId :

ICVW071618

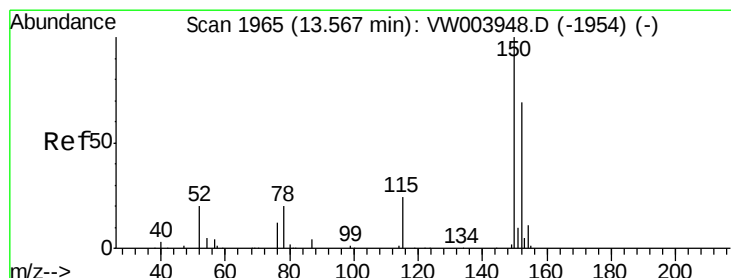
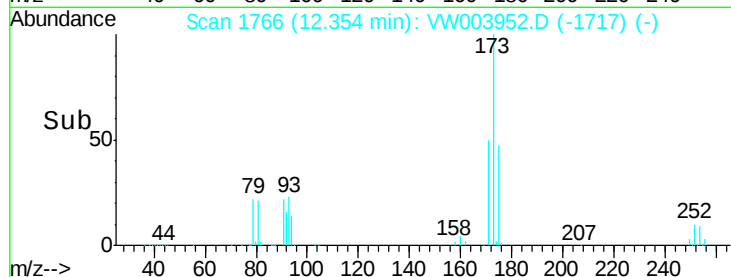
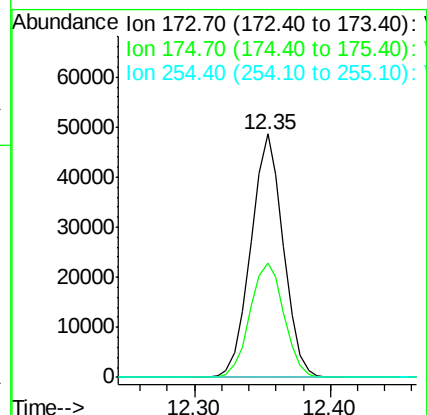
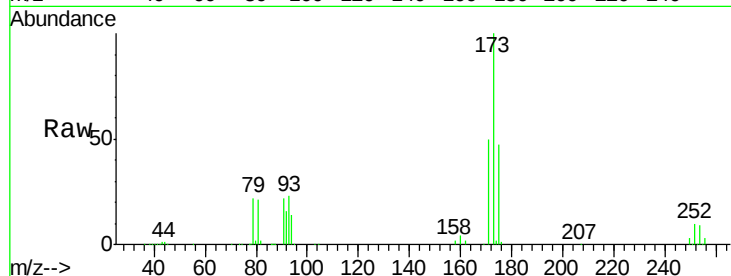
Tot Ion:173 Resp: 80978

Ion Ratio Lower Upper

173 100

175 49.2 24.4 73.2

254 0.1 0.1 0.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW003952.D

Acq: 16 Jul 2018 14:59

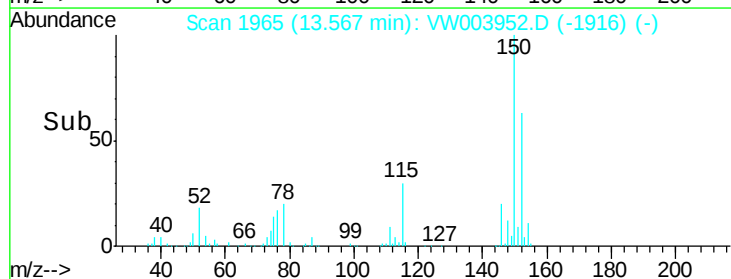
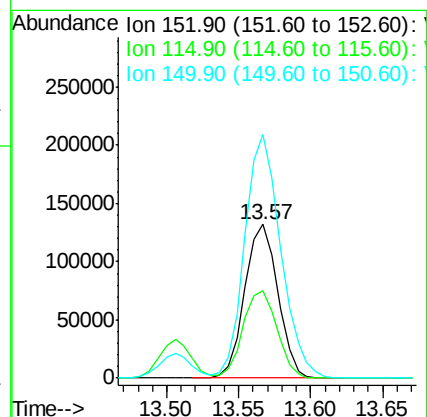
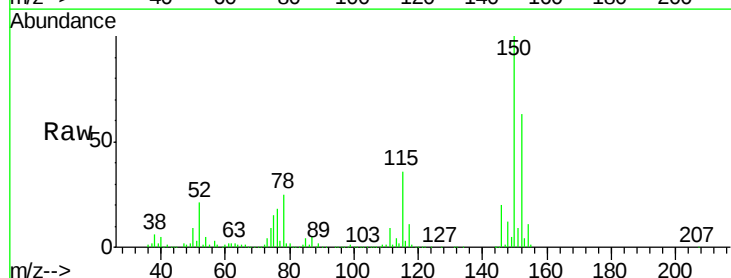
Tgt Ion:152 Resp: 210340

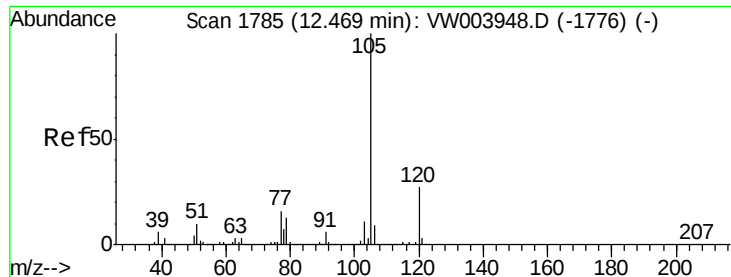
Ion Ratio Lower Upper

152 100

115 58.2 29.2 87.6

150 172.4 0.0 345.2





#73

Isopropylbenzene

Concen: 48.04 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW003952.D

Acq: 16 Jul 2018 14:59

Instrument :

MSVOA_W

ClientSampleId :

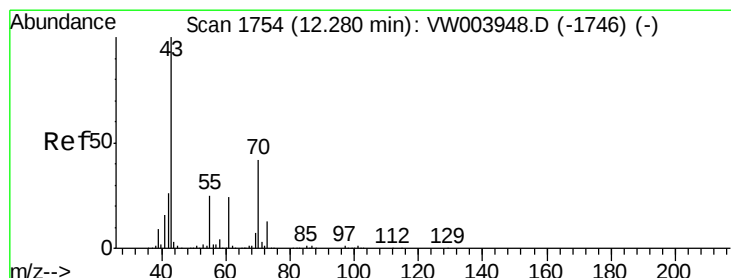
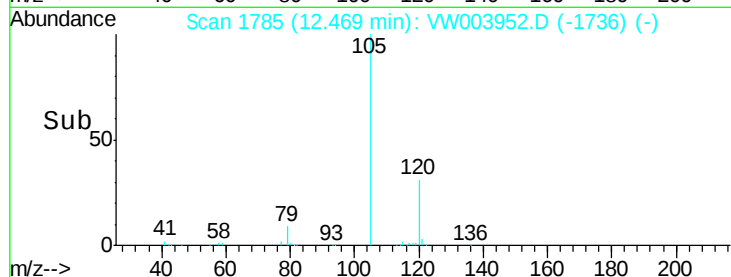
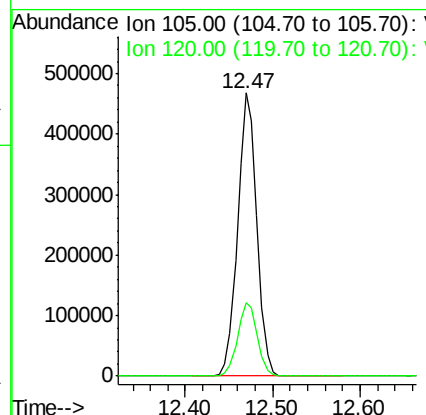
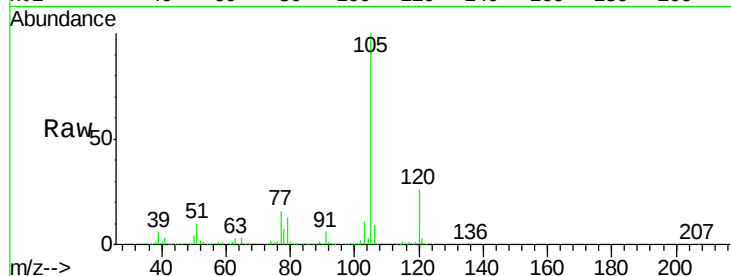
ICVW071618

Tot Ion:105 Resp: 714026

Ion Ratio Lower Upper

105 100

120 26.5 13.2 39.6



#74

N-ethyl acetate

Concen: 50.46 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW003952.D

Acq: 16 Jul 2018 14:59

Tgt Ion: 43 Resp: 195414

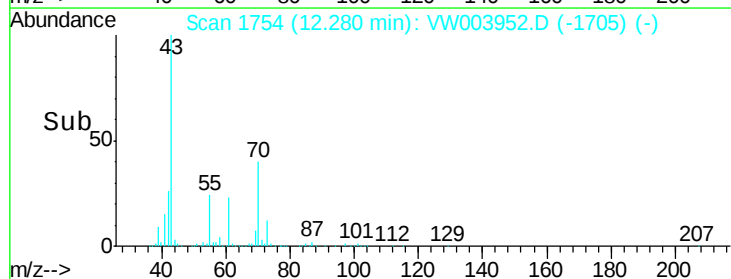
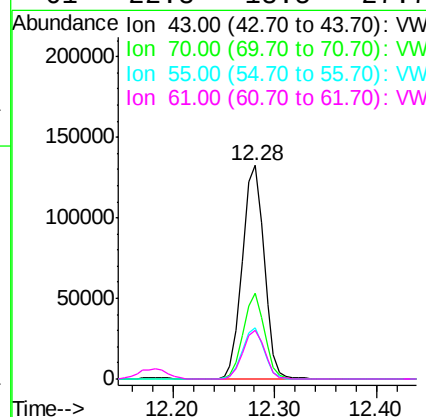
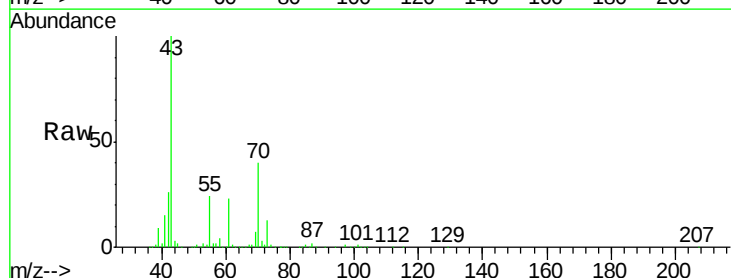
Ion Ratio Lower Upper

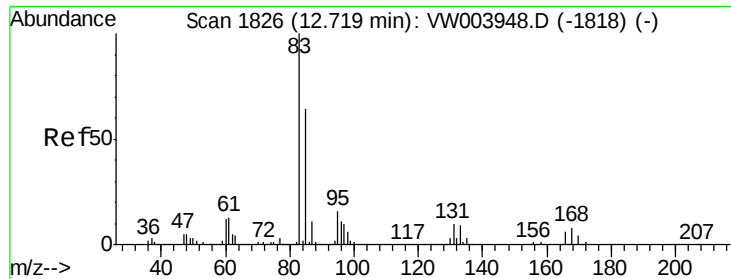
43 100

70 39.0 31.6 47.4

55 23.9 20.0 30.0

61 22.8 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 47.43 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW003952.D

Acq: 16 Jul 2018 14:59

Instrument :

MSVOA_W

ClientSampleId :

ICVW071618

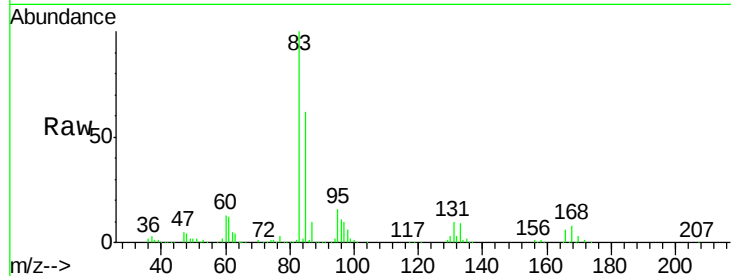
Tot Ion: 83 Resp: 136323

Ion Ratio Lower Upper

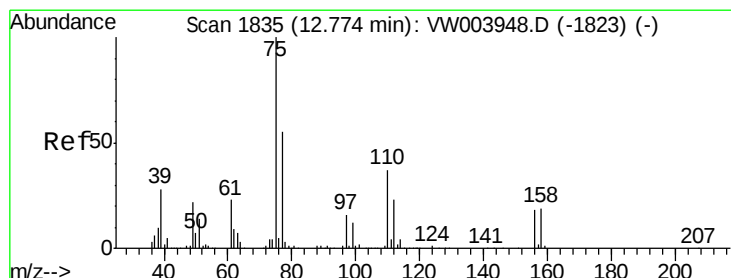
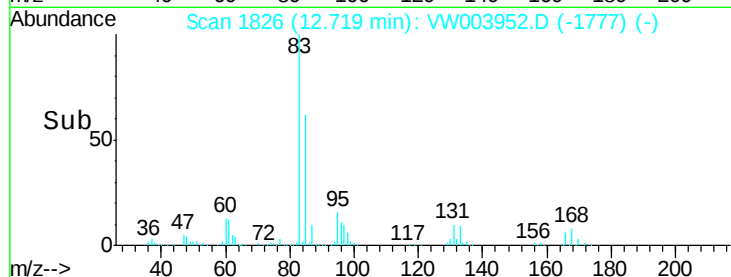
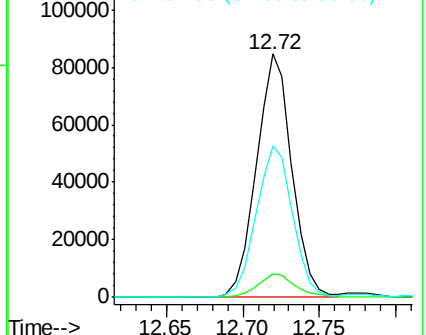
83 100

131 10.2 5.3 15.8

85 64.1 32.2 96.6



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: 88.11 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VW003952.D

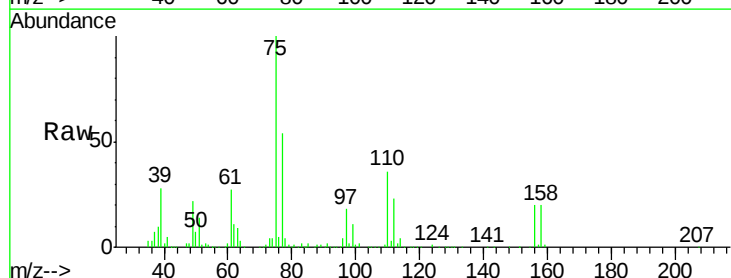
Acq: 16 Jul 2018 14:59

Tgt Ion: 75 Resp: 183991

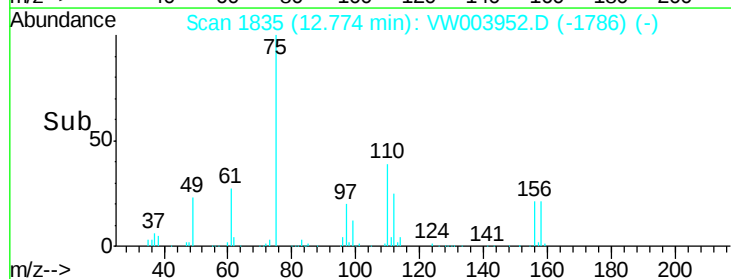
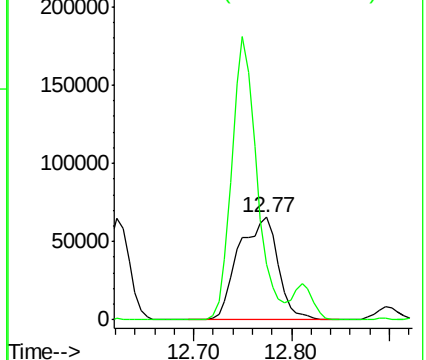
Ion Ratio Lower Upper

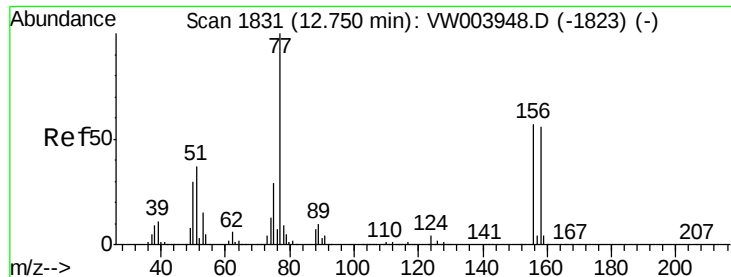
75 100

77 0.0 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: 47.44 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VW003952.D

Acq: 16 Jul 2018 14:59

Instrument :

MSVOA_W

ClientSampleId :

ICVW071618

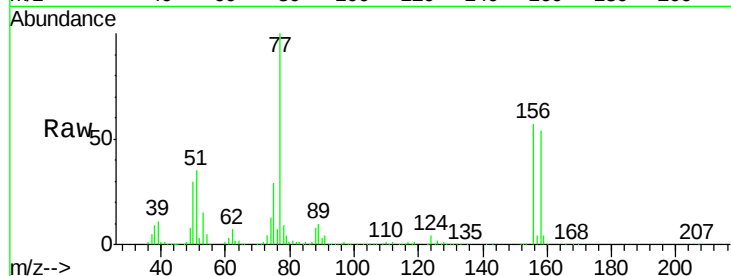
Tot Ion:156 Resp: 168710

Ion Ratio Lower Upper

156 100

77 192.4 96.2 288.6

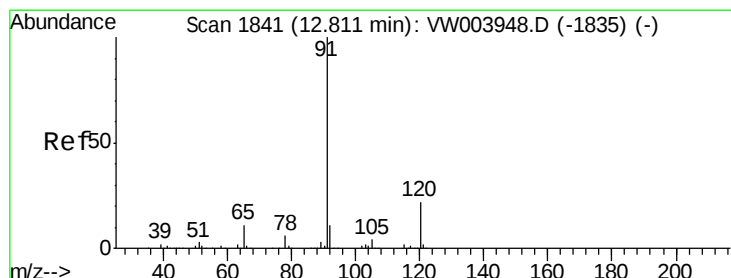
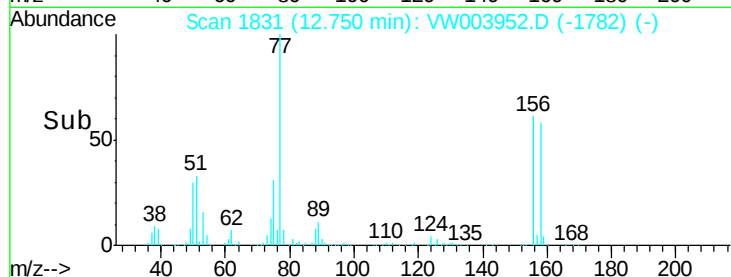
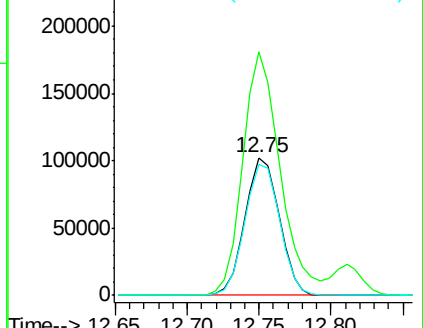
158 96.9 48.5 145.5



Abundance Ion 155.80 (155.50 to 156.50):

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50):



#78

n-propylbenzene

Concen: 48.25 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VW003952.D

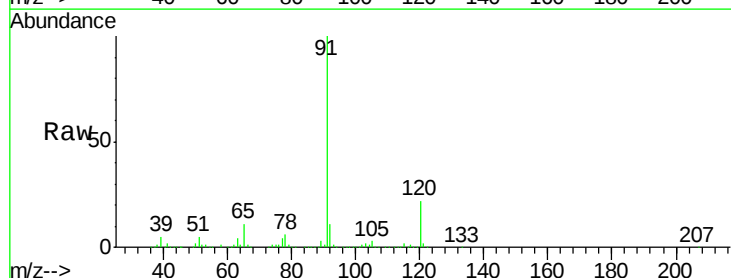
Acq: 16 Jul 2018 14:59

Tgt Ion: 91 Resp: 879789

Ion Ratio Lower Upper

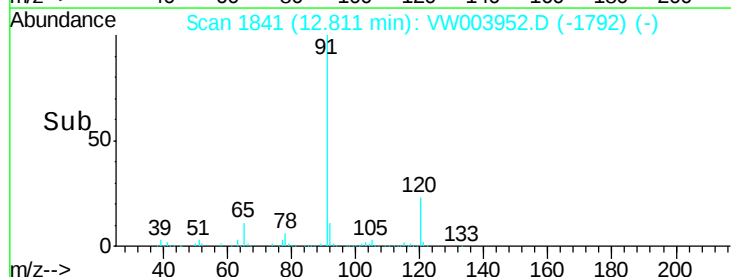
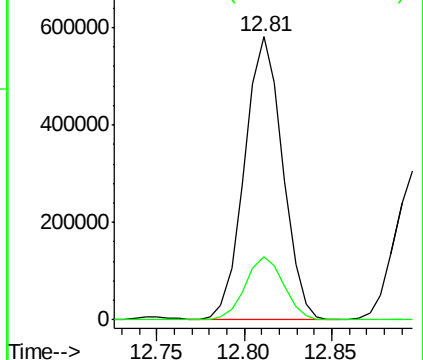
91 100

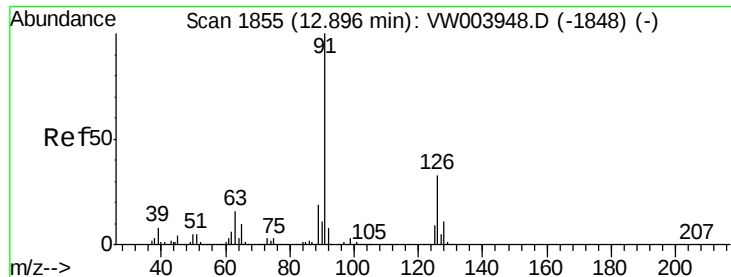
120 22.6 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70):





#79

2-Chlorotoluene

Concen: 48.10 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW003952.D

Acq: 16 Jul 2018 14:59

Instrument :

MSVOA_W

ClientSampled :

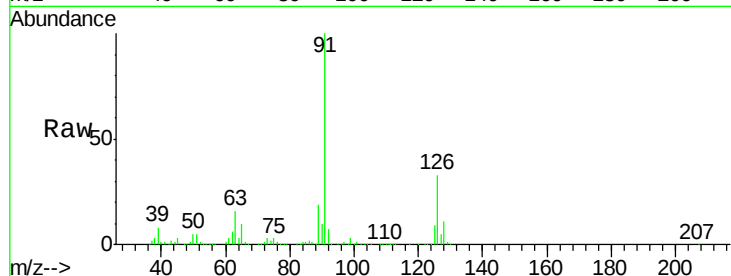
ICVW071618

Tot Ion: 91 Resp: 494677

Ion Ratio Lower Upper

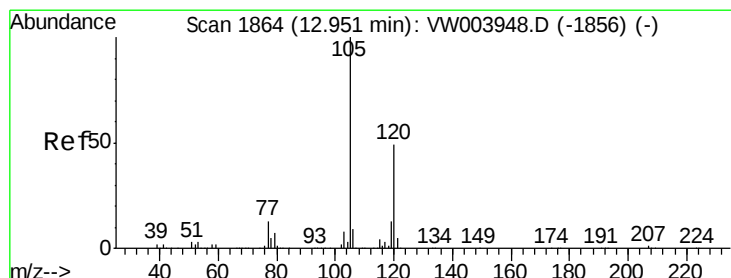
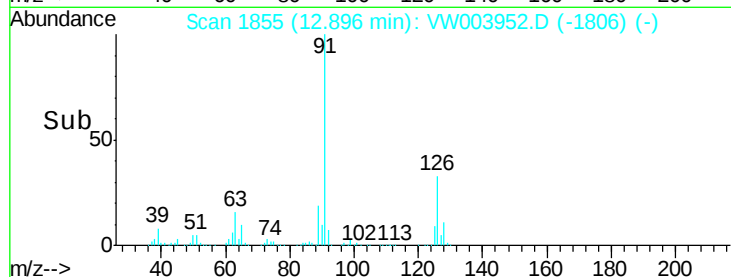
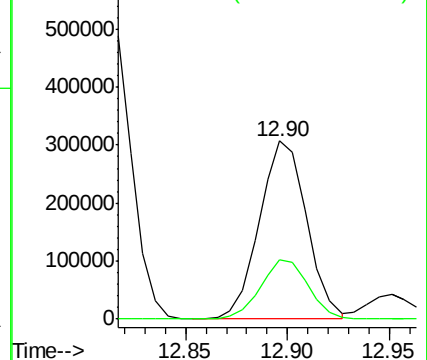
91 100

126 33.6 17.0 51.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60):



#80

1,3,5-Trimethylbenzene

Concen: 48.16 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW003952.D

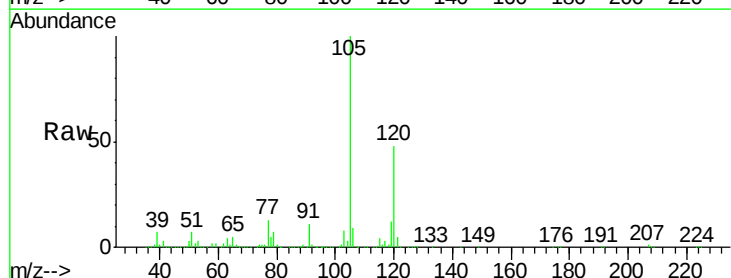
Acq: 16 Jul 2018 14:59

Tgt Ion: 105 Resp: 602351

Ion Ratio Lower Upper

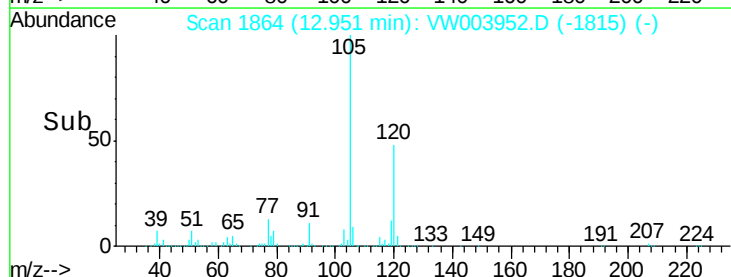
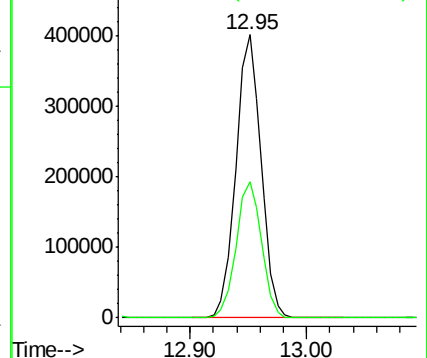
105 100

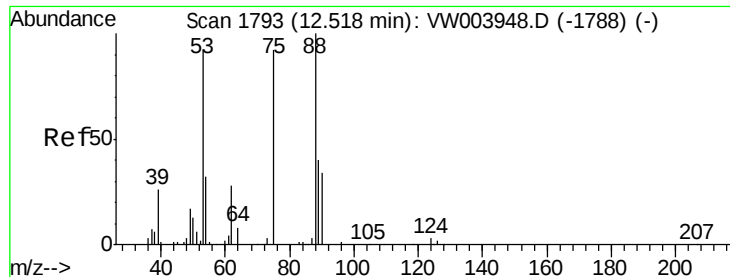
120 48.6 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70):

Ion 120.00 (119.70 to 120.70):





#81

trans-1,4-Dichloro-2-butene

Concen: 49.00 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VW003952.D

Acq: 16 Jul 2018 14:59

Instrument :

MSVOA_W

ClientSampleId :

ICVW071618

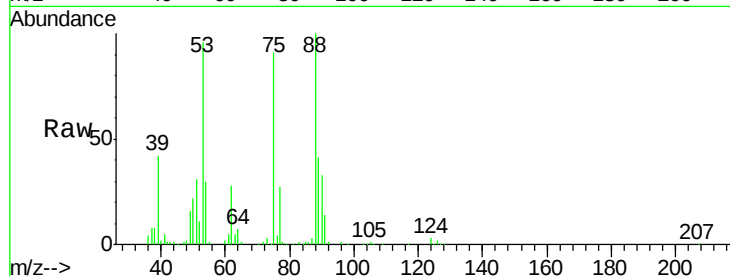
Tot Ion: 75 Resp: 46260

Ion Ratio Lower Upper

75 100

53 101.0 77.6 116.4

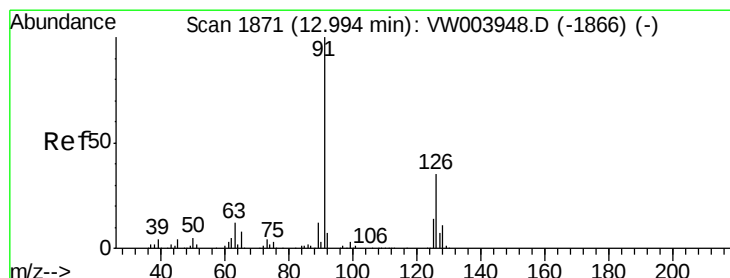
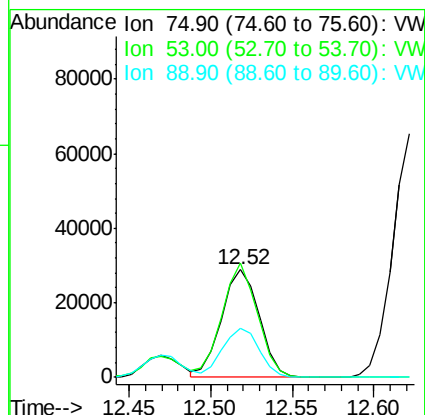
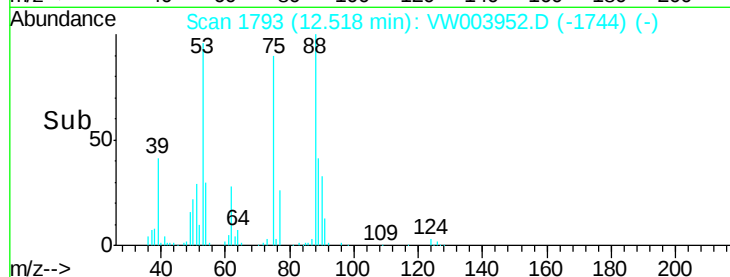
89 44.7 36.6 54.8



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 47.81 ug/l

RT: 12.99 min Scan# 1871

Delta R.T. 0.00 min

Lab File: VW003952.D

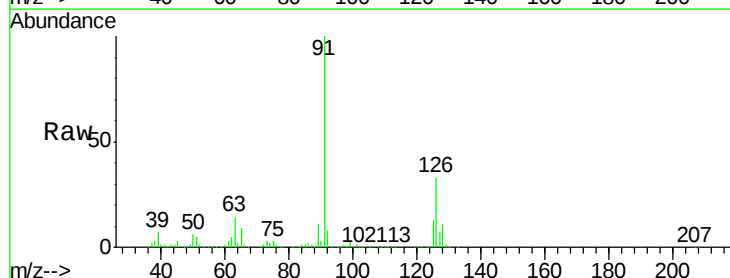
Acq: 16 Jul 2018 14:59

Tgt Ion: 91 Resp: 527659

Ion Ratio Lower Upper

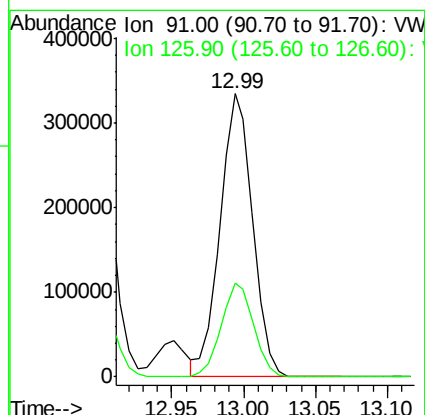
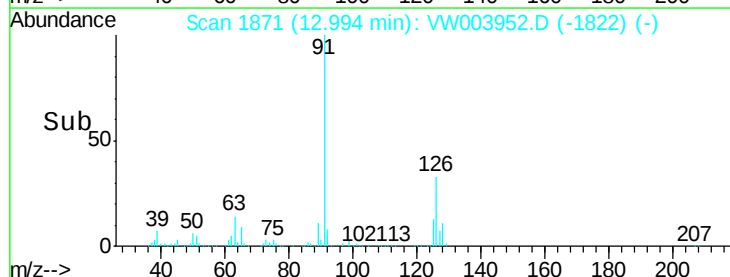
91 100

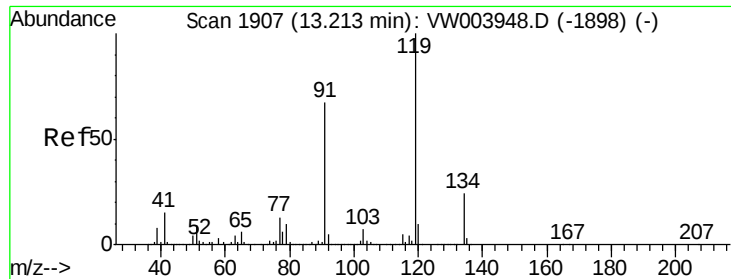
126 33.1 16.7 50.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): VW

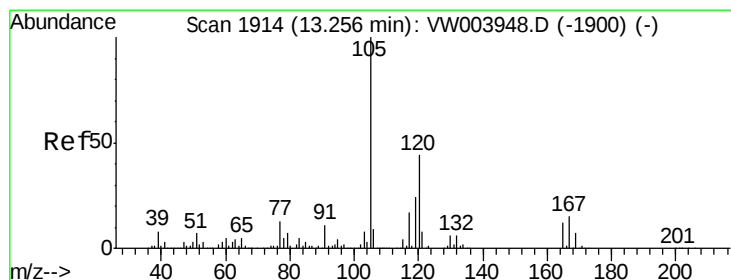
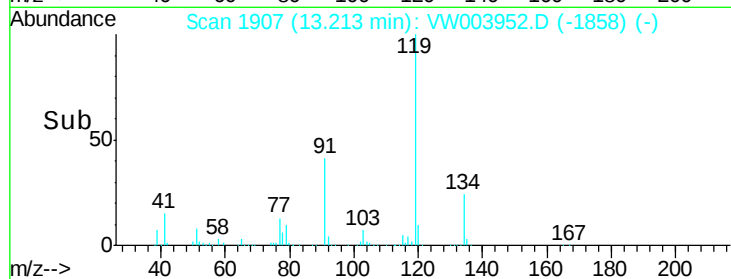
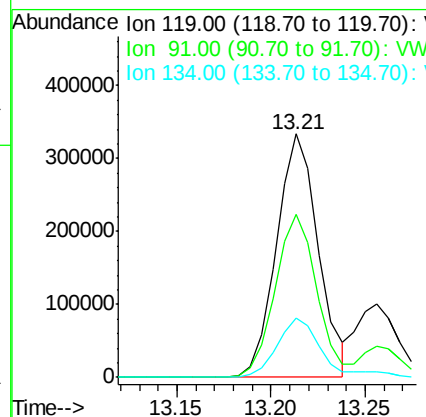
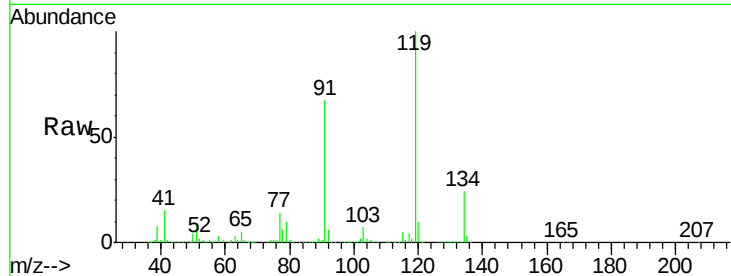




#83
tert-Butylbenzene
Concen: 48.79 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. 0.00 min
Lab File: VW003952.D
Acq: 16 Jul 2018 14:59

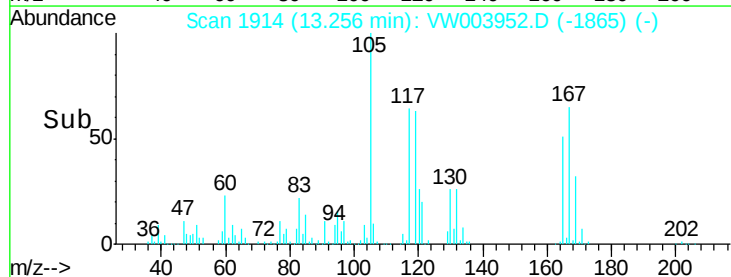
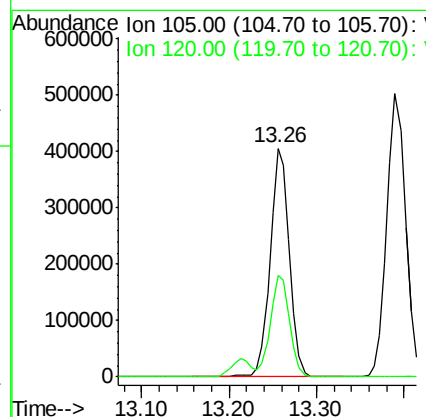
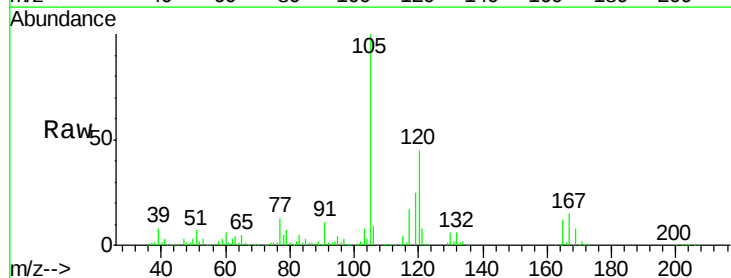
Instrument :
MSVOA_W
ClientSampleId :
ICVW071618

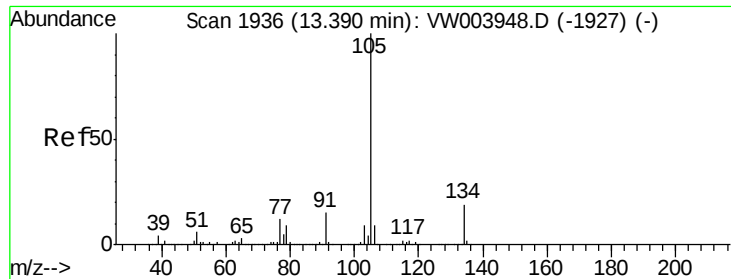
Tot Ion:119 Resp: 512306
Ion Ratio Lower Upper
119 100
91 66.3 33.2 99.6
134 26.3 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 48.57 ug/l
RT: 13.26 min Scan# 1914
Delta R.T. 0.00 min
Lab File: VW003952.D
Acq: 16 Jul 2018 14:59

Tgt Ion:105 Resp: 625042
Ion Ratio Lower Upper
105 100
120 44.5 22.1 66.1





#85

sec-Butylbenzene

Concen: 48.02 ug/l

RT: 13.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VW003952.D

Acq: 16 Jul 2018 14:59

Instrument :

MSVOA_W

ClientSampleId :

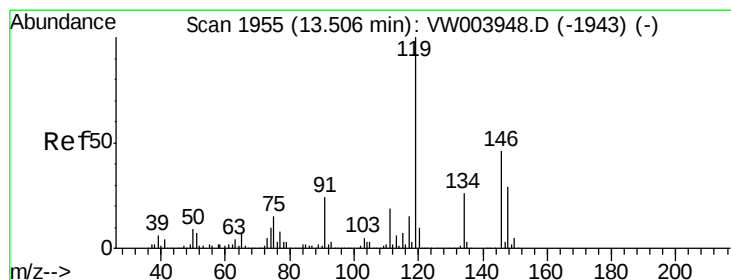
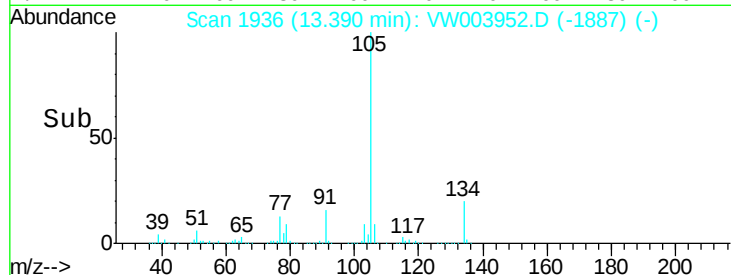
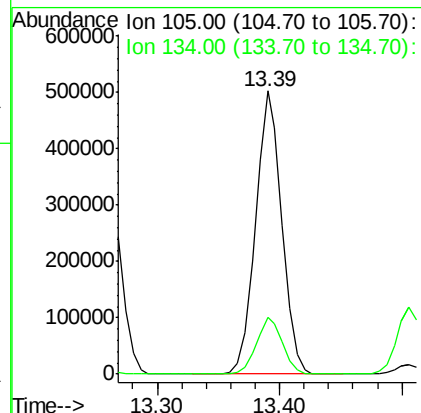
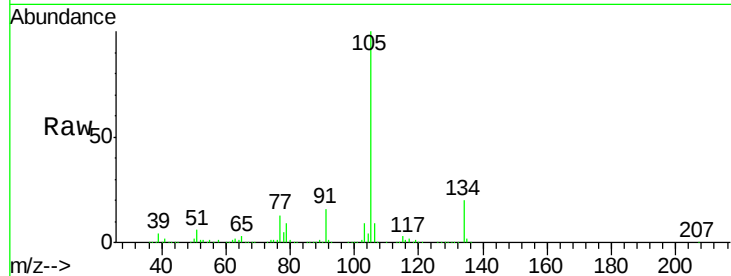
ICVW071618

Tot Ion:105 Resp: 748249

Ion Ratio Lower Upper

105 100

134 20.0 9.8 29.4



#86

p-Isopropyltoluene

Concen: 48.34 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW003952.D

Acq: 16 Jul 2018 14:59

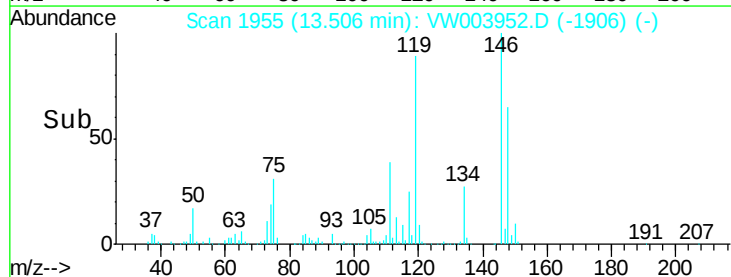
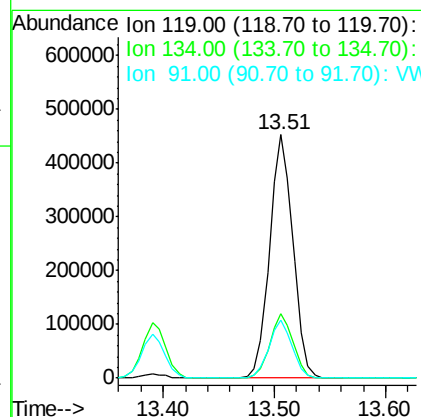
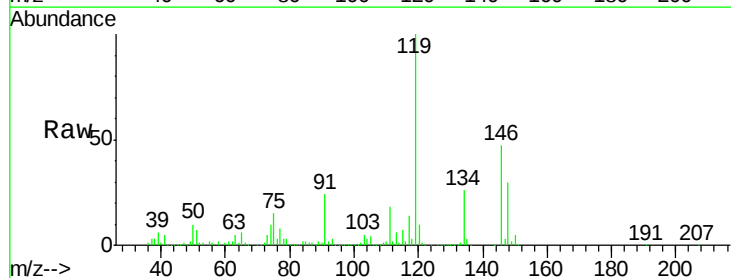
Tgt Ion:119 Resp: 660635

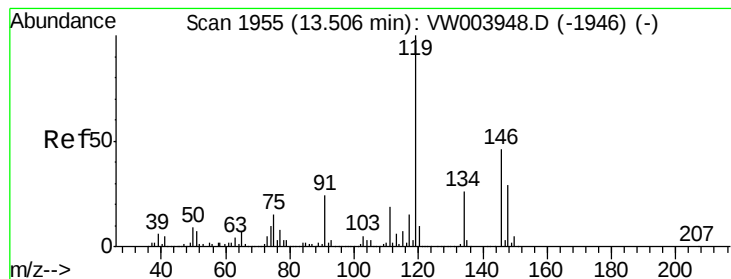
Ion Ratio Lower Upper

119 100

134 26.2 13.0 38.9

91 23.5 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 46.60 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW003952.D

Acq: 16 Jul 2018 14:59

Instrument :

MSVOA_W

ClientSampleId :

ICVW071618

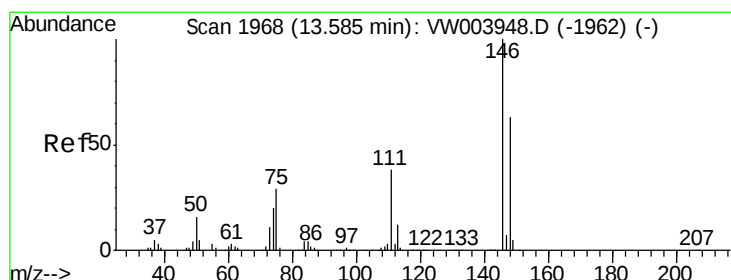
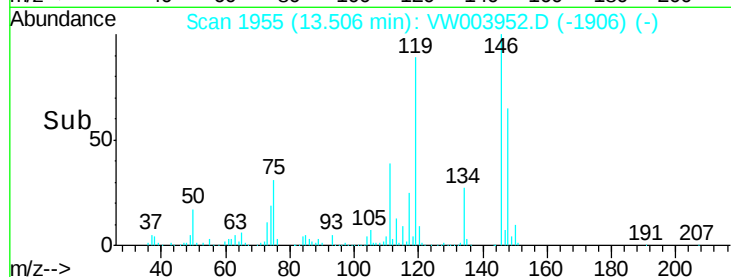
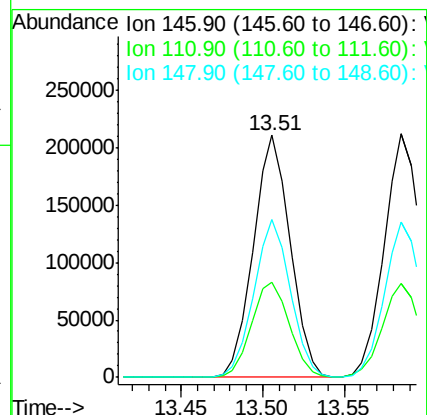
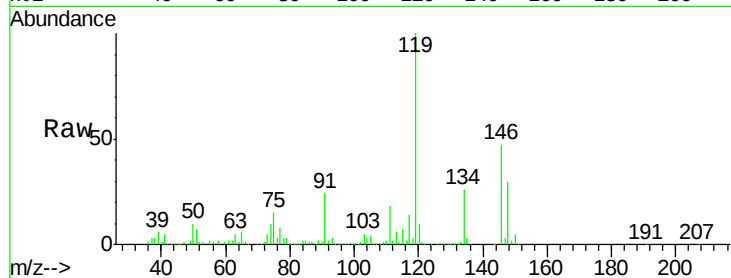
Tot Ion:146 Resp: 330997

Ion Ratio Lower Upper

146 100

111 40.4 19.9 59.6

148 64.7 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 46.58 ug/l

RT: 13.59 min Scan# 1968

Delta R.T. 0.00 min

Lab File: VW003952.D

Acq: 16 Jul 2018 14:59

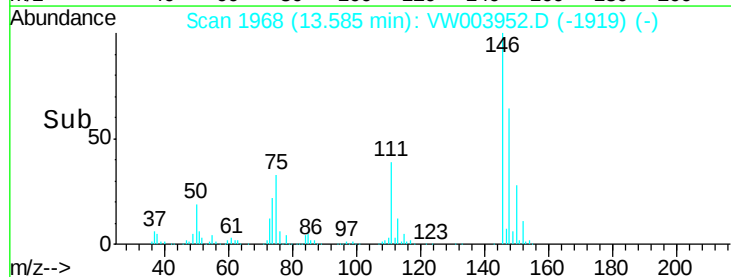
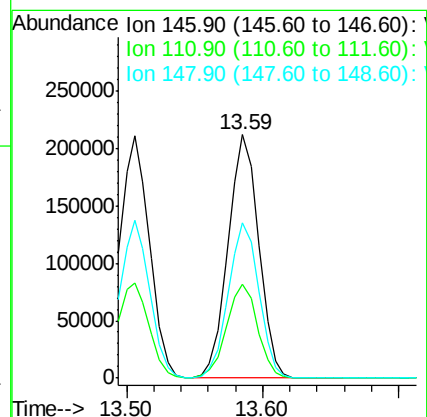
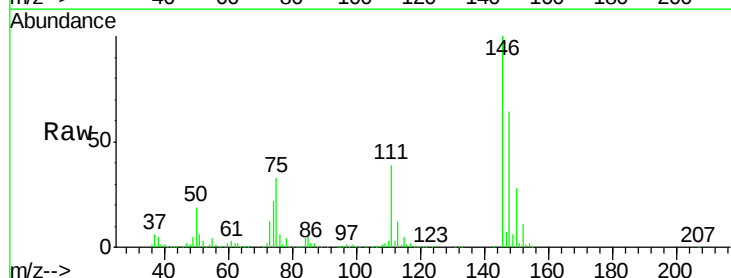
Tgt Ion:146 Resp: 331817

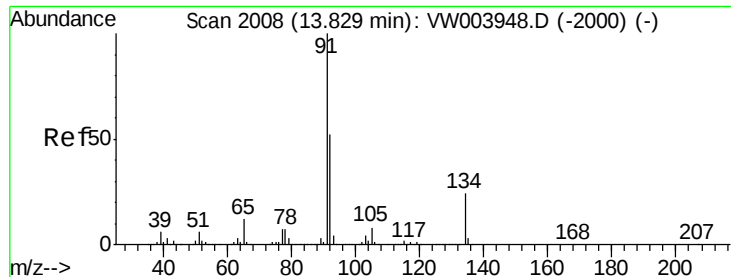
Ion Ratio Lower Upper

146 100

111 38.9 19.6 58.7

148 63.9 32.3 96.8





#89

n-Butylbenzene

Concen: 48.07 ug/l

RT: 13.84 min Scan# 2009

Delta R.T. 0.01 min

Lab File: VW003952.D

Acq: 16 Jul 2018 14:59

Instrument :

MSVOA_W

ClientSampleId :

ICVW071618

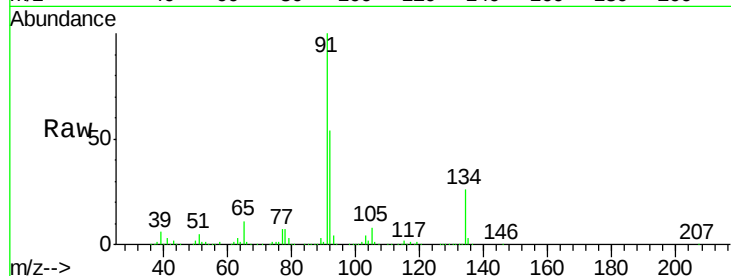
Tot Ion: 91 Resp: 645860

Ion Ratio Lower Upper

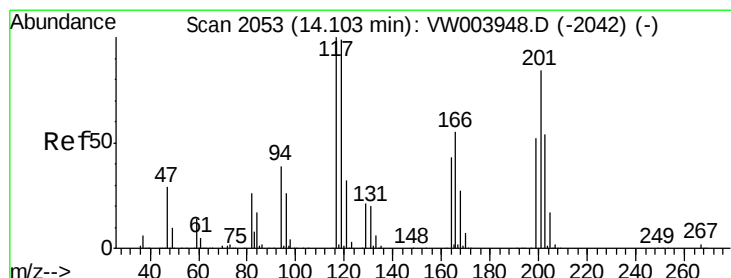
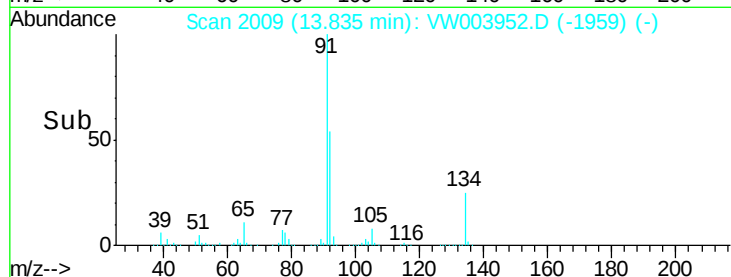
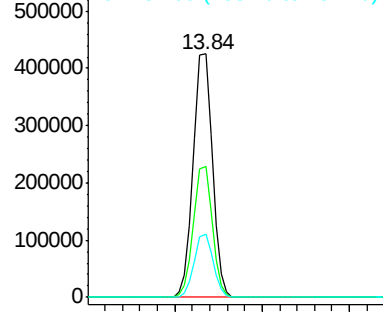
91 100

92 52.8 26.1 78.3

134 25.5 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 92.00 (91.70 to 92.70): VW
Ion 134.00 (133.70 to 134.70):



#90

Hexachloroethane

Concen: 47.69 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. 0.00 min

Lab File: VW003952.D

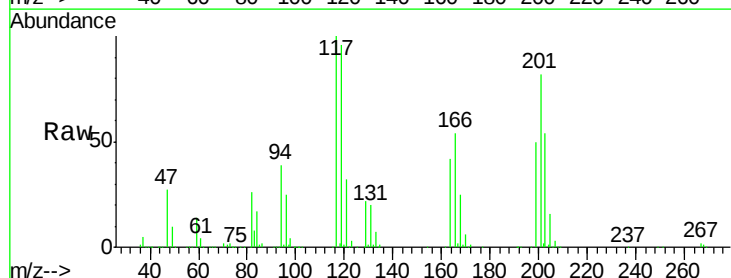
Acq: 16 Jul 2018 14:59

Tgt Ion: 117 Resp: 120149

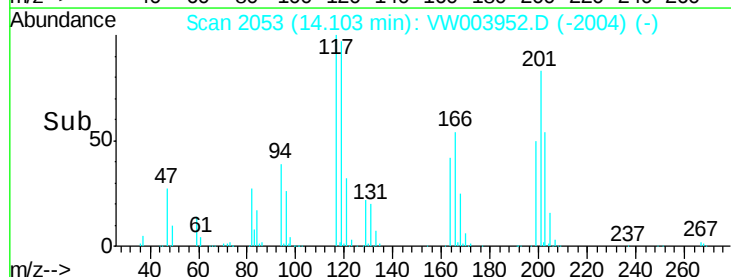
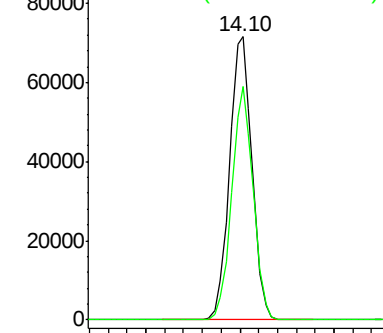
Ion Ratio Lower Upper

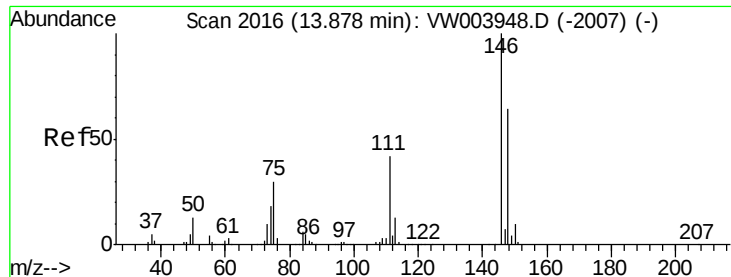
117 100

201 78.6 40.3 120.9



Abundance Ion 116.80 (116.50 to 117.50):
Ion 200.70 (200.40 to 201.40):

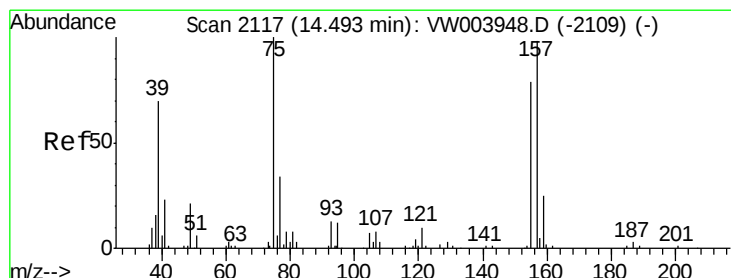
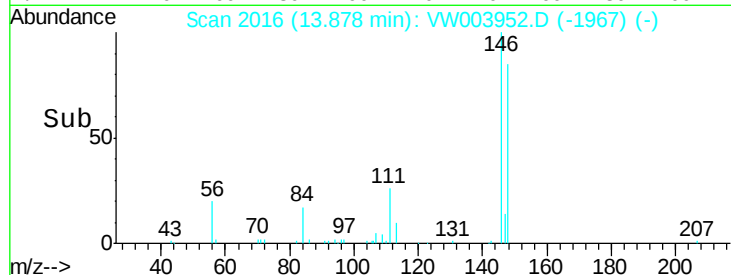
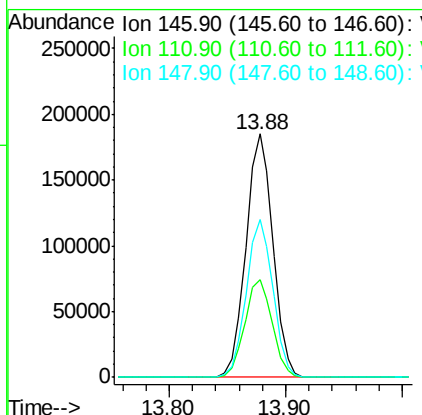
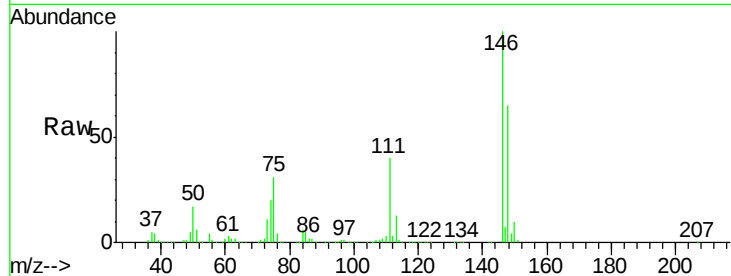




#91
 1,2-Dichlorobenzene
 Concen: 47.11 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW003952.D
 Acq: 16 Jul 2018 14:59

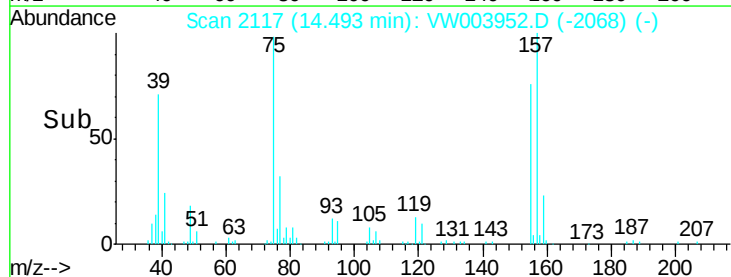
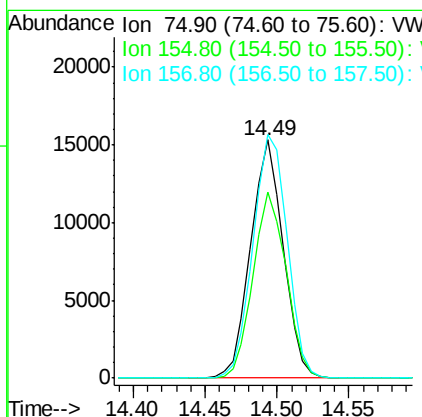
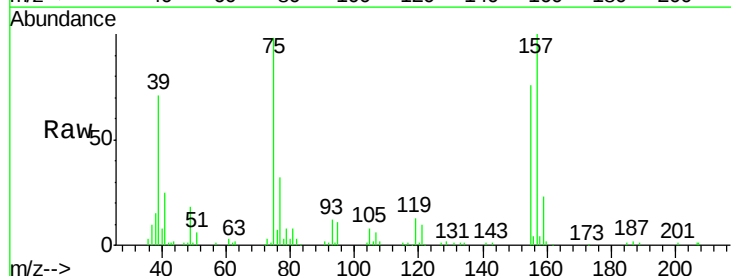
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW071618

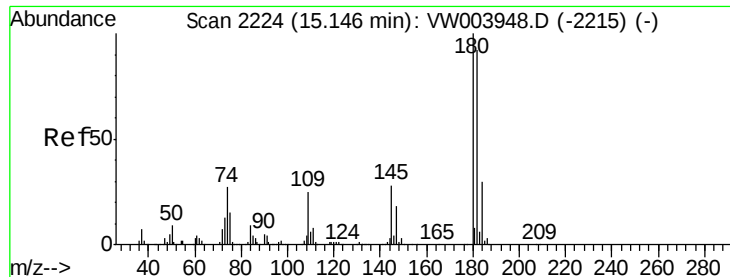
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.7	62.1
148	64.2	32.0	96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.65 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW003952.D
 Acq: 16 Jul 2018 14:59

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.5	39.4	118.1
157	107.4	51.8	155.4

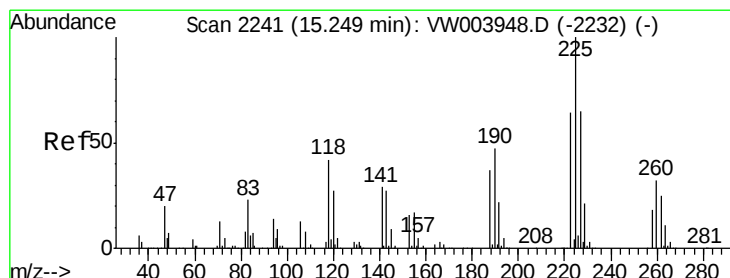
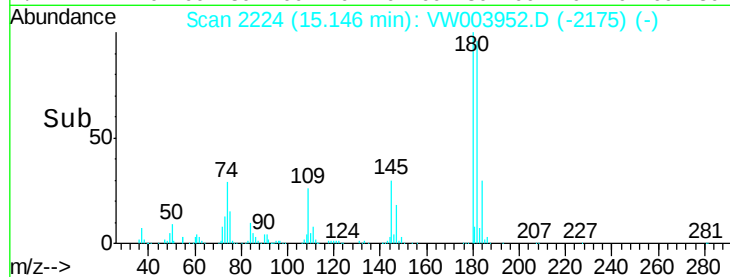
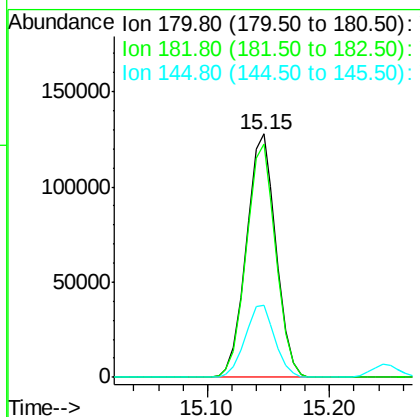
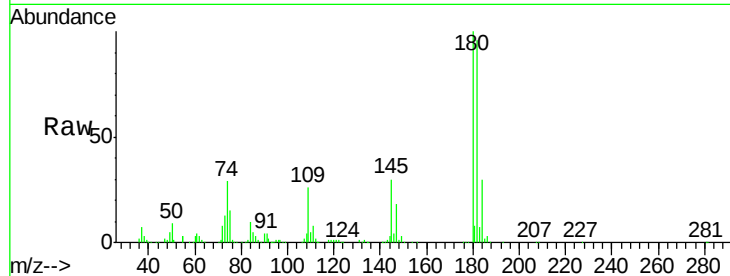




#93
 1,2,4-Trichlorobenzene
 Concen: 48.07 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW003952.D
 Acq: 16 Jul 2018 14:59

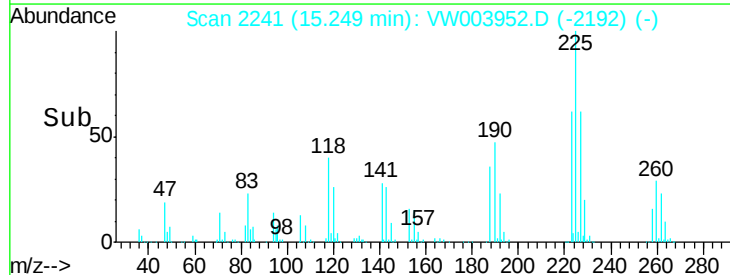
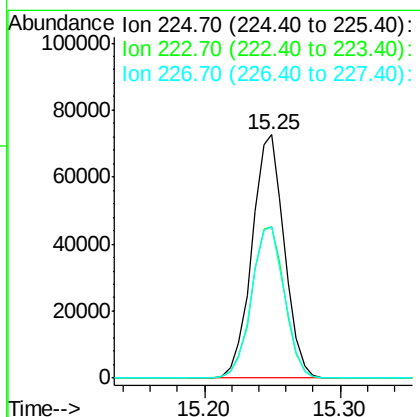
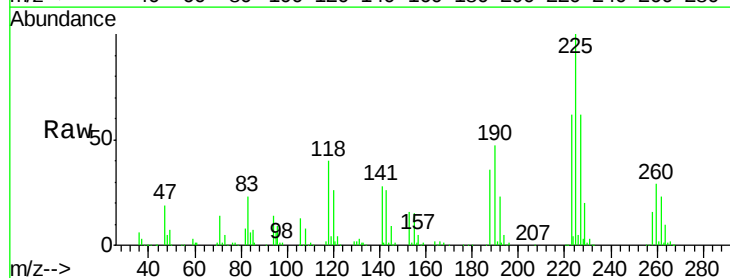
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW071618

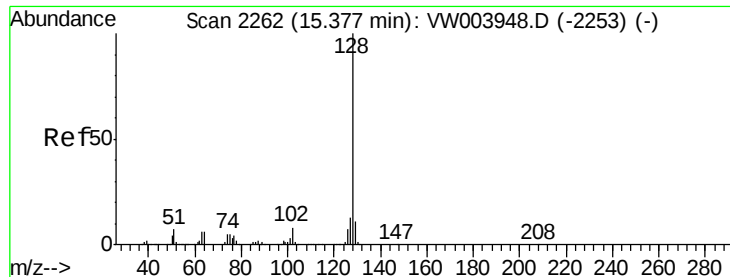
Tot Ion:180 Resp: 213682
 Ion Ratio Lower Upper
 180 100
 182 95.7 46.9 140.8
 145 30.1 15.0 45.0



#94
 Hexachlorobutadiene
 Concen: 47.32 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: VW003952.D
 Acq: 16 Jul 2018 14:59

Tgt Ion:225 Resp: 120769
 Ion Ratio Lower Upper
 225 100
 223 63.6 32.0 96.2
 227 63.5 32.3 96.9





#95

Naphthalene

Concen: 50.16 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VW003952.D

Acq: 16 Jul 2018 14:59

Instrument :

MSVOA_W

ClientSampleId :

ICVW071618

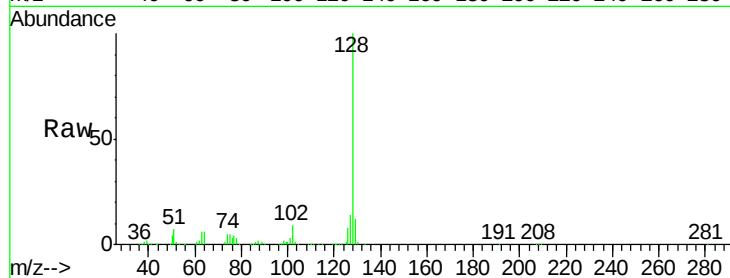
Tot Ion:128 Resp: 411473

Ion Ratio Lower Upper

128 100

127 13.5 10.7 16.1

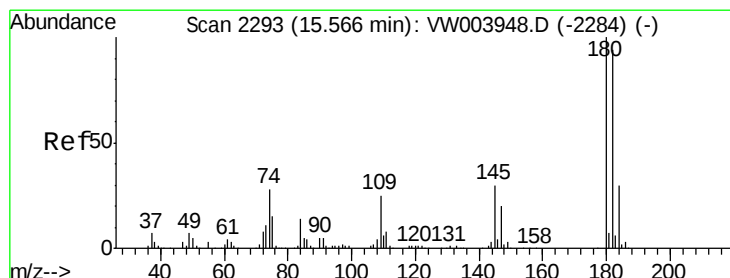
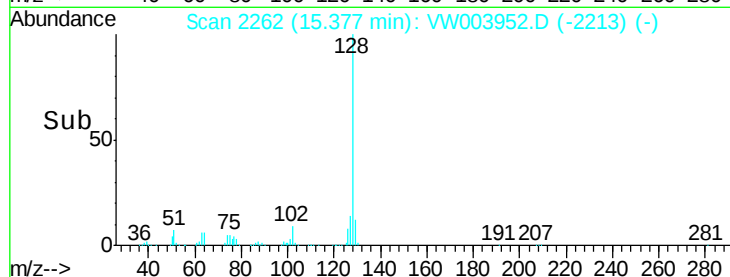
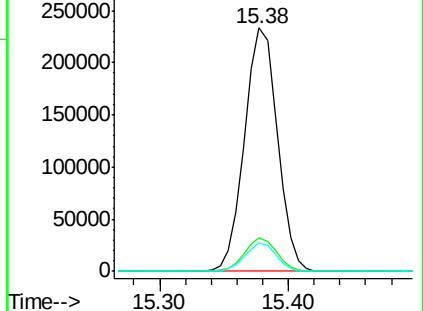
129 11.1 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70):

Ion 127.00 (126.70 to 127.70):

Ion 129.00 (128.70 to 129.70):



#96

1,2,3-Trichlorobenzene

Concen: 48.09 ug/l

RT: 15.57 min Scan# 2293

Delta R.T. 0.00 min

Lab File: VW003952.D

Acq: 16 Jul 2018 14:59

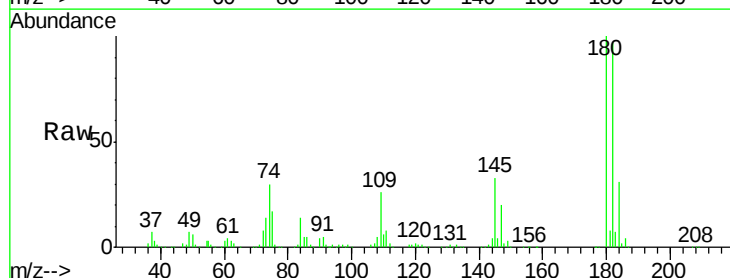
Tgt Ion:180 Resp: 189248

Ion Ratio Lower Upper

180 100

182 94.8 47.5 142.6

145 32.0 15.8 47.4



Abundance Ion 179.80 (179.50 to 180.50):

Ion 181.80 (181.50 to 182.50):

Ion 144.90 (144.60 to 145.60):

