

Data File : VW009018.D
Acq On : 06 Mar 2019 15:30
Operator : SY/VA
Sample : VSTDICV050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ICVW030619

Quant Time: Mar 07 07:25:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030619S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 07 07:22:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	322460	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	453201	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	435858	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	239145	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	149261	46.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.28%	
35) Dibromofluoromethane	7.88	113	138224	50.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.32%	
50) Toluene-d8	10.32	98	614197	54.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.56%	
62) 4-Bromofluorobenzene	12.62	95	227443	52.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	152692	47.667	ug/l	98
3) Chloromethane	2.21	50	200751	49.755	ug/l	98
4) Vinyl Chloride	2.35	62	203405	50.307	ug/l	98
5) Bromomethane	2.77	94	159816	45.011	ug/l	100
6) Chloroethane	2.92	64	143850	50.178	ug/l	95
7) Trichlorofluoromethane	3.26	101	254950	48.951	ug/l	98
8) Diethyl Ether	3.68	74	72237	44.431	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	154271	47.733	ug/l	98
10) Methyl Iodide	4.27	142	188046	50.702	ug/l	100
11) Tert butyl alcohol	5.18	59	46255	199.455	ug/l	99
12) 1,1-Dichloroethene	4.04	96	138677	49.242	ug/l	97
13) Acrolein	3.89	56	49218	185.537	ug/l	99
14) Allyl chloride	4.67	41	246773	50.683	ug/l	100
15) Acrylonitrile	5.37	53	149600	214.930	ug/l	99
16) Acetone	4.13	43	163126	245.503	ug/l	98
17) Carbon Disulfide	4.38	76	471883	49.997	ug/l	99
18) Methyl Acetate	4.67	43	66928	44.184	ug/l	95
19) Methyl tert-butyl Ether	5.42	73	325291	44.619	ug/l	98
20) Methylene Chloride	4.92	84	154766	45.507	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	157318	48.836	ug/l	95
22) Diisopropyl ether	6.31	45	470785	48.422	ug/l	98
23) Vinyl Acetate	6.26	43	1383117	228.411	ug/l	100
24) 1,1-Dichloroethane	6.21	63	271812	48.082	ug/l	97
25) 2-Butanone	7.17	43	204805	216.670	ug/l	98
26) 2,2-Dichloropropane	7.17	77	260545	50.384	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	165141	48.696	ug/l	98
28) Bromochloromethane	7.51	49	110744	45.129	ug/l	98
29) Tetrahydrofuran	7.52	42	122611	206.474	ug/l	99
30) Chloroform	7.67	83	277367	47.921	ug/l	99
31) Cyclohexane	7.95	56	280105	48.182	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	267528	50.322	ug/l	99
36) 1,1-Dichloropropene	8.08	75	232977	51.700	ug/l	99
37) Ethyl Acetate	7.25	43	87904	44.102	ug/l	98
38) Carbon Tetrachloride	8.07	117	241331	51.751	ug/l	97

Data File : VW009018.D
Acq On : 06 Mar 2019 15:30
Operator : SY/VA
Sample : VSTDICV050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ICVW030619

Quant Time: Mar 07 07:25:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030619S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 07 07:22:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	295780	54.333	ug/l	99
40) Benzene	8.32	78	618958	50.923	ug/l	98
41) Methacrylonitrile	7.48	41	52261	44.204	ug/l	95
42) 1,2-Dichloroethane	8.40	62	178835	45.842	ug/l	99
43) Isopropyl Acetate	8.43	43	173496	44.279	ug/l	99
44) Trichloroethene	9.09	130	169509	50.015	ug/l	98
45) 1,2-Dichloropropane	9.37	63	147619	48.990	ug/l	98
46) Dibromomethane	9.46	93	75269	45.279	ug/l	98
47) Bromodichloromethane	9.64	83	201461	48.343	ug/l	97
48) Methyl methacrylate	9.43	41	82873	44.761	ug/l	94
49) 1,4-Dioxane	9.46	88	21832	960.704	ug/l #	90
51) 4-Methyl-2-Pentanone	10.21	43	450054	227.138	ug/l	99
52) Toluene	10.39	92	436966	53.254	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	200497	48.501	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	237657	50.360	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	103786	45.967	ug/l	98
56) Ethyl methacrylate	10.65	69	139385	49.908	ug/l	99
57) 1,3-Dichloropropane	10.93	76	184814	46.547	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	328512	221.674	ug/l	100
59) 2-Hexanone	10.97	43	341251	244.986	ug/l	97
60) Dibromochloromethane	11.13	129	129960	47.389	ug/l	100
61) 1,2-Dibromoethane	11.24	107	101476	47.418	ug/l	99
64) Tetrachloroethene	10.86	164	156901	52.136	ug/l	99
65) Chlorobenzene	11.66	112	468611	51.798	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	150766	49.623	ug/l	99
67) Ethyl Benzene	11.73	91	883330	53.852	ug/l	99
68) m/p-Xylenes	11.84	106	692245	106.955	ug/l	99
69) o-Xylene	12.16	106	320313	53.014	ug/l	98
70) Styrene	12.18	104	520759	53.204	ug/l	99
71) Bromoform	12.35	173	74704	46.147	ug/l	96
73) Isopropylbenzene	12.46	105	911049	55.656	ug/l	100
74) N-amyl acetate	12.27	43	193272	44.914	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	117582	46.053	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	173918	91.760	ug/l #	100
77) Bromobenzene	12.75	156	195400	52.730	ug/l	99
78) n-propylbenzene	12.80	91	1126795	56.071	ug/l	100
79) 2-Chlorotoluene	12.90	91	616576	54.339	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	768748	54.723	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	39295	45.380	ug/l	99
82) 4-Chlorotoluene	12.99	91	654075	54.192	ug/l	100
83) tert-Butylbenzene	13.21	119	690059	57.009	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	777967	54.095	ug/l	99
85) sec-Butylbenzene	13.38	105	991827	56.170	ug/l	99
86) p-Isopropyltoluene	13.50	119	875370	55.078	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	413729	52.152	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	409371	52.029	ug/l	99
89) n-Butylbenzene	13.83	91	847704	56.338	ug/l	99
90) Hexachloroethane	14.10	117	149475	54.898	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	355660	51.241	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	21436	45.935	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW030619\
Quantitation Report (Not Reviewed)

Data File : VW009018.D
Acq On : 06 Mar 2019 15:30
Operator : SY/VA
Sample : VSTDICV050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ICVW030619

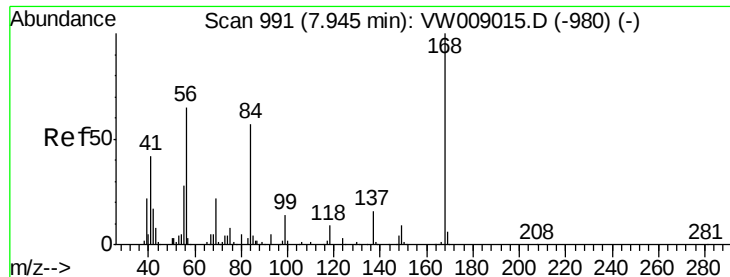
Quant Time: Mar 07 07:25:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030619S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 07 07:22:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	244220	51.384	ug/l	99
94) Hexachlorobutadiene	15.24	225	156523	51.811	ug/l	98
95) Naphthalene	15.37	128	381785	49.543	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	205313	49.894	ug/l	99

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

Quant Time: Mar 07 07:25:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030619S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 07 07:22:06 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW009018.D

Acq: 06 Mar 2019 15:30

Instrument :

MSVOA_W

ClientSampleId :

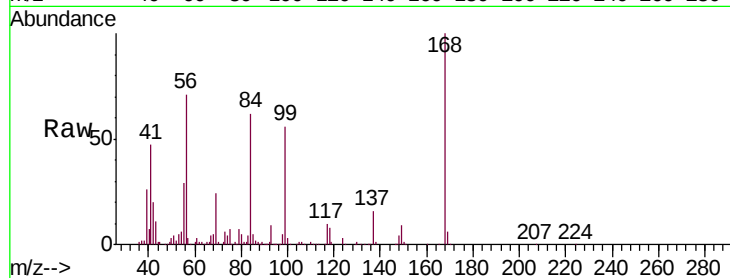
ICVW030619

Tgt Ion:168 Resp: 322460

Ion Ratio Lower Upper

168 100

99 55.7 43.5 65.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

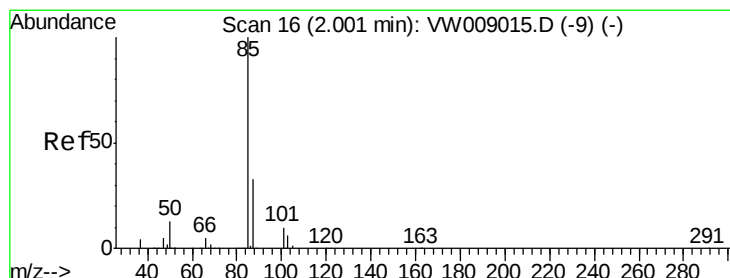
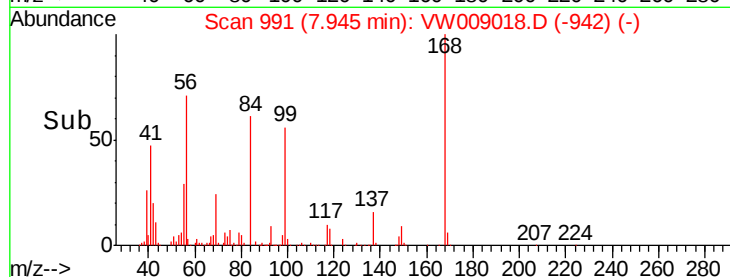
100000

50000

0

7.80 7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 47.667 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW009018.D

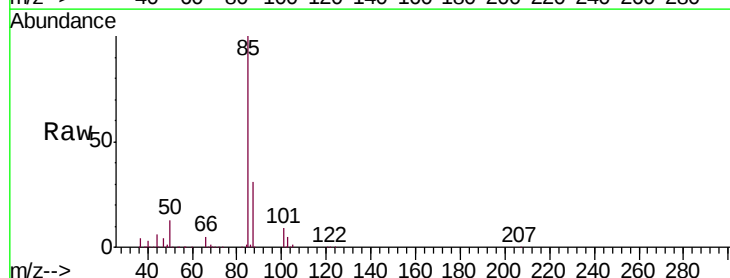
Acq: 06 Mar 2019 15:30

Tgt Ion: 85 Resp: 152692

Ion Ratio Lower Upper

85 100

87 31.4 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

120000

100000

80000

60000

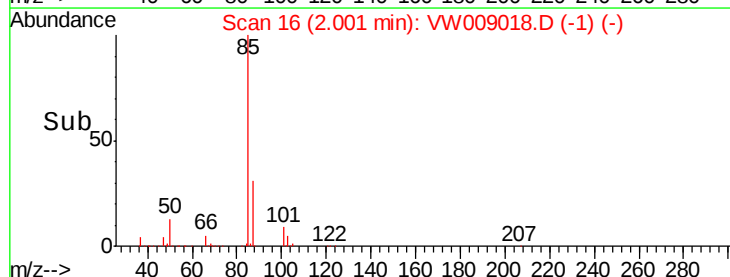
40000

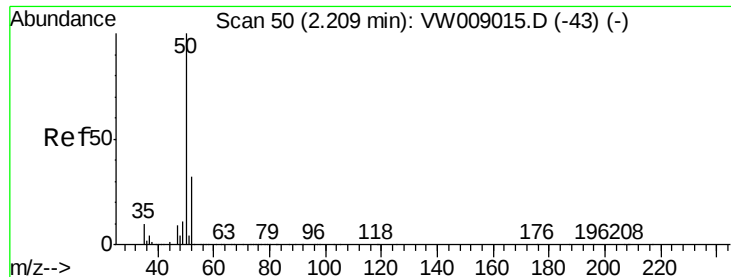
20000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 49.755 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW009018.D

Acq: 06 Mar 2019 15:30

Instrument :

MSVOA_W

ClientSampleId :

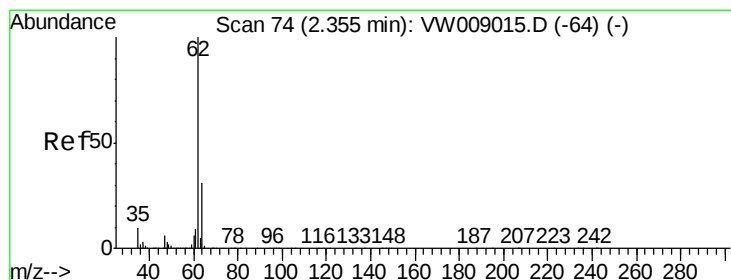
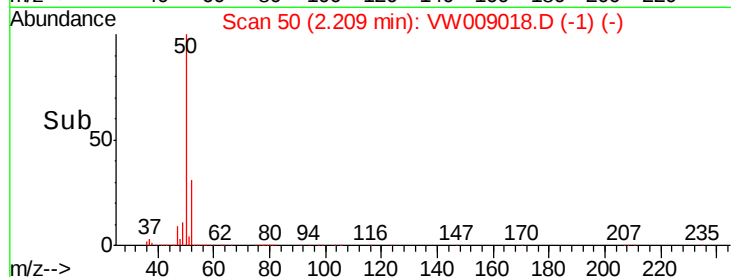
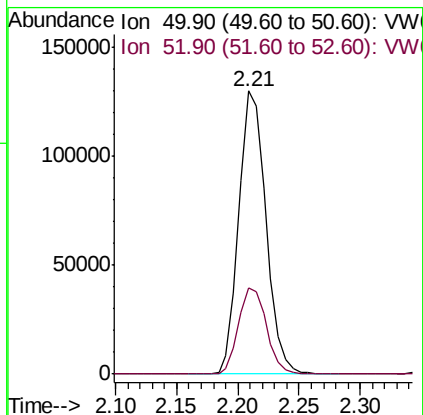
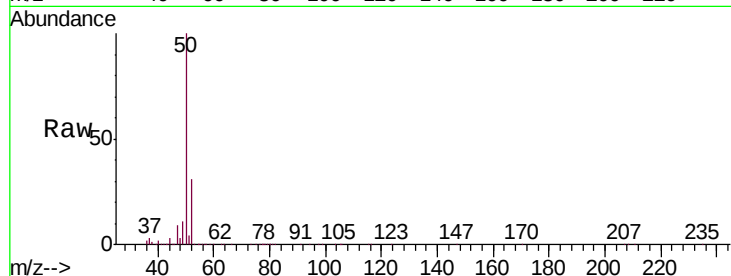
ICVW030619

Tgt Ion: 50 Resp: 200751

Ion Ratio Lower Upper

50 100

52 30.7 25.3 37.9



#4

Vinyl Chloride

Concen: 50.307 ug/l

RT: 2.35 min Scan# 74

Delta R.T. 0.00 min

Lab File: VW009018.D

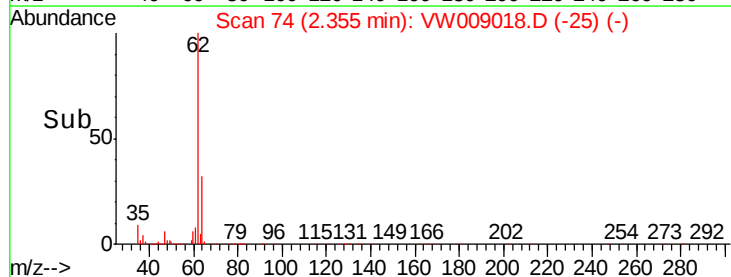
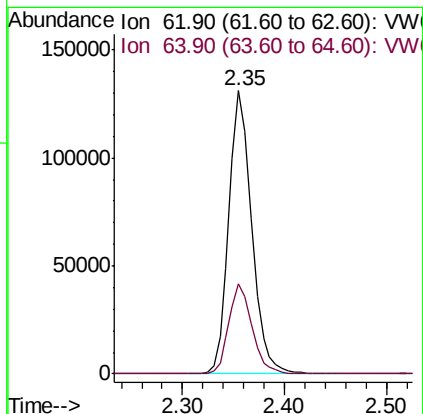
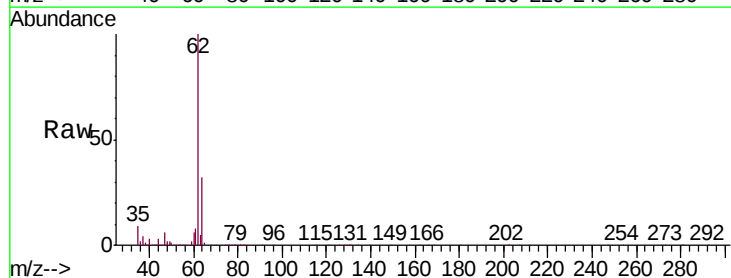
Acq: 06 Mar 2019 15:30

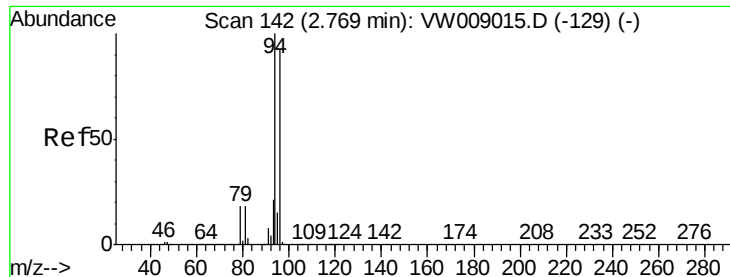
Tgt Ion: 62 Resp: 203405

Ion Ratio Lower Upper

62 100

64 32.0 24.6 36.8





#5

Bromomethane

Concen: 45.011 ug/l

RT: 2.77 min Scan# 142

Delta R.T. 0.00 min

Lab File: VW009018.D

Acq: 06 Mar 2019 15:30

Instrument :

MSVOA_W

ClientSampleId :

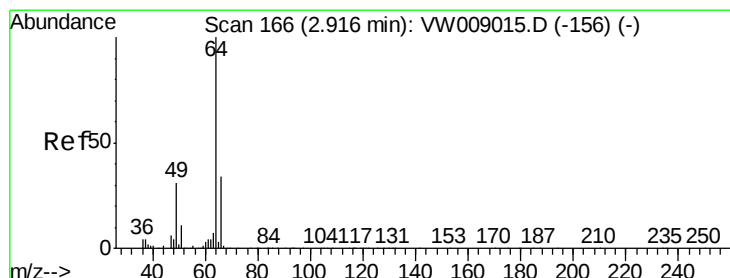
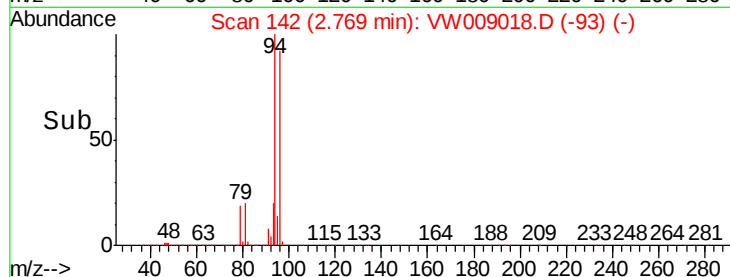
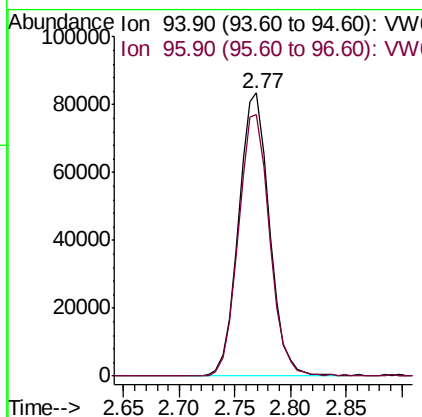
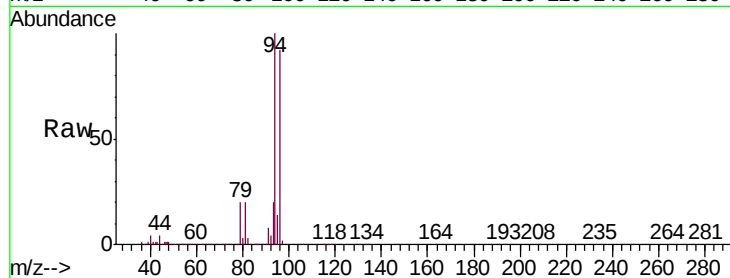
ICVW030619

Tgt Ion: 94 Resp: 159816

Ion Ratio Lower Upper

94 100

96 92.0 73.4 110.0



#6

Chloroethane

Concen: 50.178 ug/l

RT: 2.92 min Scan# 166

Delta R.T. 0.00 min

Lab File: VW009018.D

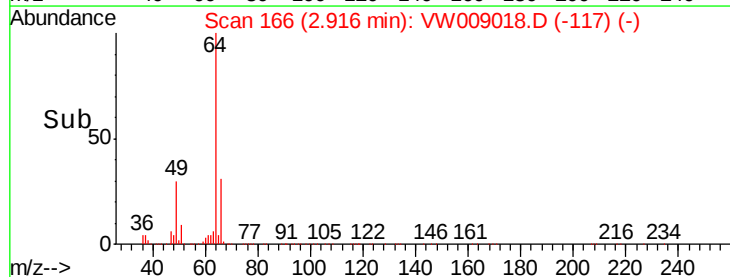
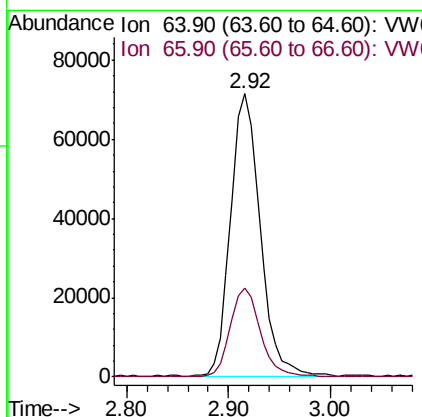
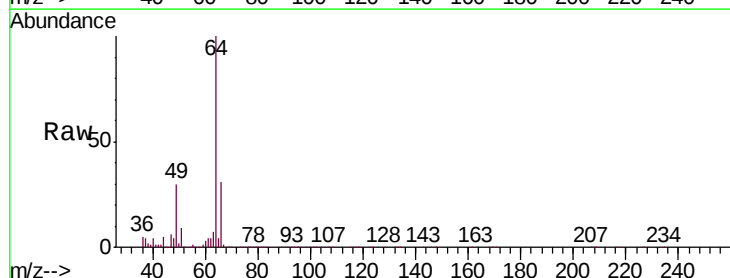
Acq: 06 Mar 2019 15:30

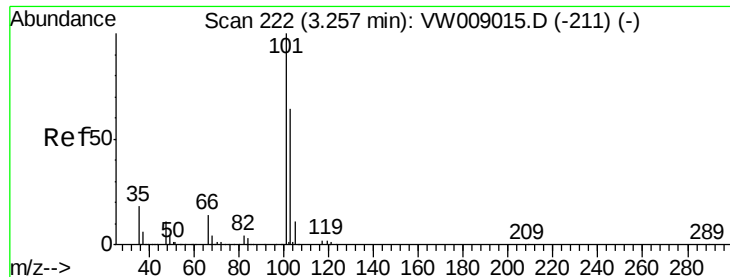
Tgt Ion: 64 Resp: 143850

Ion Ratio Lower Upper

64 100

66 31.2 27.2 40.8



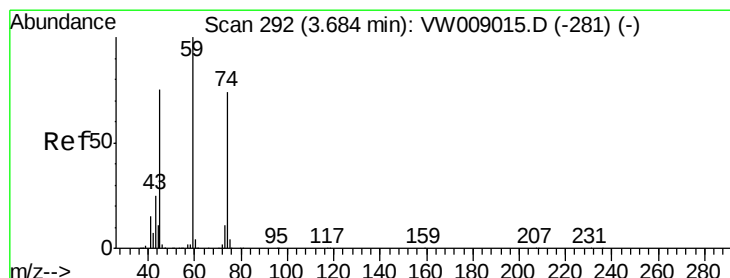
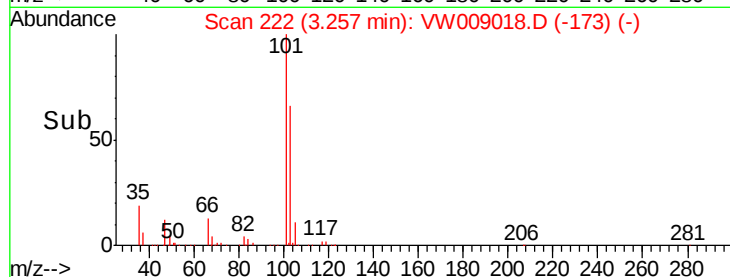
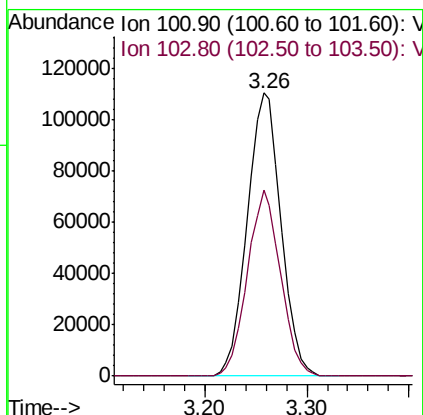
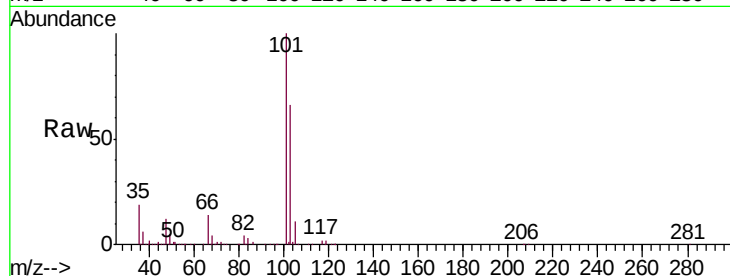


#7

Trichlorofluoromethane
 Concen: 48.951 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. 0.00 min
 Lab File: VW009018.D
 Acq: 06 Mar 2019 15:30

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW030619

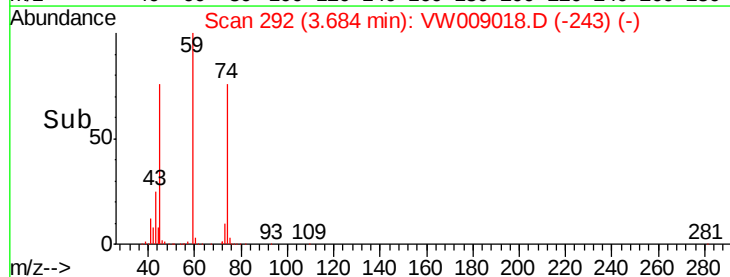
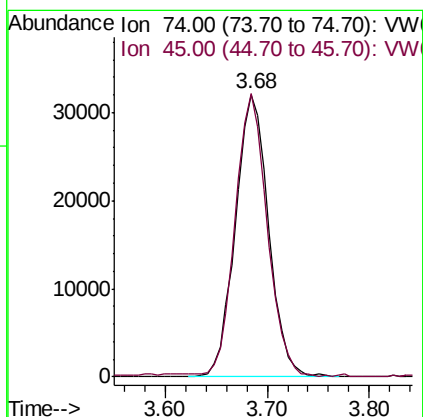
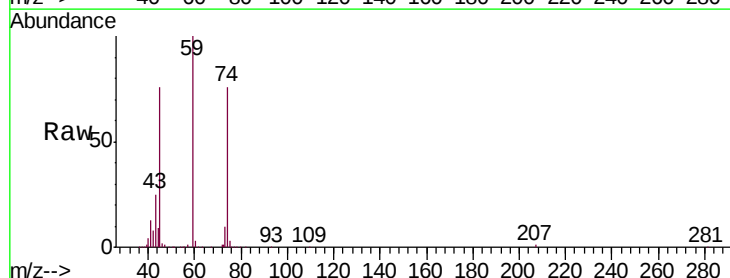
Tgt Ion: 101 Resp: 254950
 Ion Ratio Lower Upper
 101 100
 103 65.6 51.1 76.7

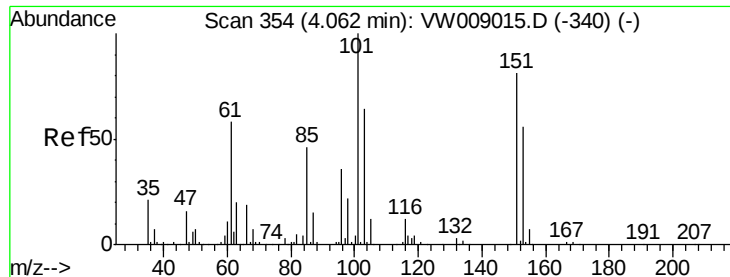


#8

Diethyl Ether
 Concen: 44.431 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. 0.00 min
 Lab File: VW009018.D
 Acq: 06 Mar 2019 15:30

Tgt Ion: 74 Resp: 72237
 Ion Ratio Lower Upper
 74 100
 45 96.4 48.8 146.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.733 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW009018.D

Acq: 06 Mar 2019 15:30

Instrument :

MSVOA_W

ClientSampleId :

ICVW030619

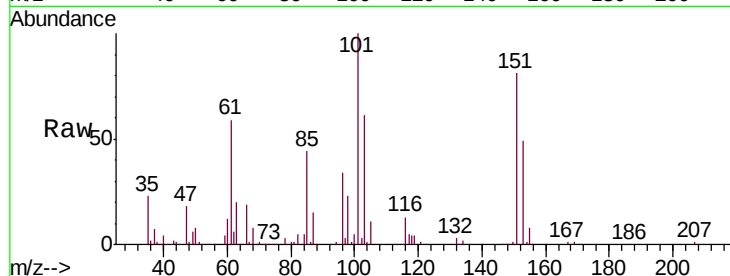
Tgt Ion:101 Resp: 154271

Ion Ratio Lower Upper

101 100

85 46.2 36.6 55.0

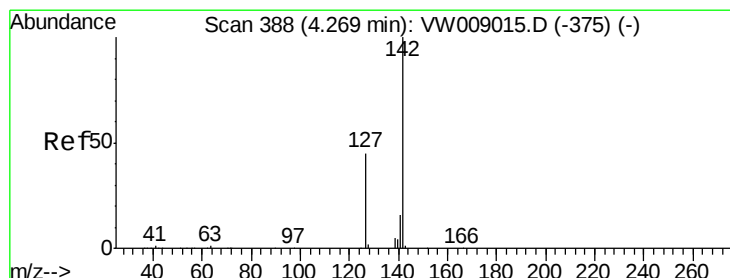
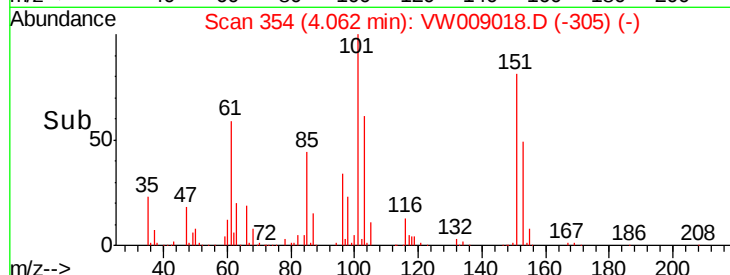
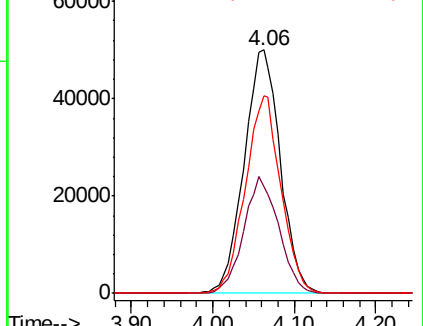
151 79.8 66.0 99.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VV

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.702 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW009018.D

Acq: 06 Mar 2019 15:30

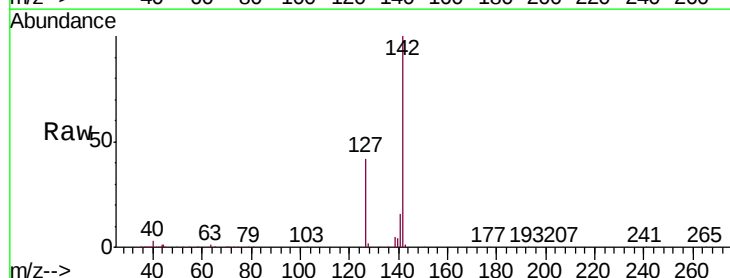
Tgt Ion:142 Resp: 188046

Ion Ratio Lower Upper

142 100

127 45.3 36.2 54.2

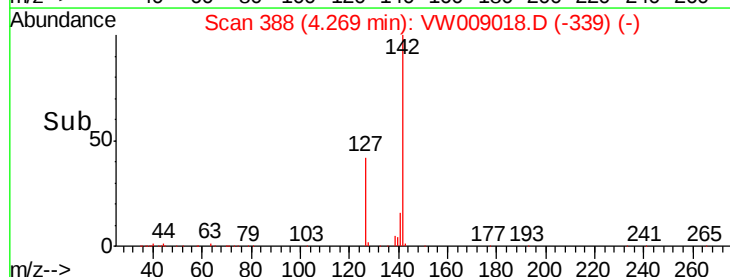
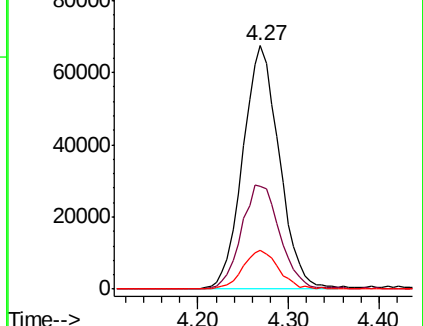
141 15.7 12.3 18.5

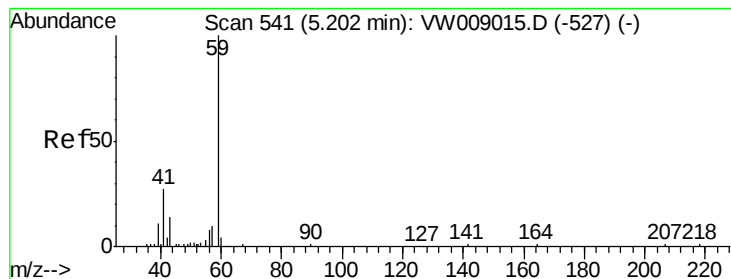


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



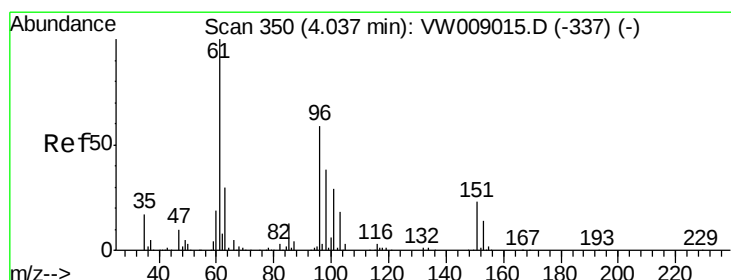
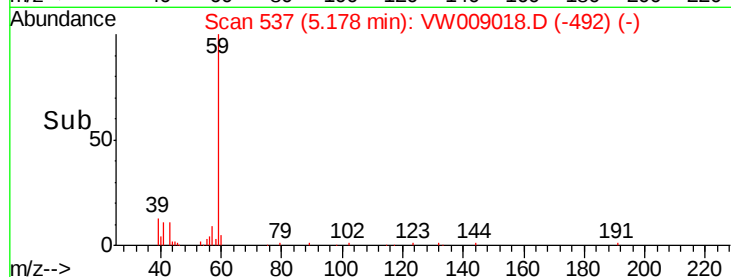
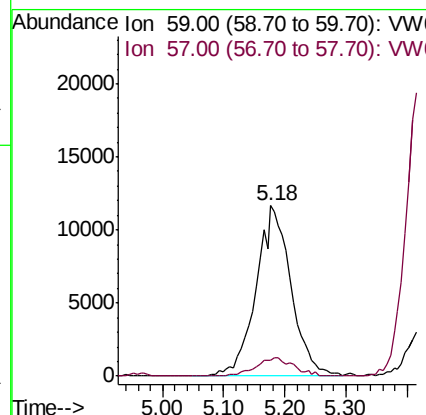
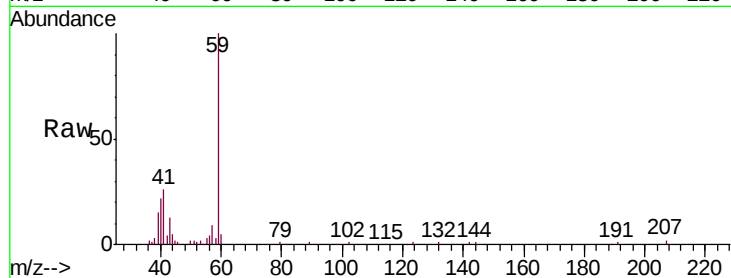


#11

Tert butyl alcohol
Concen: 199.455 ug/l
RT: 5.18 min Scan# 537
Delta R.T. -0.02 min
Lab File: VW009018.D
Acq: 06 Mar 2019 15:30

Instrument :
MSVOA_W
ClientSampleId :
ICVW030619

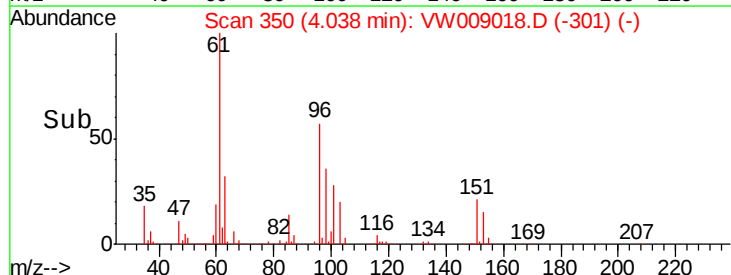
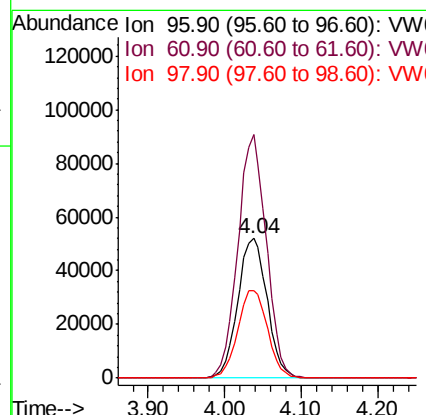
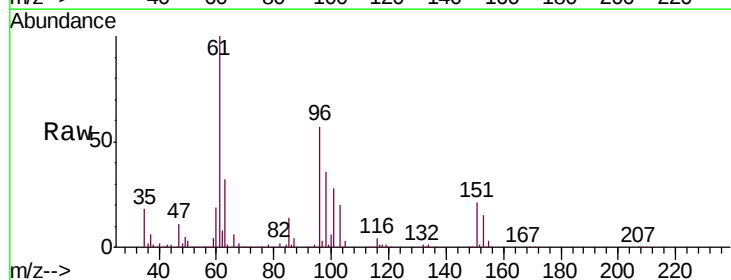
Tgt Ion: 59 Resp: 46255
Ion Ratio Lower Upper
59 100
57 10.9 9.0 13.6

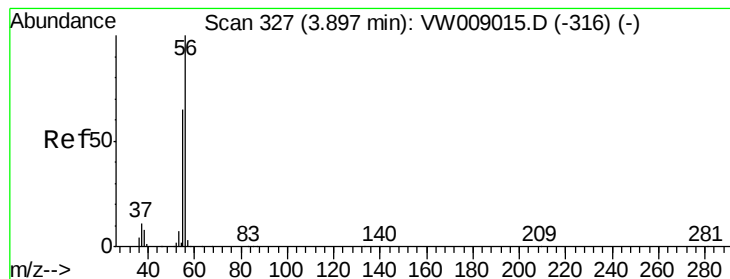


#12

1,1-Dichloroethene
Concen: 49.242 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.00 min
Lab File: VW009018.D
Acq: 06 Mar 2019 15:30

Tgt Ion: 96 Resp: 138677
Ion Ratio Lower Upper
96 100
61 174.3 135.8 203.6
98 62.9 51.6 77.4





#13

Acrolein

Concen: 185.537 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW009018.D

Acq: 06 Mar 2019 15:30

Instrument :

MSVOA_W

ClientSampleId :

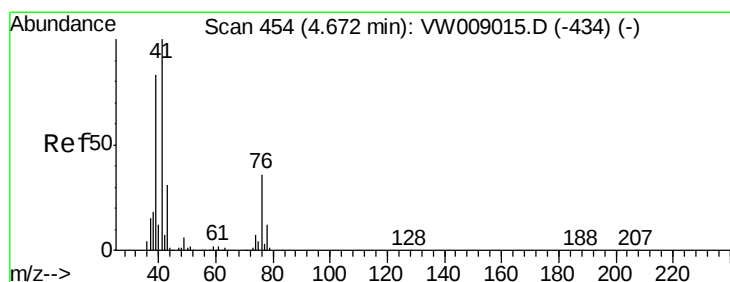
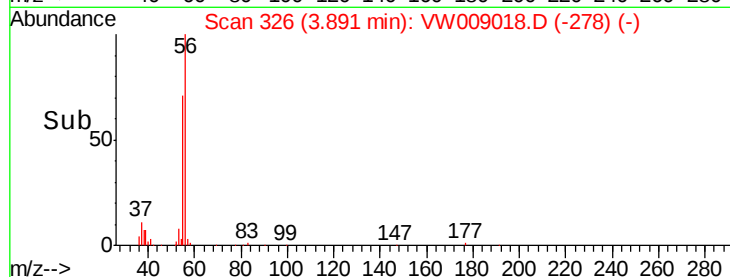
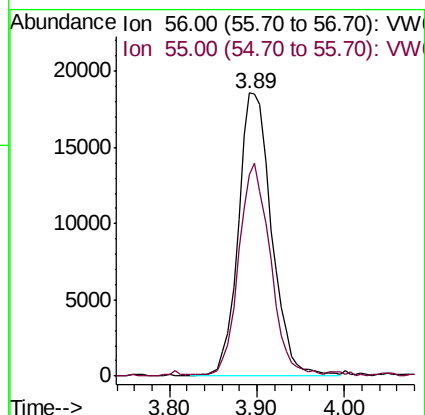
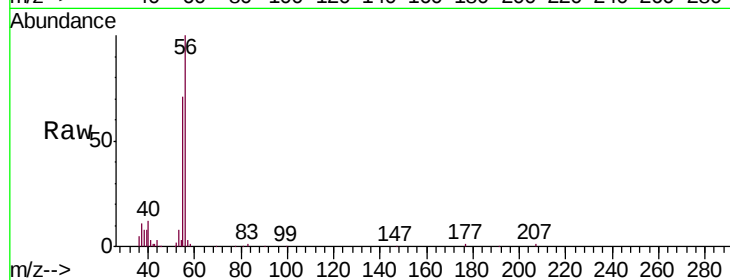
ICVW030619

Tgt Ion: 56 Resp: 49218

Ion Ratio Lower Upper

56 100

55 70.7 57.1 85.7



#14

Allyl chloride

Concen: 50.683 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.00 min

Lab File: VW009018.D

Acq: 06 Mar 2019 15:30

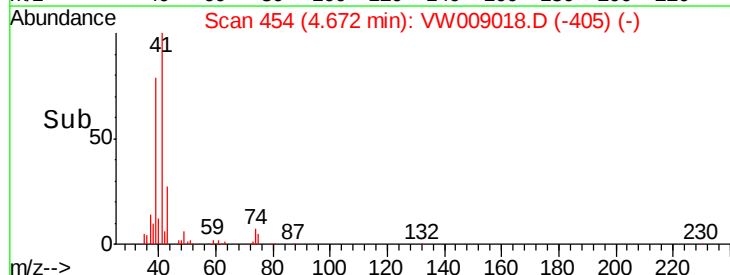
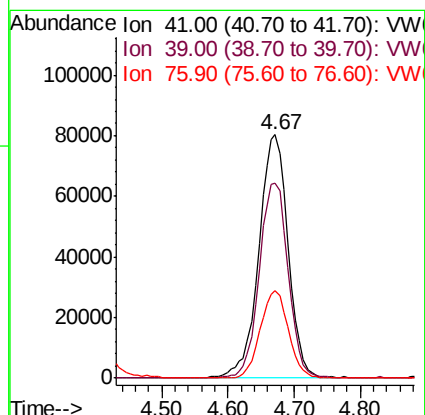
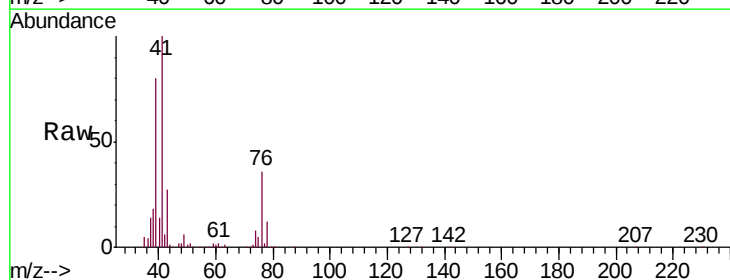
Tgt Ion: 41 Resp: 246773

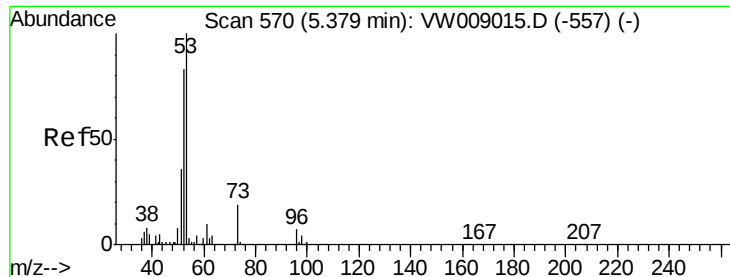
Ion Ratio Lower Upper

41 100

39 79.7 63.6 95.4

76 34.5 27.9 41.9

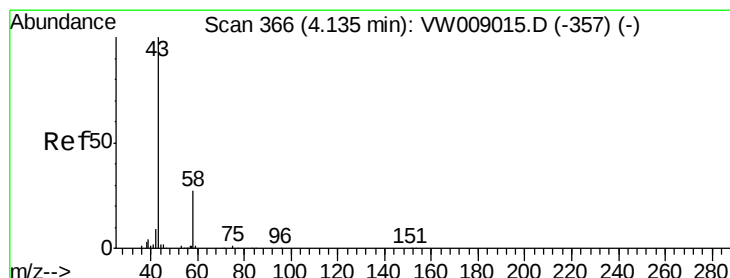
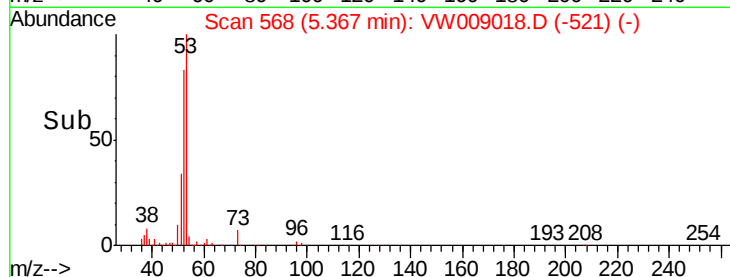
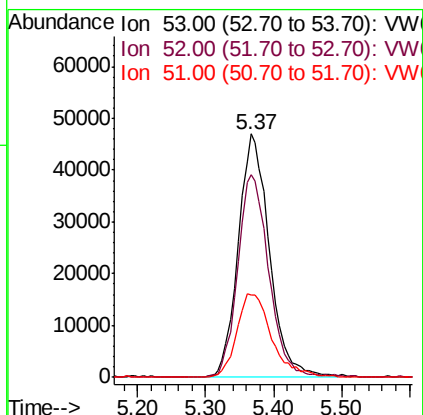
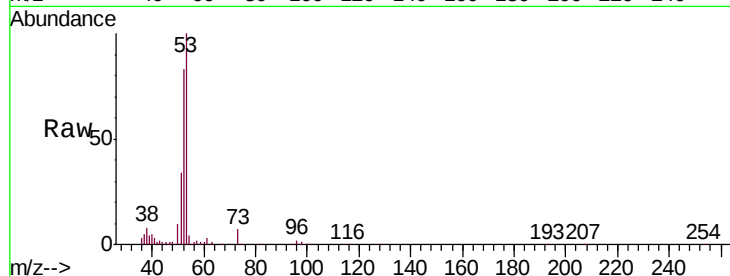




#15
 Acrylonitrile
 Concen: 214.930 ug/l
 RT: 5.37 min Scan# 568
 Delta R.T. -0.01 min
 Lab File: VW009018.D
 Acq: 06 Mar 2019 15:30

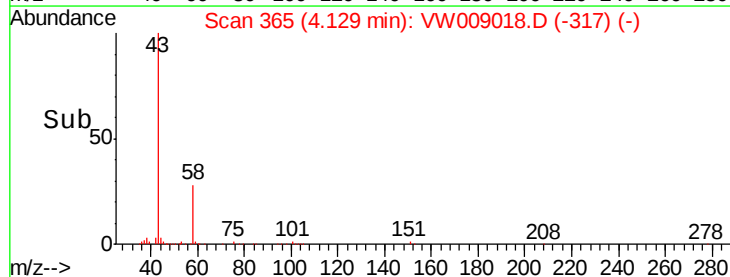
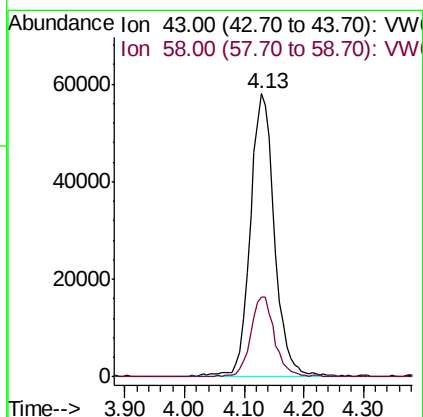
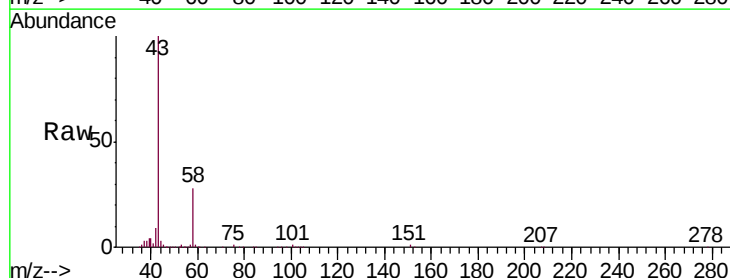
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW030619

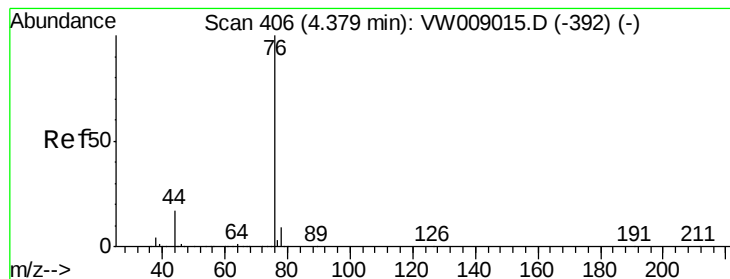
Tgt Ion: 53 Resp: 149600
 Ion Ratio Lower Upper
 53 100
 52 82.7 66.6 100.0
 51 38.4 30.6 45.8



#16
 Acetone
 Concen: 245.503 ug/l
 RT: 4.13 min Scan# 365
 Delta R.T. -0.01 min
 Lab File: VW009018.D
 Acq: 06 Mar 2019 15:30

Tgt Ion: 43 Resp: 163126
 Ion Ratio Lower Upper
 43 100
 58 28.0 21.6 32.4





#17

Carbon Disulfide

Concen: 49.997 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW009018.D

Acq: 06 Mar 2019 15:30

Instrument :

MSVOA_W

ClientSampleId :

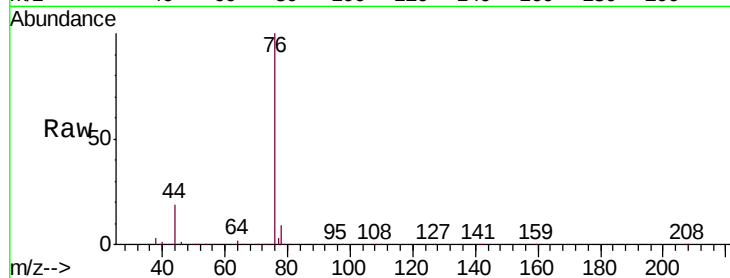
ICVW030619

Tgt Ion: 76 Resp: 471883

Ion Ratio Lower Upper

76 100

78 9.0 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.38

150000

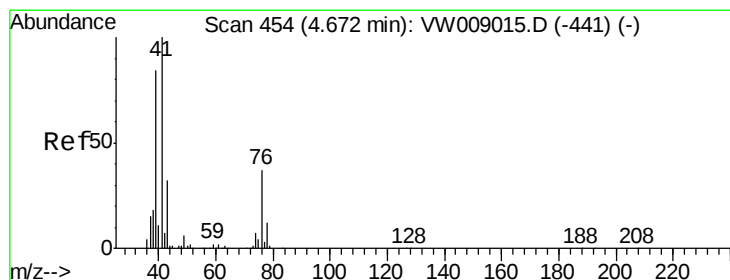
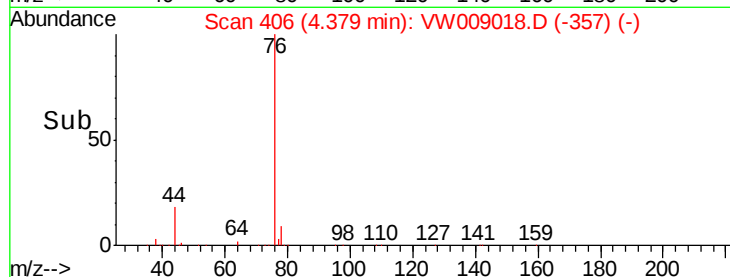
100000

50000

0

Time-->

4.20 4.30 4.40 4.50 4.60



#18

Methyl Acetate

Concen: 44.184 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.00 min

Lab File: VW009018.D

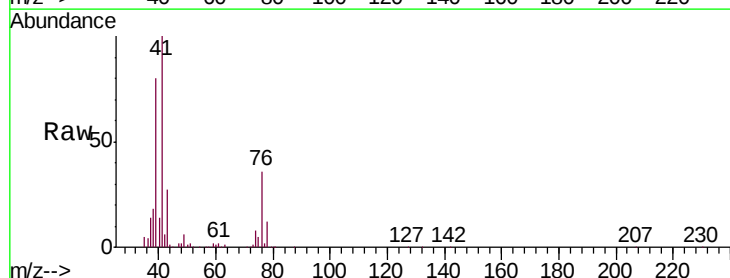
Acq: 06 Mar 2019 15:30

Tgt Ion: 43 Resp: 66928

Ion Ratio Lower Upper

43 100

74 24.3 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.67

25000

20000

15000

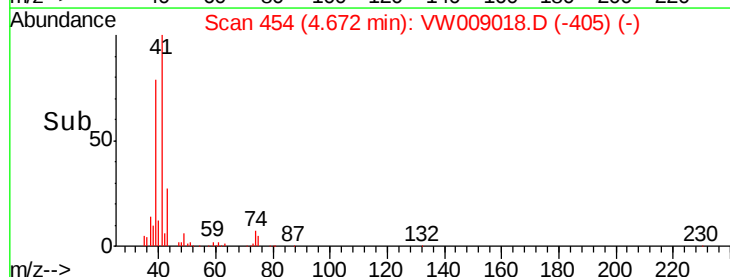
10000

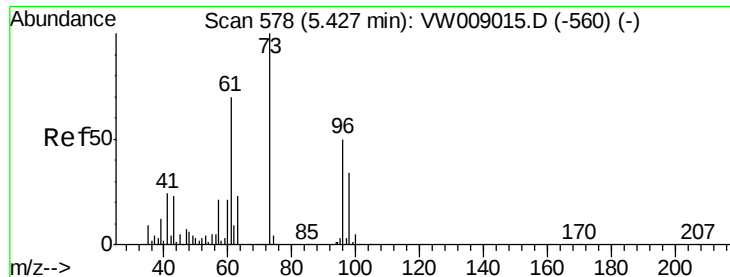
5000

0

Time-->

4.60 4.70 4.80

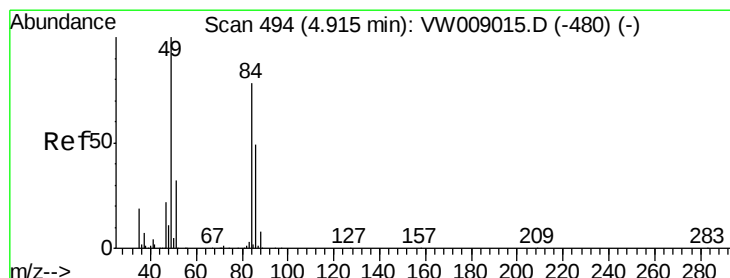
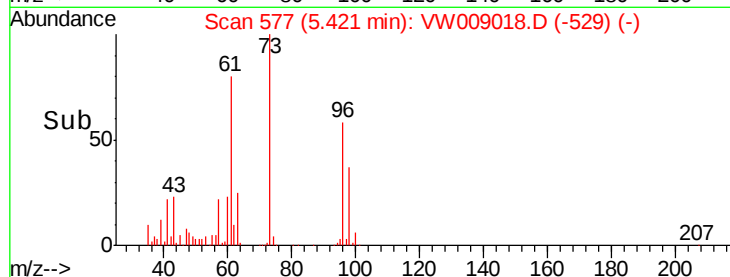
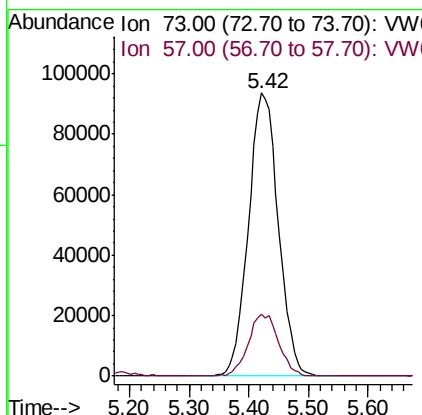
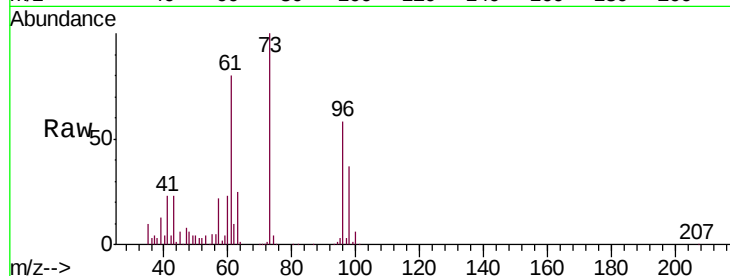




#19
Methyl tert-butyl Ether
Concen: 44.619 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW009018.D
Acq: 06 Mar 2019 15:30

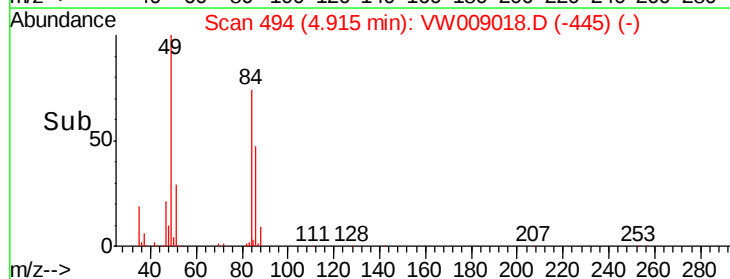
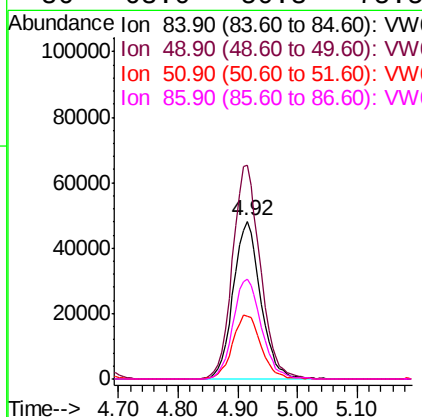
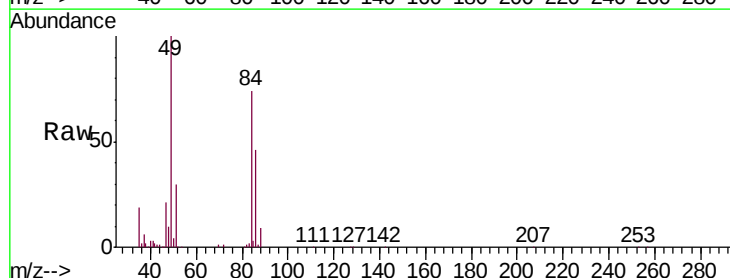
Instrument :
MSVOA_W
ClientSampleId :
ICVW030619

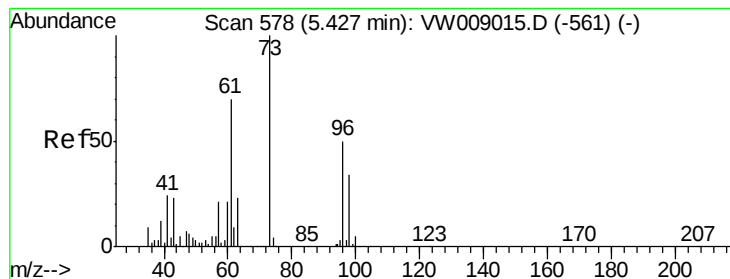
Tgt Ion: 73 Resp: 325291
Ion Ratio Lower Upper
73 100
57 22.0 17.0 25.6



#20
Methylene Chloride
Concen: 45.507 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW009018.D
Acq: 06 Mar 2019 15:30

Tgt Ion: 84 Resp: 154766
Ion Ratio Lower Upper
84 100
49 135.5 102.8 154.2
51 40.1 32.4 48.6
86 63.0 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 48.836 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.01 min

Lab File: VW009018.D

Acq: 06 Mar 2019 15:30

Instrument :

MSVOA_W

ClientSampleId :

ICVW030619

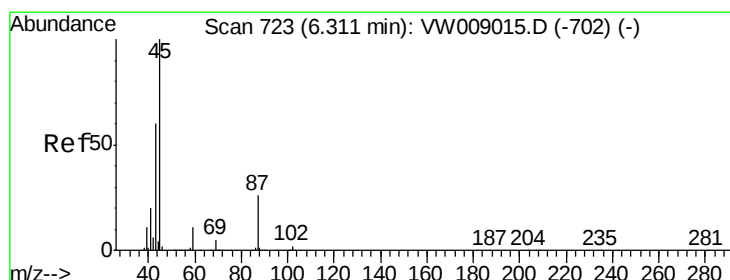
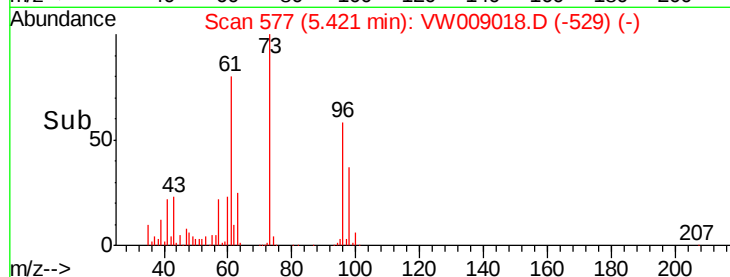
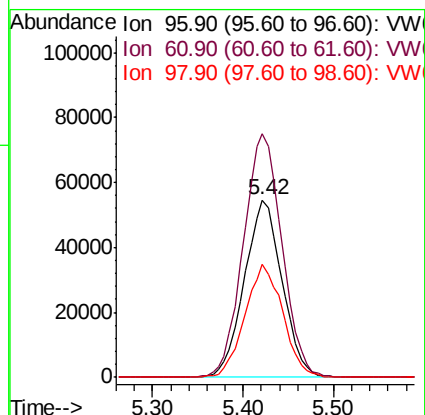
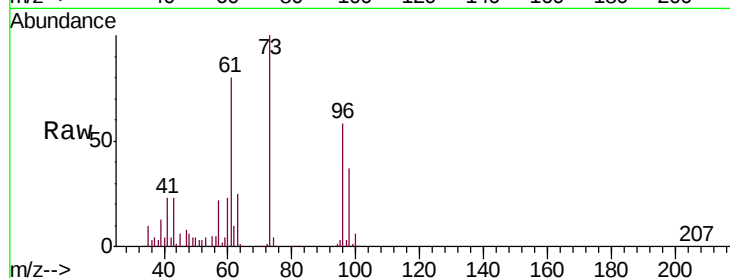
Tgt Ion: 96 Resp: 157318

Ion Ratio Lower Upper

96 100

61 137.2 113.2 169.8

98 63.6 55.7 83.5



#22

Diisopropyl ether

Concen: 48.422 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.00 min

Lab File: VW009018.D

Acq: 06 Mar 2019 15:30

Tgt Ion: 45 Resp: 470785

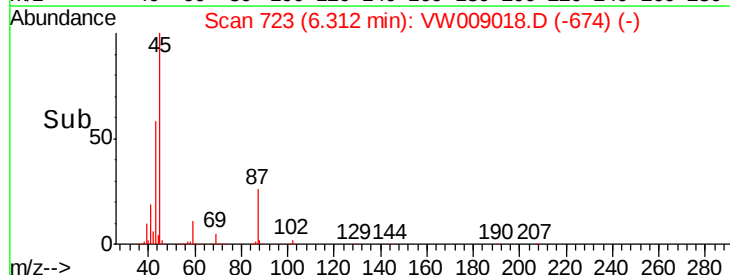
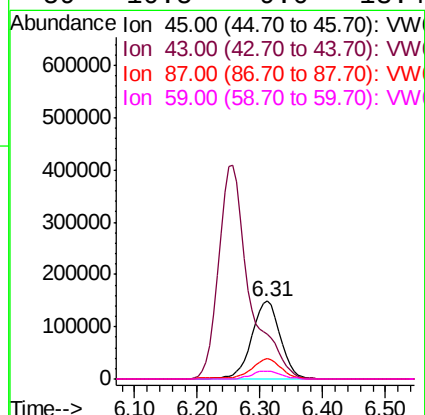
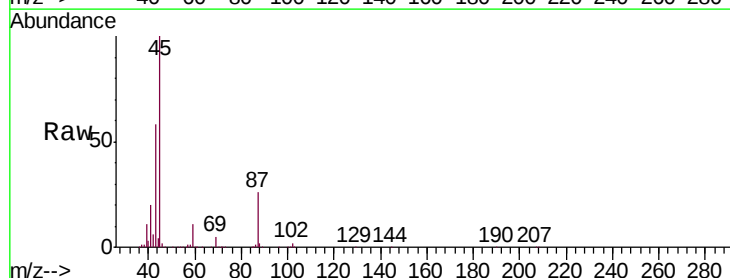
Ion Ratio Lower Upper

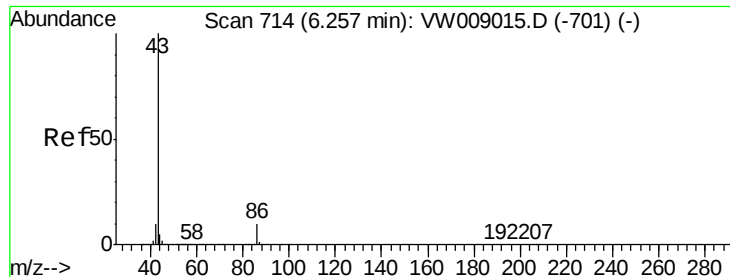
45 100

43 57.6 48.1 72.1

87 25.9 20.9 31.3

59 10.5 9.0 13.4





#23

Vinyl Acetate

Concen: 228.411 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW009018.D

Acq: 06 Mar 2019 15:30

Instrument :

MSVOA_W

ClientSampleId :

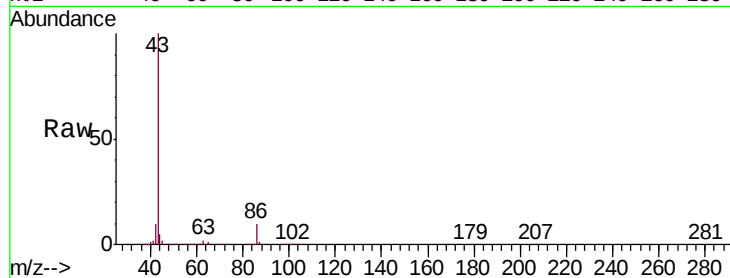
ICVW030619

Tgt Ion: 43 Resp: 1383117

Ion Ratio Lower Upper

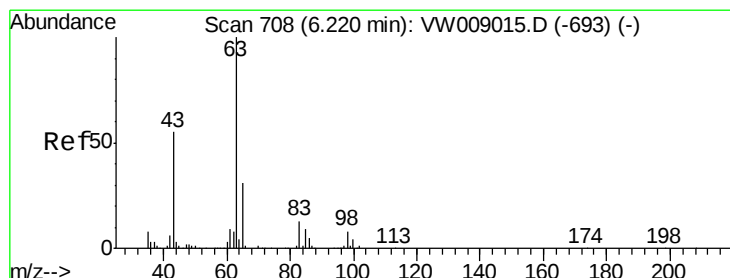
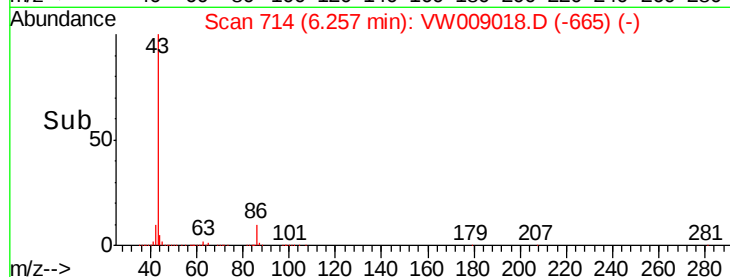
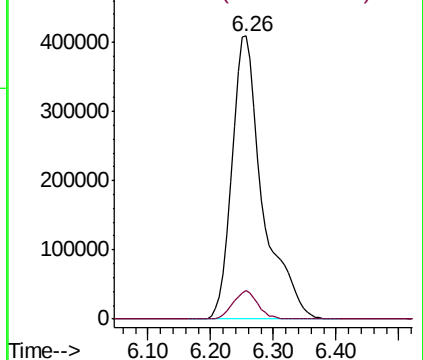
43 100

86 10.0 8.0 12.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 48.082 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW009018.D

Acq: 06 Mar 2019 15:30

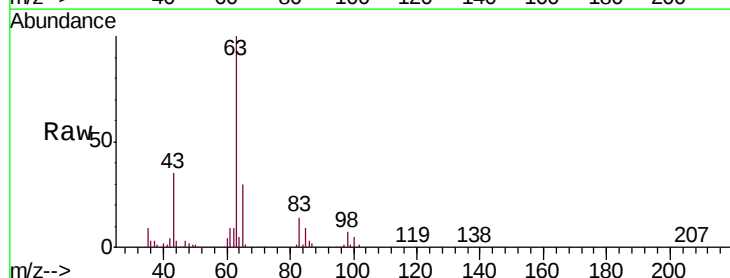
Tgt Ion: 63 Resp: 271812

Ion Ratio Lower Upper

63 100

98 7.3 4.0 12.2

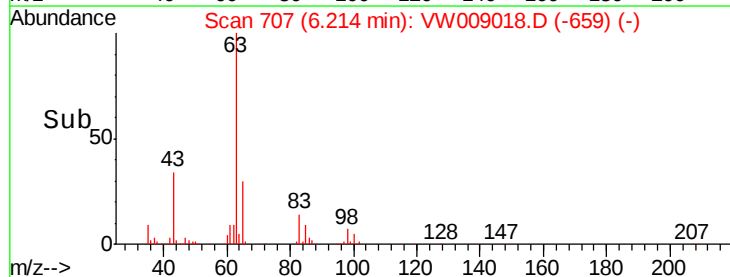
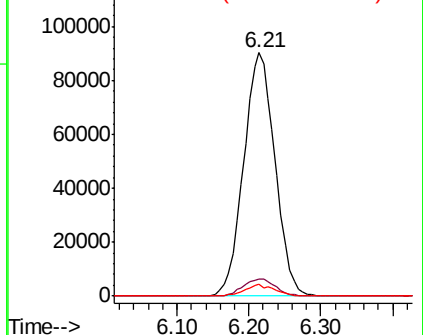
100 5.1 2.0 5.8

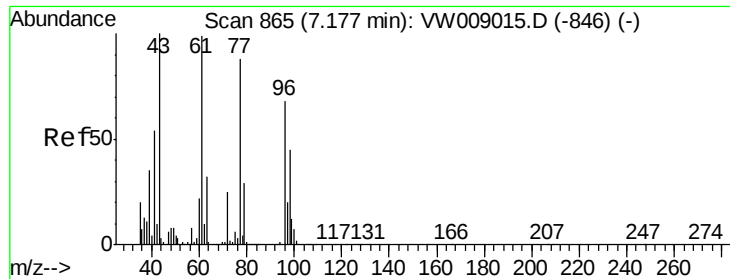


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 216.670 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW009018.D

Acq: 06 Mar 2019 15:30

Instrument :

MSVOA_W

ClientSampleId :

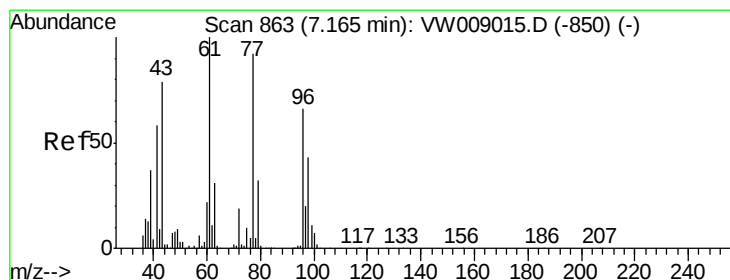
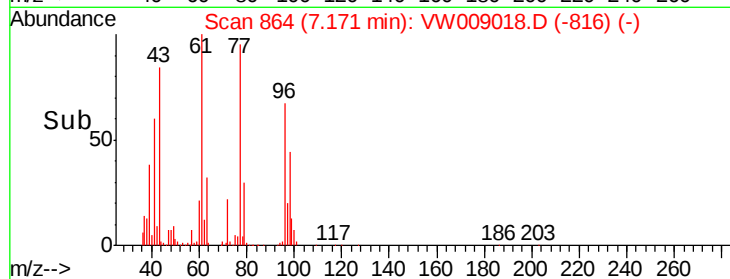
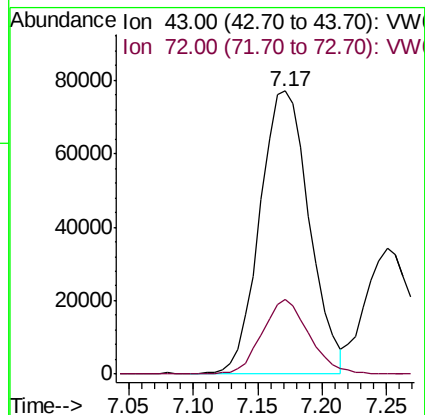
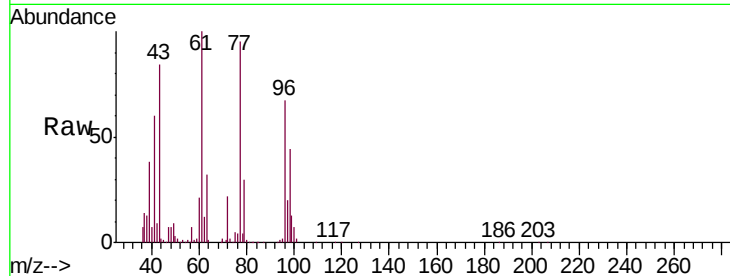
ICVW030619

Tgt Ion: 43 Resp: 204805

Ion Ratio Lower Upper

43 100

72 26.3 20.2 30.2



#26

2,2-Dichloropropane

Concen: 50.384 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW009018.D

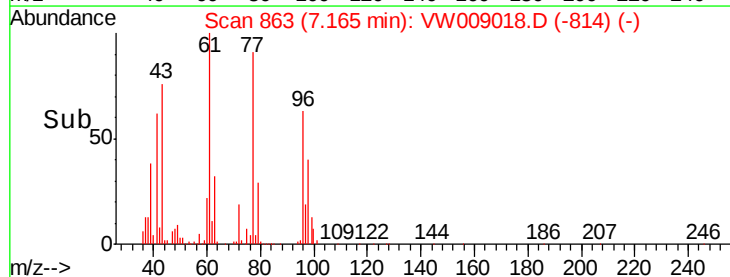
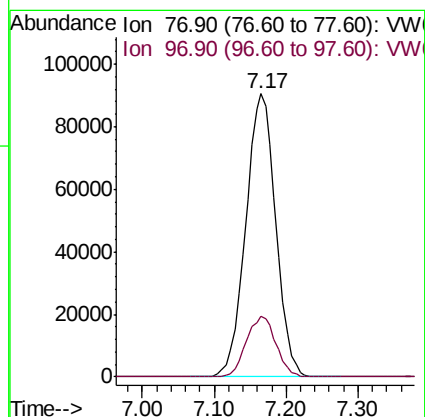
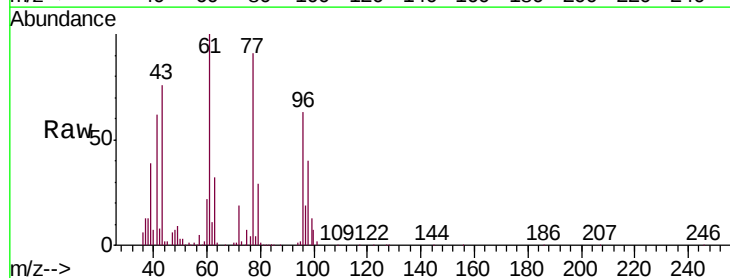
Acq: 06 Mar 2019 15:30

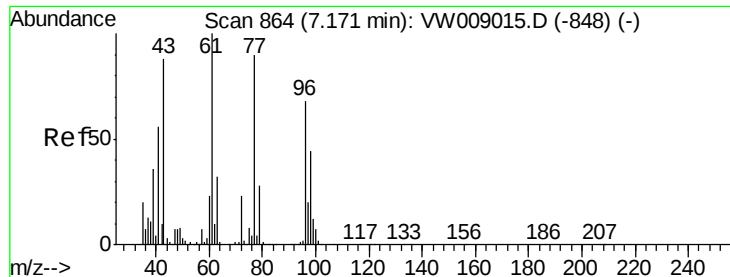
Tgt Ion: 77 Resp: 260545

Ion Ratio Lower Upper

77 100

97 21.2 10.7 32.1



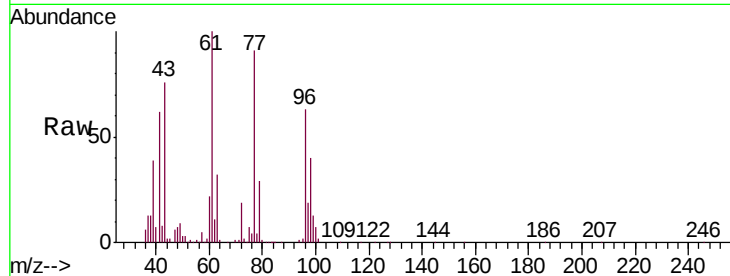


#27

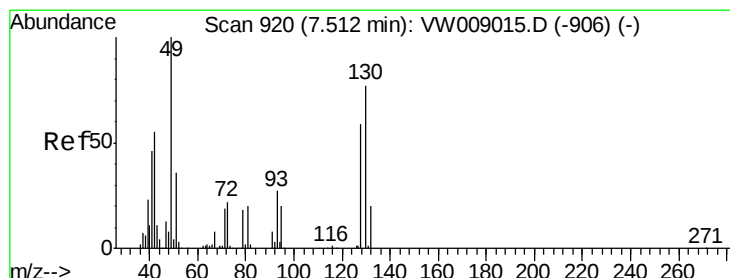
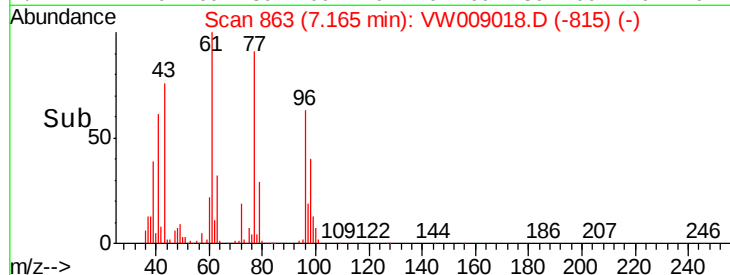
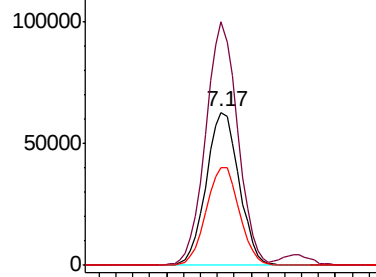
cis-1,2-Dichloroethene
Concen: 48.696 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW009018.D
Acq: 06 Mar 2019 15:30

Instrument :
MSVOA_W
ClientSampleId :
ICVW030619

Tgt Ion: 96 Resp: 165141
Ion Ratio Lower Upper
96 100
61 155.0 0.0 303.6
98 64.5 0.0 129.0



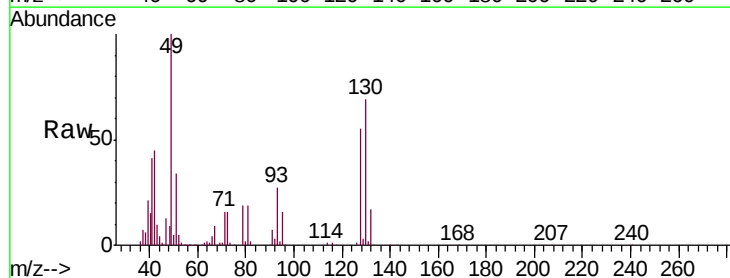
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



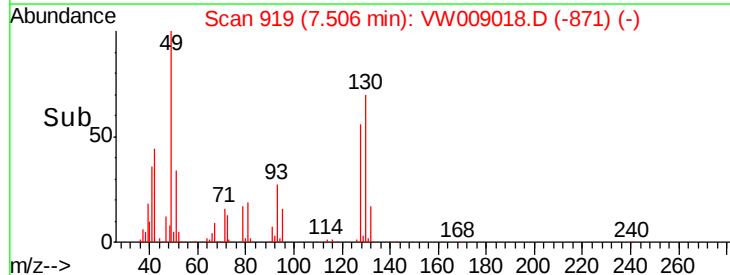
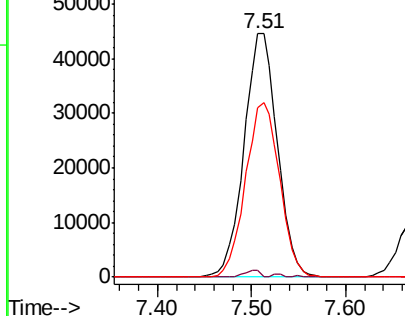
#28

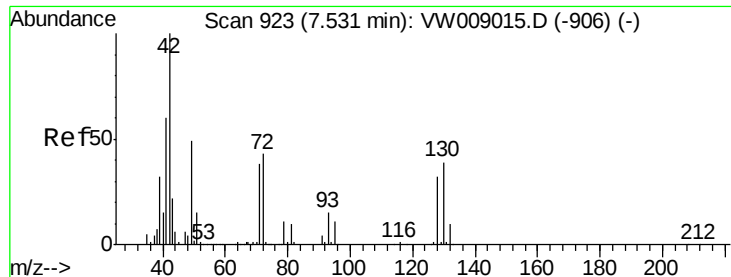
Bromochloromethane
Concen: 45.129 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.01 min
Lab File: VW009018.D
Acq: 06 Mar 2019 15:30

Tgt Ion: 49 Resp: 110744
Ion Ratio Lower Upper
49 100
129 1.3 0.0 3.2
130 73.4 59.9 89.9



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

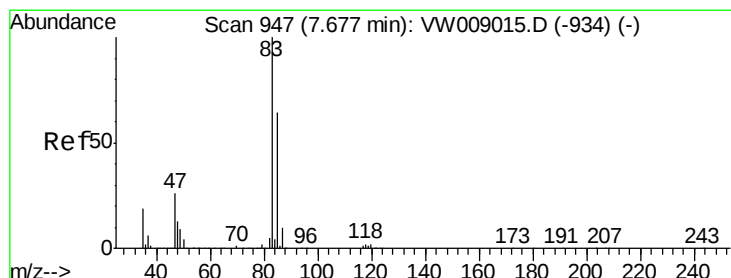
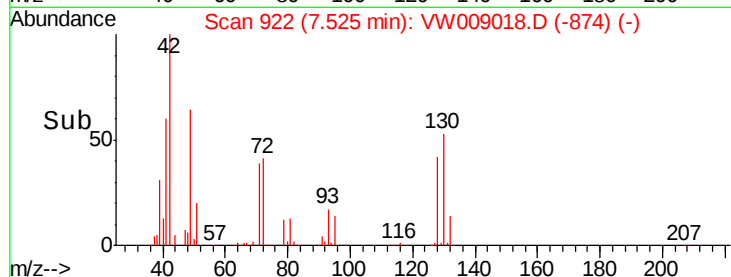
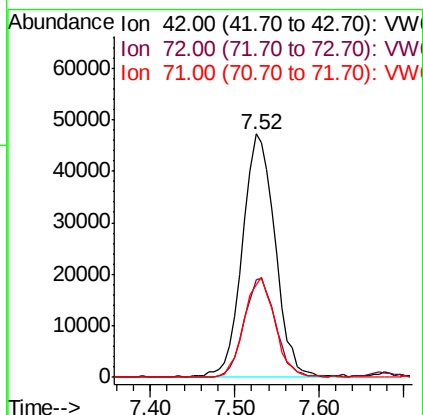
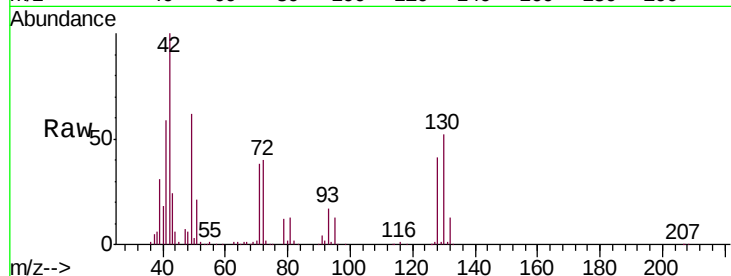




#29
Tetrahydrofuran
Concen: 206.474 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW009018.D
Acq: 06 Mar 2019 15:30

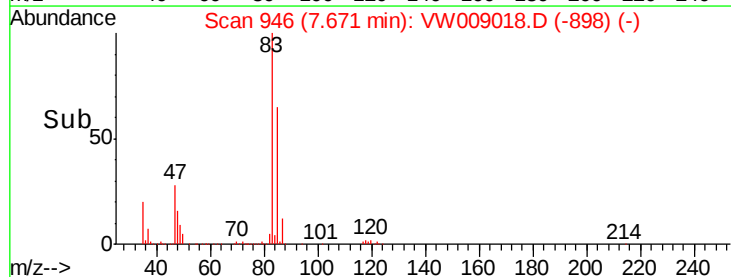
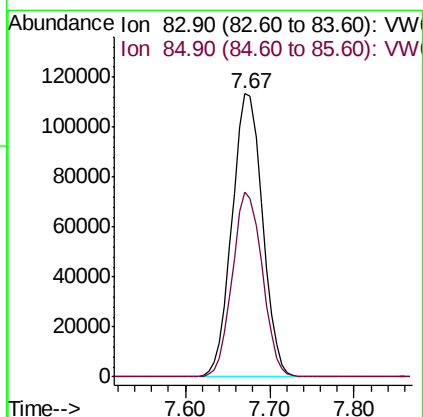
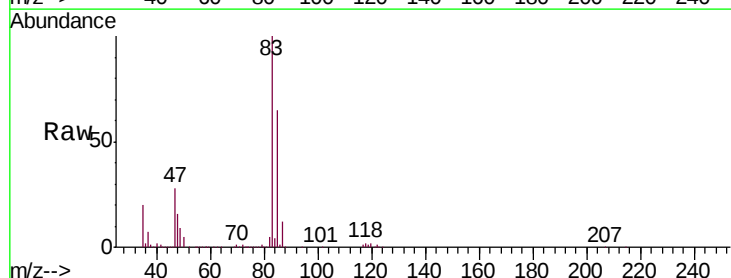
Instrument :
MSVOA_W
ClientSampleId :
ICVW030619

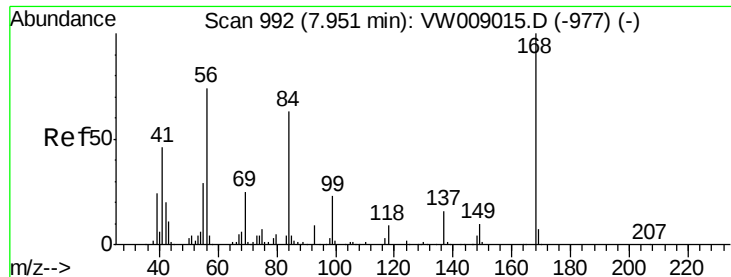
Tgt Ion: 42 Resp: 122611
Ion Ratio Lower Upper
42 100
72 39.9 32.5 48.7
71 39.1 31.6 47.4



#30
Chloroform
Concen: 47.921 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW009018.D
Acq: 06 Mar 2019 15:30

Tgt Ion: 83 Resp: 277367
Ion Ratio Lower Upper
83 100
85 65.1 51.4 77.0

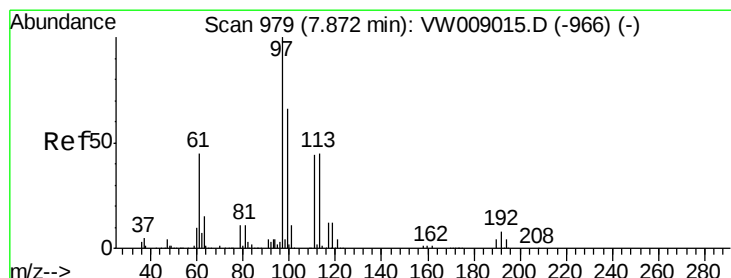
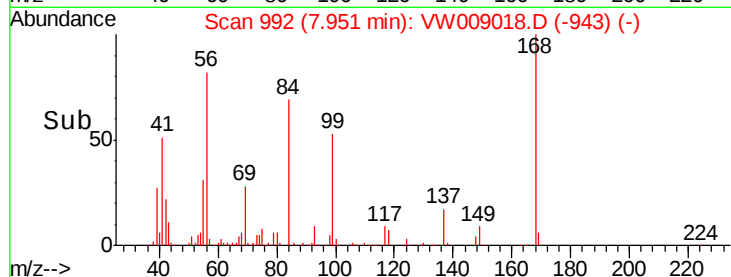
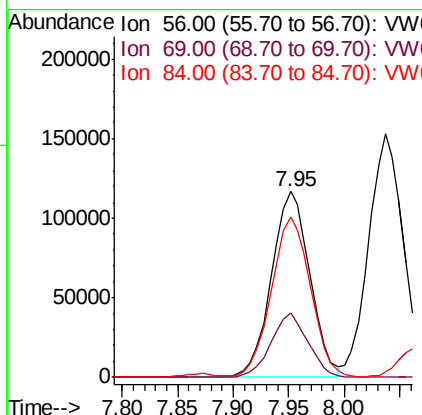
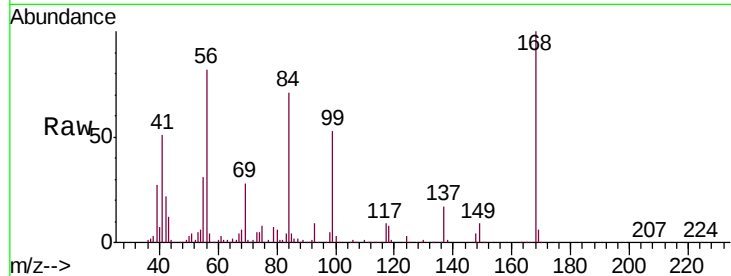




#31
Cyclohexane
Concen: 48.182 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW009018.D
Acq: 06 Mar 2019 15:30

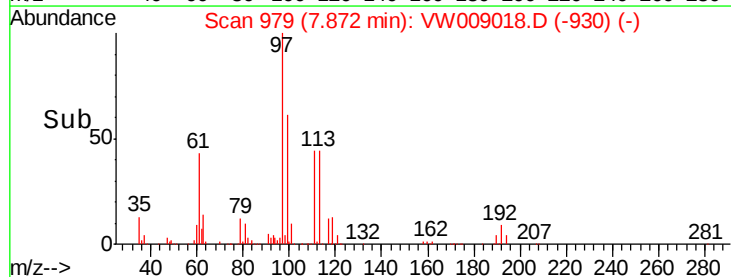
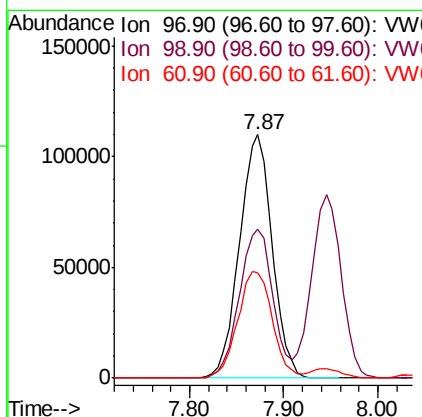
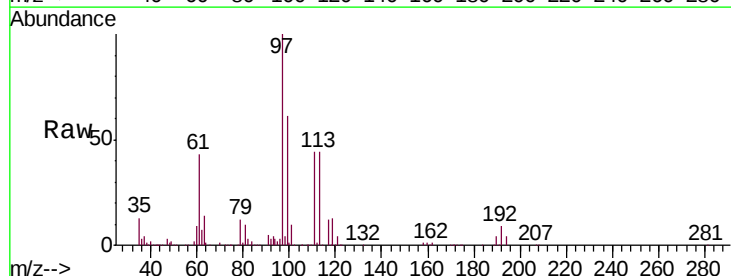
Instrument :
MSVOA_W
ClientSampleId :
ICVW030619

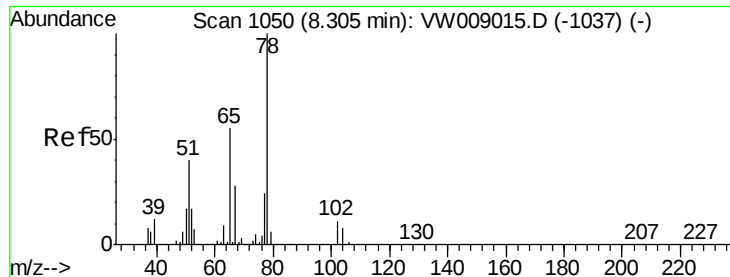
Tgt Ion: 56 Resp: 280105
Ion Ratio Lower Upper
56 100
69 34.4 27.0 40.4
84 85.2 68.3 102.5



#32
1,1,1-Trichloroethane
Concen: 50.322 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW009018.D
Acq: 06 Mar 2019 15:30

Tgt Ion: 97 Resp: 267528
Ion Ratio Lower Upper
97 100
99 63.1 51.4 77.0
61 45.9 37.4 56.0

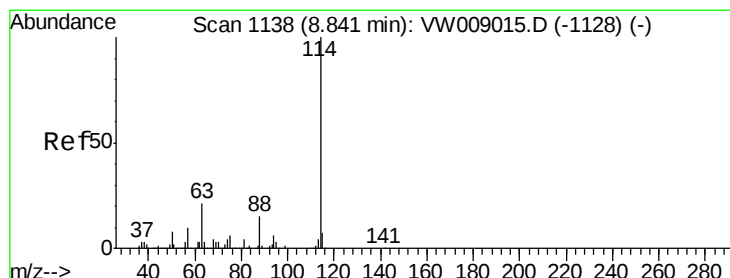
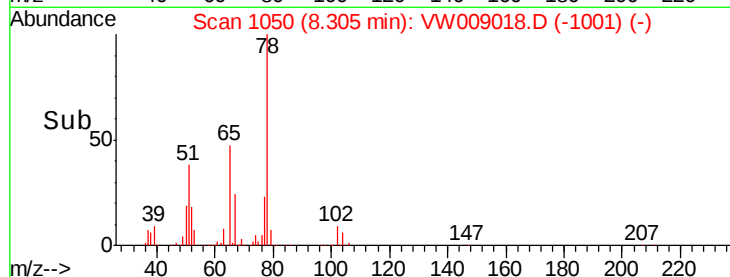
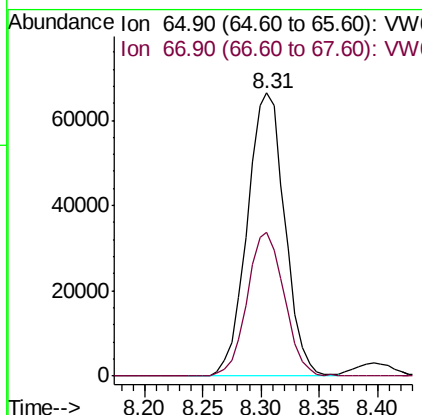
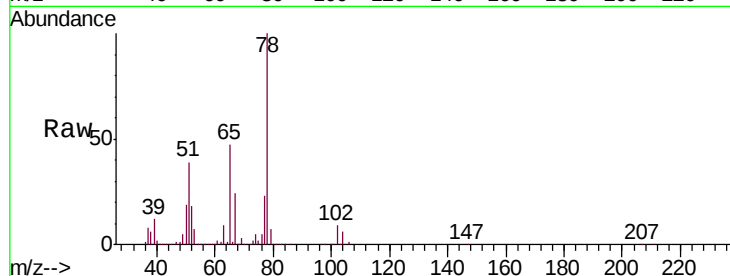




#33
 1,2-Dichloroethane-d4
 Concen: 46.139 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW009018.D
 Acq: 06 Mar 2019 15:30

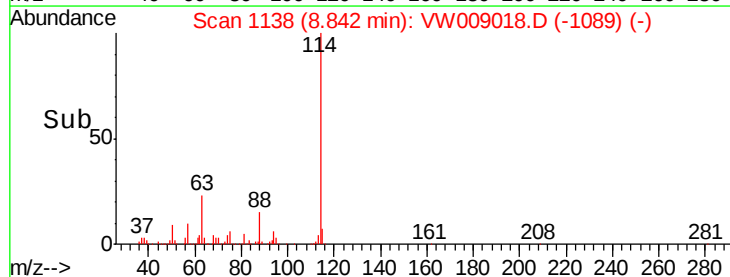
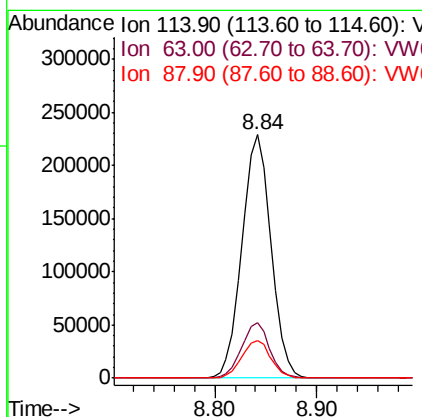
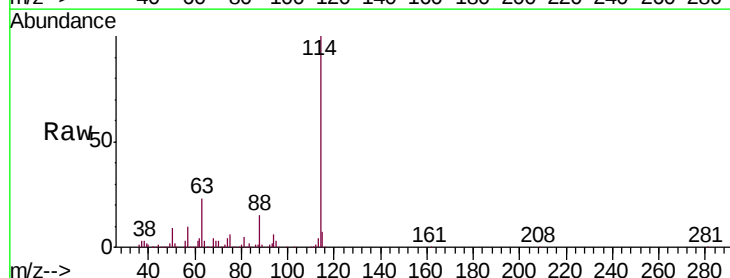
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW030619

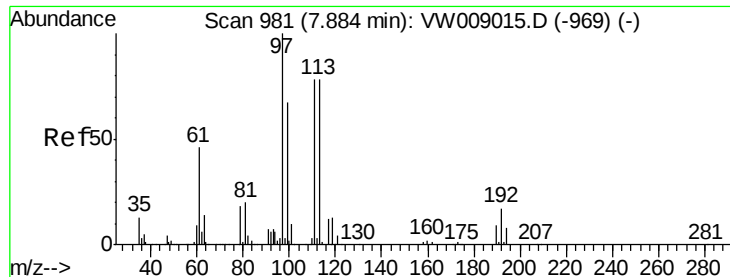
Tgt Ion: 65 Resp: 149261
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW009018.D
 Acq: 06 Mar 2019 15:30

Tgt Ion: 114 Resp: 453201
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 42.4
 88 15.2 0.0 30.8





#35

Dibromofluoromethane

Concen: 50.665 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW009018.D

Acq: 06 Mar 2019 15:30

Instrument :

MSVOA_W

ClientSampleId :

ICVW030619

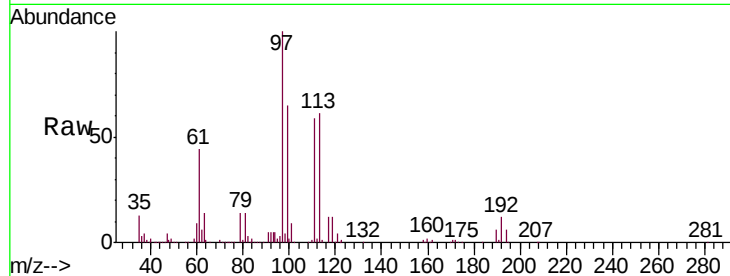
Tgt Ion:113 Resp: 138224

Ion Ratio Lower Upper

113 100

111 101.0 80.5 120.7

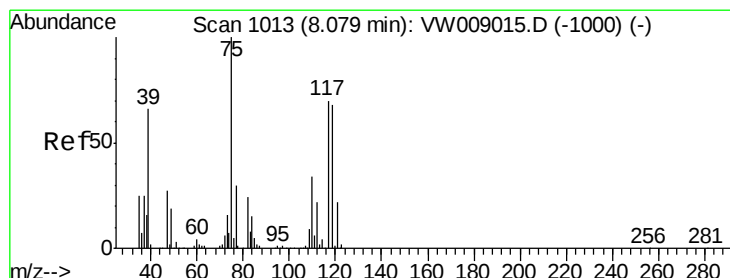
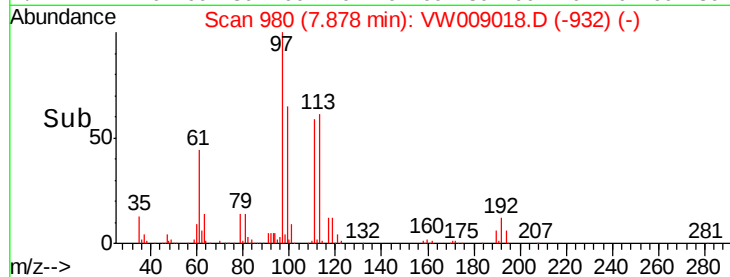
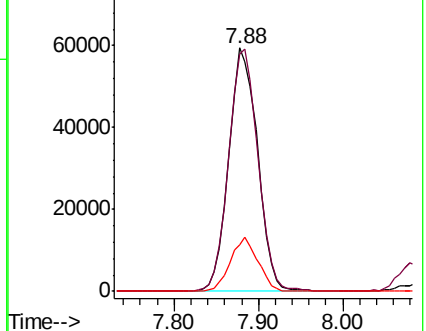
192 21.0 16.7 25.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 51.700 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. 0.00 min

Lab File: VW009018.D

Acq: 06 Mar 2019 15:30

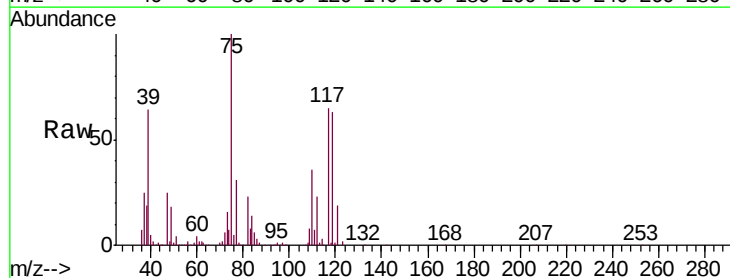
Tgt Ion: 75 Resp: 232977

Ion Ratio Lower Upper

75 100

110 35.3 17.3 51.9

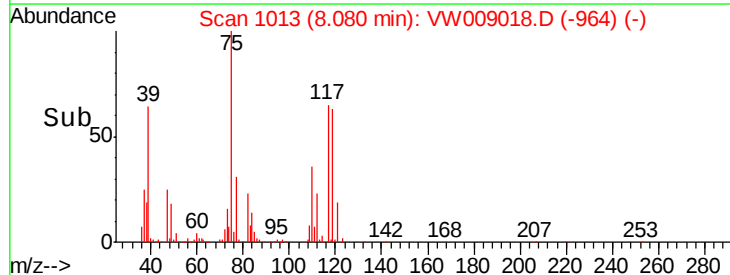
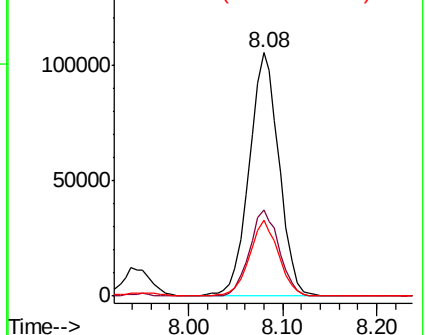
77 30.5 24.8 37.2

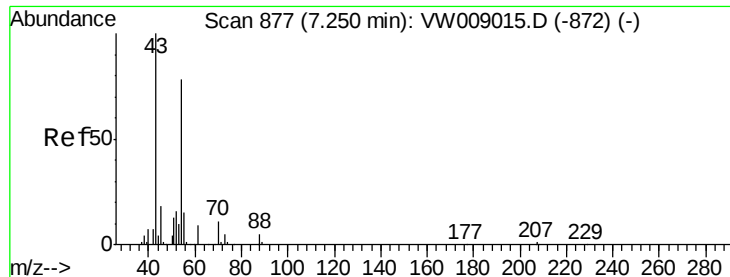


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

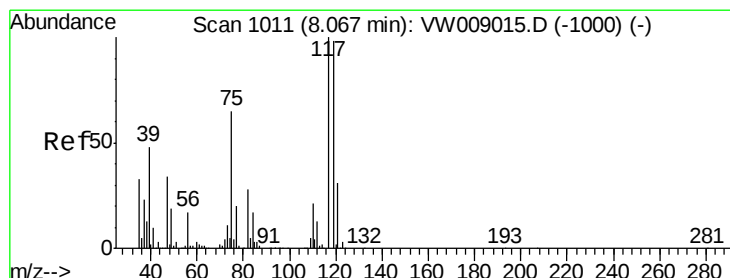
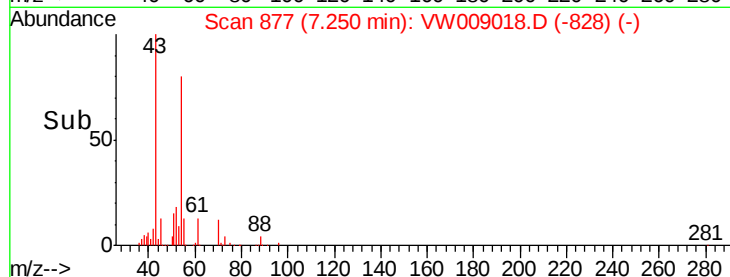
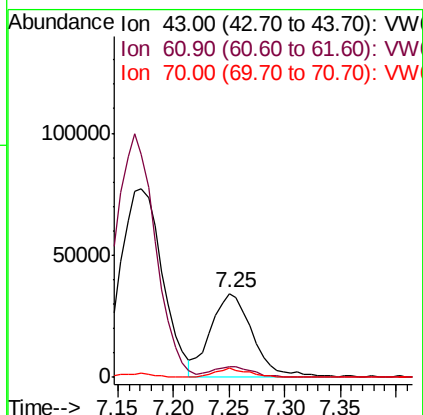
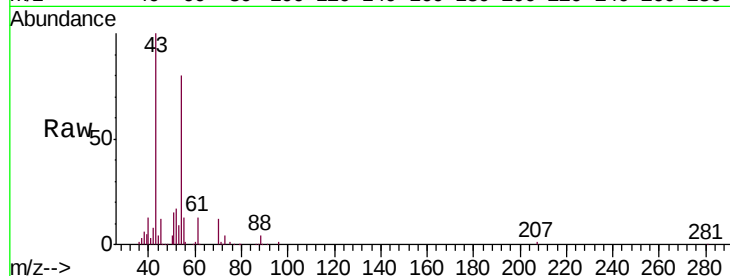




#37
Ethyl Acetate
Concen: 44.102 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW009018.D
Acq: 06 Mar 2019 15:30

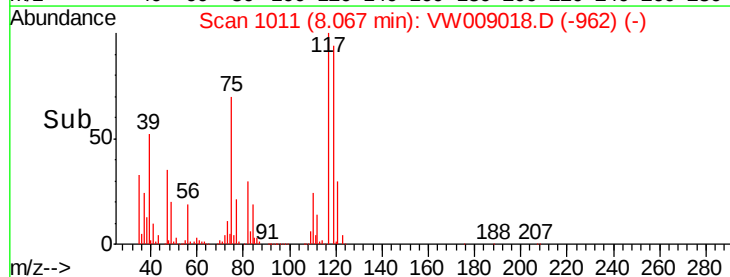
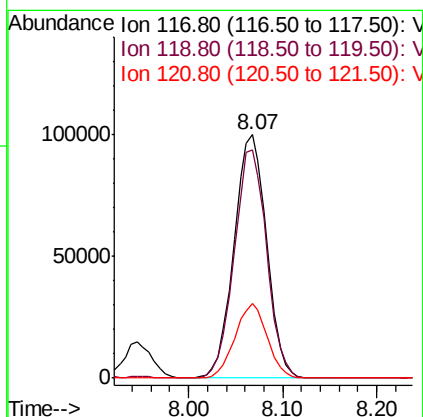
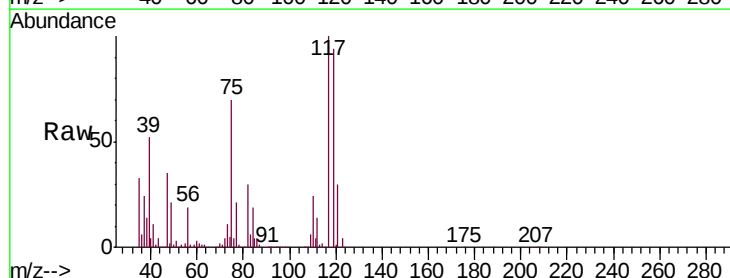
Instrument :
MSVOA_W
ClientSampleId :
ICVW030619

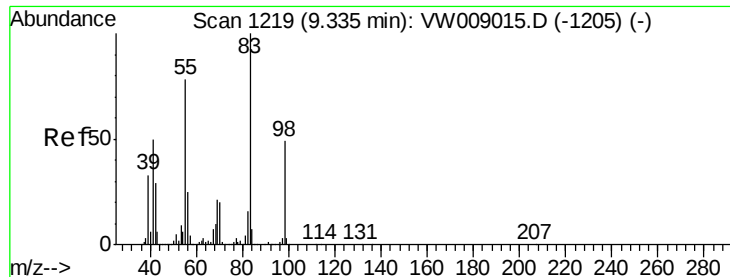
Tgt Ion: 43 Resp: 87904
Ion Ratio Lower Upper
43 100
61 12.5 10.6 15.8
70 9.4 7.8 11.8



#38
Carbon Tetrachloride
Concen: 51.751 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW009018.D
Acq: 06 Mar 2019 15:30

Tgt Ion: 117 Resp: 241331
Ion Ratio Lower Upper
117 100
119 93.8 78.4 117.6
121 30.4 24.7 37.1

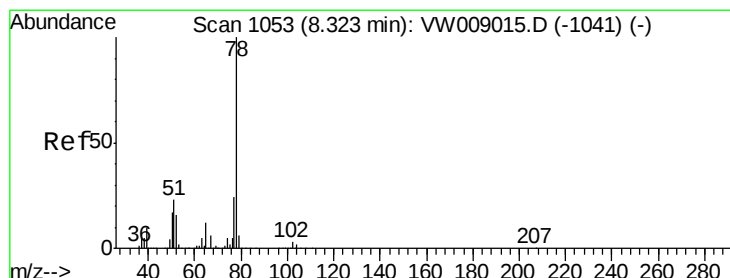
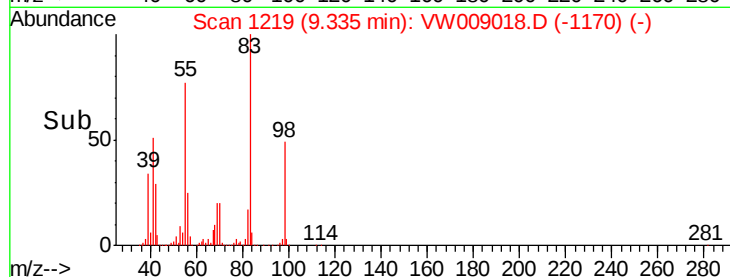
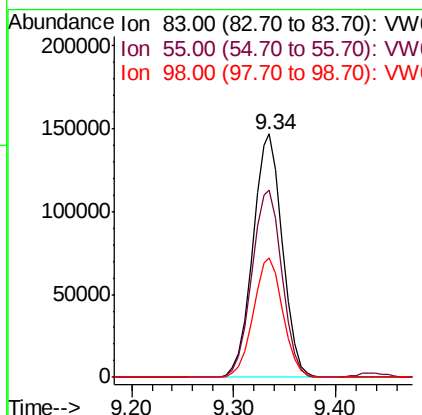
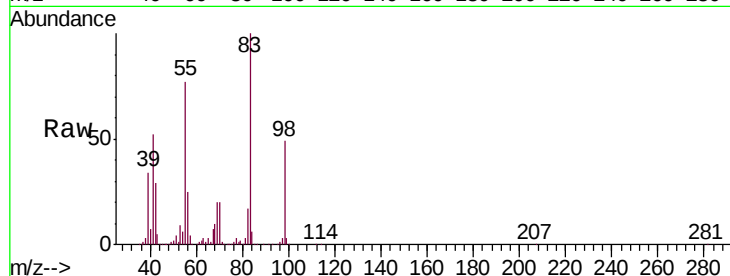




#39
Methylcyclohexane
Concen: 54.333 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW009018.D
Acq: 06 Mar 2019 15:30

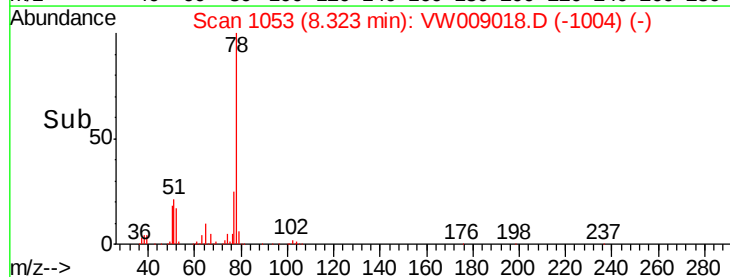
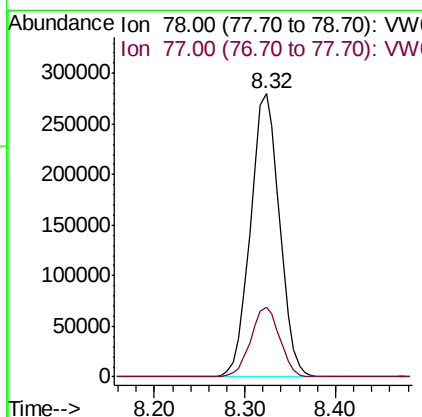
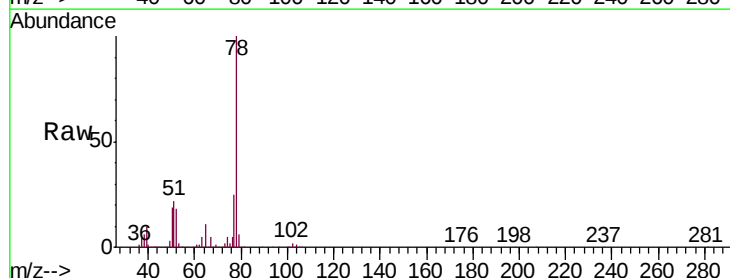
Instrument :
MSVOA_W
ClientSampleId :
ICVW030619

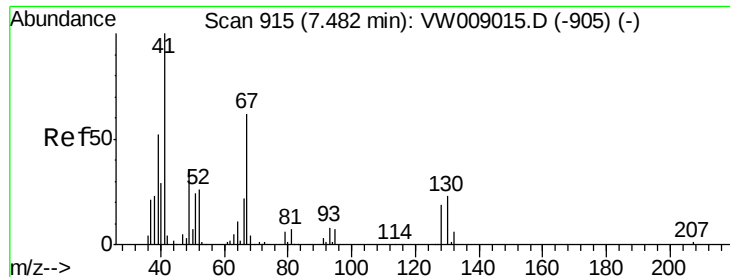
Tgt Ion: 83 Resp: 295780
Ion Ratio Lower Upper
83 100
55 76.6 62.6 93.8
98 49.1 39.4 59.2



#40
Benzene
Concen: 50.923 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW009018.D
Acq: 06 Mar 2019 15:30

Tgt Ion: 78 Resp: 618958
Ion Ratio Lower Upper
78 100
77 24.7 18.9 28.3

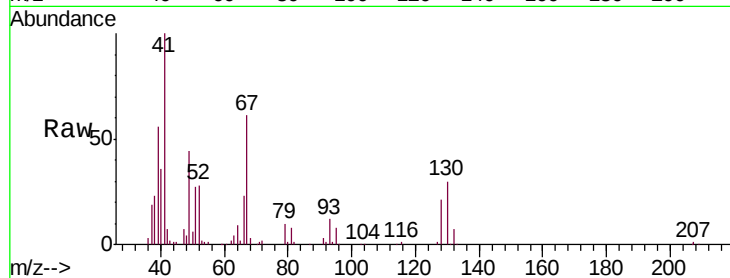




#41
Methacrylonitrile
Concen: 44.204 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW009018.D
Acq: 06 Mar 2019 15:30

Instrument :
MSVOA_W
ClientSampleId :
ICVW030619

Tgt Ion:	41	Resp:	52261
Ion	Ratio	Lower	Upper
41	100		
39	62.6	50.6	75.8
67	67.6	59.0	88.6
52	30.0	26.6	39.8



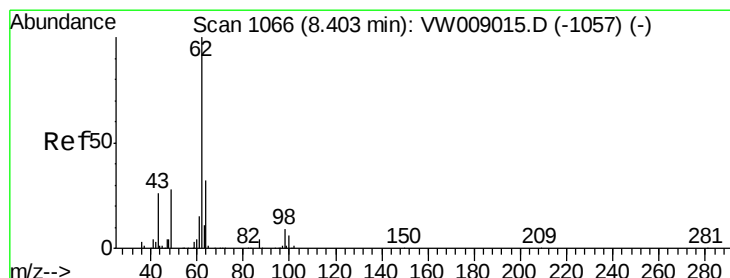
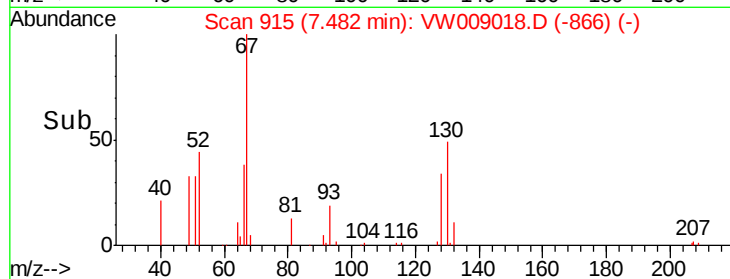
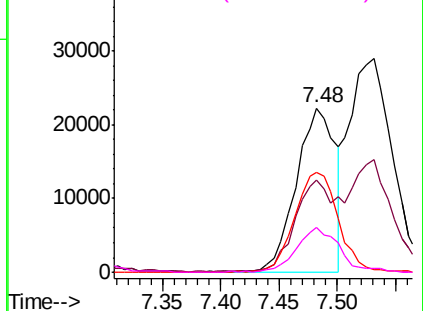
Abundance

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

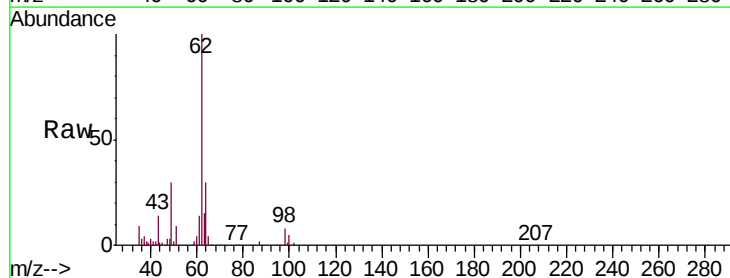
Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42
1,2-Dichloroethane
Concen: 45.842 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.01 min
Lab File: VW009018.D
Acq: 06 Mar 2019 15:30

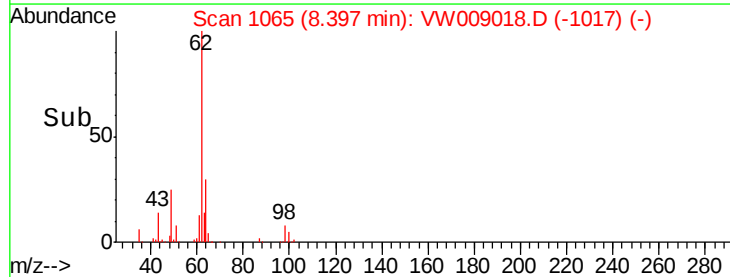
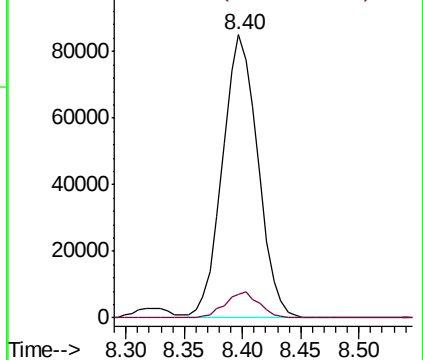
Tgt Ion:	62	Resp:	178835
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	17.8

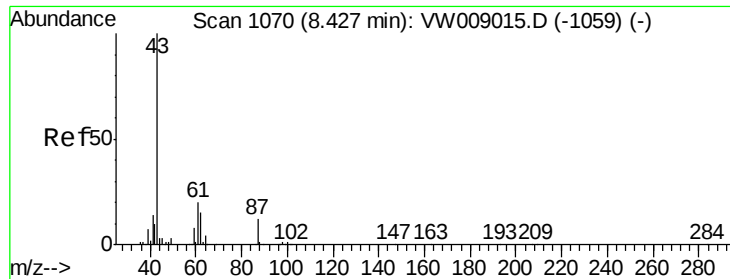


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 44.279 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW009018.D

Acq: 06 Mar 2019 15:30

Instrument :

MSVOA_W

ClientSampleId :

ICVW030619

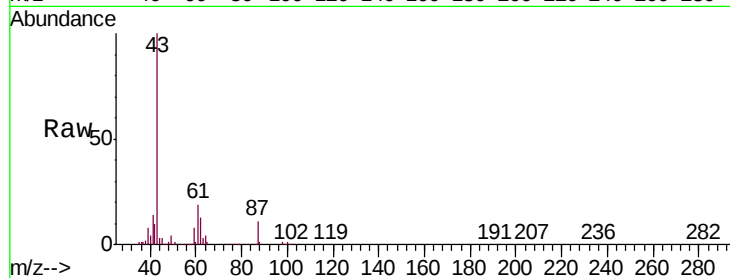
Tgt Ion: 43 Resp: 173496

Ion Ratio Lower Upper

43 100

61 28.8 23.5 35.3

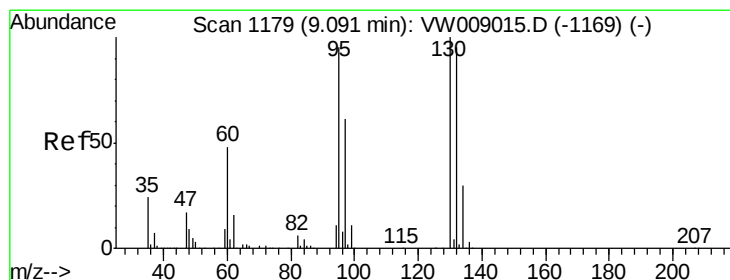
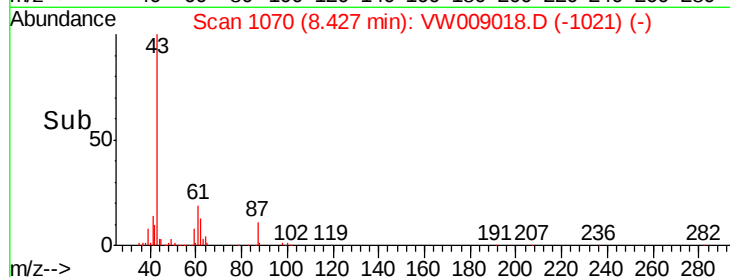
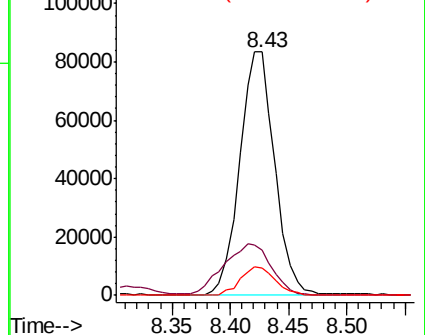
87 11.8 9.4 14.2



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: 50.015 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW009018.D

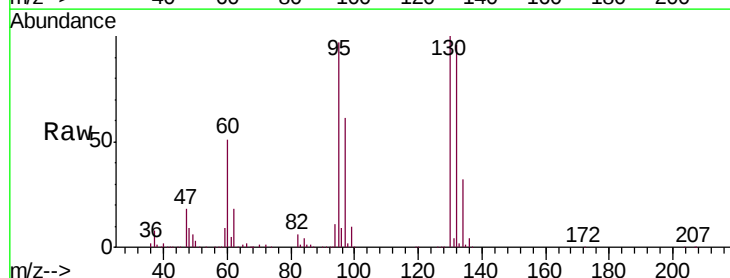
Acq: 06 Mar 2019 15:30

Tgt Ion: 130 Resp: 169509

Ion Ratio Lower Upper

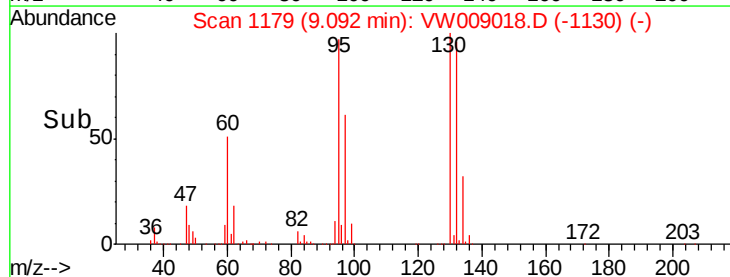
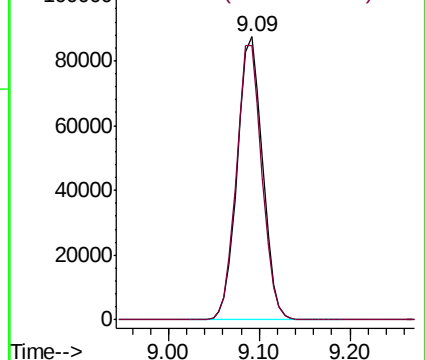
130 100

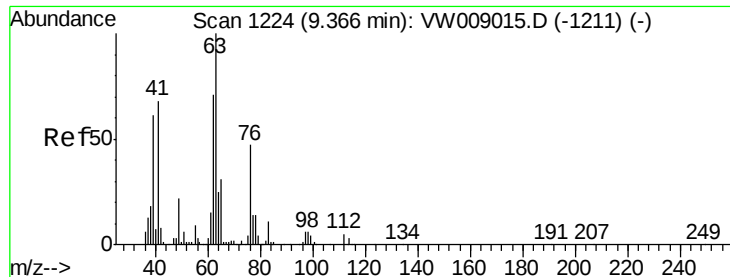
95 96.8 0.0 190.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 48.990 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW009018.D

Acq: 06 Mar 2019 15:30

Instrument :

MSVOA_W

ClientSampleId :

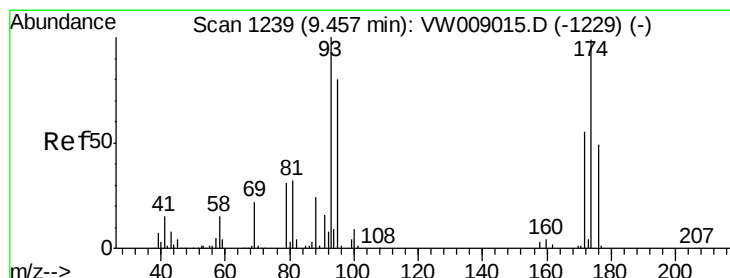
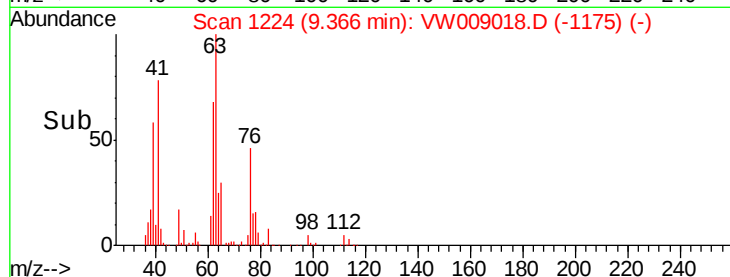
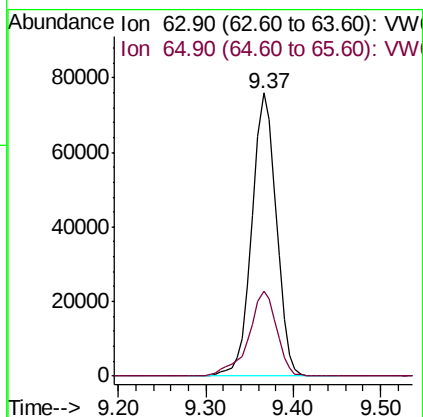
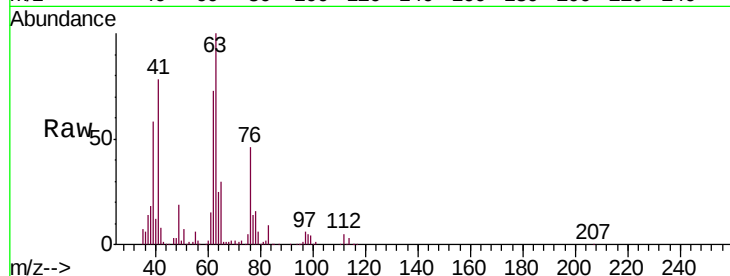
ICVW030619

Tgt Ion: 63 Resp: 147619

Ion Ratio Lower Upper

63 100

65 30.2 25.0 37.4



#46

Dibromomethane

Concen: 45.279 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VW009018.D

Acq: 06 Mar 2019 15:30

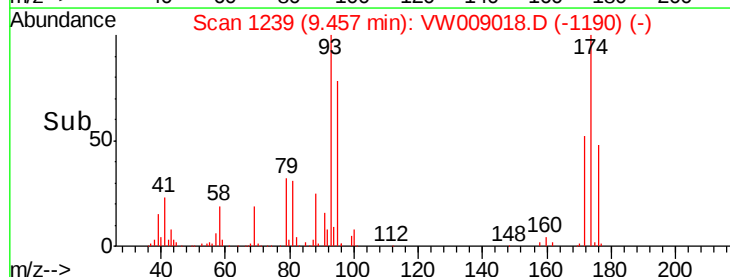
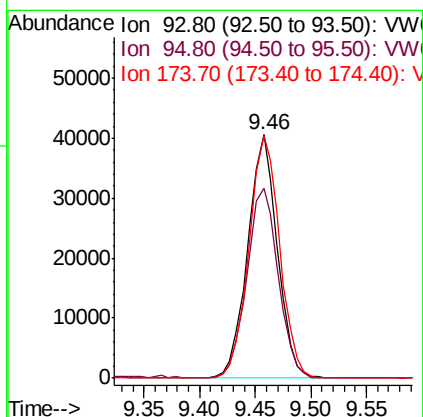
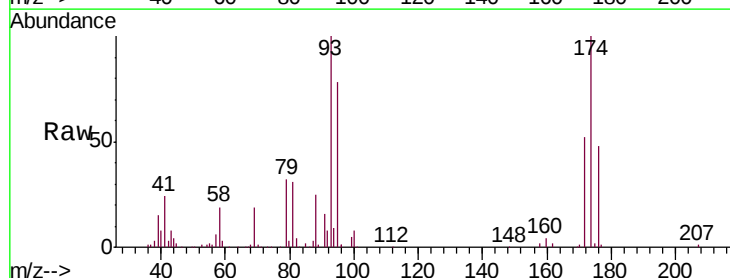
Tgt Ion: 93 Resp: 75269

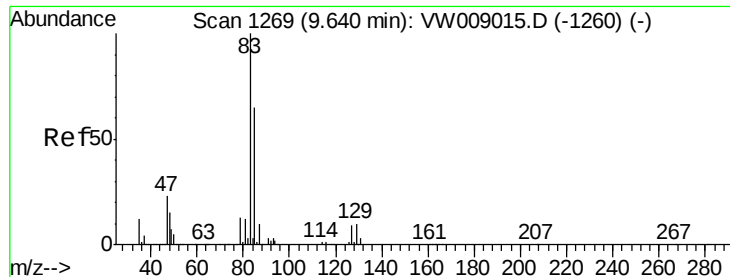
Ion Ratio Lower Upper

93 100

95 82.4 64.1 96.1

174 103.4 81.3 121.9





#47

Bromodichloromethane

Concen: 48.343 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VW009018.D

Acq: 06 Mar 2019 15:30

Instrument :

MSVOA_W

ClientSampleId :

ICVW030619

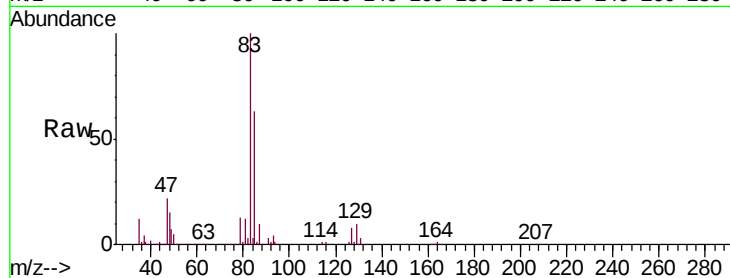
Tgt Ion: 83 Resp: 201461

Ion Ratio Lower Upper

83 100

85 62.6 51.9 77.9

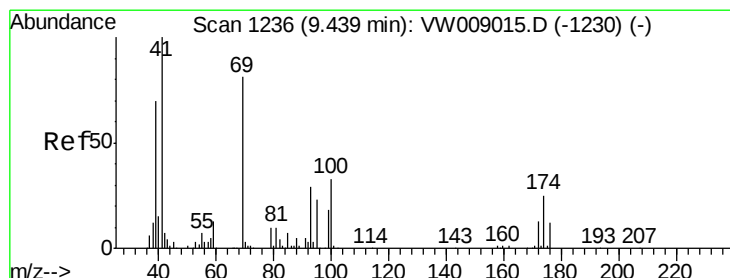
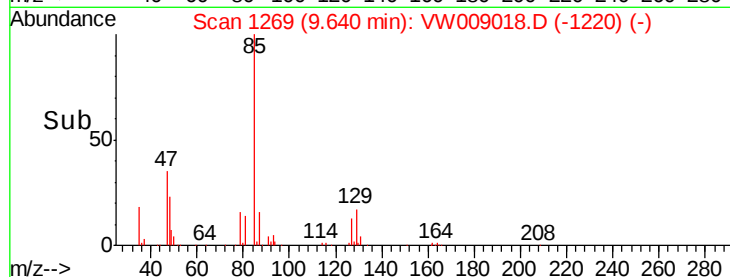
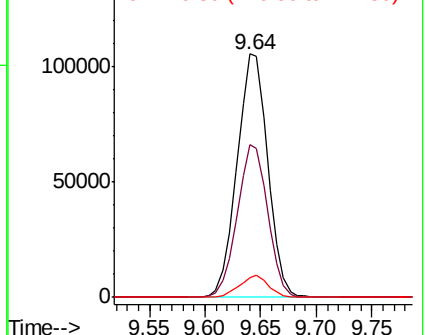
127 8.1 7.0 10.6



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): VW



#48

Methyl methacrylate

Concen: 44.761 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VW009018.D

Acq: 06 Mar 2019 15:30

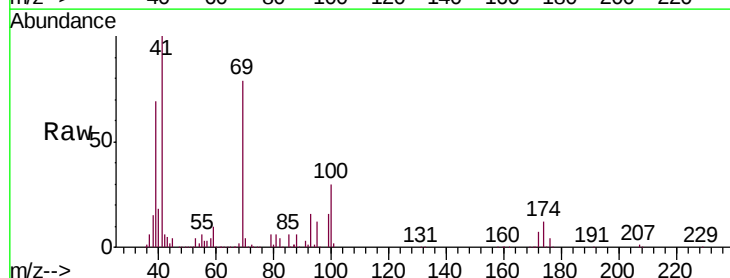
Tgt Ion: 41 Resp: 82873

Ion Ratio Lower Upper

41 100

69 82.2 61.8 92.6

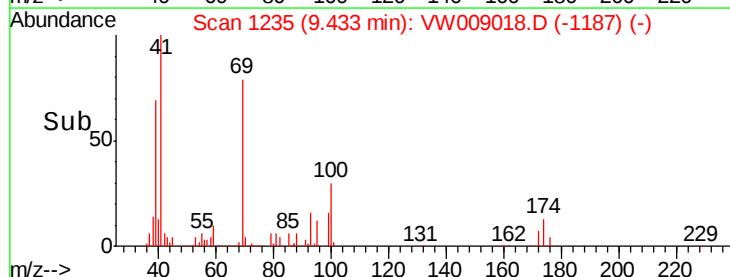
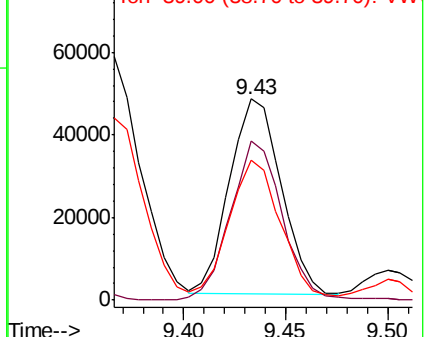
39 67.7 50.5 75.7

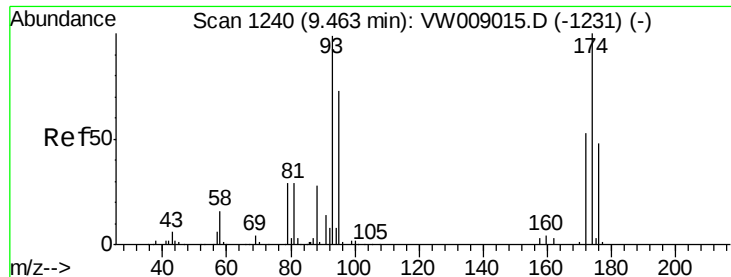


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 960.704 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VW009018.D

Acq: 06 Mar 2019 15:30

Instrument :

MSVOA_W

ClientSampleId :

ICVW030619

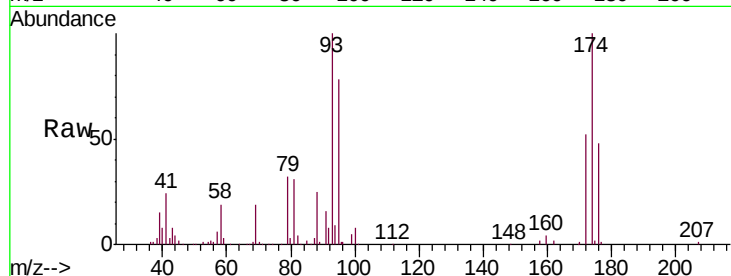
Tgt Ion: 88 Resp: 21832

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

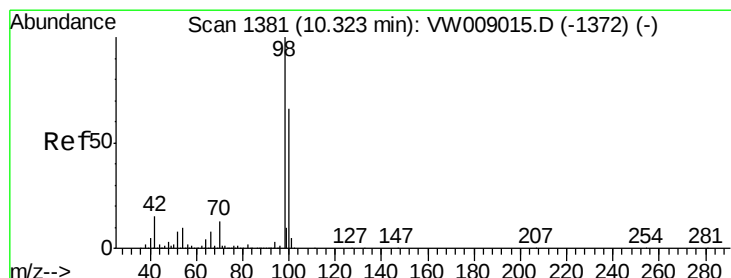
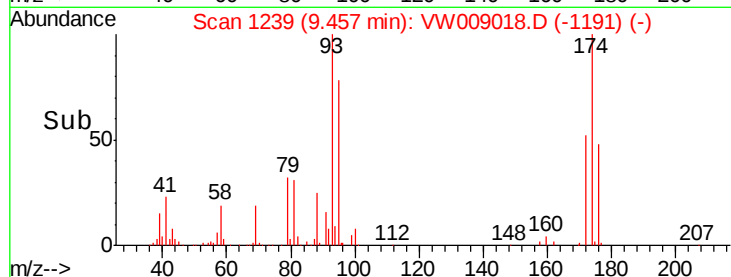
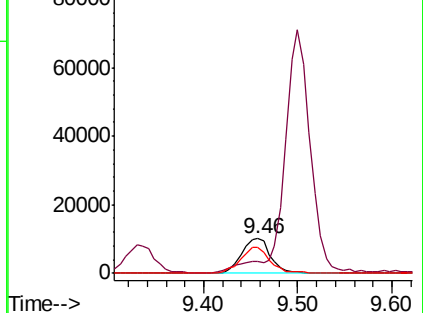
58 76.9 55.0 82.6



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: 54.783 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW009018.D

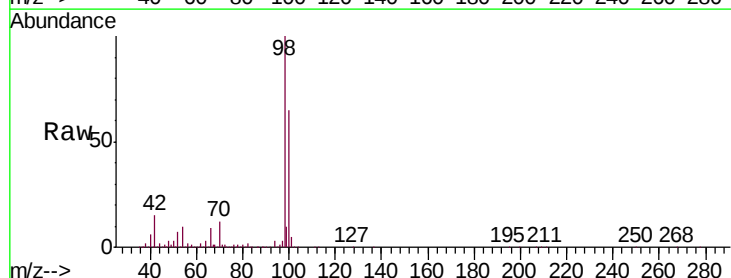
Acq: 06 Mar 2019 15:30

Tgt Ion: 98 Resp: 614197

Ion Ratio Lower Upper

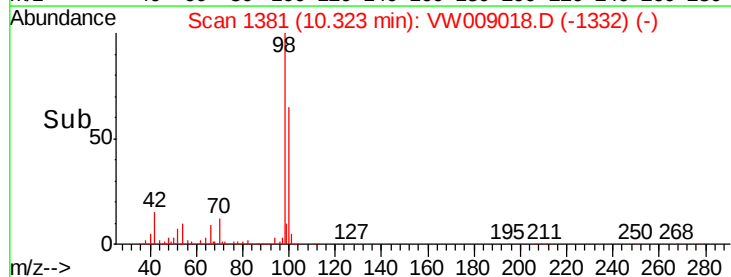
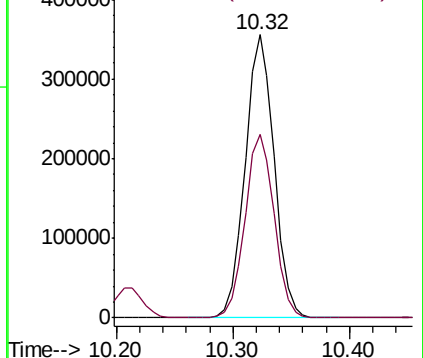
98 100

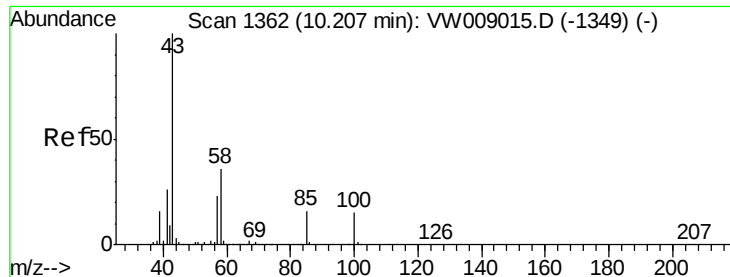
100 65.4 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 227.138 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW009018.D

Acq: 06 Mar 2019 15:30

Instrument :

MSVOA_W

ClientSampleId :

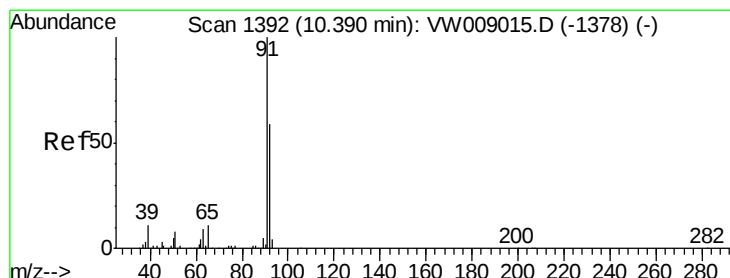
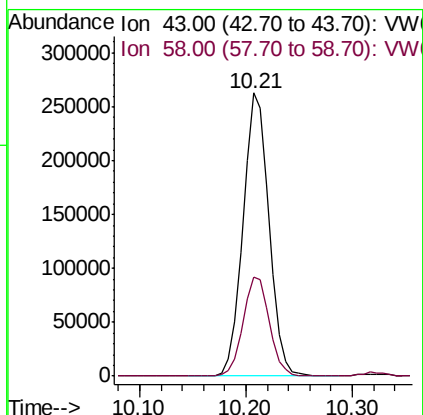
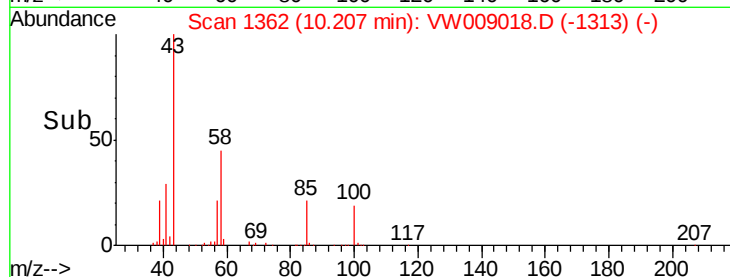
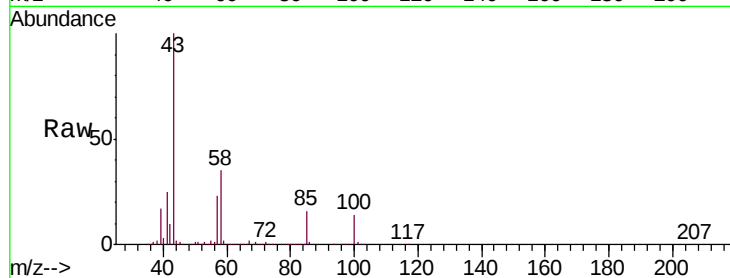
ICVW030619

Tgt Ion: 43 Resp: 450054

Ion Ratio Lower Upper

43 100

58 35.6 29.0 43.4



#52

Toluene

Concen: 53.254 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW009018.D

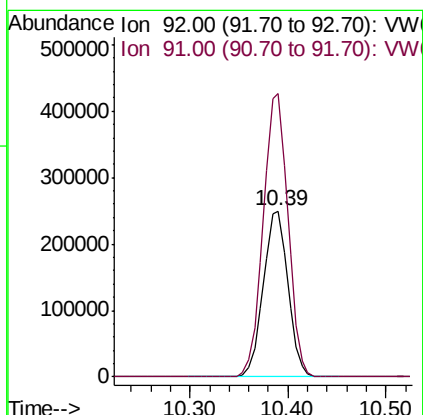
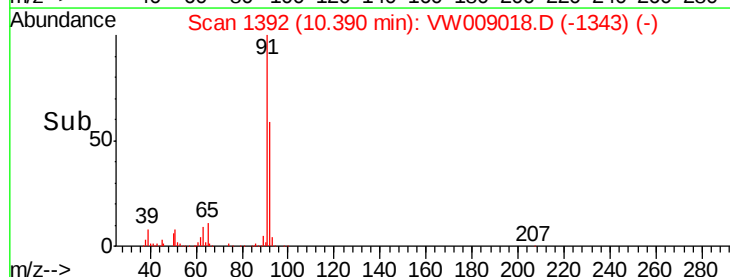
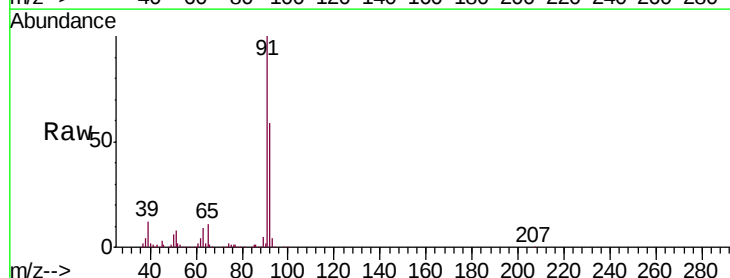
Acq: 06 Mar 2019 15:30

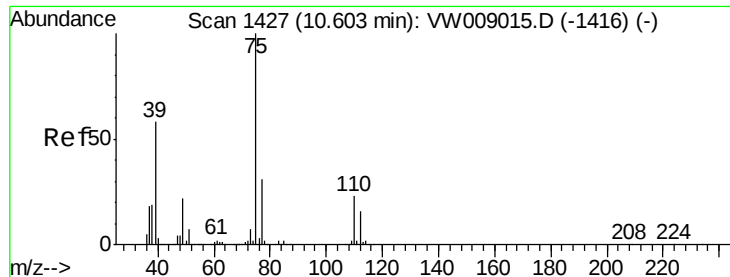
Tgt Ion: 92 Resp: 436966

Ion Ratio Lower Upper

92 100

91 171.6 138.1 207.1





#53

t-1,3-Dichloropropene

Concen: 48.501 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW009018.D

Acq: 06 Mar 2019 15:30

Instrument :

MSVOA_W

ClientSampleId :

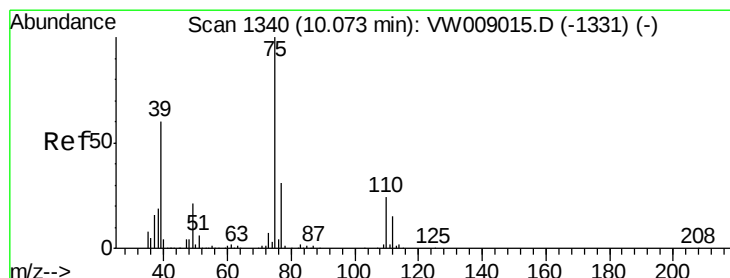
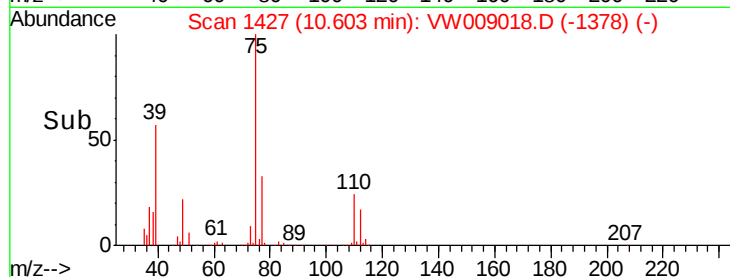
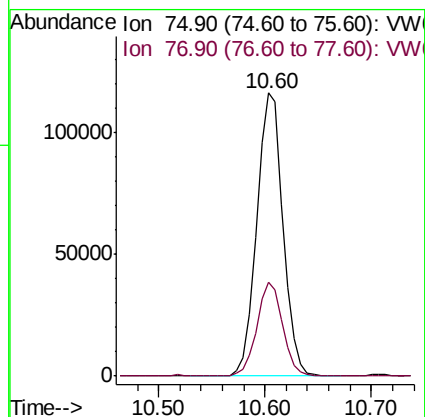
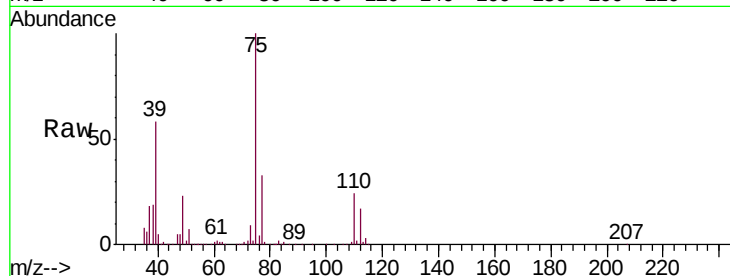
ICVW030619

Tgt Ion: 75 Resp: 200497

Ion Ratio Lower Upper

75 100

77 33.0 24.8 37.2



#54

cis-1,3-Dichloropropene

Concen: 50.360 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW009018.D

Acq: 06 Mar 2019 15:30

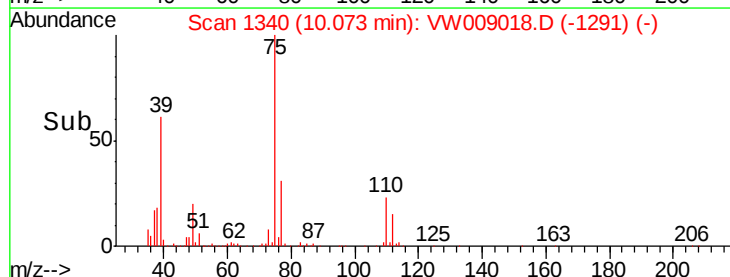
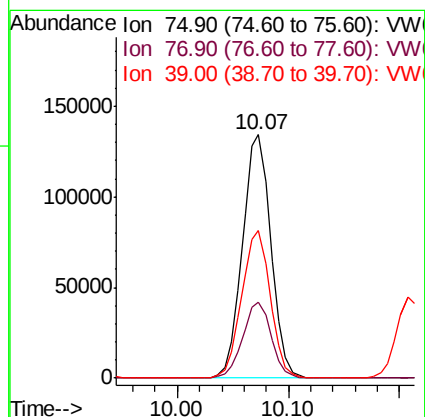
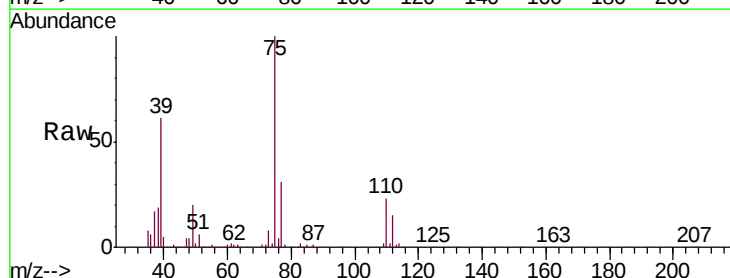
Tgt Ion: 75 Resp: 237657

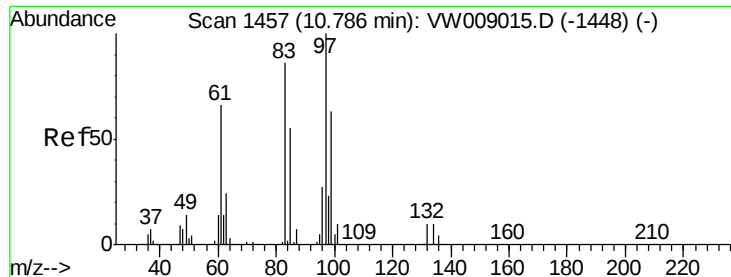
Ion Ratio Lower Upper

75 100

77 30.9 25.0 37.4

39 60.5 48.2 72.2

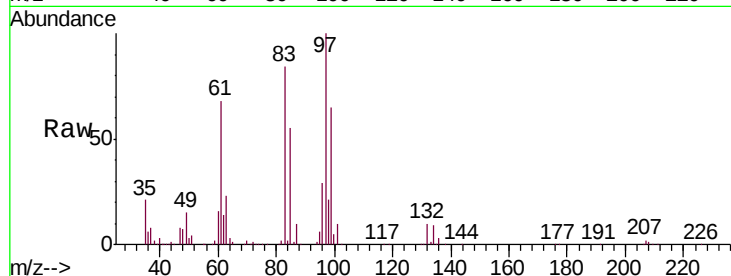




#55
 1,1,2-Trichloroethane
 Concen: 45.967 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW009018.D
 Acq: 06 Mar 2019 15:30

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW030619

Tgt Ion:	97	Resp:	103786
Ion	Ratio	Lower	Upper
97	100		
83	84.3	68.8	103.2
85	55.0	43.7	65.5
99	65.2	50.1	75.1



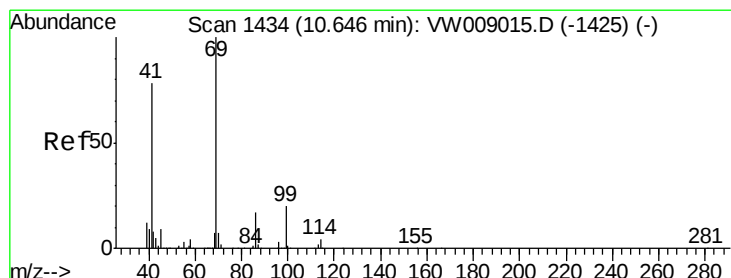
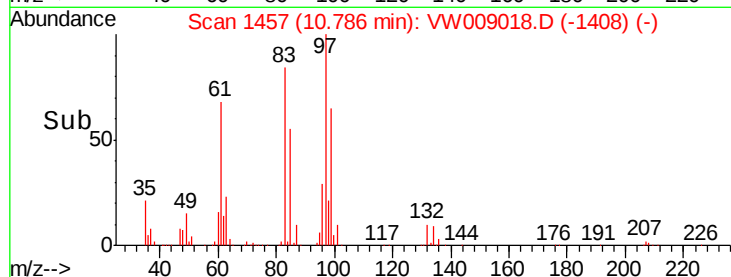
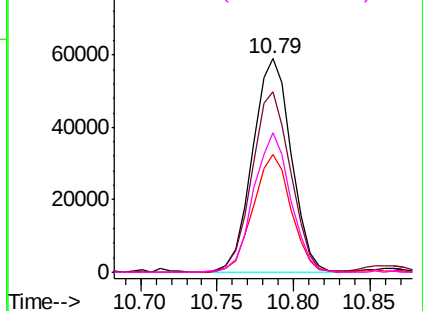
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

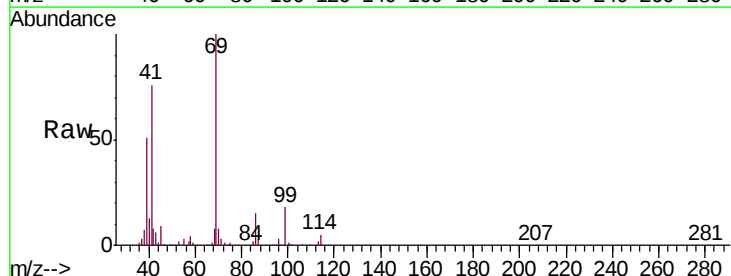
Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56
 Ethyl methacrylate
 Concen: 49.908 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW009018.D
 Acq: 06 Mar 2019 15:30

Tgt Ion:	69	Resp:	139385
Ion	Ratio	Lower	Upper
69	100		
41	74.5	58.9	88.3
39	45.7	37.6	56.4

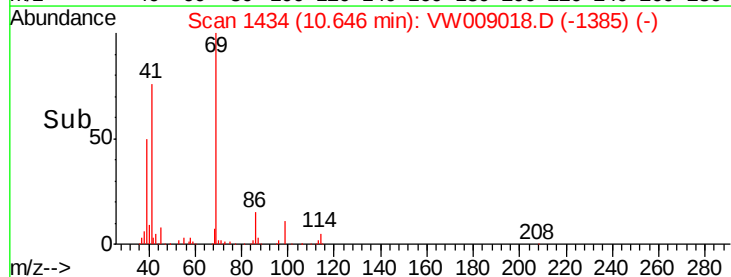
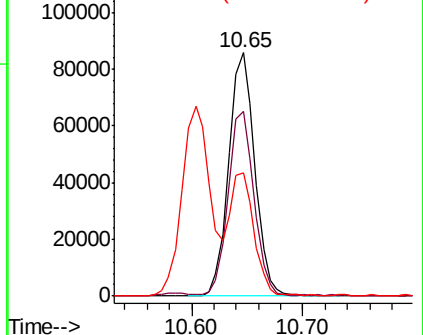


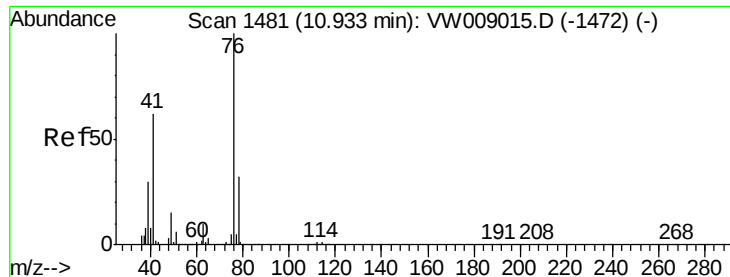
Abundance

Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW





#57

1,3-Dichloropropane

Concen: 46.547 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. 0.00 min

Lab File: VW009018.D

Acq: 06 Mar 2019 15:30

Instrument :

MSVOA_W

ClientSampleId :

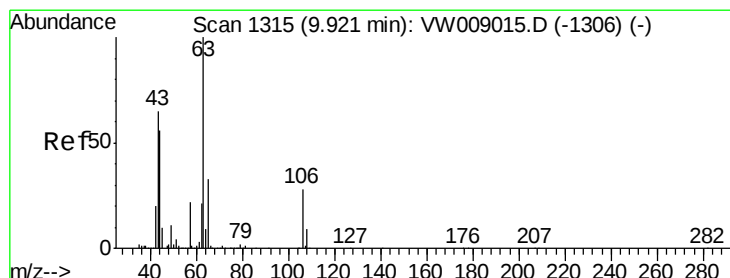
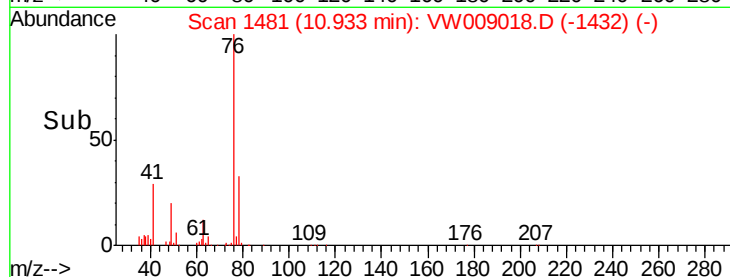
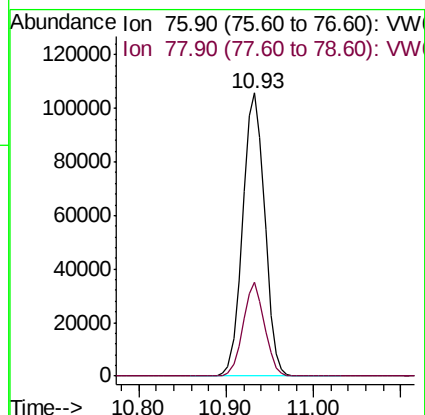
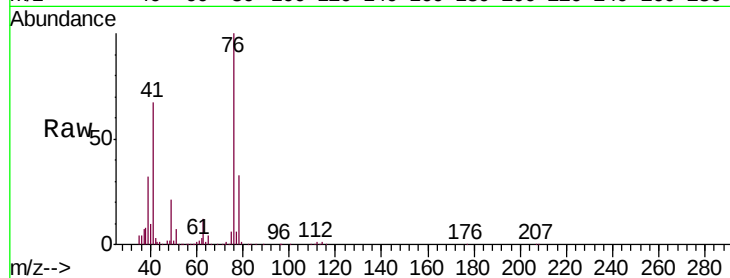
ICVW030619

Tgt Ion: 76 Resp: 184814

Ion Ratio Lower Upper

76 100

78 32.3 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 221.674 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. 0.00 min

Lab File: VW009018.D

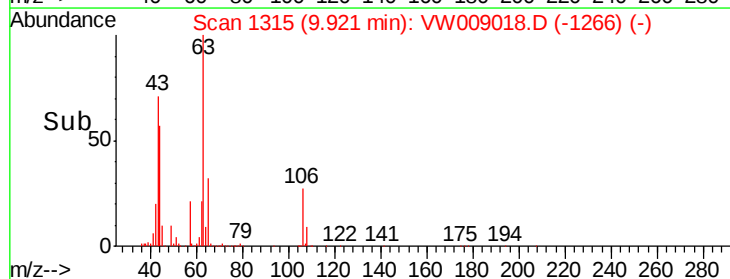
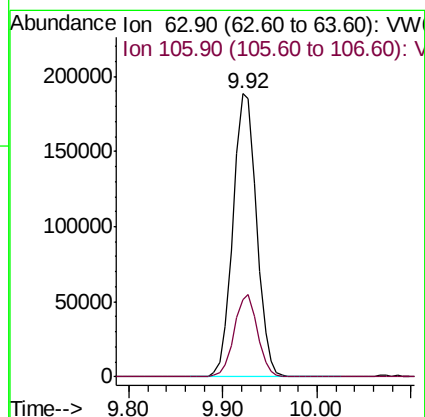
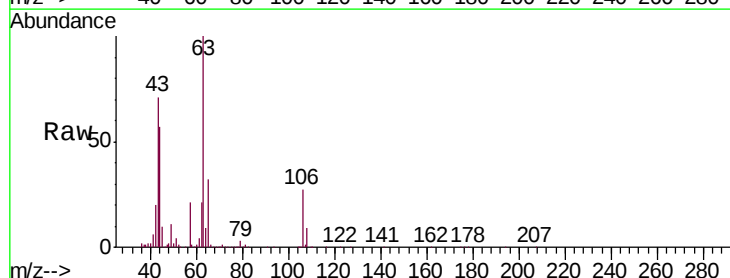
Acq: 06 Mar 2019 15:30

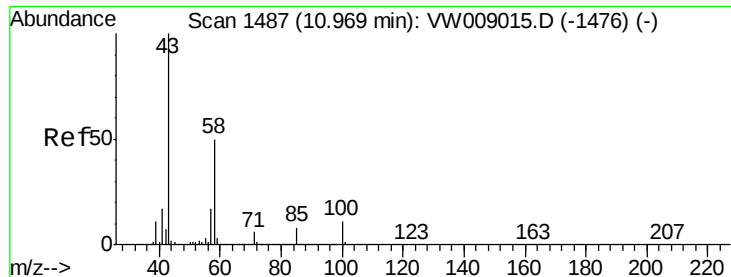
Tgt Ion: 63 Resp: 328512

Ion Ratio Lower Upper

63 100

106 28.6 23.0 34.6





#59

2-Hexanone

Concen: 244.986 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW009018.D

Acq: 06 Mar 2019 15:30

Instrument :

MSVOA_W

ClientSampleId :

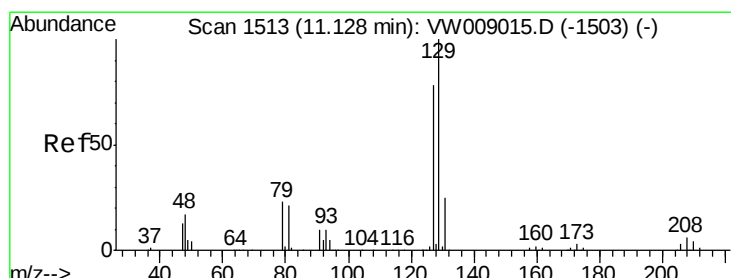
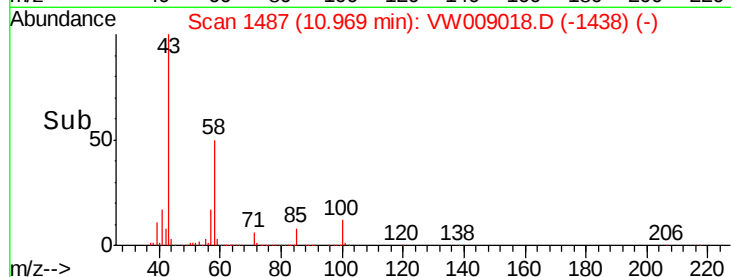
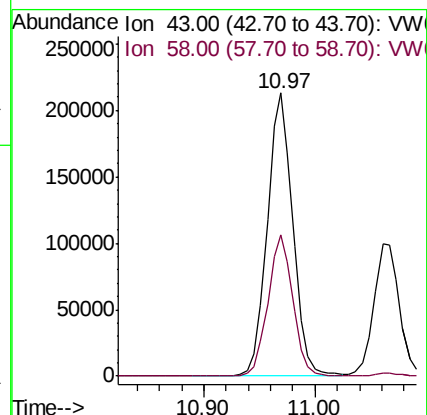
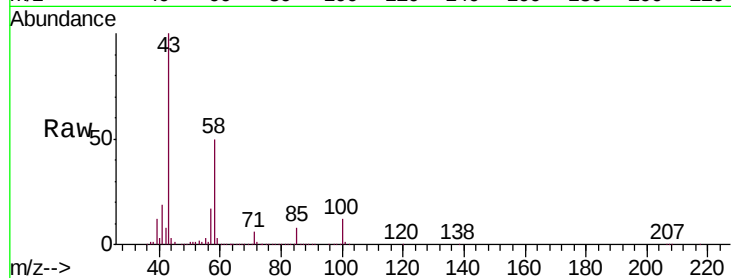
ICVW030619

Tgt Ion: 43 Resp: 341251

Ion Ratio Lower Upper

43 100

58 48.7 25.3 75.8



#60

Dibromochloromethane

Concen: 47.389 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VW009018.D

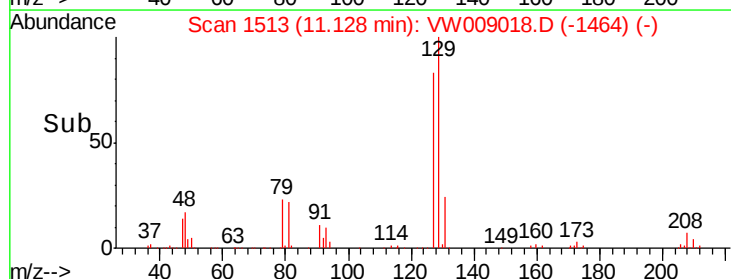
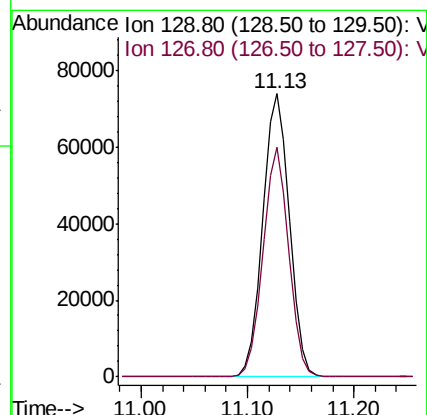
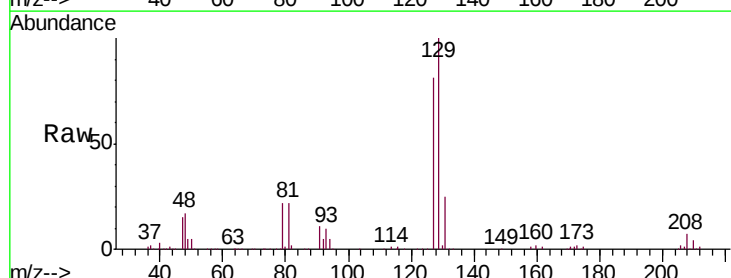
Acq: 06 Mar 2019 15:30

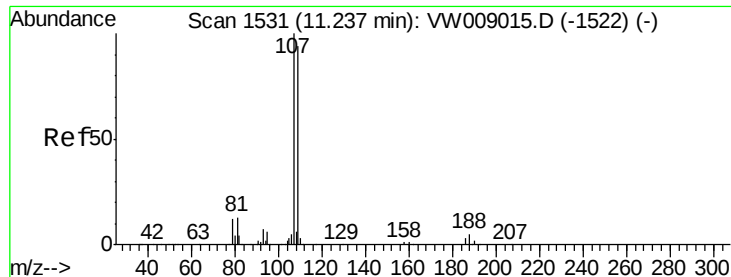
Tgt Ion: 129 Resp: 129960

Ion Ratio Lower Upper

129 100

127 77.9 39.0 116.9





#61

1,2-Dibromoethane

Concen: 47.418 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW009018.D

Acq: 06 Mar 2019 15:30

Instrument :

MSVOA_W

ClientSampleId :

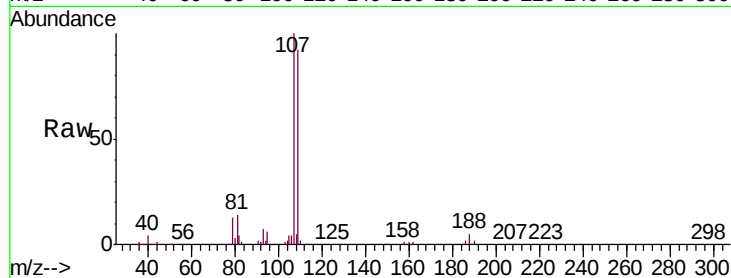
ICVW030619

Tgt Ion: 107 Resp: 101476

Ion Ratio Lower Upper

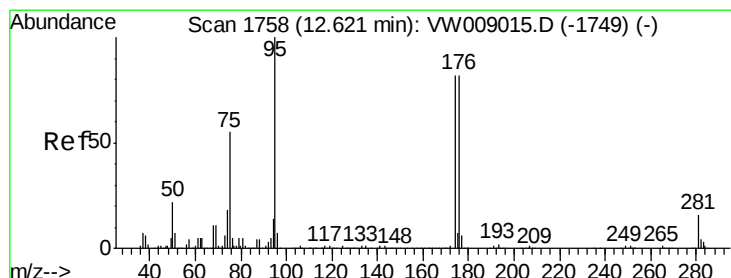
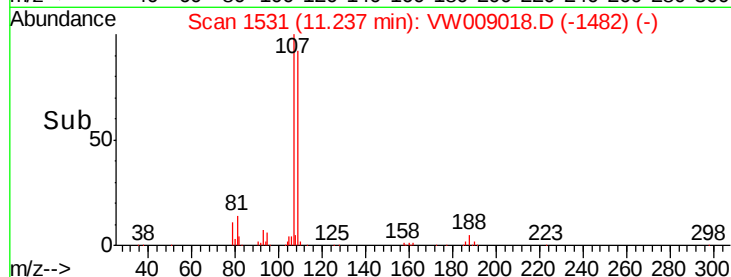
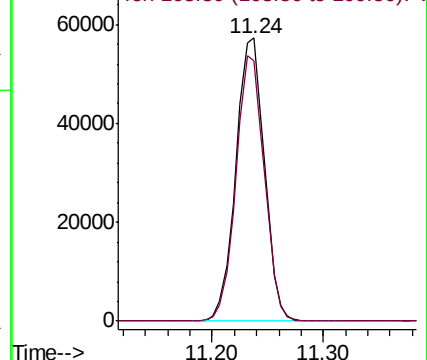
107 100

109 93.5 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.528 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW009018.D

Acq: 06 Mar 2019 15:30

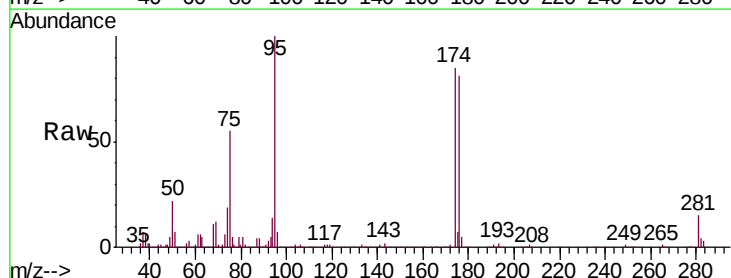
Tgt Ion: 95 Resp: 227443

Ion Ratio Lower Upper

95 100

174 83.0 0.0 165.8

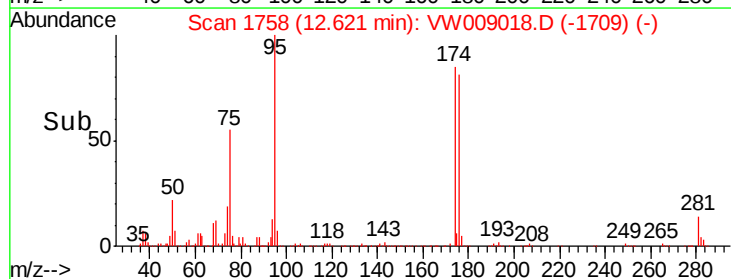
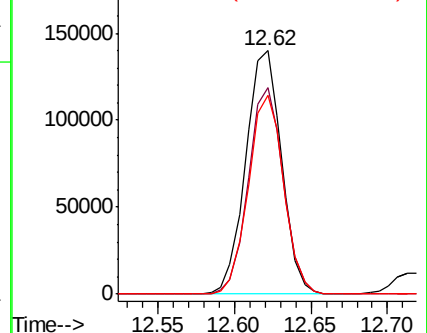
176 80.5 0.0 159.8

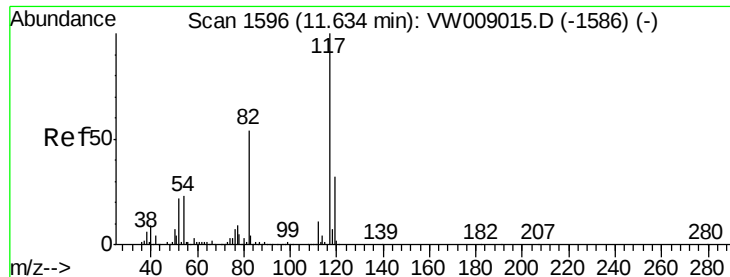


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.01 min

Lab File: VW009018.D

Acq: 06 Mar 2019 15:30

Instrument :

MSVOA_W

ClientSampleId :

ICVW030619

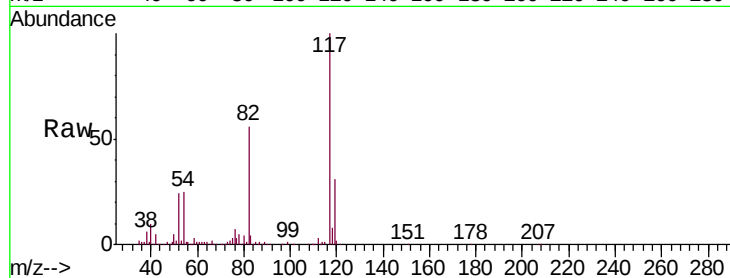
Tgt Ion:117 Resp: 435858

Ion Ratio Lower Upper

117 100

82 55.8 43.4 65.2

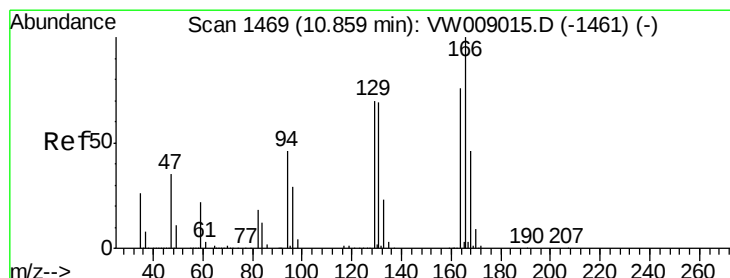
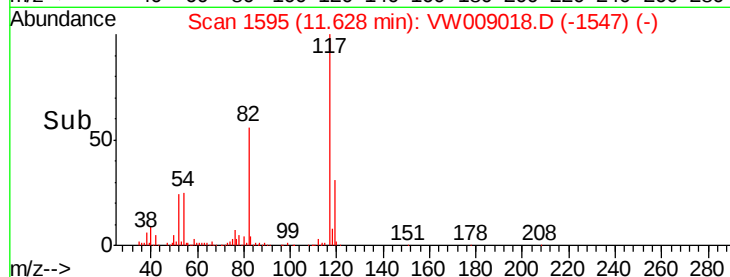
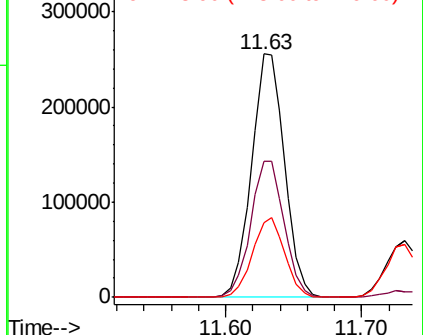
119 30.5 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 52.136 ug/l

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW009018.D

Acq: 06 Mar 2019 15:30

Tgt Ion:164 Resp: 156901

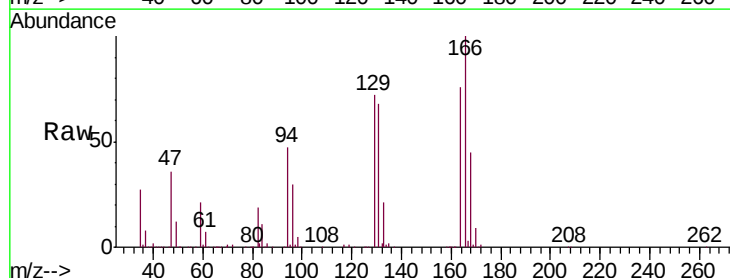
Ion Ratio Lower Upper

164 100

166 131.4 104.6 157.0

129 94.0 73.4 110.2

131 89.7 72.7 109.1

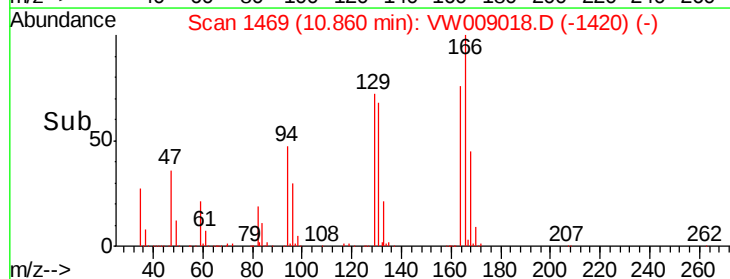
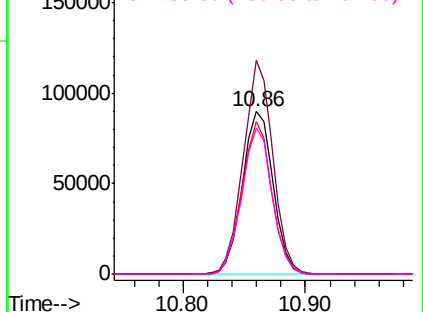


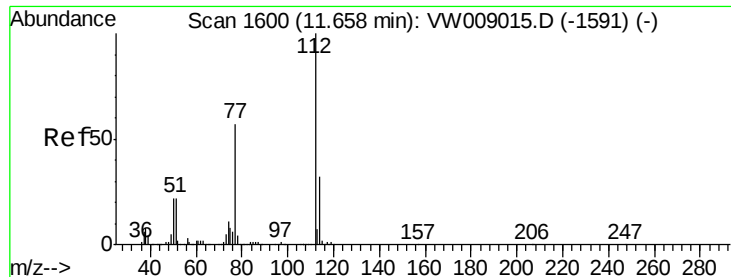
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

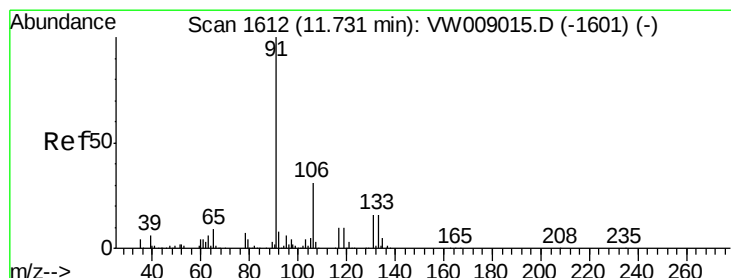
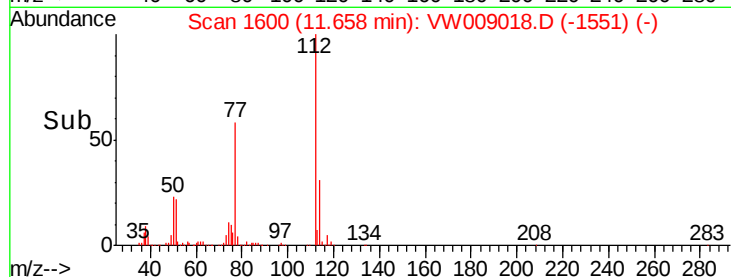
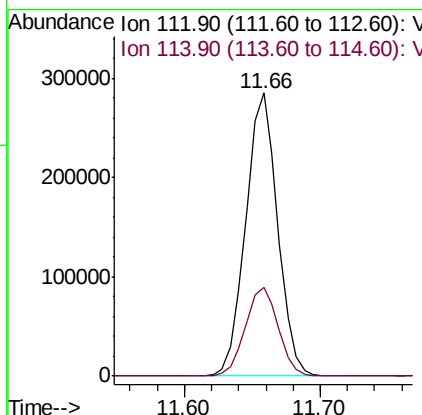
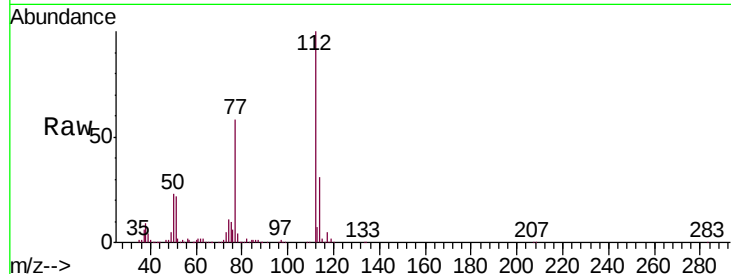




#65
Chlorobenzene
Concen: 51.798 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW009018.D
Acq: 06 Mar 2019 15:30

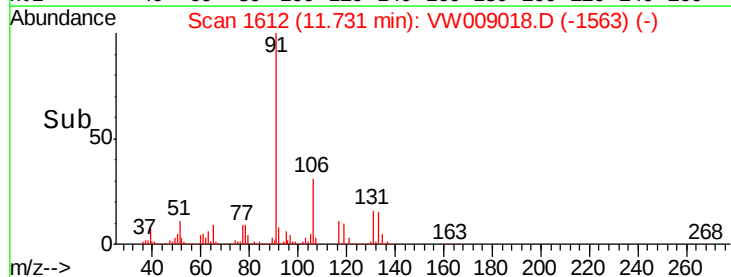
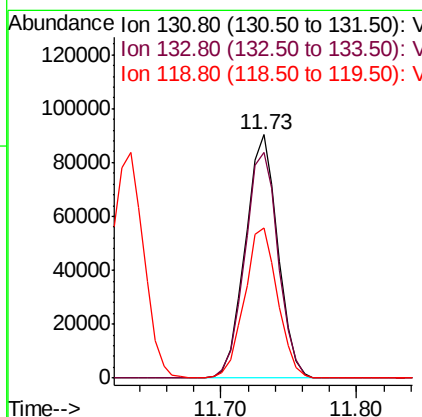
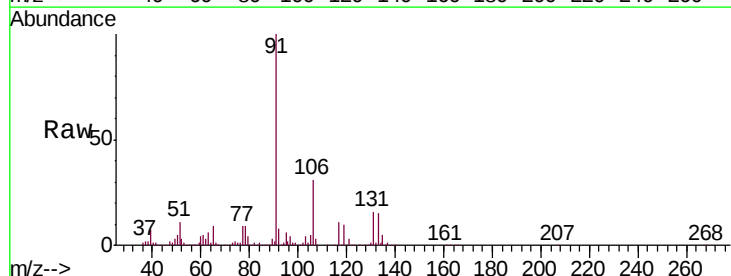
Instrument :
MSVOA_W
ClientSampleId :
ICVW030619

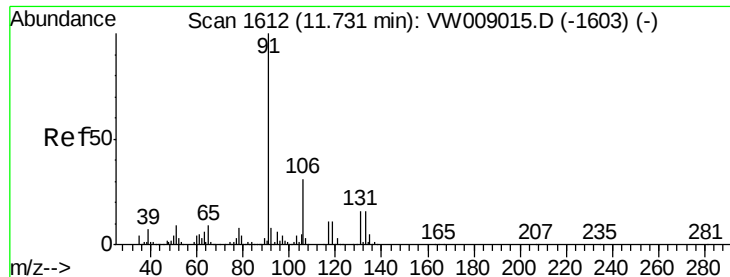
Tgt Ion:112 Resp: 468611
Ion Ratio Lower Upper
112 100
114 31.3 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 49.623 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW009018.D
Acq: 06 Mar 2019 15:30

Tgt Ion:131 Resp: 150766
Ion Ratio Lower Upper
131 100
133 95.7 48.1 144.3
119 63.0 31.1 93.5





#67

Ethyl Benzene

Concen: 53.852 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW009018.D

Acq: 06 Mar 2019 15:30

Instrument :

MSVOA_W

ClientSampleId :

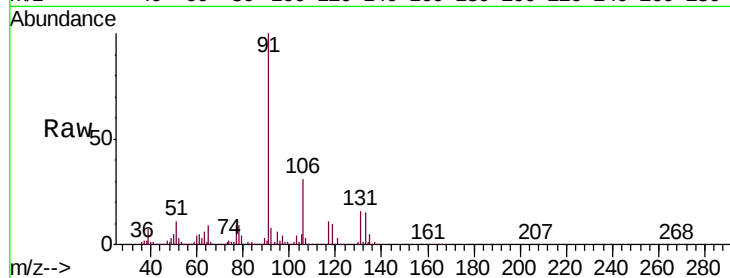
ICVW030619

Tgt Ion: 91 Resp: 883330

Ion Ratio Lower Upper

91 100

106 31.0 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V

11.73

600000

500000

400000

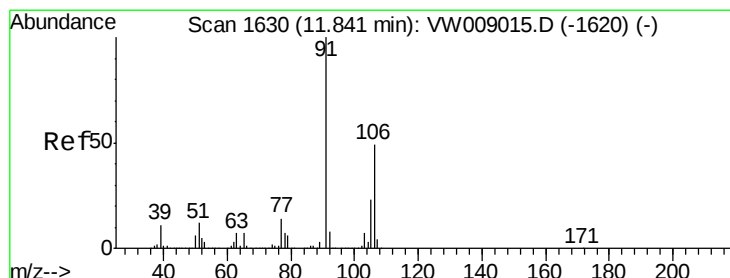
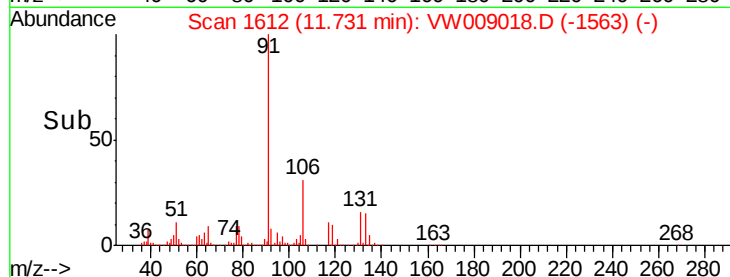
300000

200000

100000

0

Time-->



#68

m/p-Xylenes

Concen: 106.955 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VW009018.D

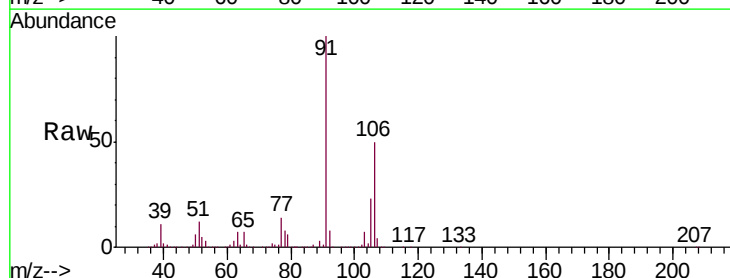
Acq: 06 Mar 2019 15:30

Tgt Ion: 106 Resp: 692245

Ion Ratio Lower Upper

106 100

91 202.8 162.9 244.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW

11.84

800000

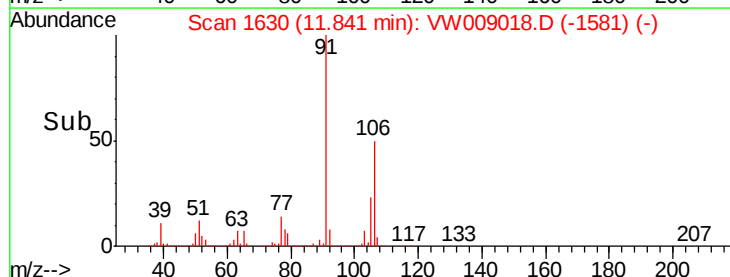
600000

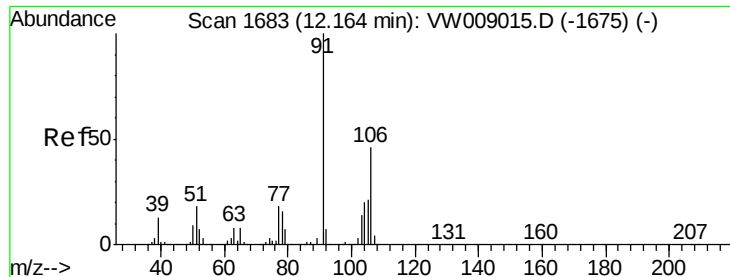
400000

200000

0

Time-->

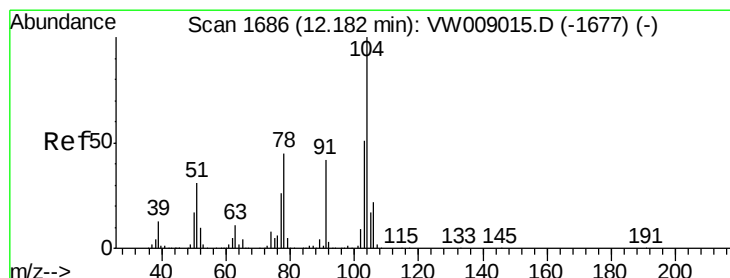
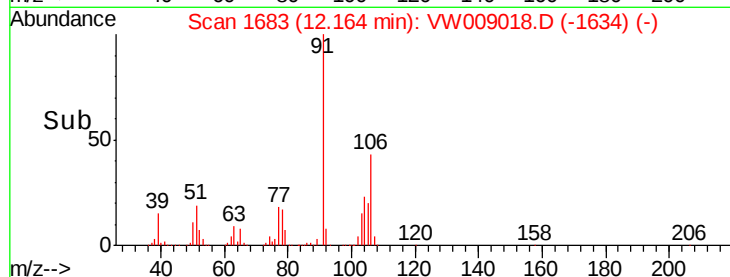
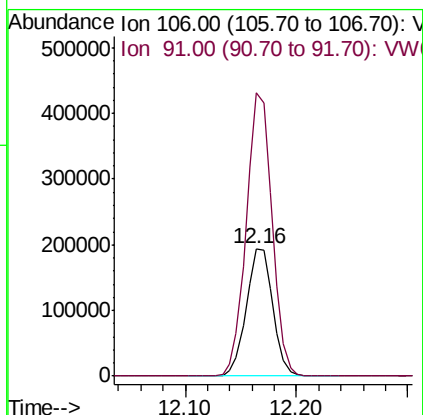
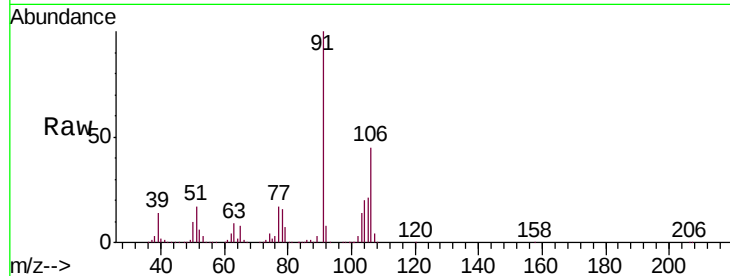




#69
o-Xylene
Concen: 53.014 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW009018.D
Acq: 06 Mar 2019 15:30

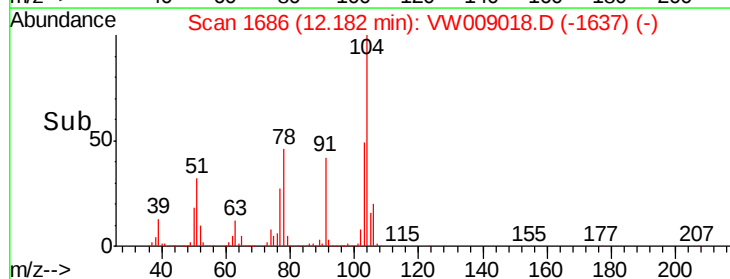
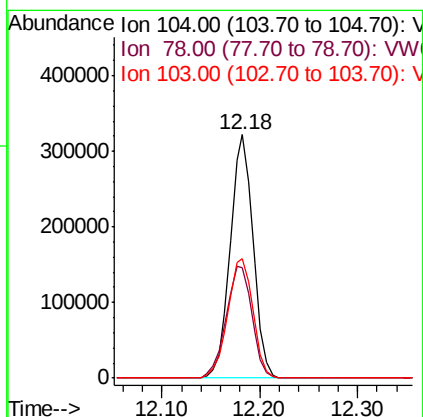
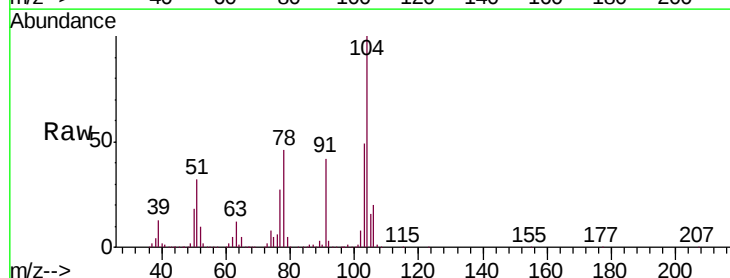
Instrument :
MSVOA_W
ClientSampleId :
ICVW030619

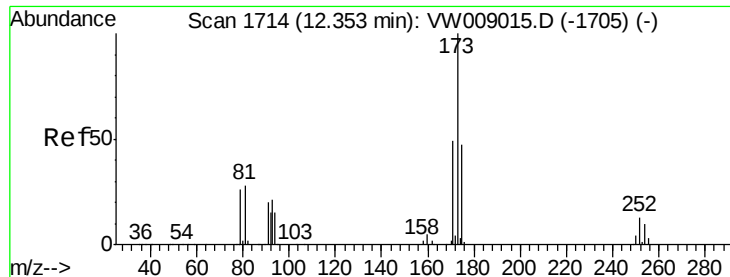
Tgt Ion:106 Resp: 320313
Ion Ratio Lower Upper
106 100
91 217.4 107.4 322.2



#70
Styrene
Concen: 53.204 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW009018.D
Acq: 06 Mar 2019 15:30

Tgt Ion:104 Resp: 520759
Ion Ratio Lower Upper
104 100
78 52.1 41.9 62.9
103 54.5 44.9 67.3





#71

Bromoform

Concen: 46.147 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.01 min

Lab File: VW009018.D

Acq: 06 Mar 2019 15:30

Instrument :

MSVOA_W

ClientSampleId :

ICVW030619

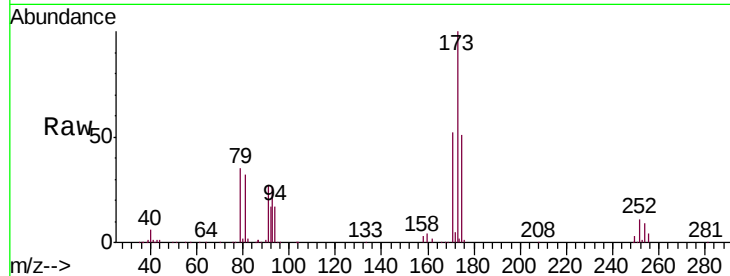
Tgt Ion:173 Resp: 74704

Ion Ratio Lower Upper

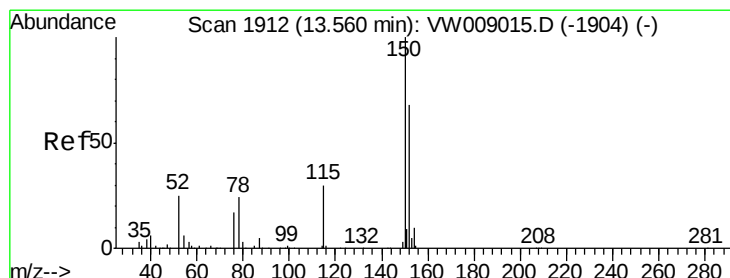
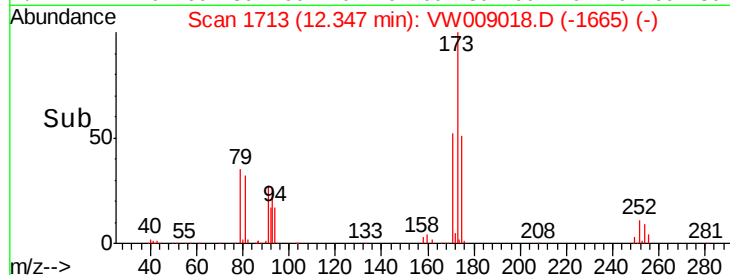
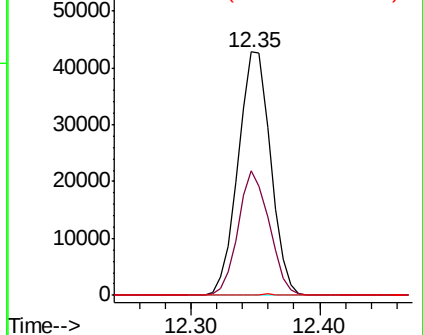
173 100

175 49.2 23.3 69.9

254 0.1 0.1 0.1



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW009018.D

Acq: 06 Mar 2019 15:30

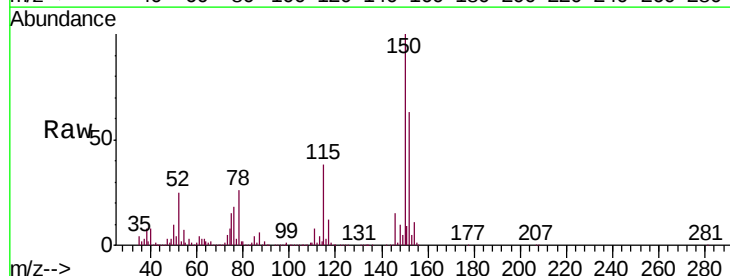
Tgt Ion:152 Resp: 239145

Ion Ratio Lower Upper

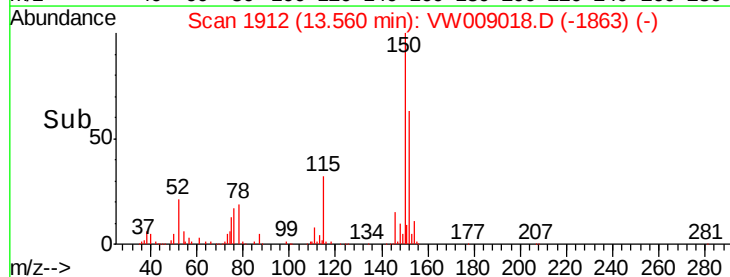
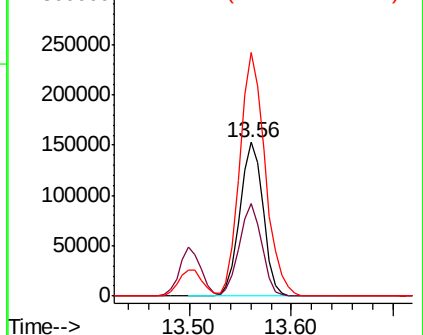
152 100

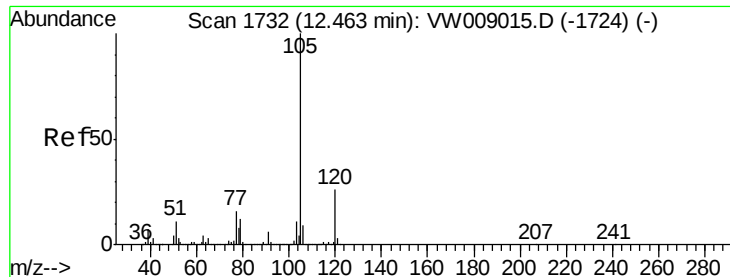
115 58.2 29.3 87.8

150 173.3 0.0 348.6



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





#73

Isopropylbenzene

Concen: 55.656 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW009018.D

Acq: 06 Mar 2019 15:30

Instrument :

MSVOA_W

ClientSampleId :

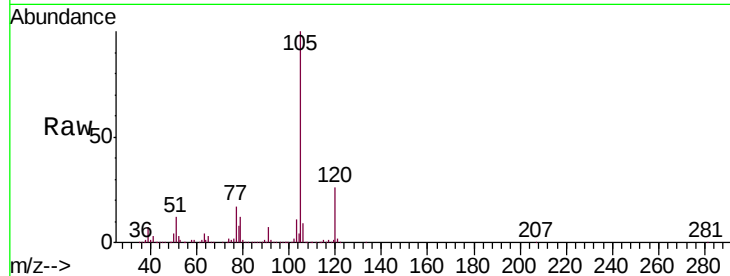
ICVW030619

Tgt Ion: 105 Resp: 911049

Ion Ratio Lower Upper

105 100

120 26.4 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.46

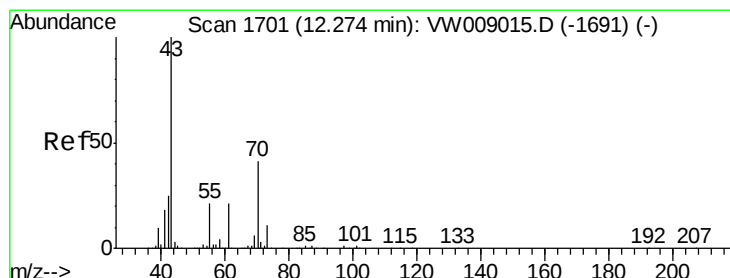
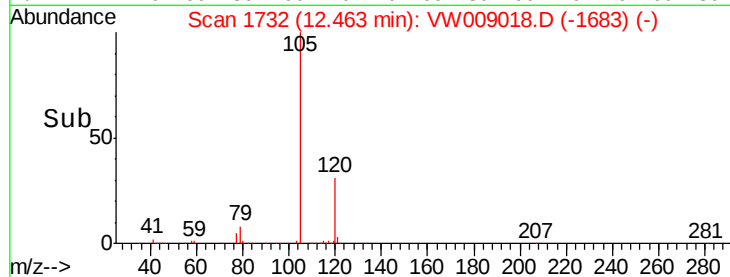
600000

400000

200000

0

Time-->



#74

N-ethyl acetate

Concen: 44.914 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW009018.D

Acq: 06 Mar 2019 15:30

Tgt Ion: 43 Resp: 193272

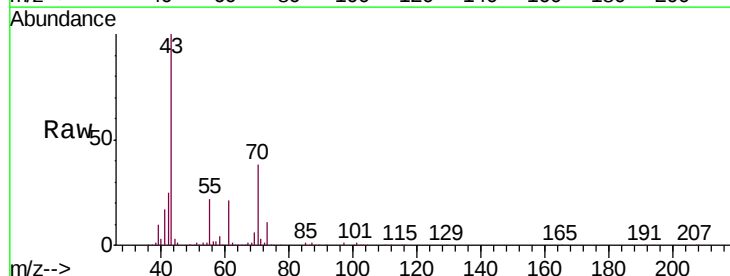
Ion Ratio Lower Upper

43 100

70 37.9 31.2 46.8

55 22.8 18.0 27.0

61 21.8 17.3 25.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

200000

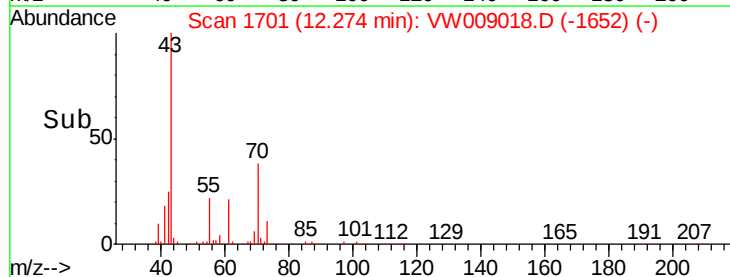
150000

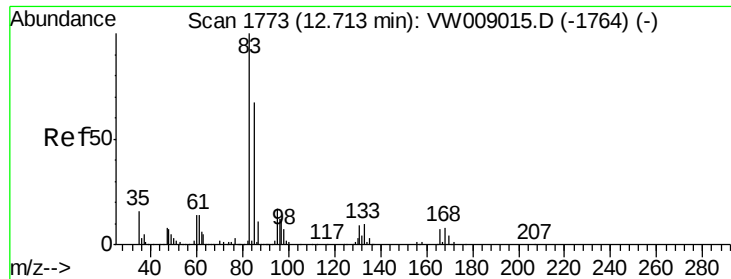
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 46.053 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW009018.D

Acq: 06 Mar 2019 15:30

Instrument :

MSVOA_W

ClientSampleId :

ICVW030619

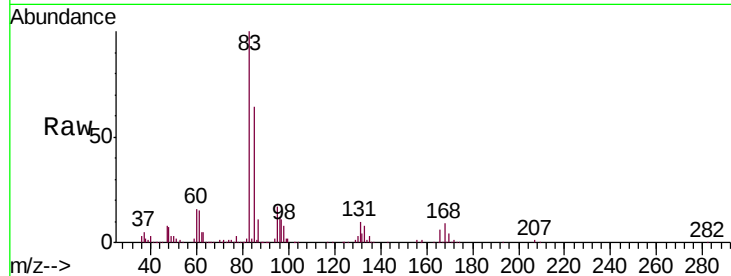
Tgt Ion: 83 Resp: 117582

Ion Ratio Lower Upper

83 100

131 11.2 5.5 16.7

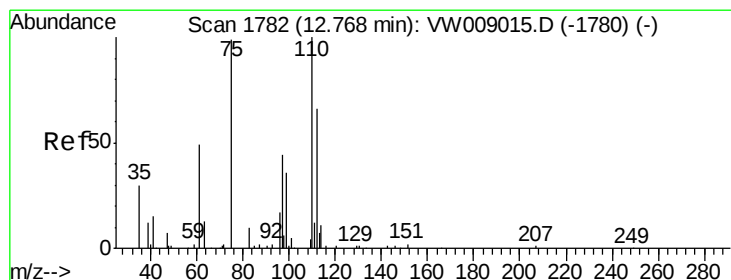
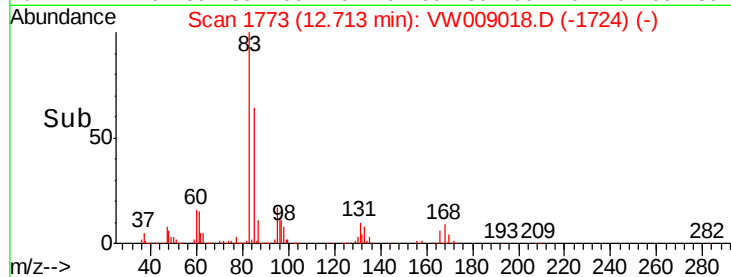
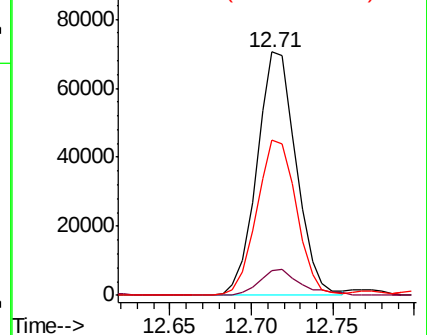
85 64.5 32.8 98.3



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 91.760 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW009018.D

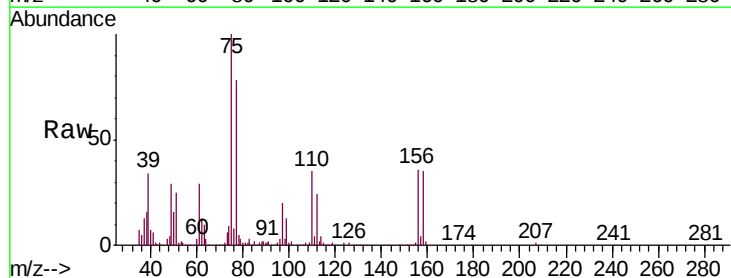
Acq: 06 Mar 2019 15:30

Tgt Ion: 75 Resp: 173918

Ion Ratio Lower Upper

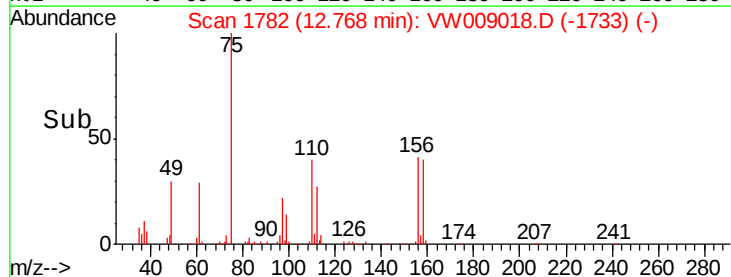
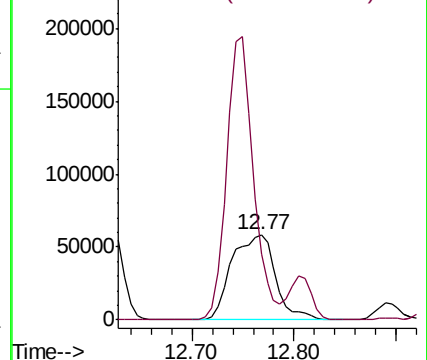
75 100

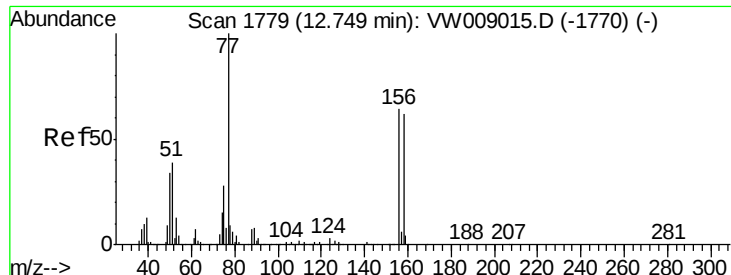
77 204.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

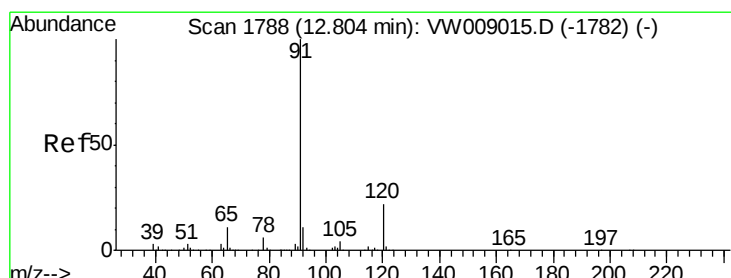
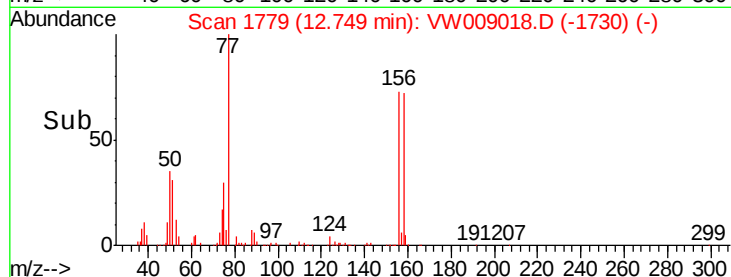
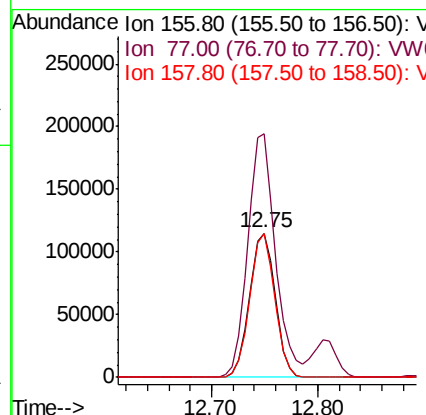
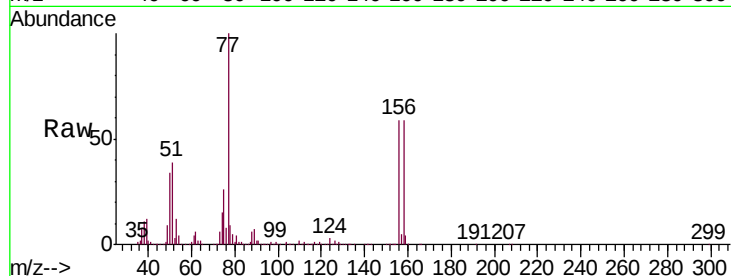




#77
Bromobenzene
Concen: 52.730 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. 0.00 min
Lab File: VW009018.D
Acq: 06 Mar 2019 15:30

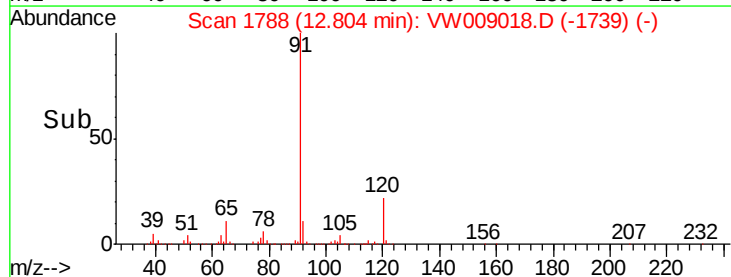
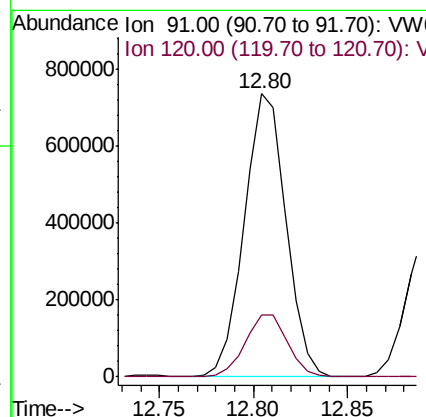
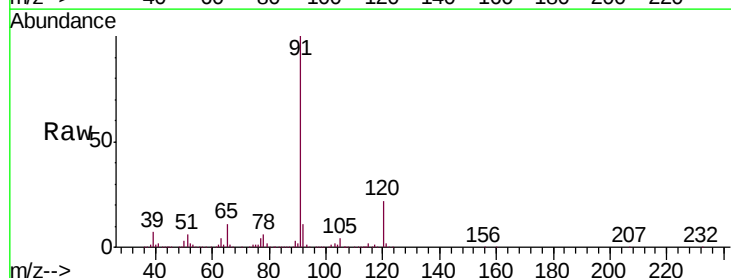
Instrument :
MSVOA_W
ClientSampleId :
ICVW030619

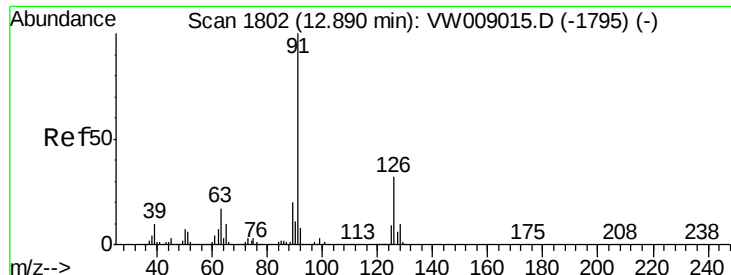
Tgt Ion:156 Resp: 195400
Ion Ratio Lower Upper
156 100
77 181.6 91.6 274.9
158 96.6 48.8 146.4



#78
n-propylbenzene
Concen: 56.071 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. 0.00 min
Lab File: VW009018.D
Acq: 06 Mar 2019 15:30

Tgt Ion: 91 Resp: 1126795
Ion Ratio Lower Upper
91 100
120 22.4 11.3 33.9

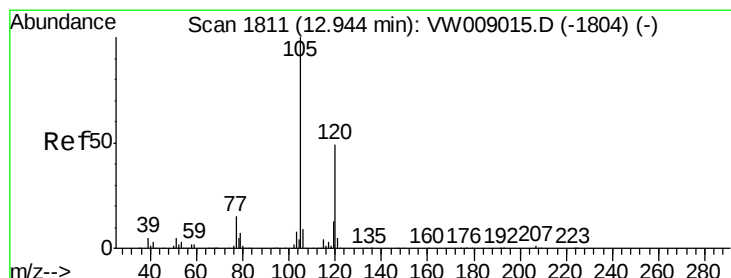
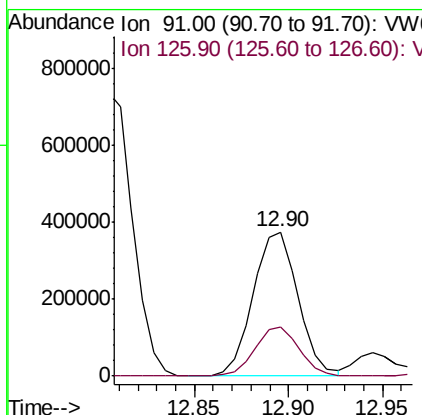
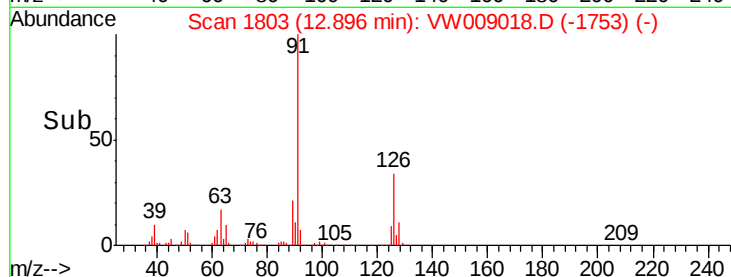
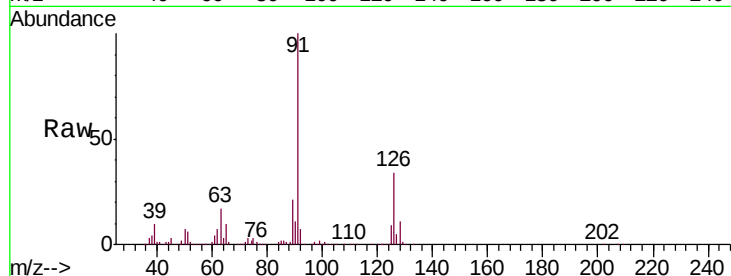




#79
2-Chlorotoluene
Concen: 54.339 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. 0.01 min
Lab File: VW009018.D
Acq: 06 Mar 2019 15:30

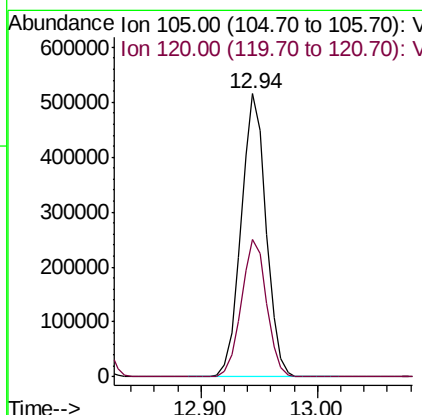
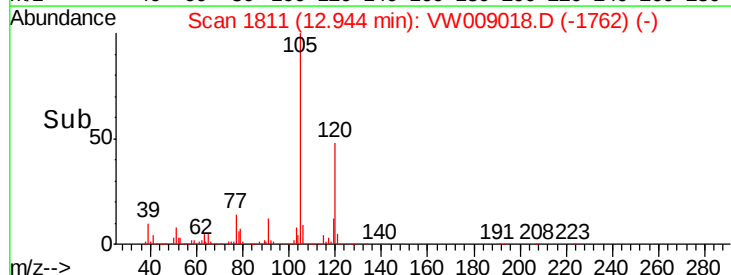
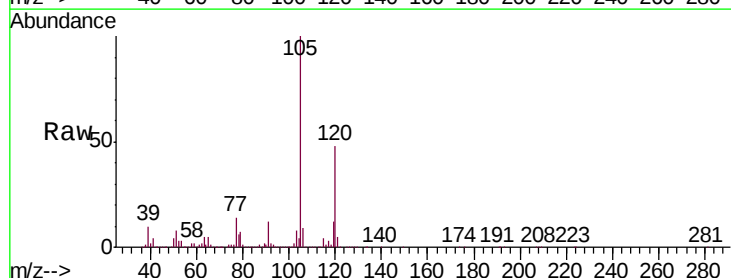
Instrument :
MSVOA_W
ClientSampleId :
ICVW030619

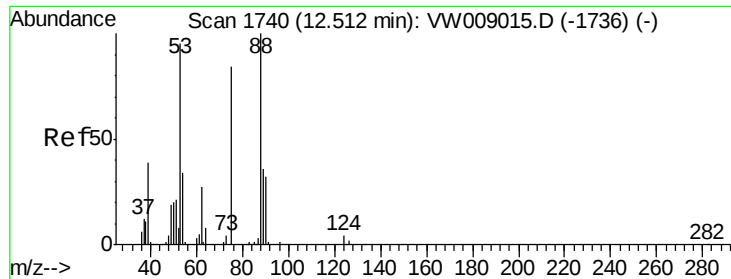
Tgt Ion: 91 Resp: 616576
Ion Ratio Lower Upper
91 100
126 33.6 16.8 50.4



#80
1,3,5-Trimethylbenzene
Concen: 54.723 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VW009018.D
Acq: 06 Mar 2019 15:30

Tgt Ion: 105 Resp: 768748
Ion Ratio Lower Upper
105 100
120 49.2 24.6 73.8





#81

trans-1,4-Dichloro-2-butene

Concen: 45.380 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW009018.D

Acq: 06 Mar 2019 15:30

Instrument :

MSVOA_W

ClientSampleId :

ICVW030619

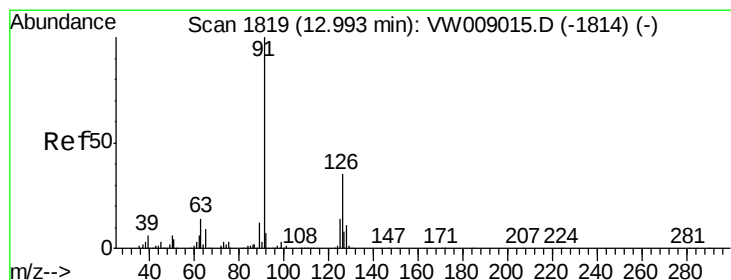
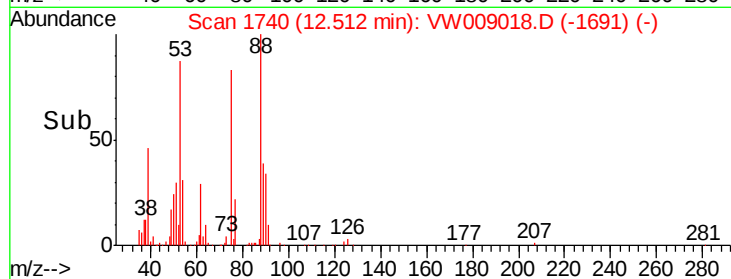
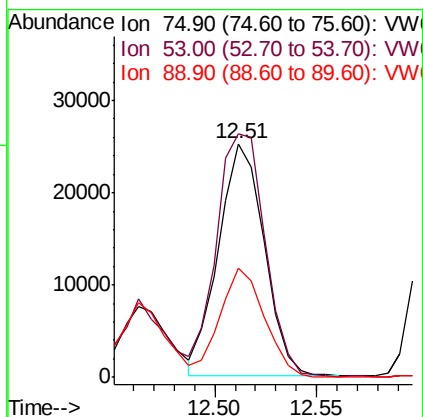
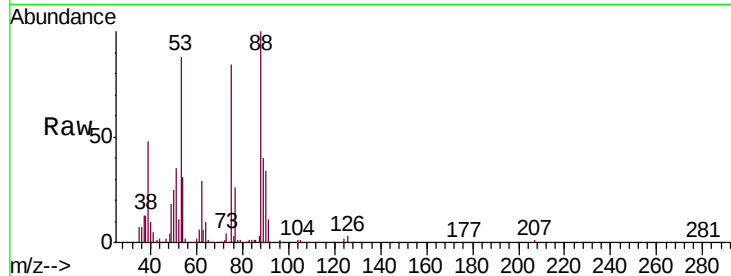
Tgt Ion: 75 Resp: 39295

Ion Ratio Lower Upper

75 100

53 110.9 88.5 132.7

89 46.2 36.3 54.5



#82

4-Chlorotoluene

Concen: 54.192 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.01 min

Lab File: VW009018.D

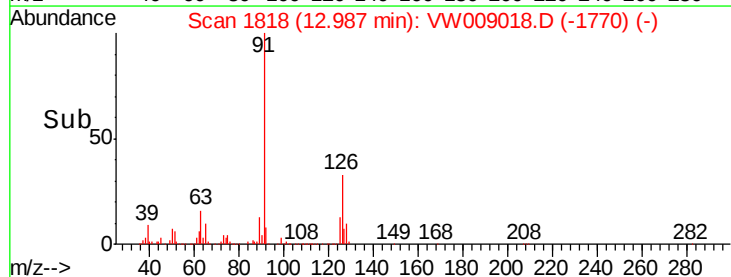
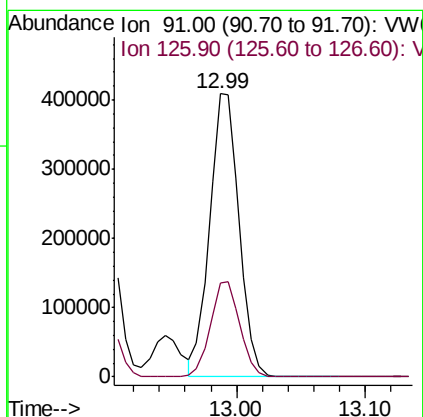
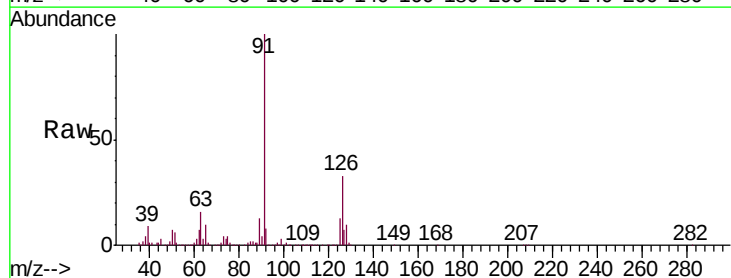
Acq: 06 Mar 2019 15:30

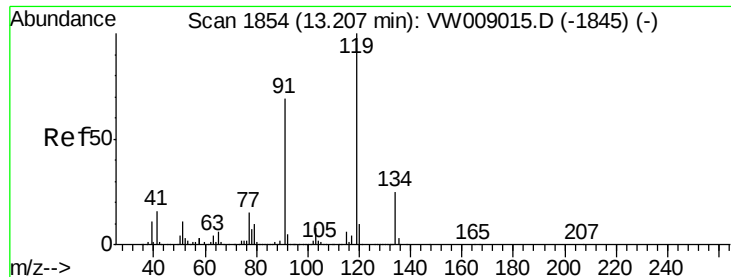
Tgt Ion: 91 Resp: 654075

Ion Ratio Lower Upper

91 100

126 33.6 16.9 50.6

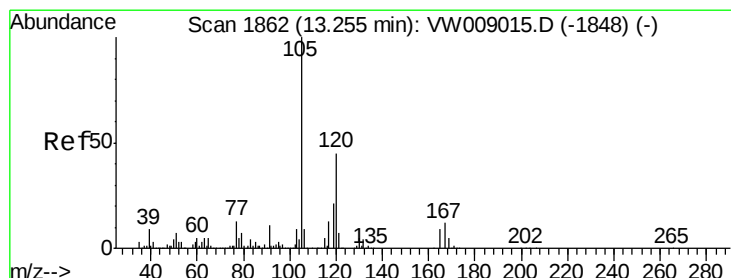
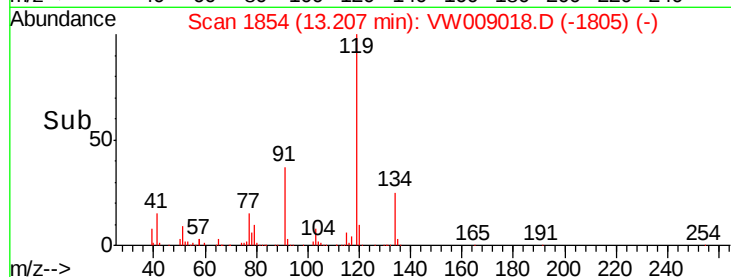
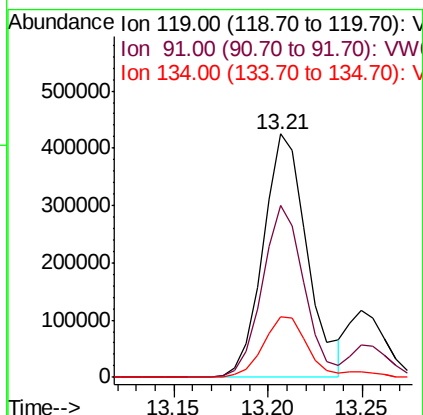
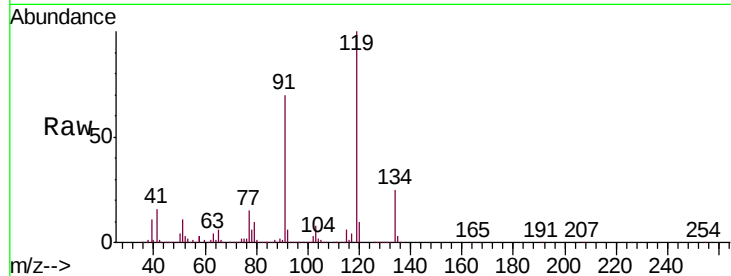




#83
tert-Butylbenzene
Concen: 57.009 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW009018.D
Acq: 06 Mar 2019 15:30

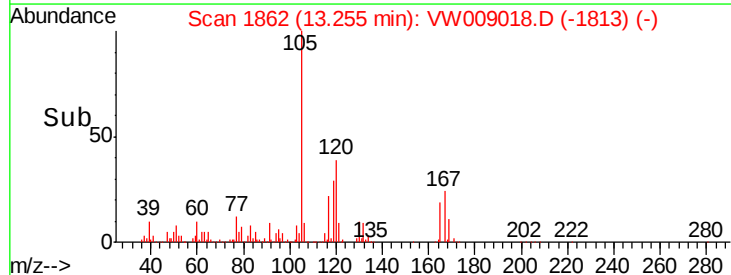
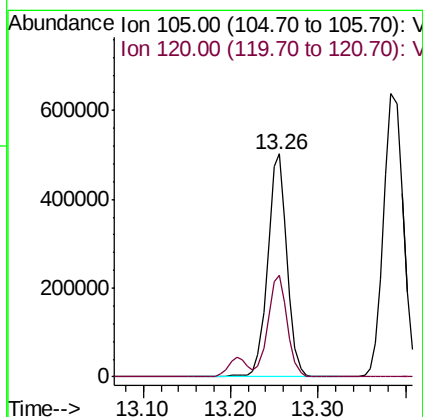
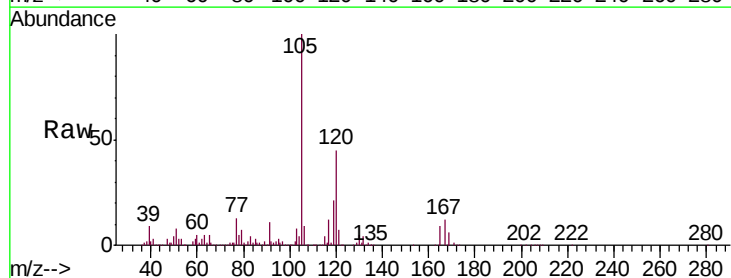
Instrument :
MSVOA_W
ClientSampleId :
ICVW030619

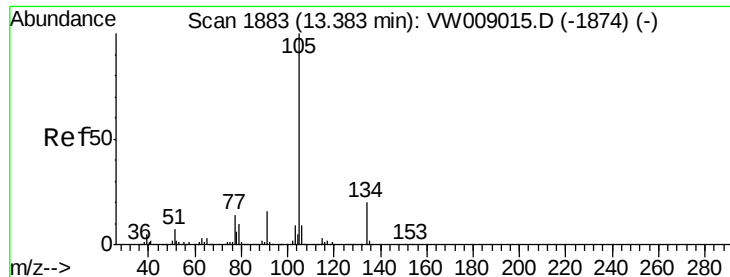
Tgt Ion:119 Resp: 690059
Ion Ratio Lower Upper
119 100
91 66.9 34.3 102.9
134 26.4 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 54.095 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW009018.D
Acq: 06 Mar 2019 15:30

Tgt Ion:105 Resp: 777967
Ion Ratio Lower Upper
105 100
120 45.6 22.6 67.7

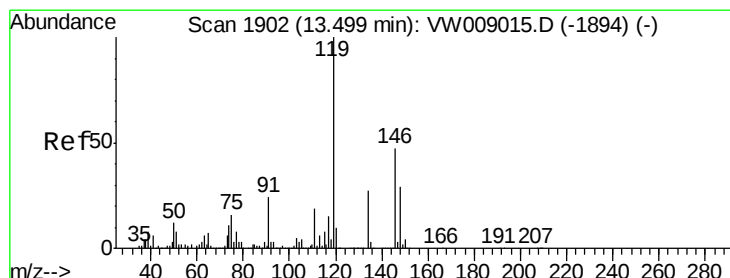
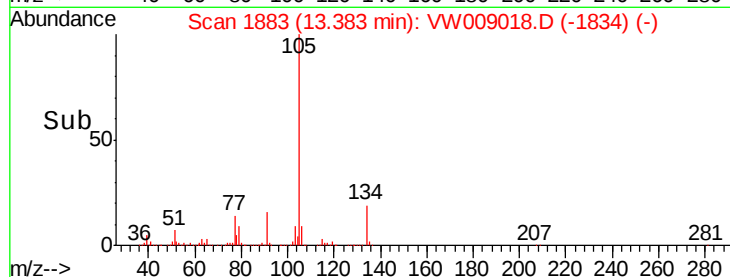
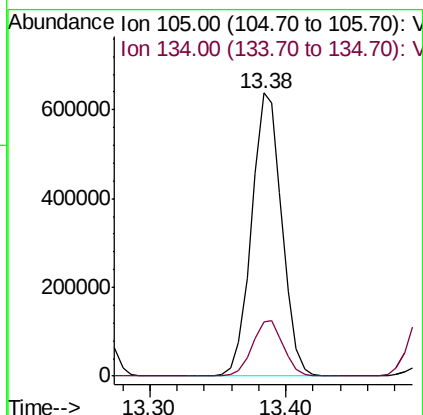
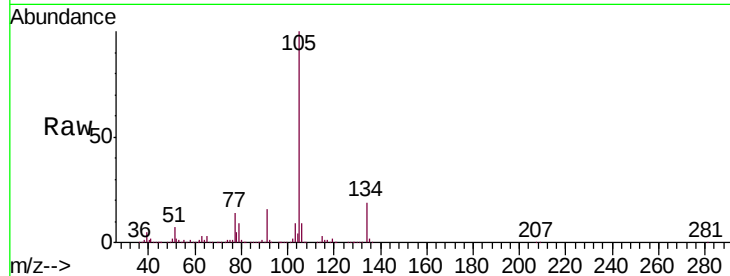




#85
 sec-Butylbenzene
 Concen: 56.170 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW009018.D
 Acq: 06 Mar 2019 15:30

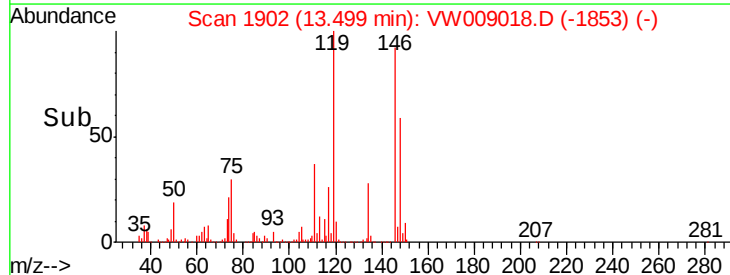
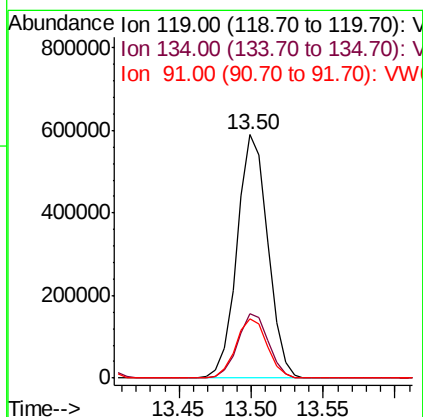
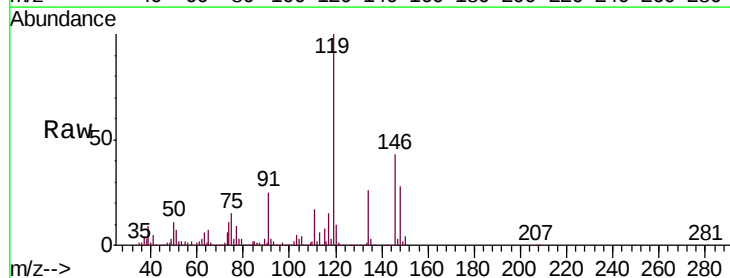
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW030619

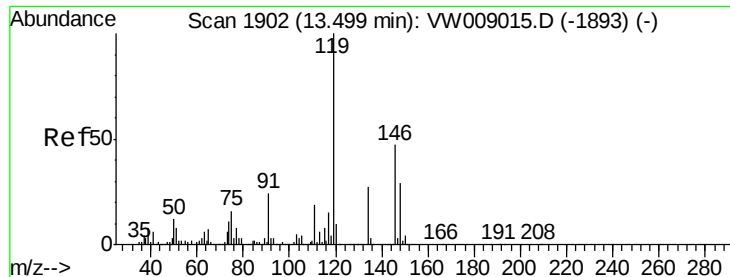
Tgt Ion:105 Resp: 991827
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 55.078 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW009018.D
 Acq: 06 Mar 2019 15:30

Tgt Ion:119 Resp: 875370
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.0 38.9
 91 24.8 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 52.152 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW009018.D

Acq: 06 Mar 2019 15:30

Instrument :

MSVOA_W

ClientSampleId :

ICVW030619

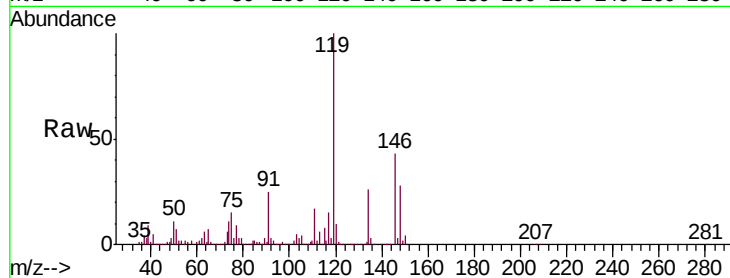
Tgt Ion:146 Resp: 413729

Ion Ratio Lower Upper

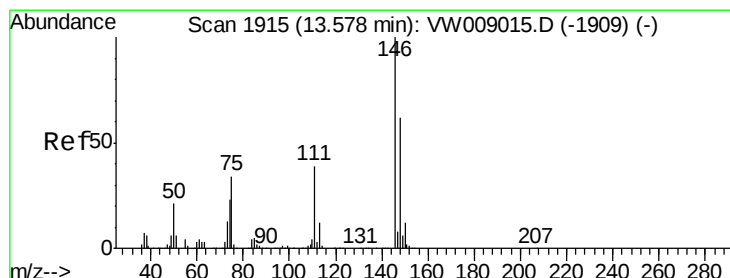
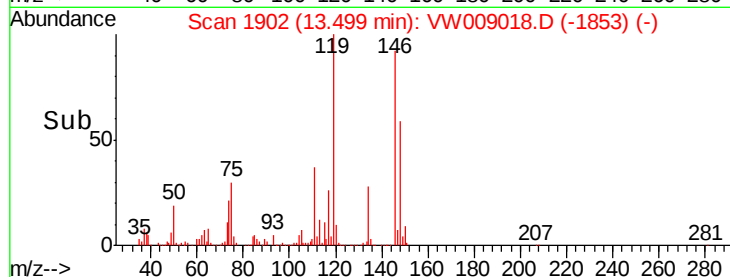
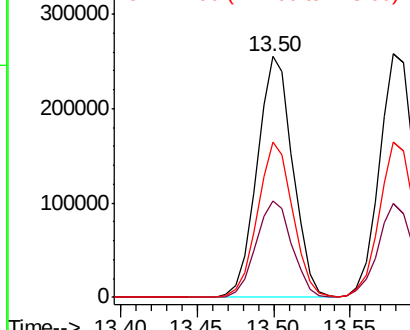
146 100

111 40.2 19.6 58.7

148 63.6 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 52.029 ug/l

RT: 13.58 min Scan# 1915

Delta R.T. 0.00 min

Lab File: VW009018.D

Acq: 06 Mar 2019 15:30

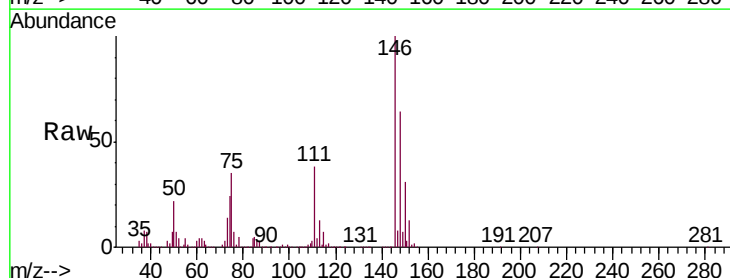
Tgt Ion:146 Resp: 409371

Ion Ratio Lower Upper

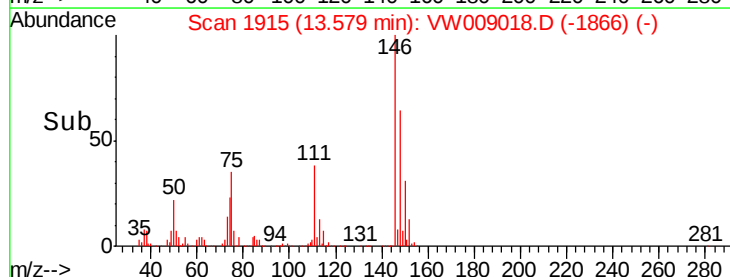
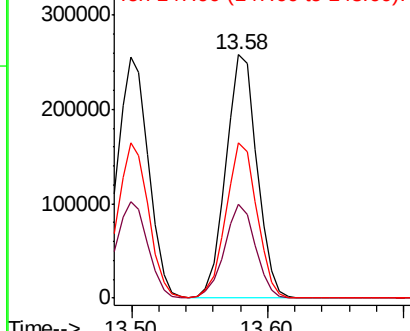
146 100

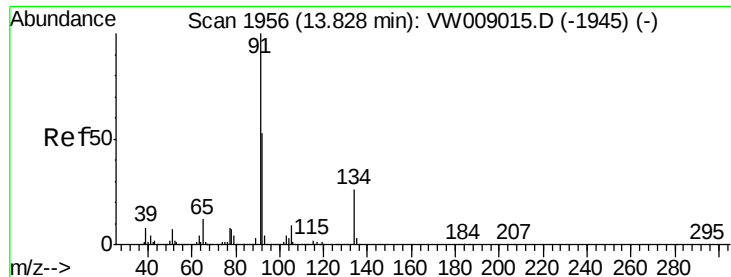
111 38.4 19.9 59.7

148 63.8 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 56.338 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW009018.D

Acq: 06 Mar 2019 15:30

Instrument :

MSVOA_W

ClientSampleId :

ICVW030619

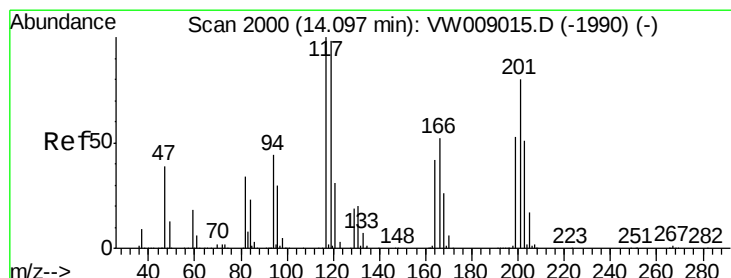
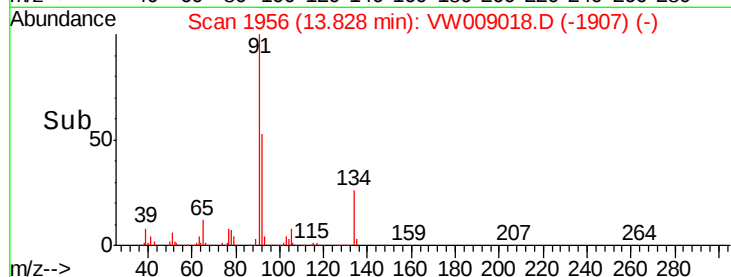
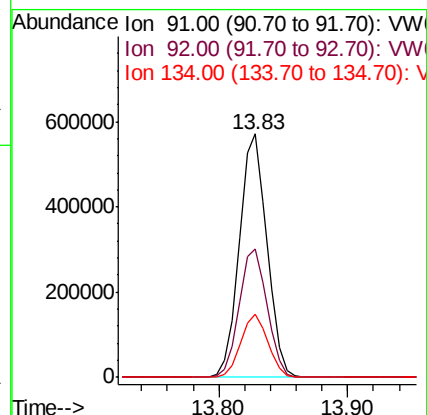
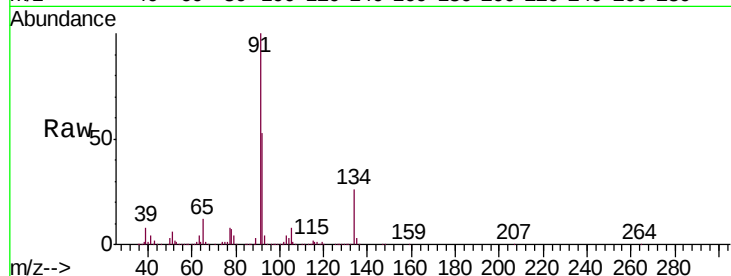
Tgt Ion: 91 Resp: 847704

Ion Ratio Lower Upper

91 100

92 53.6 26.7 80.0

134 25.5 13.0 39.0



#90

Hexachloroethane

Concen: 54.898 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW009018.D

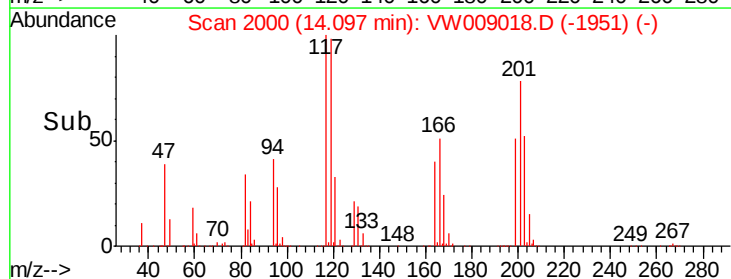
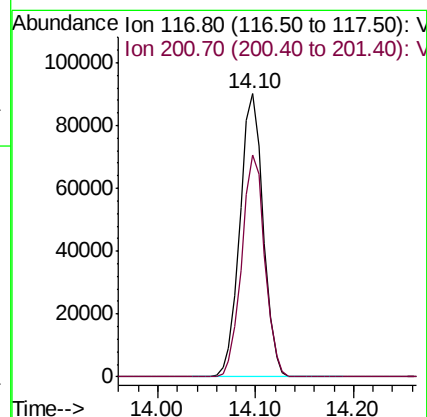
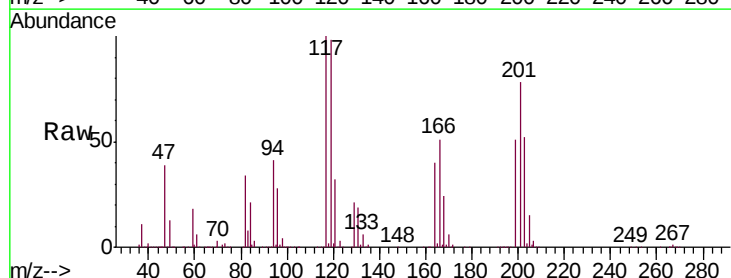
Acq: 06 Mar 2019 15:30

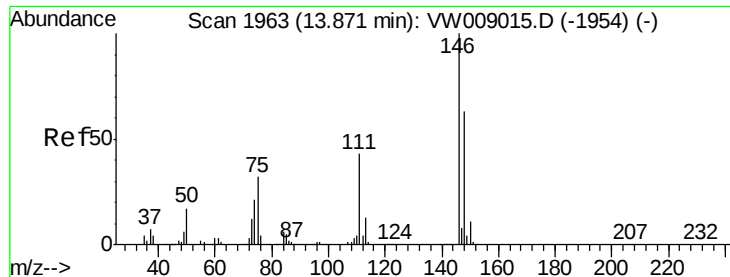
Tgt Ion: 117 Resp: 149475

Ion Ratio Lower Upper

117 100

201 77.2 38.9 116.6





#91

1,2-Dichlorobenzene

Concen: 51.241 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW009018.D

Acq: 06 Mar 2019 15:30

Instrument :

MSVOA_W

ClientSampleId :

ICVW030619

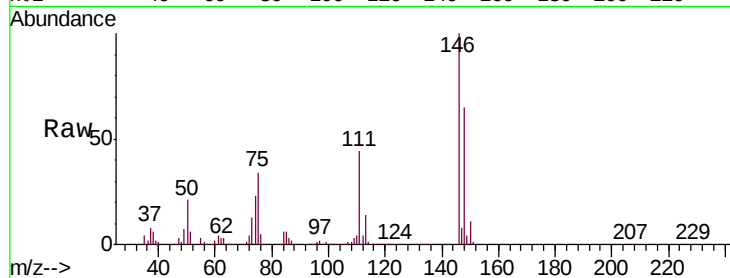
Tgt Ion: 146 Resp: 355660

Ion Ratio Lower Upper

146 100

111 42.4 20.8 62.4

148 63.9 31.8 95.3

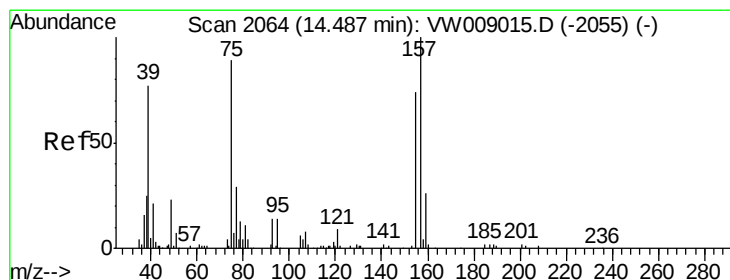
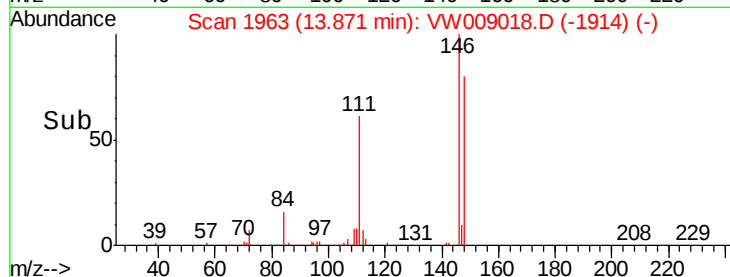
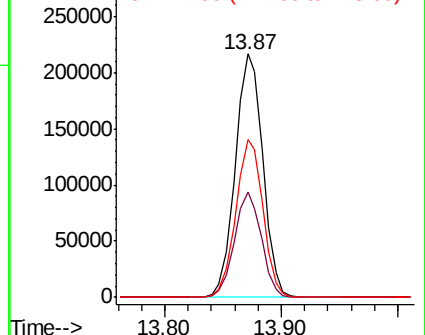


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.935 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VW009018.D

Acq: 06 Mar 2019 15:30

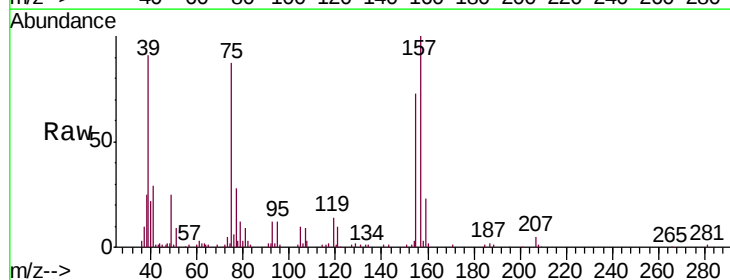
Tgt Ion: 75 Resp: 21436

Ion Ratio Lower Upper

75 100

155 82.9 41.4 124.4

157 104.4 53.1 159.4

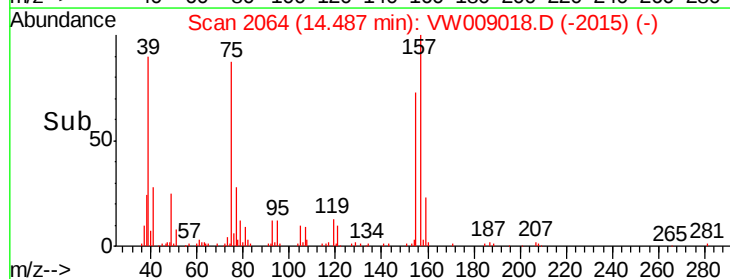
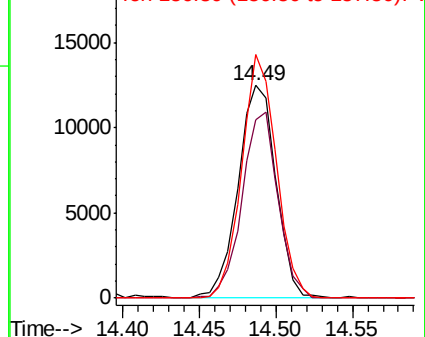


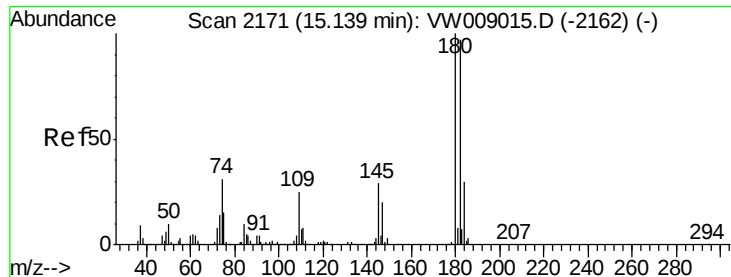
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

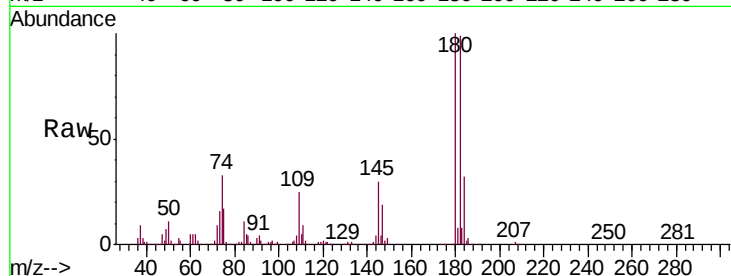




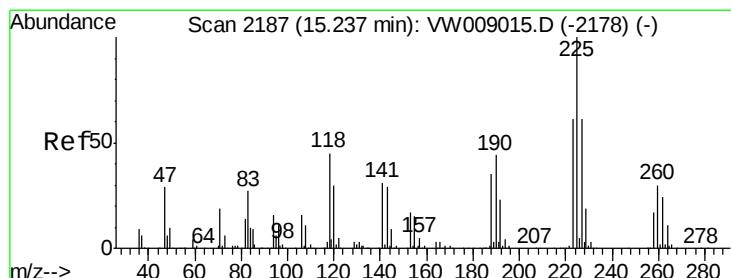
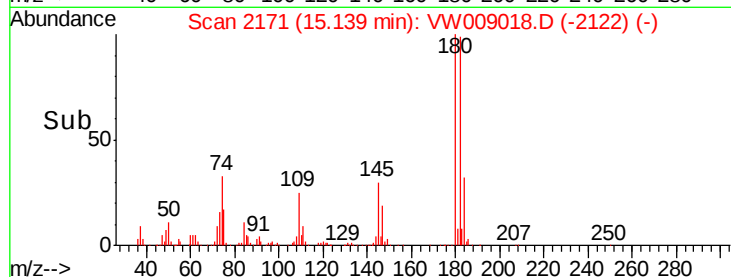
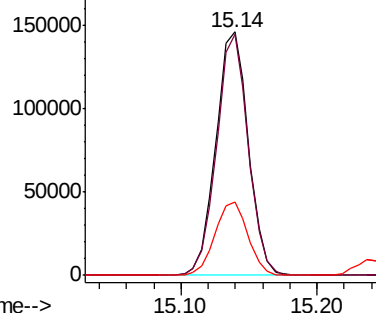
#93
 1,2,4-Trichlorobenzene
 Concen: 51.384 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW009018.D
 Acq: 06 Mar 2019 15:30

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW030619

Tgt Ion:180 Resp: 244220
 Ion Ratio Lower Upper
 180 100
 182 96.1 47.6 142.9
 145 30.3 14.7 44.1

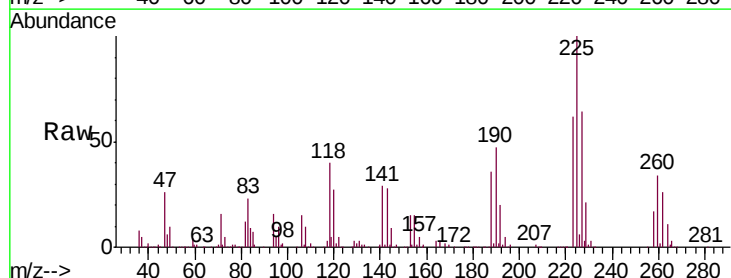


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

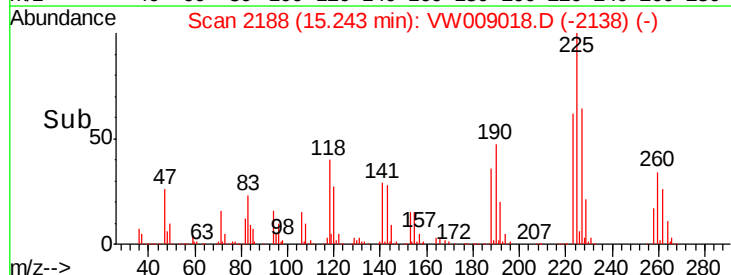
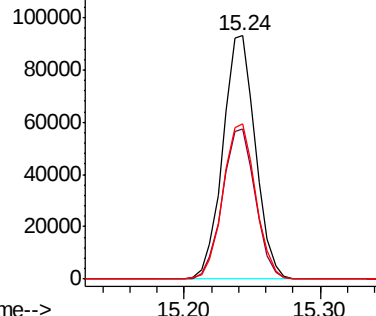


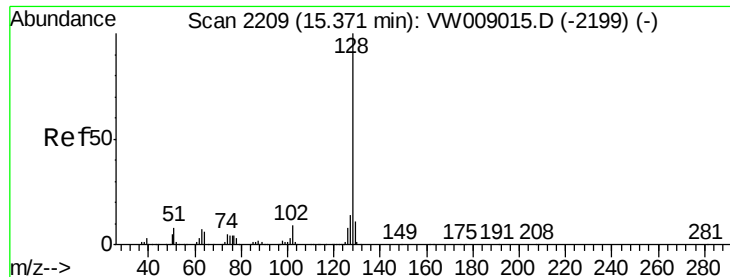
#94
 Hexachlorobutadiene
 Concen: 51.811 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.01 min
 Lab File: VW009018.D
 Acq: 06 Mar 2019 15:30

Tgt Ion:225 Resp: 156523
 Ion Ratio Lower Upper
 225 100
 223 62.0 30.6 91.8
 227 64.1 31.2 93.6



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

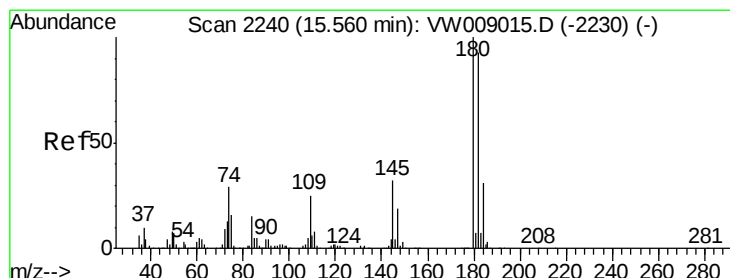
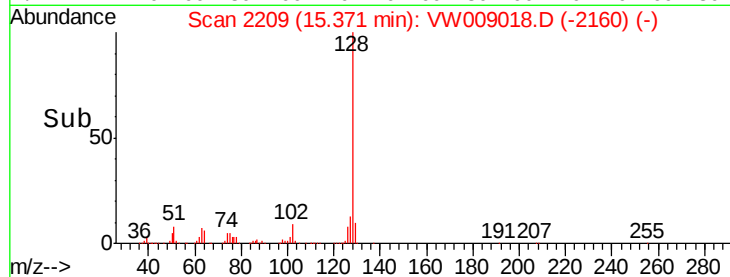
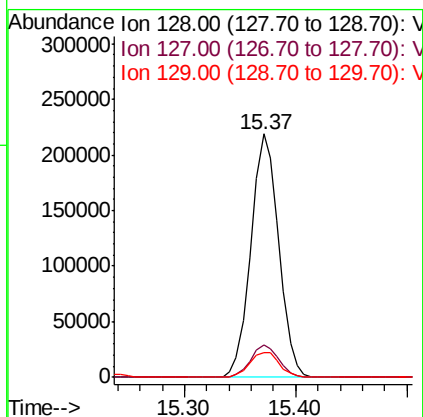
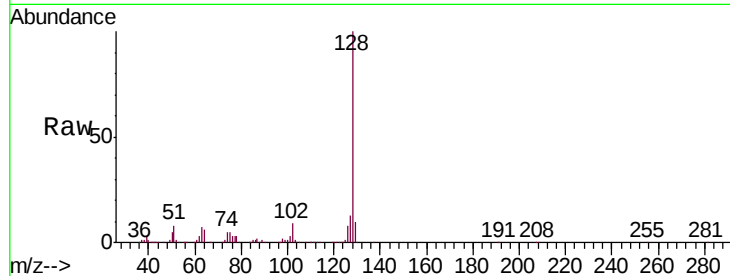




#95
Naphthalene
Concen: 49.543 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW009018.D
Acq: 06 Mar 2019 15:30

Instrument :
MSVOA_W
ClientSampleId :
ICVW030619

Tgt Ion:128 Resp: 381785
Ion Ratio Lower Upper
128 100
127 13.5 11.0 16.4
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 49.894 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW009018.D
Acq: 06 Mar 2019 15:30

Tgt Ion:180 Resp: 205313
Ion Ratio Lower Upper
180 100
182 95.9 47.3 141.8
145 31.7 15.4 46.2

