

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW051518\
 Data File : VW002531.D
 Acq On : 15 May 2018 00:11
 Operator : JC/SY
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW051518

Quant Time: May 15 07:29:30 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W051518S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 03:32:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	243524	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	371038	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	338771	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	186047	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	135322	53.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.54%	
35) Dibromofluoromethane	7.88	113	123386	52.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.84%	
50) Toluene-d8	10.33	98	478569	53.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.88%	
62) 4-Bromofluorobenzene	12.63	95	174569	53.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	45253	48.16	ug/l	97
3) Chloromethane	2.21	50	97683	54.34	ug/l	97
4) Vinyl Chloride	2.36	62	153445	54.44	ug/l	96
5) Bromomethane	2.77	94	111953	48.44	ug/l	93
6) Chloroethane	2.92	64	98124	50.58	ug/l	100
7) Trichlorofluoromethane	3.25	101	65906	53.06	ug/l	95
8) Diethyl Ether	3.67	74	70048	47.13	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.05	101	102645	49.88	ug/l	99
10) Methyl Iodide	4.26	142	163644	49.90	ug/l	100
11) Tert butyl alcohol	5.18	59	53353	275.81	ug/l	100
12) 1,1-Dichloroethene	4.03	96	100041	49.12	ug/l	99
13) Acrolein	3.89	56	48662	255.35	ug/l	94
14) Allyl chloride	4.65	41	154391	51.08	ug/l	98
15) Acrylonitrile	5.37	53	141183	263.41	ug/l	99
16) Acetone	4.12	43	133694	251.65	ug/l	97
17) Carbon Disulfide	4.37	76	271018	48.36	ug/l	96
18) Methyl Acetate	4.67	43	81396	52.56	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	197597	52.80	ug/l	99
20) Methylene Chloride	4.91	84	108866	51.59	ug/l	99
21) trans-1,2-Dichloroethene	5.41	96	108498	49.28	ug/l	98
22) Diisopropyl ether	6.31	45	348960	52.12	ug/l	99
23) Vinyl Acetate	6.25	43	1087905	268.10	ug/l	99
24) 1,1-Dichloroethane	6.21	63	201714	49.99	ug/l	98
25) 2-Butanone	7.17	43	197995	263.55	ug/l	98
26) 2,2-Dichloropropane	7.16	77	108540	48.00	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	125716	50.04	ug/l	100
28) Bromochloromethane	7.51	49	87927	48.81	ug/l	100
29) Tetrahydrofuran	7.53	42	125276	266.94	ug/l	99
30) Chloroform	7.67	83	214623	49.81	ug/l	96
31) Cyclohexane	7.95	56	166016	46.44	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	163680	50.36	ug/l	99
36) 1,1-Dichloropropene	8.08	75	158436	48.39	ug/l	99
37) Ethyl Acetate	7.26	43	85948	52.93	ug/l	99
38) Carbon Tetrachloride	8.07	117	158146	49.33	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	183029	48.80	ug/l	99
40) Benzene	8.32	78	463741	49.33	ug/l	99
41) Methacrylonitrile	7.49	41	54157	59.59	ug/l	89
42) 1,2-Dichloroethane	8.40	62	148053	49.59	ug/l	99
43) Isopropyl Acetate	8.43	43	165932	53.13	ug/l	99
44) Trichloroethene	9.09	130	126501	49.10	ug/l	97
45) 1,2-Dichloropropane	9.37	63	119450	49.86	ug/l	97
46) Dibromomethane	9.46	93	67795	49.73	ug/l	99
47) Bromodichloromethane	9.65	83	161900	50.92	ug/l	98
48) Methyl methacrylate	9.44	41	84550	55.87	ug/l	93
49) 1,4-Dioxane	9.45	88	22200	977.22	ug/l	98
51) 4-Methyl-2-Pentanone	10.22	43	458209	267.20	ug/l	100
52) Toluene	10.39	92	294514	49.55	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	164048	51.03	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	180988	50.51	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	95006	49.47	ug/l	97
56) Ethyl methacrylate	10.65	69	125459	53.61	ug/l	99
57) 1,3-Dichloropropane	10.94	76	161497	50.70	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	317916	276.70	ug/l	99
59) 2-Hexanone	10.98	43	318850	269.32	ug/l	100
60) Dibromochloromethane	11.13	129	116316	51.33	ug/l	100
61) 1,2-Dibromoethane	11.24	107	94290	50.87	ug/l	99
64) Tetrachloroethene	10.87	164	122579	51.33	ug/l	95
65) Chlorobenzene	11.66	112	339204	50.27	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	123410	51.09	ug/l	100
67) Ethyl Benzene	11.74	91	591331	51.57	ug/l	98
68) m/p-Xylenes	11.85	106	450558	101.06	ug/l	99
69) o-Xylene	12.18	106	216680	51.15	ug/l	100
70) Styrene	12.19	104	363062	51.49	ug/l	100
71) Bromoform	12.36	173	75374	53.11	ug/l #	100
73) Isopropylbenzene	12.48	105	591205	51.55	ug/l	99
74) N-amyl acetate	12.28	43	163495	55.96	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	121837	52.43	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	158978	90.40	ug/l #	100
77) Bromobenzene	12.76	156	148462	50.74	ug/l	99
78) n-propylbenzene	12.82	91	721494	52.09	ug/l	99
79) 2-Chlorotoluene	12.90	91	408522	51.94	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	509446	52.05	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	34742	53.86	ug/l	99
82) 4-Chlorotoluene	13.00	91	439760	51.71	ug/l	98
83) tert-Butylbenzene	13.22	119	442070	52.30	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	526233	51.80	ug/l	99
85) sec-Butylbenzene	13.40	105	629378	51.83	ug/l	100
86) p-Isopropyltoluene	13.51	119	571471	52.32	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	298754	50.48	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	295010	50.10	ug/l	99
89) n-Butylbenzene	13.84	91	538353	52.11	ug/l	100
90) Hexachloroethane	14.11	117	102118	52.20	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	272530	50.75	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.50	75	21921	53.47	ug/l	98

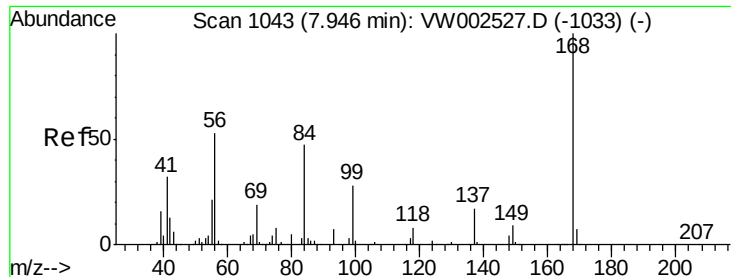
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QLast Update : Tue May 15 03:32:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	198670	50.82	ug/l	99
94) Hexachlorobutadiene	15.25	225	109783	50.47	ug/l	99
95) Naphthalene	15.38	128	390118	54.88	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	179270	51.25	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VW002531.D

Acq: 15 May 2018 00:11

Instrument :

MSVOA_W

ClientSampleId :

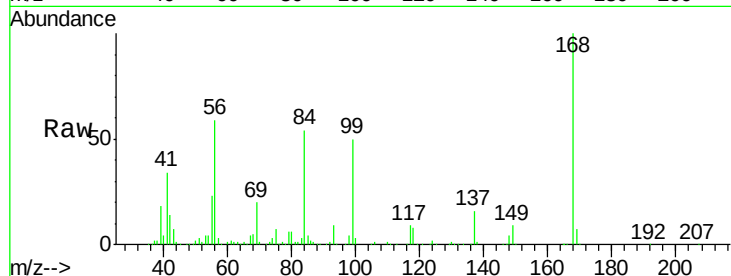
ICVW051518

Tgt Ion:168 Resp: 243524

Ion Ratio Lower Upper

168 100

99 50.0 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

60000

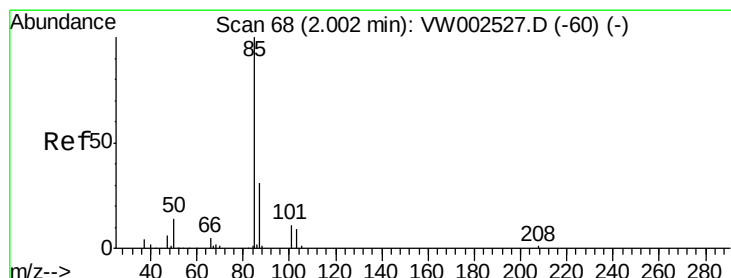
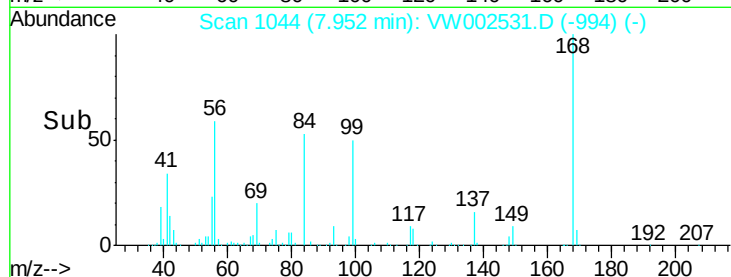
40000

20000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 48.16 ug/l

RT: 2.01 min Scan# 69

Delta R.T. 0.01 min

Lab File: VW002531.D

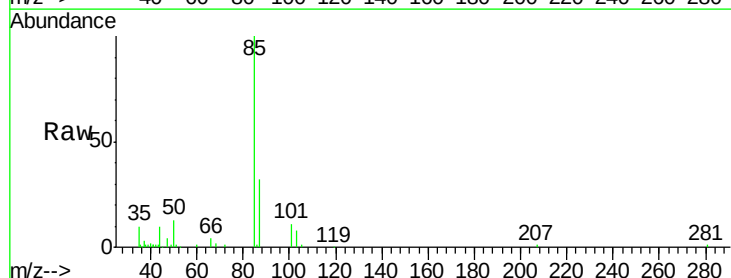
Acq: 15 May 2018 00:11

Tgt Ion: 85 Resp: 45253

Ion Ratio Lower Upper

85 100

87 32.3 15.4 46.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

15000

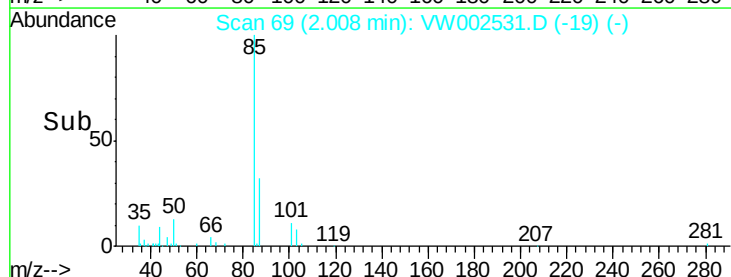
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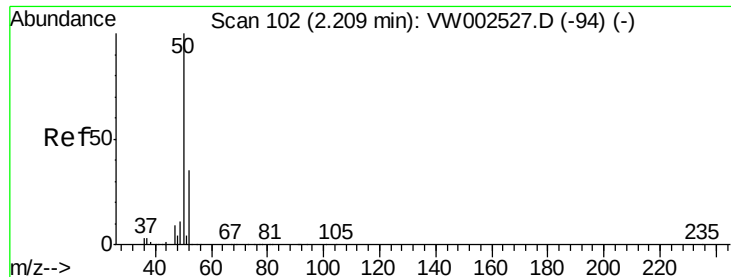
5000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 54.34 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW002531.D

Acq: 15 May 2018 00:11

Instrument :

MSVOA_W

ClientSampleId :

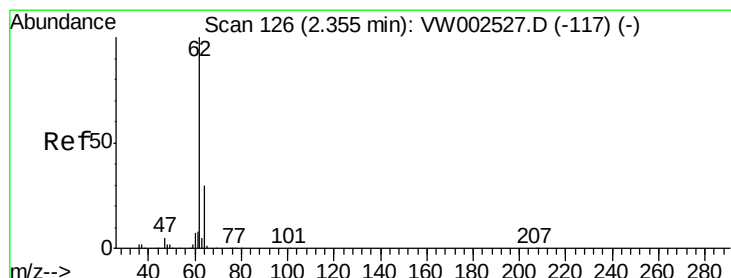
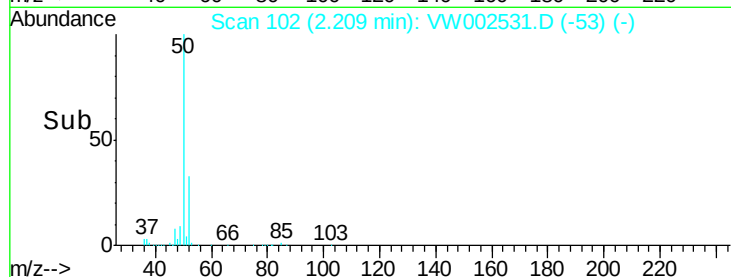
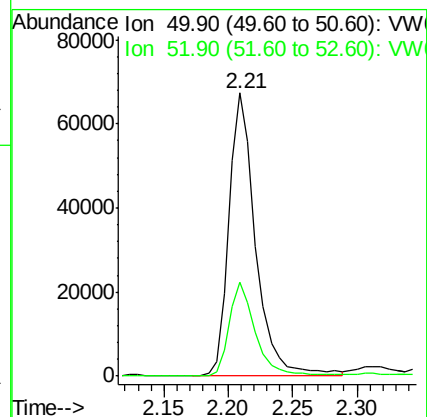
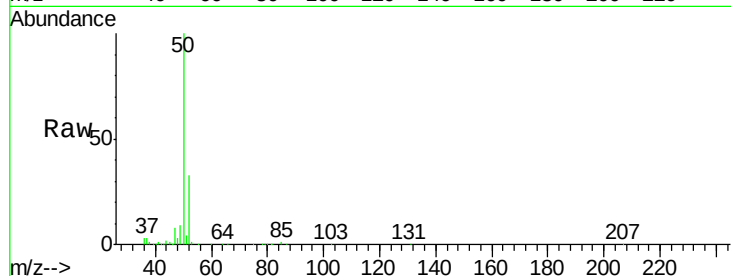
ICVW051518

Tgt Ion: 50 Resp: 97683

Ion Ratio Lower Upper

50 100

52 33.0 27.8 41.8



#4

Vinyl Chloride

Concen: 54.44 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW002531.D

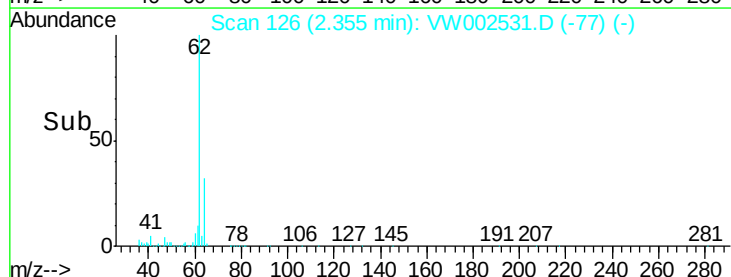
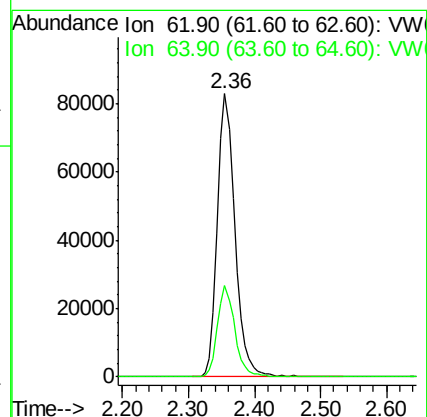
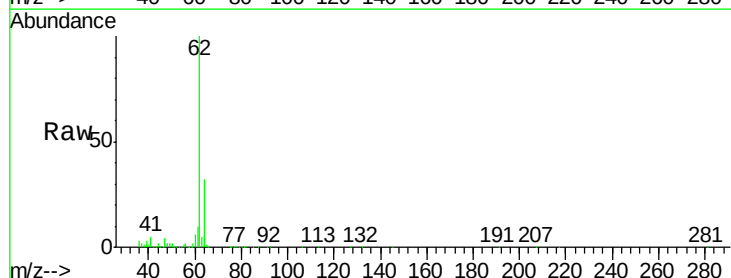
Acq: 15 May 2018 00:11

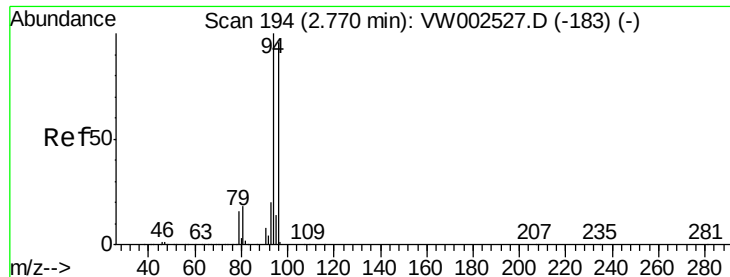
Tgt Ion: 62 Resp: 153445

Ion Ratio Lower Upper

62 100

64 32.1 24.0 36.0





#5

Bromomethane

Concen: 48.44 ug/l

RT: 2.77 min Scan# 194

Delta R.T. -0.00 min

Lab File: VW002531.D

Acq: 15 May 2018 00:11

Instrument :

MSVOA_W

ClientSampleId :

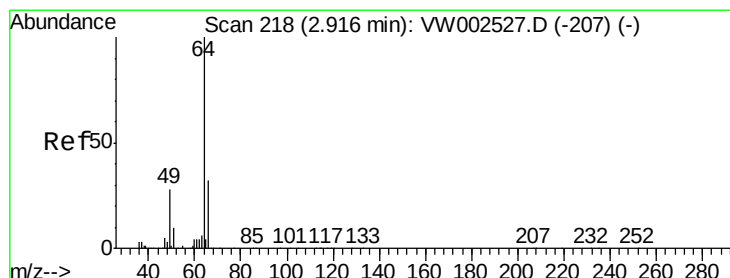
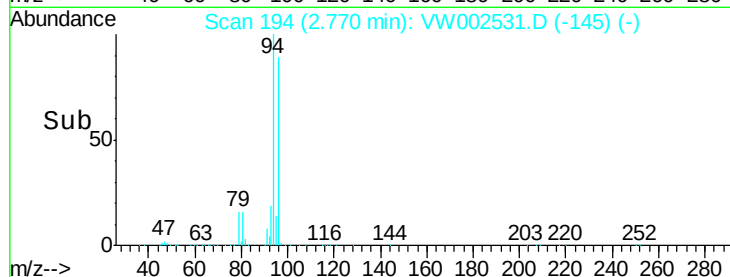
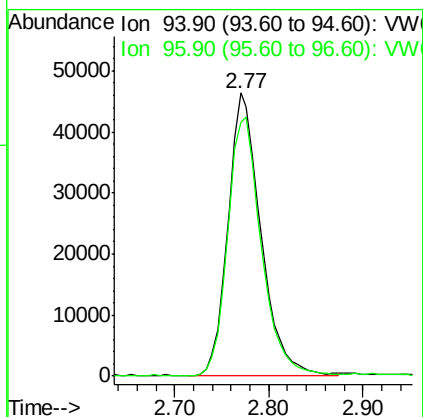
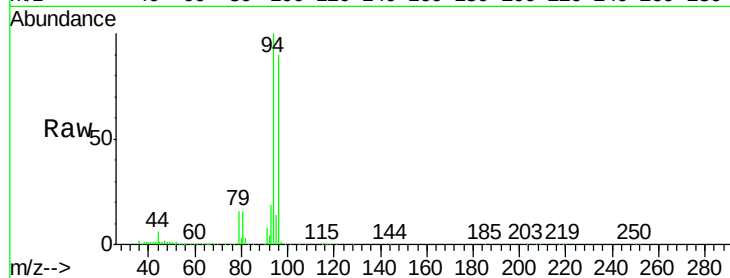
ICVW051518

Tgt Ion: 94 Resp: 111953

Ion Ratio Lower Upper

94 100

96 89.4 77.0 115.4



#6

Chloroethane

Concen: 50.58 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.01 min

Lab File: VW002531.D

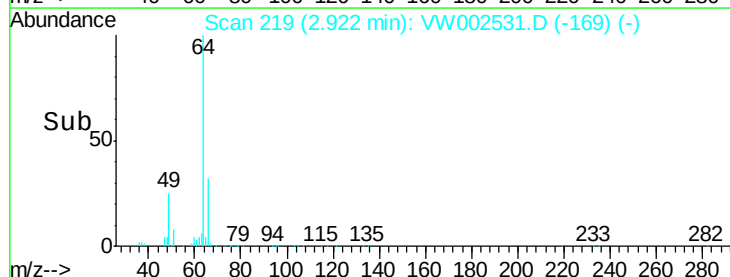
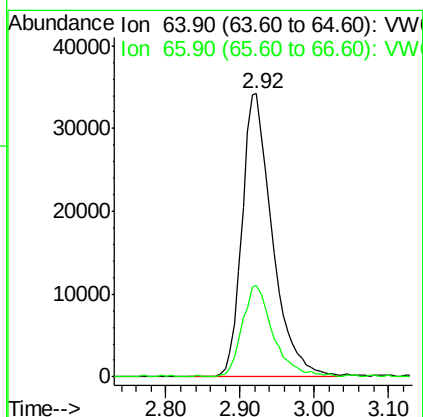
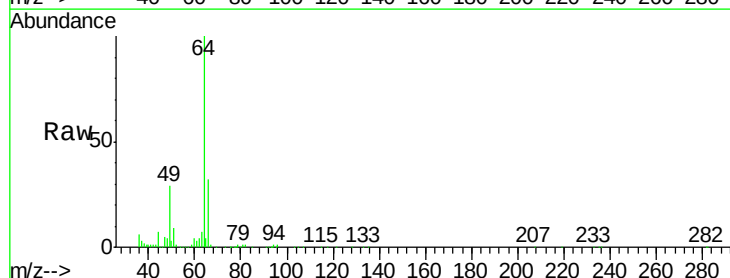
Acq: 15 May 2018 00:11

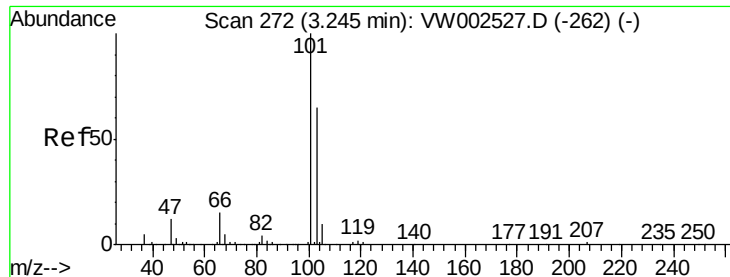
Tgt Ion: 64 Resp: 98124

Ion Ratio Lower Upper

64 100

66 32.0 25.8 38.8



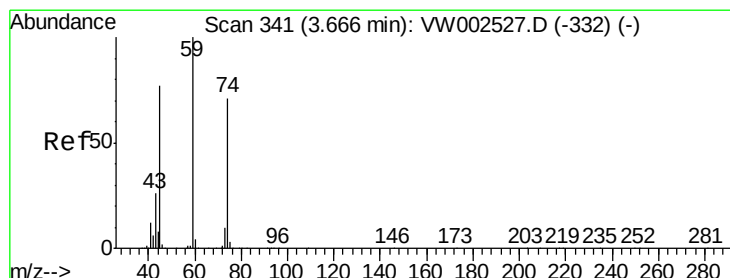
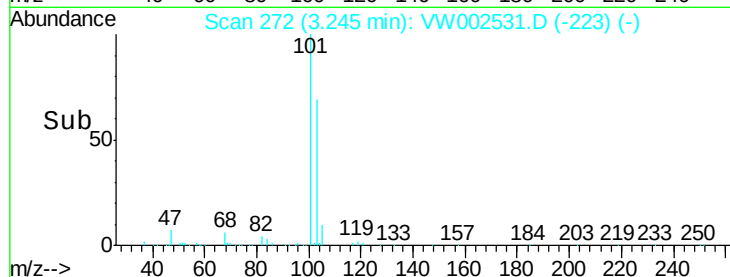
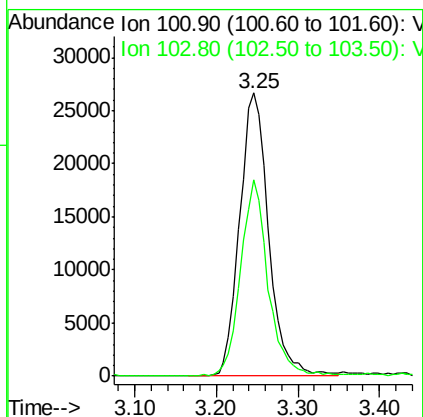
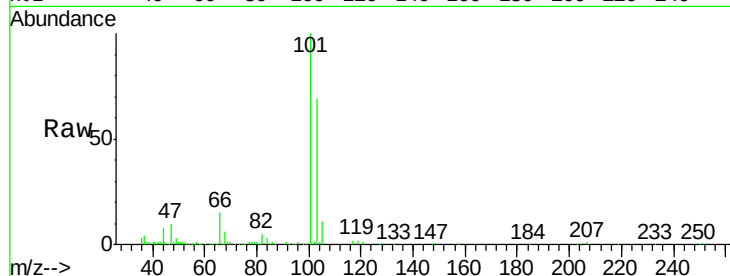


#7

Trichlorofluoromethane
 Concen: 53.06 ug/l
 RT: 3.25 min Scan# 272
 Delta R.T. 0.00 min
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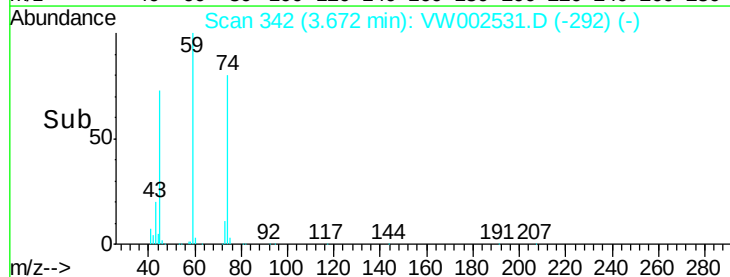
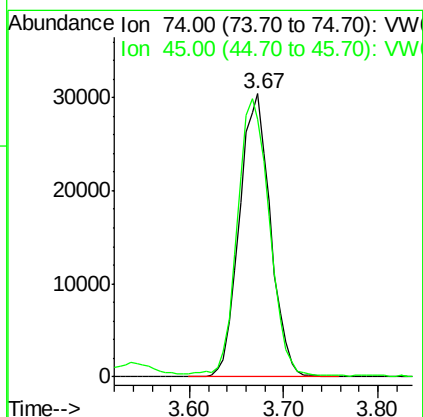
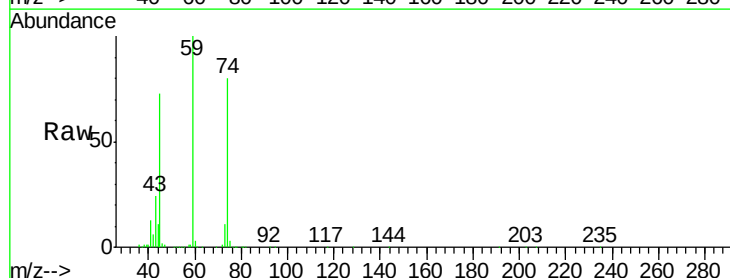
Tgt Ion:101 Resp: 65906
 Ion Ratio Lower Upper
 101 100
 103 68.9 51.8 77.8

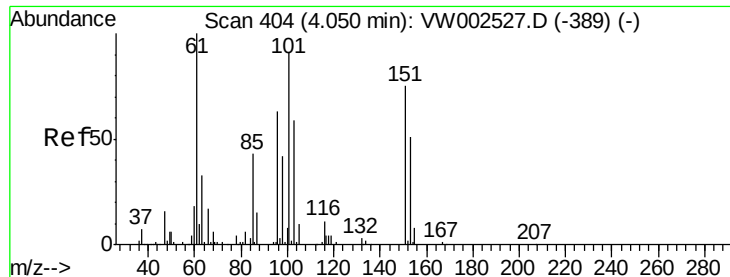


#8

Diethyl Ether
 Concen: 47.13 ug/l
 RT: 3.67 min Scan# 342
 Delta R.T. 0.01 min
 Lab File: VW002531.D
 Acq: 15 May 2018 00:11

Tgt Ion: 74 Resp: 70048
 Ion Ratio Lower Upper
 74 100
 45 101.1 52.3 156.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.88 ug/l

RT: 4.05 min Scan# 404

Delta R.T. 0.00 min

Lab File: VW002531.D

Acq: 15 May 2018 00:11

Instrument :

MSVOA_W

ClientSampleId :

ICVW051518

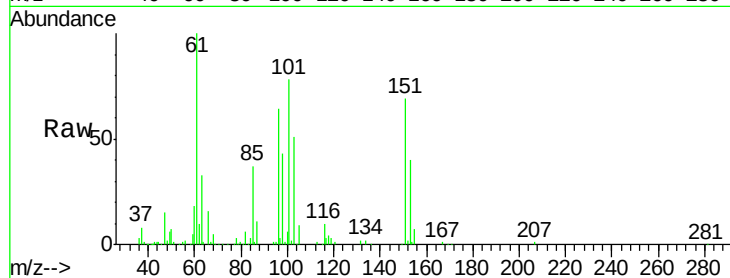
Tgt Ion:101 Resp: 102645

Ion Ratio Lower Upper

101 100

85 45.9 36.5 54.7

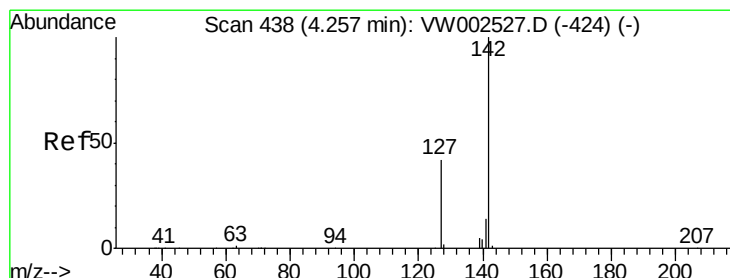
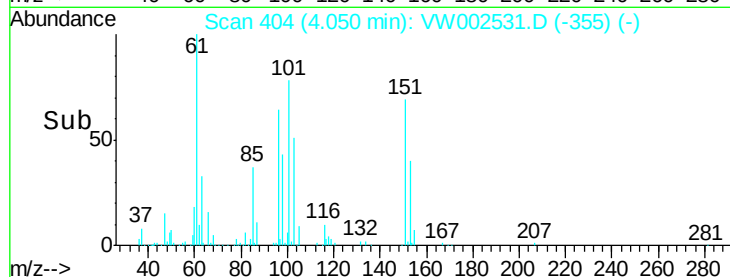
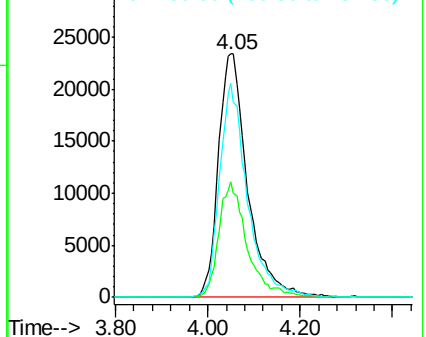
151 84.0 66.7 100.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 49.90 ug/l

RT: 4.26 min Scan# 439

Delta R.T. 0.01 min

Lab File: VW002531.D

Acq: 15 May 2018 00:11

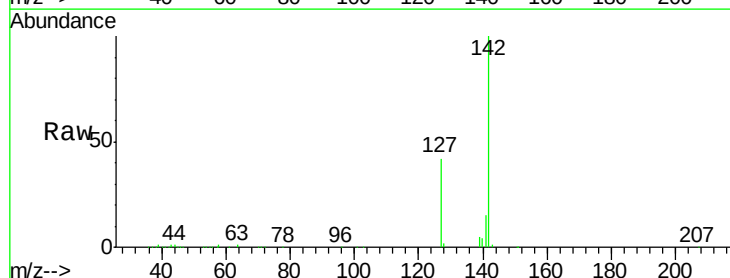
Tgt Ion:142 Resp: 163644

Ion Ratio Lower Upper

142 100

127 43.2 34.6 52.0

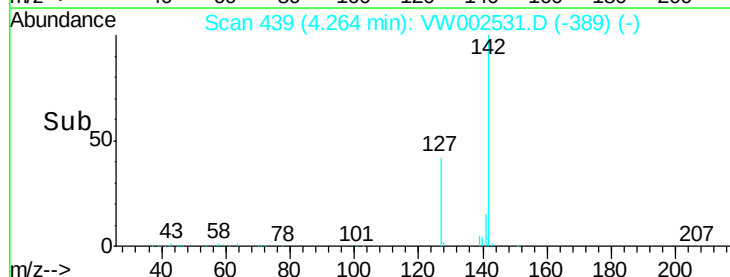
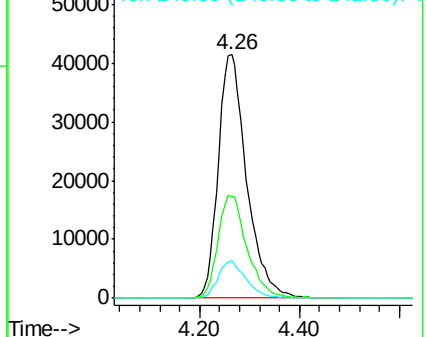
141 15.1 11.8 17.8

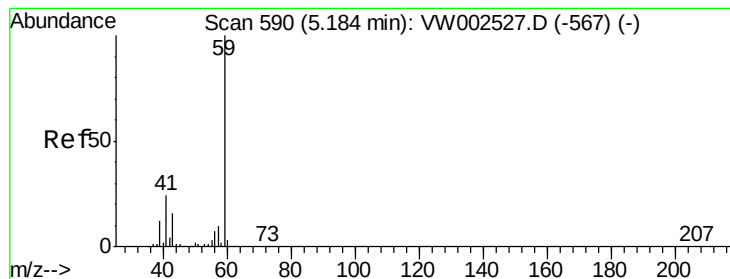


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 275.81 ug/l

RT: 5.18 min Scan# 590

Delta R.T. -0.00 min

Lab File: VW002531.D

Acq: 15 May 2018 00:11

Instrument :

MSVOA_W

ClientSampleId :

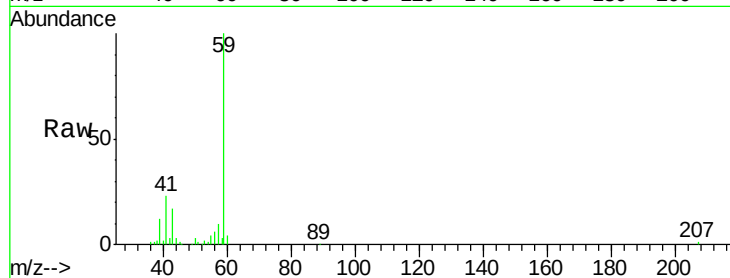
ICVW051518

Tgt Ion: 59 Resp: 53353

Ion Ratio Lower Upper

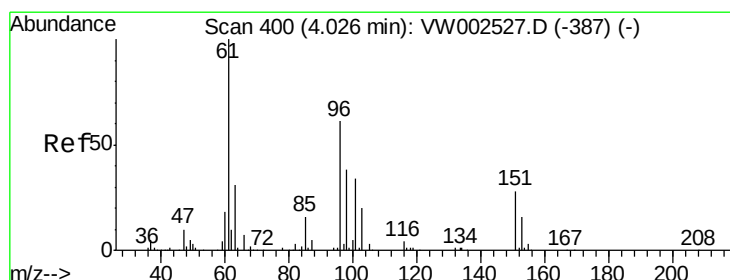
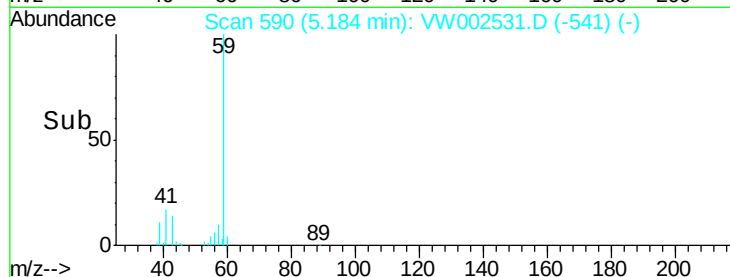
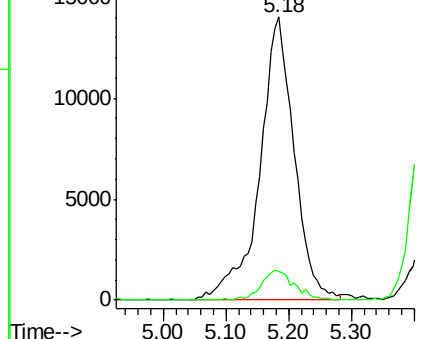
59 100

57 10.2 8.2 12.4



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW



#12

1,1-Dichloroethene

Concen: 49.12 ug/l

RT: 4.03 min Scan# 401

Delta R.T. 0.01 min

Lab File: VW002531.D

Acq: 15 May 2018 00:11

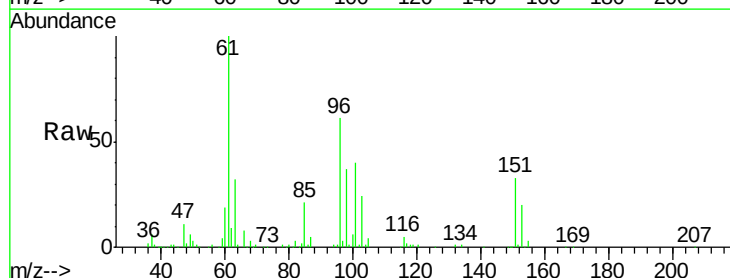
Tgt Ion: 96 Resp: 100041

Ion Ratio Lower Upper

96 100

61 165.2 132.2 198.2

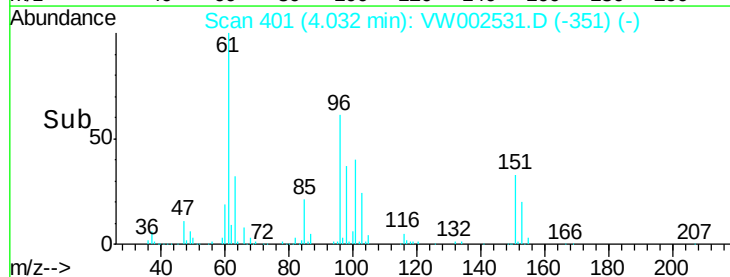
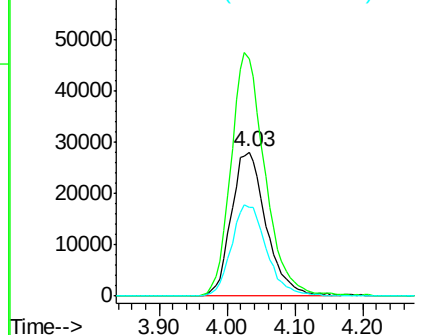
98 61.8 50.6 76.0

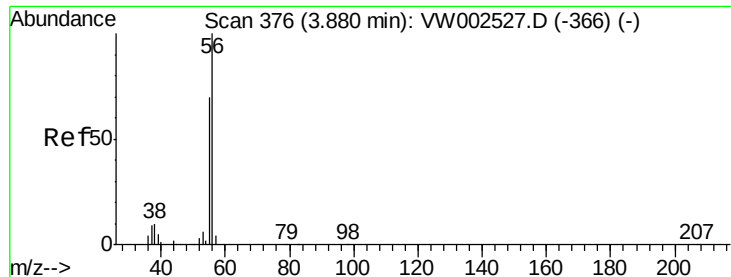


Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW





#13

Acrolein

Concen: 255.35 ug/l

RT: 3.89 min Scan# 377

Delta R.T. 0.01 min

Lab File: VW002531.D

Acq: 15 May 2018 00:11

Instrument :

MSVOA_W

ClientSampleId :

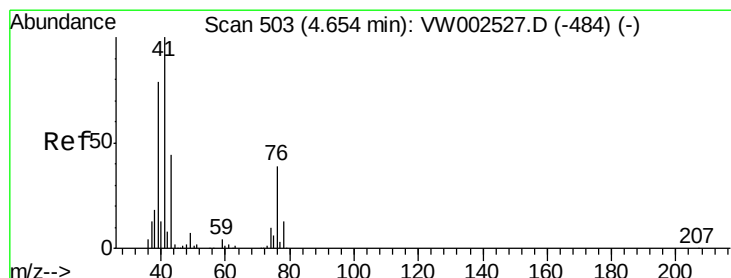
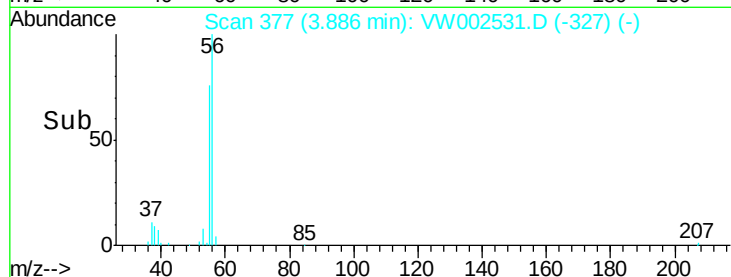
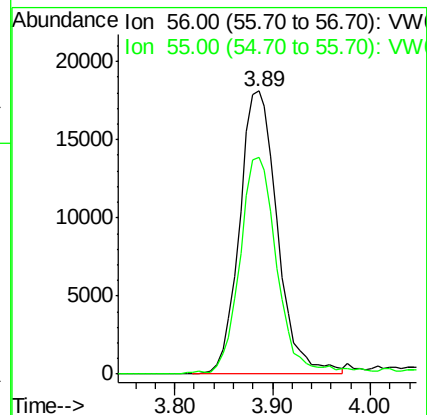
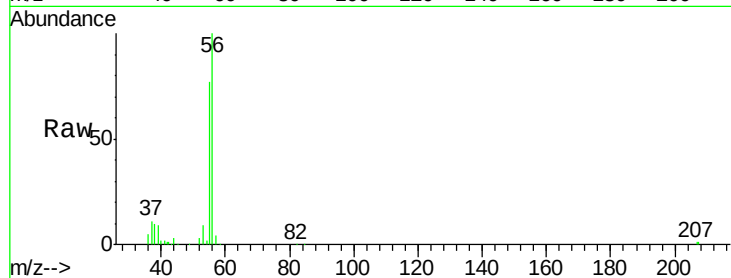
ICVW051518

Tgt Ion: 56 Resp: 48662

Ion Ratio Lower Upper

56 100

55 76.3 57.0 85.4



#14

Allyl chloride

Concen: 51.08 ug/l

RT: 4.65 min Scan# 503

Delta R.T. 0.00 min

Lab File: VW002531.D

Acq: 15 May 2018 00:11

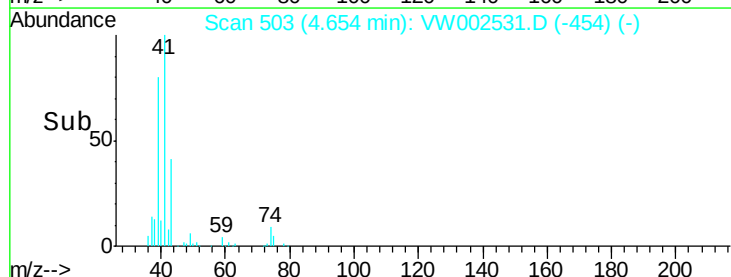
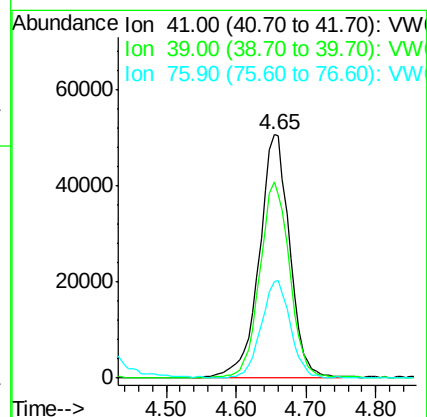
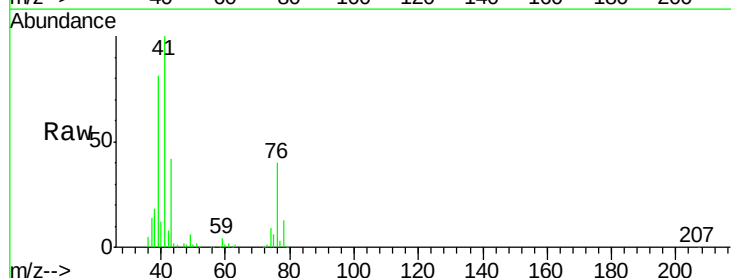
Tgt Ion: 41 Resp: 154391

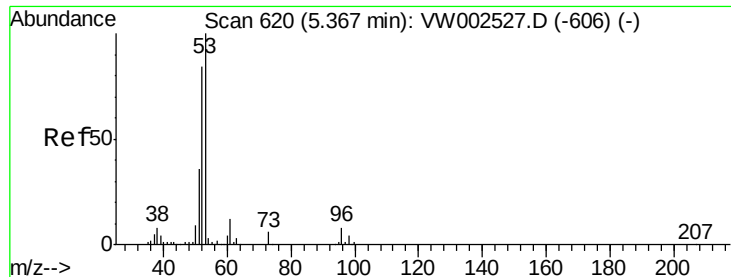
Ion Ratio Lower Upper

41 100

39 78.8 61.4 92.2

76 37.6 29.6 44.4





#15

Acrylonitrile

Concen: 263.41 ug/l

RT: 5.37 min Scan# 620

Delta R.T. -0.00 min

Lab File: VW002531.D

Acq: 15 May 2018 00:11

Instrument :

MSVOA_W

ClientSampleId :

ICVW051518

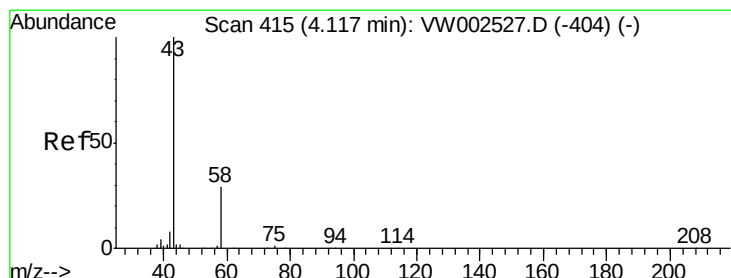
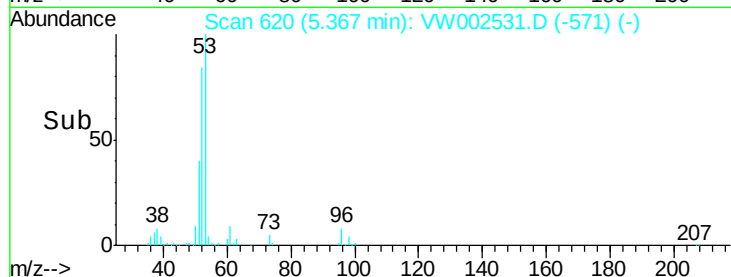
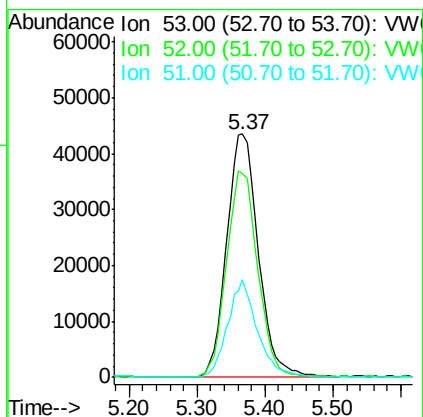
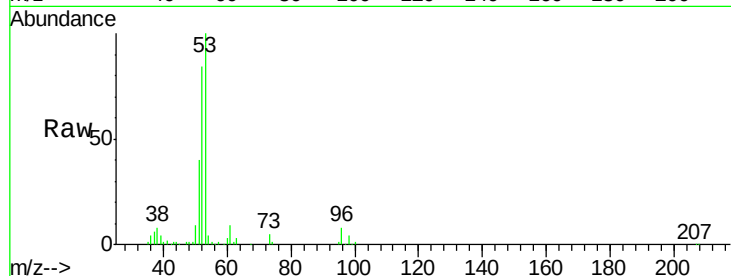
Tgt Ion: 53 Resp: 141183

Ion Ratio Lower Upper

53 100

52 83.0 66.6 100.0

51 37.5 30.6 46.0



#16

Acetone

Concen: 251.65 ug/l

RT: 4.12 min Scan# 416

Delta R.T. 0.01 min

Lab File: VW002531.D

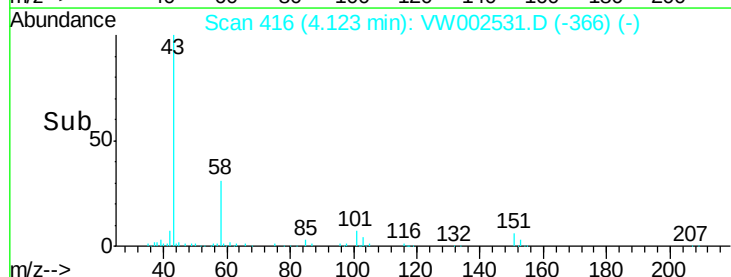
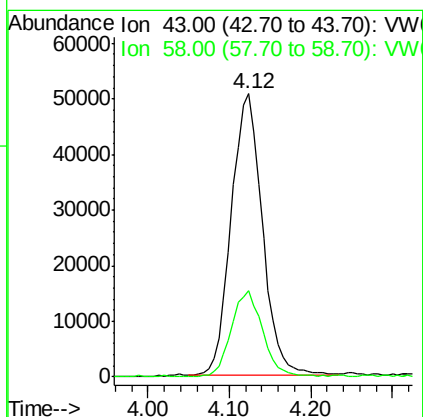
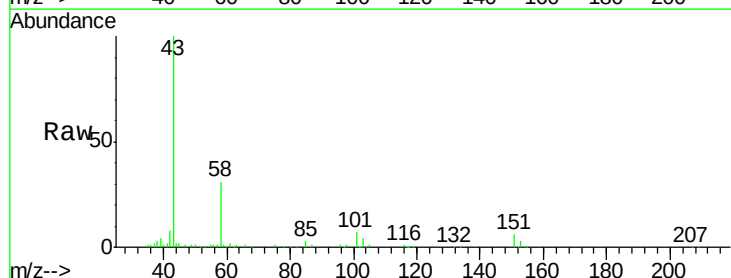
Acq: 15 May 2018 00:11

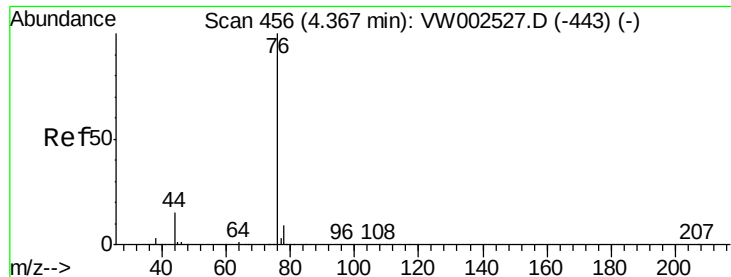
Tgt Ion: 43 Resp: 133694

Ion Ratio Lower Upper

43 100

58 30.7 23.4 35.0

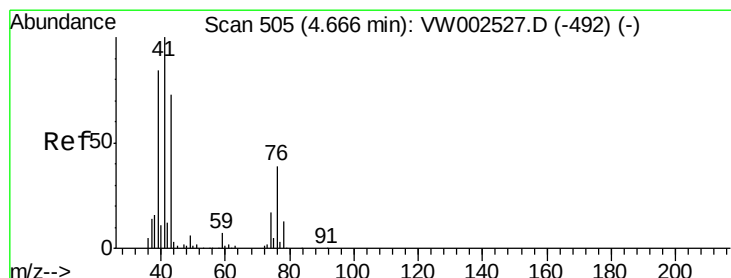
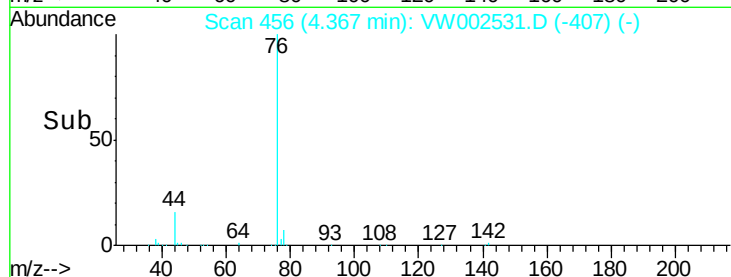
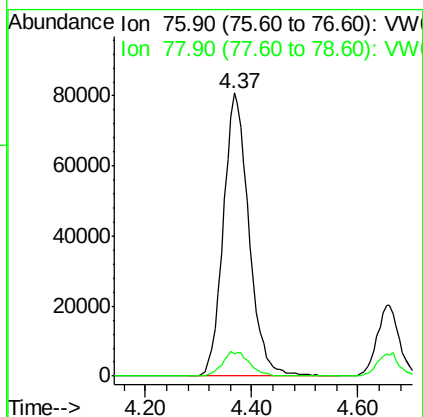
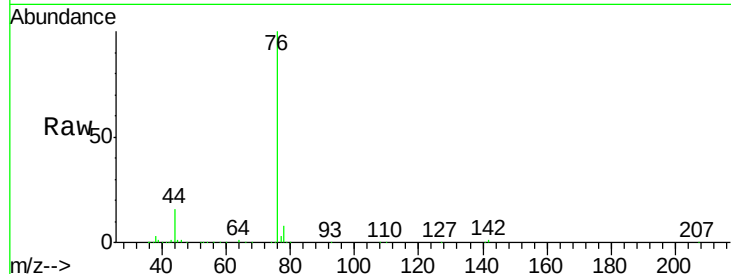




#17
Carbon Disulfide
Concen: 48.36 ug/l
RT: 4.37 min Scan# 456
Delta R.T. 0.00 min
Lab File: VW002531.D
Acq: 15 May 2018 00:11

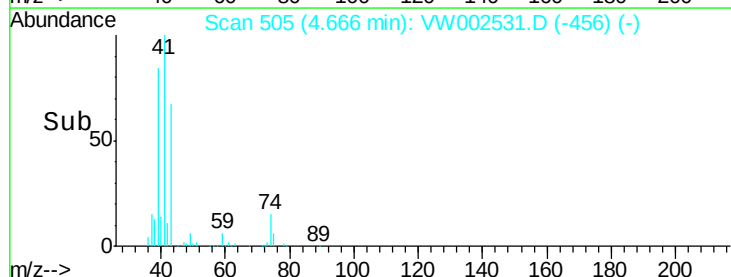
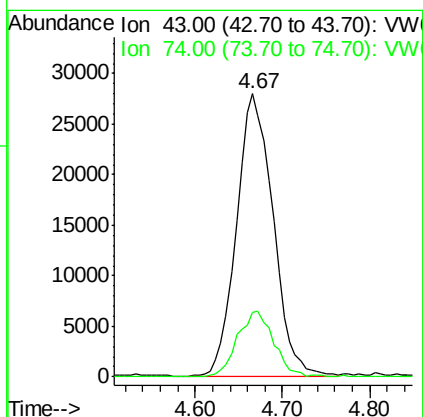
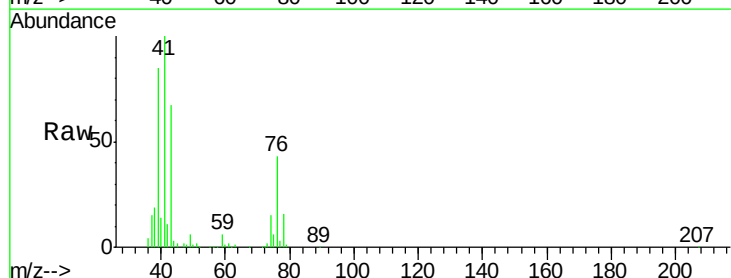
Instrument :
MSVOA_W
ClientSampleId :
ICVW051518

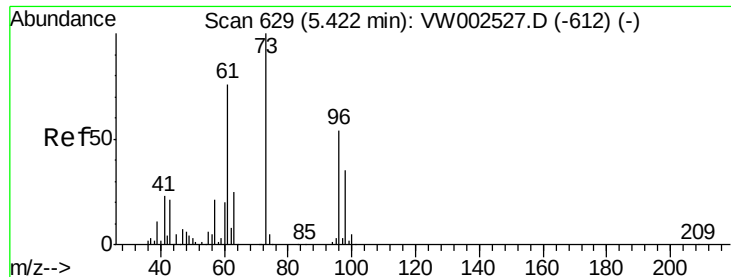
Tgt Ion: 76 Resp: 271018
Ion Ratio Lower Upper
76 100
78 8.0 7.5 11.3



#18
Methyl Acetate
Concen: 52.56 ug/l
RT: 4.67 min Scan# 505
Delta R.T. -0.00 min
Lab File: VW002531.D
Acq: 15 May 2018 00:11

Tgt Ion: 43 Resp: 81396
Ion Ratio Lower Upper
43 100
74 23.0 19.2 28.8





#19

Methyl tert-butyl Ether

Concen: 52.80 ug/l

RT: 5.43 min Scan# 630

Delta R.T. 0.01 min

Lab File: VW002531.D

Acq: 15 May 2018 00:11

Instrument :

MSVOA_W

ClientSampleId :

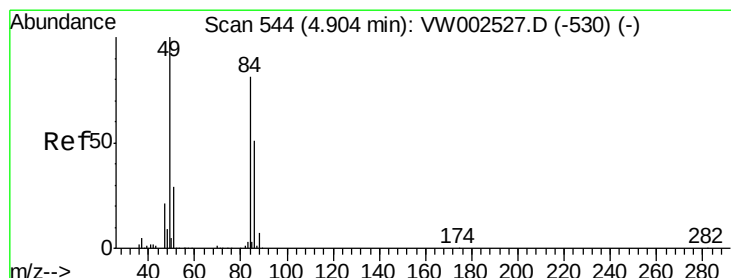
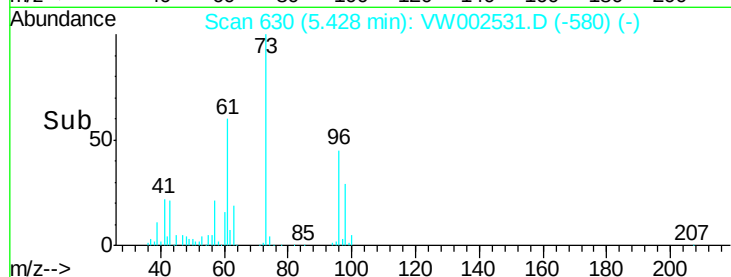
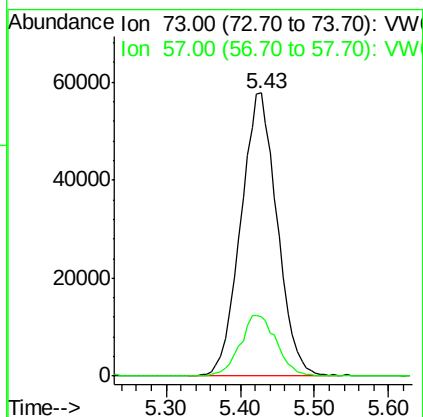
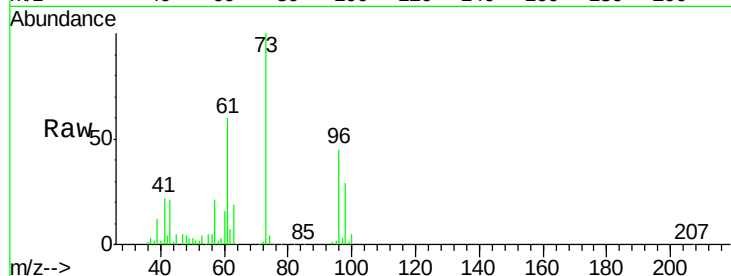
ICVW051518

Tgt Ion: 73 Resp: 197597

Ion Ratio Lower Upper

73 100

57 20.9 17.0 25.6



#20

Methylene Chloride

Concen: 51.59 ug/l

RT: 4.91 min Scan# 545

Delta R.T. 0.01 min

Lab File: VW002531.D

Acq: 15 May 2018 00:11

Tgt Ion: 84 Resp: 108866

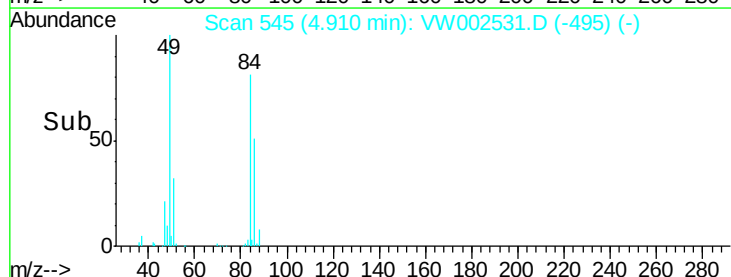
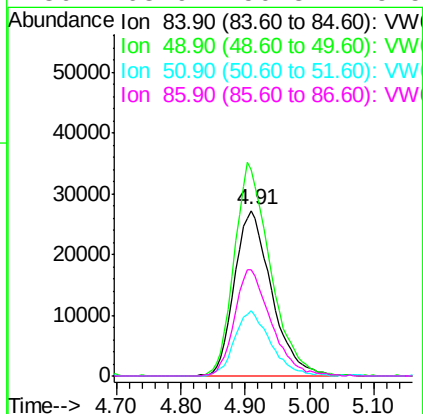
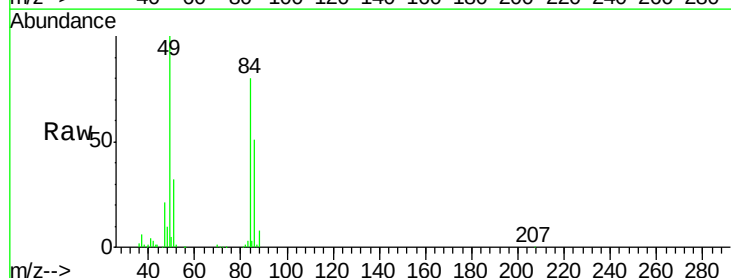
Ion Ratio Lower Upper

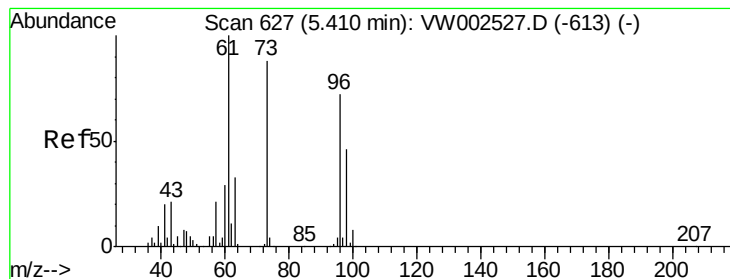
84 100

49 124.5 99.4 149.0

51 39.4 29.0 43.6

86 63.9 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 49.28 ug/l

RT: 5.41 min Scan# 627

Delta R.T. -0.00 min

Lab File: VW002531.D

Acq: 15 May 2018 00:11

Instrument :

MSVOA_W

ClientSampleId :

ICVW051518

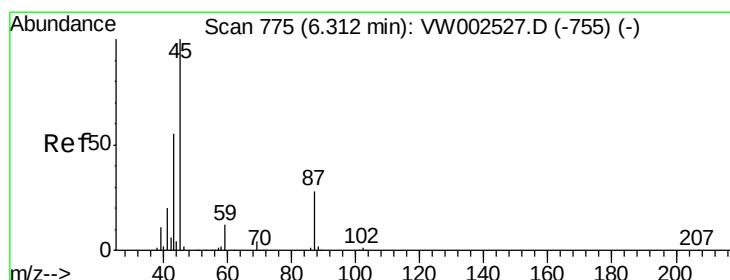
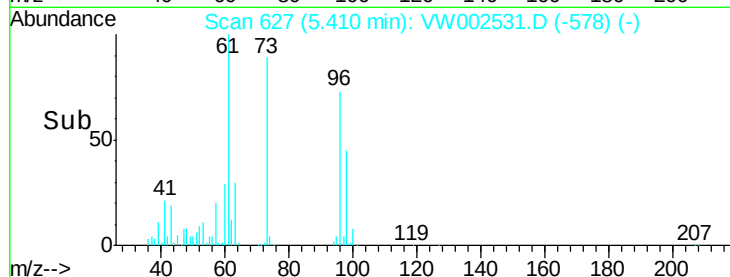
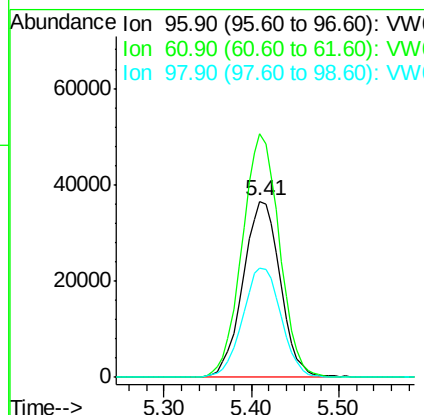
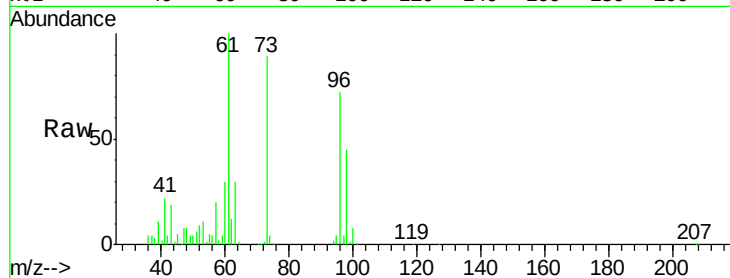
Tgt Ion: 96 Resp: 108498

Ion Ratio Lower Upper

96 100

61 138.1 111.6 167.4

98 61.8 51.7 77.5



#22

Diisopropyl ether

Concen: 52.12 ug/l

RT: 6.31 min Scan# 775

Delta R.T. -0.00 min

Lab File: VW002531.D

Acq: 15 May 2018 00:11

Tgt Ion: 45 Resp: 348960

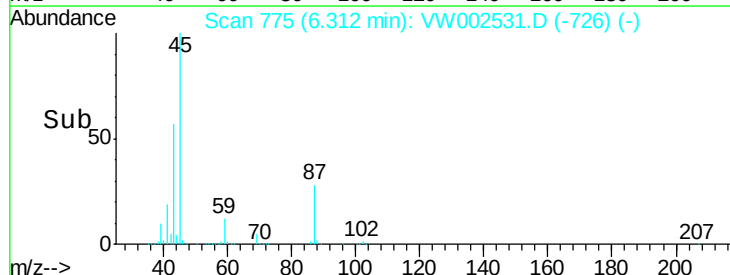
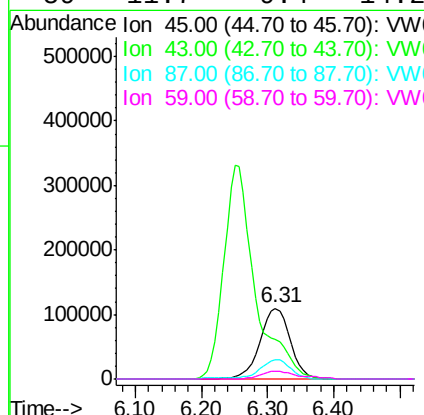
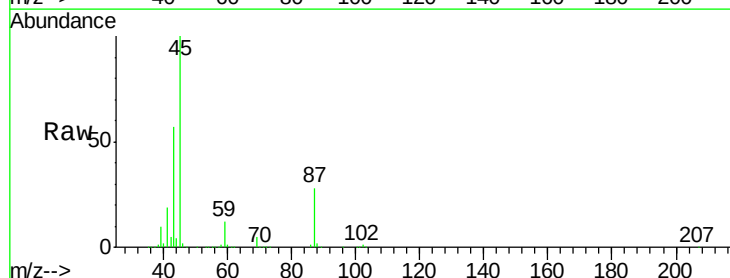
Ion Ratio Lower Upper

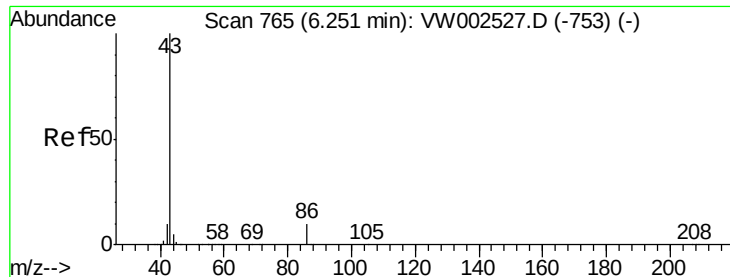
45 100

43 56.5 44.4 66.6

87 27.6 23.0 34.4

59 11.7 9.4 14.2





#23

Vinyl Acetate

Concen: 268.10 ug/l

RT: 6.25 min Scan# 765

Delta R.T. -0.00 min

Lab File: VW002531.D

Acq: 15 May 2018 00:11

Instrument :

MSVOA_W

ClientSampleId :

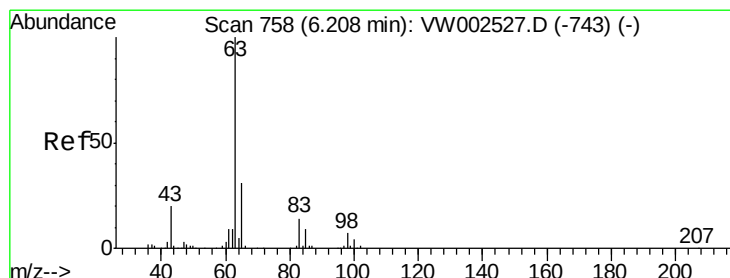
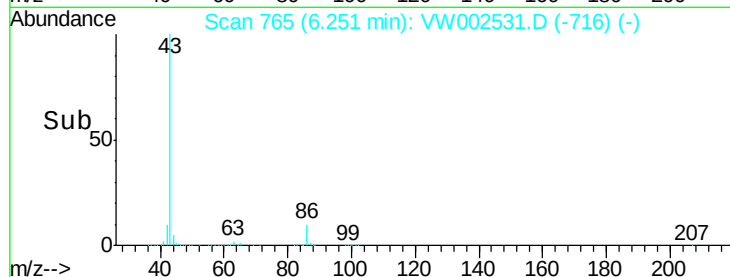
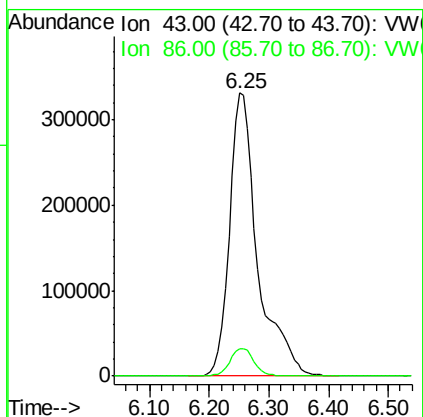
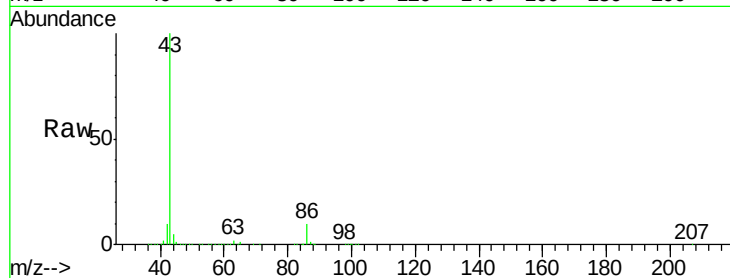
ICVW051518

Tgt Ion: 43 Resp: 1087905

Ion Ratio Lower Upper

43 100

86 9.5 7.9 11.9



#24

1,1-Dichloroethane

Concen: 49.99 ug/l

RT: 6.21 min Scan# 759

Delta R.T. 0.01 min

Lab File: VW002531.D

Acq: 15 May 2018 00:11

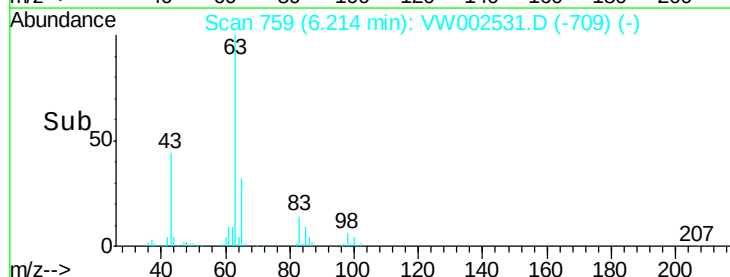
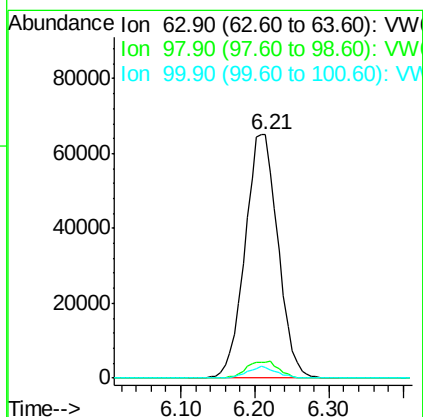
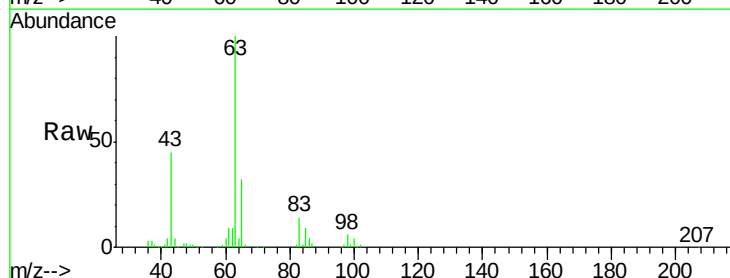
Tgt Ion: 63 Resp: 201714

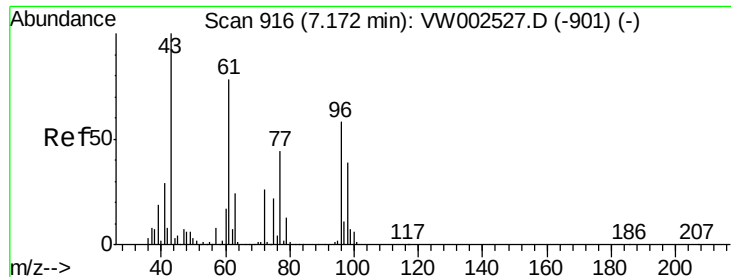
Ion Ratio Lower Upper

63 100

98 6.3 3.6 10.9

100 4.4 2.1 6.5





#25

2-Butanone

Concen: 263.55 ug/l

RT: 7.17 min Scan# 916

Delta R.T. -0.00 min

Lab File: VW002531.D

Acq: 15 May 2018 00:11

Instrument :

MSVOA_W

ClientSampleId :

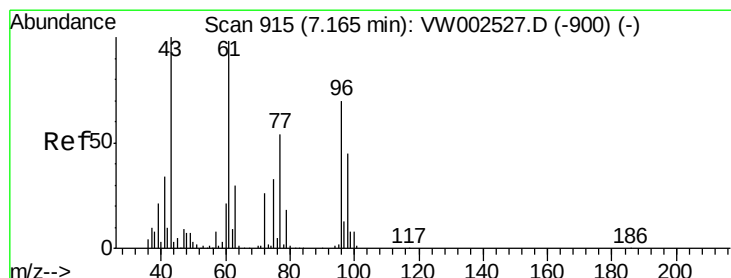
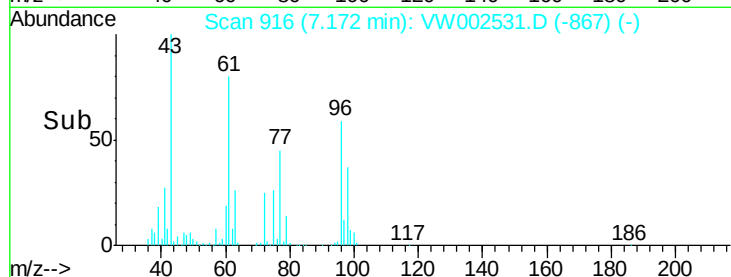
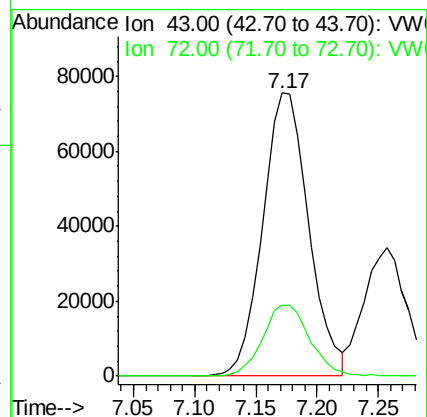
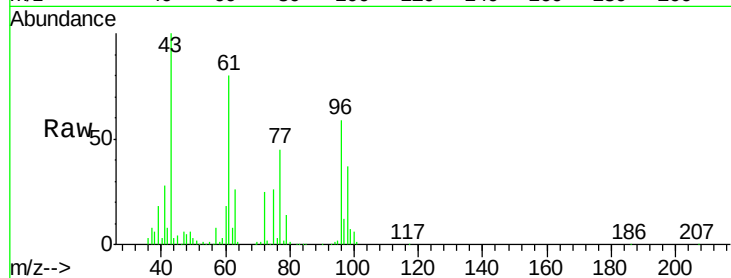
ICVW051518

Tgt Ion: 43 Resp: 197995

Ion Ratio Lower Upper

43 100

72 25.3 20.9 31.3



#26

2,2-Dichloropropane

Concen: 48.00 ug/l

RT: 7.16 min Scan# 914

Delta R.T. -0.01 min

Lab File: VW002531.D

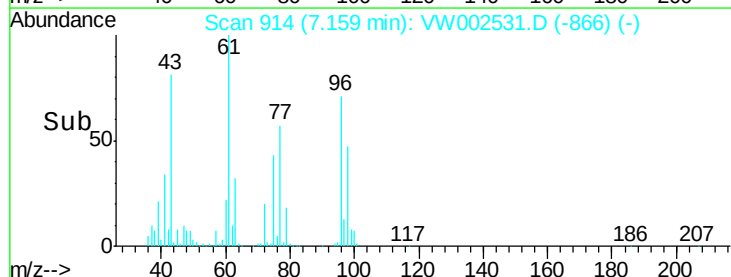
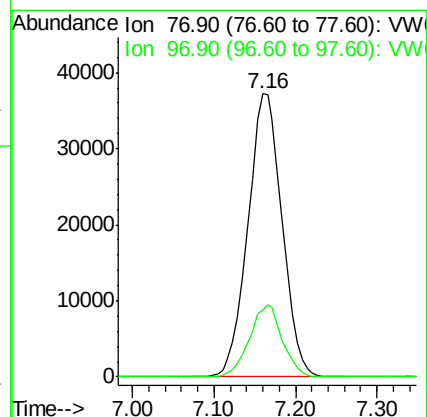
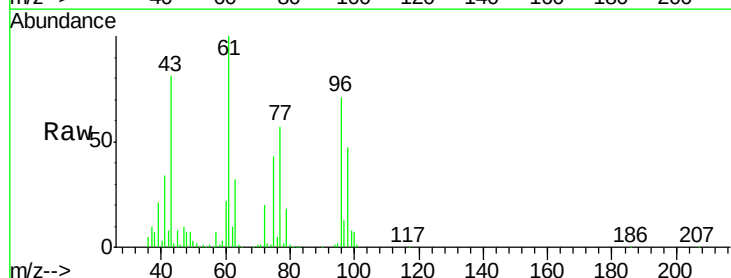
Acq: 15 May 2018 00:11

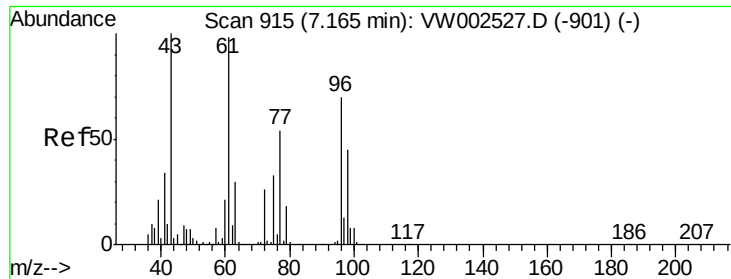
Tgt Ion: 77 Resp: 108540

Ion Ratio Lower Upper

77 100

97 24.4 12.1 36.3





#27

cis-1,2-Dichloroethene

Concen: 50.04 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW002531.D

Acq: 15 May 2018 00:11

Instrument :

MSVOA_W

ClientSampleId :

ICVW051518

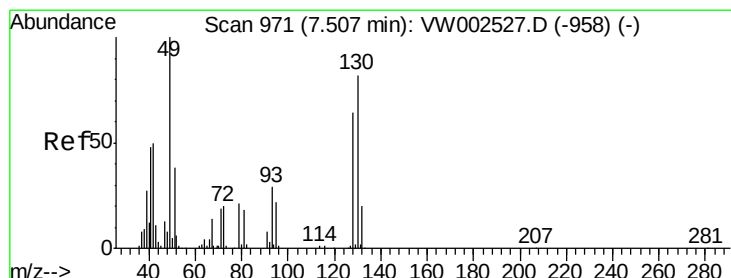
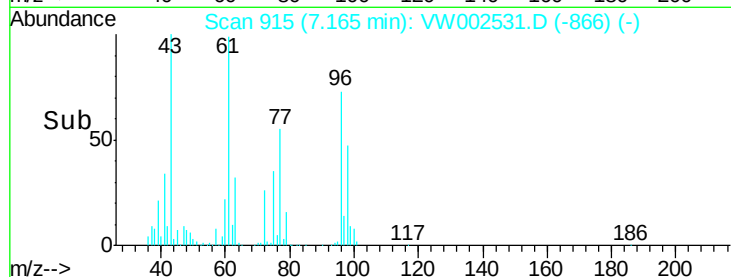
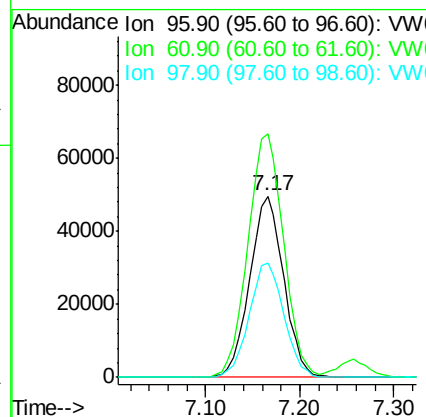
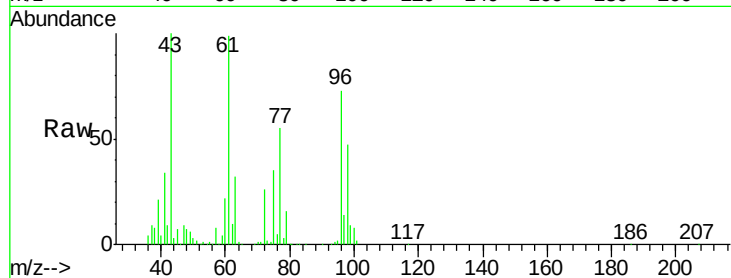
Tgt Ion: 96 Resp: 125716

Ion Ratio Lower Upper

96 100

61 140.9 0.0 281.6

98 64.4 0.0 130.8



#28

Bromochloromethane

Concen: 48.81 ug/l

RT: 7.51 min Scan# 972

Delta R.T. 0.01 min

Lab File: VW002531.D

Acq: 15 May 2018 00:11

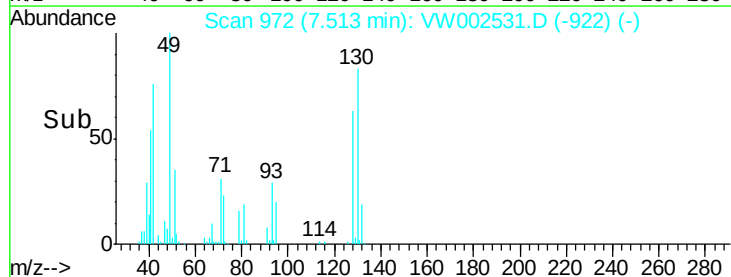
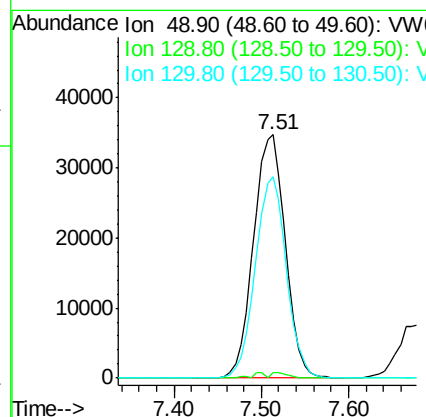
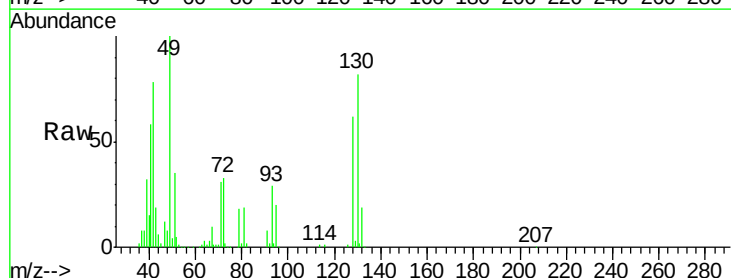
Tgt Ion: 49 Resp: 87927

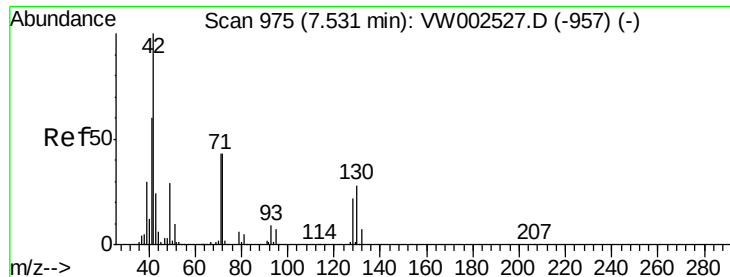
Ion Ratio Lower Upper

49 100

129 1.3 0.0 4.4

130 80.6 64.7 97.1

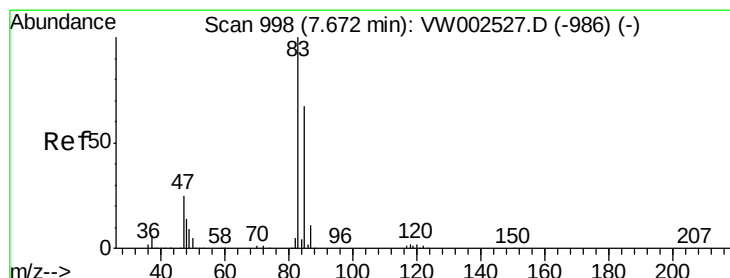
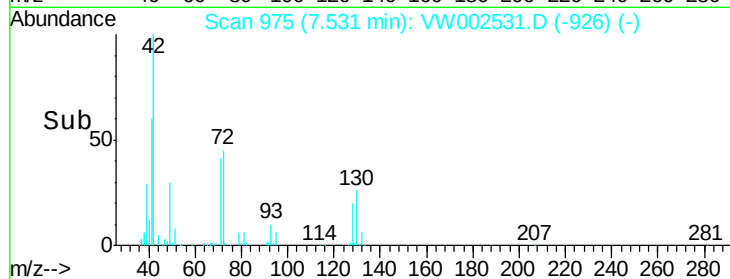
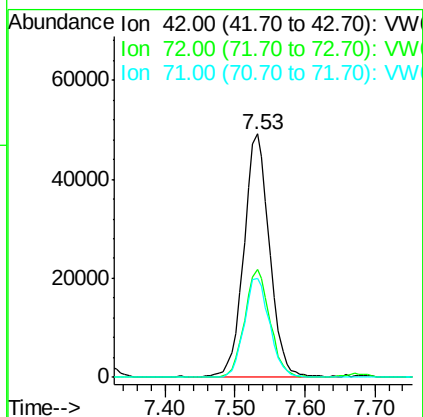
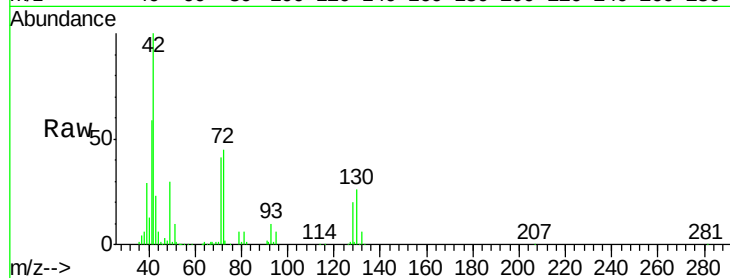




#29
Tetrahydrofuran
Concen: 266.94 ug/l
RT: 7.53 min Scan# 975
Delta R.T. 0.00 min
Lab File: VW002531.D
Acq: 15 May 2018 00:11

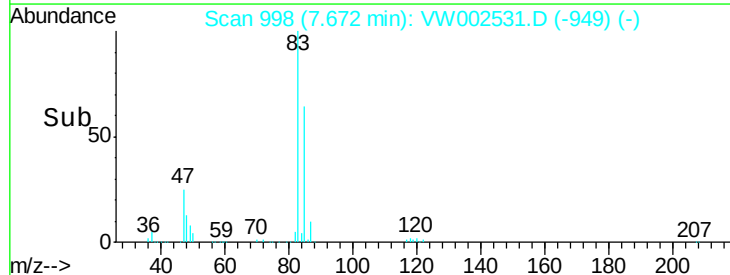
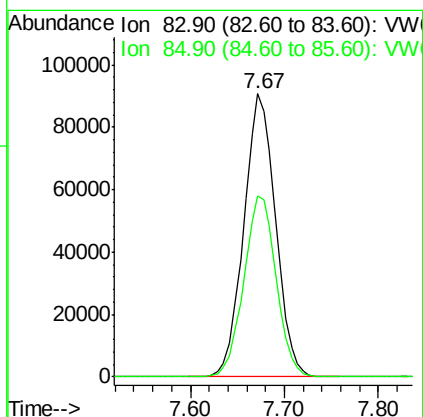
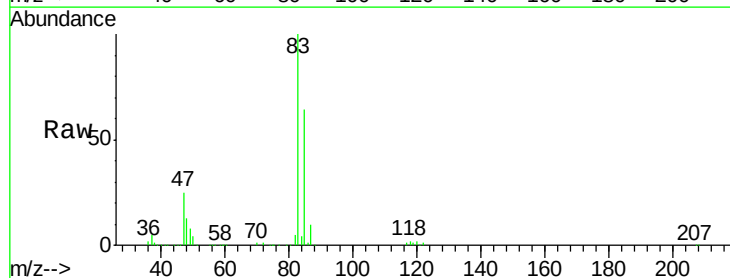
Instrument :
MSVOA_W
ClientSampleId :
ICVW051518

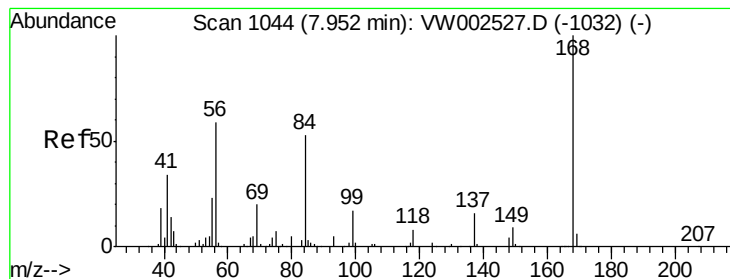
Tgt Ion: 42 Resp: 125276
Ion Ratio Lower Upper
42 100
72 43.6 35.0 52.4
71 40.0 33.0 49.6



#30
Chloroform
Concen: 49.81 ug/l
RT: 7.67 min Scan# 998
Delta R.T. 0.00 min
Lab File: VW002531.D
Acq: 15 May 2018 00:11

Tgt Ion: 83 Resp: 214623
Ion Ratio Lower Upper
83 100
85 64.0 53.9 80.9





#31

Cyclohexane

Concen: 46.44 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW002531.D

Acq: 15 May 2018 00:11

Instrument :

MSVOA_W

ClientSampled :

ICVW051518

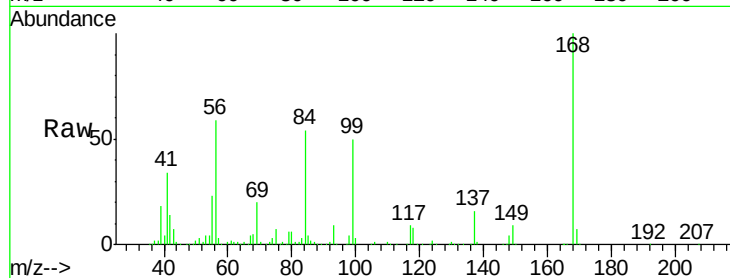
Tgt Ion: 56 Resp: 166016

Ion Ratio Lower Upper

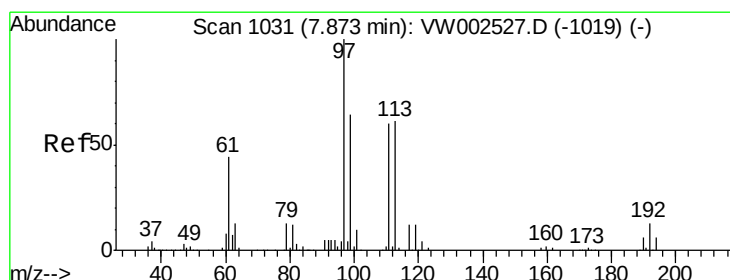
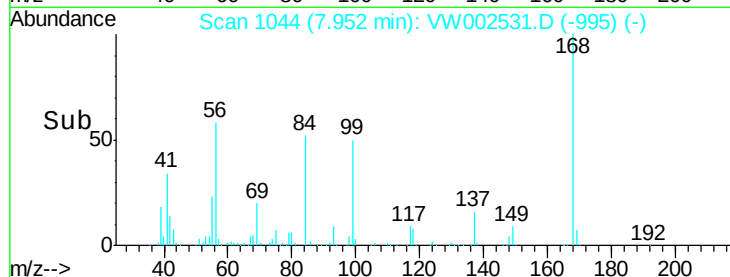
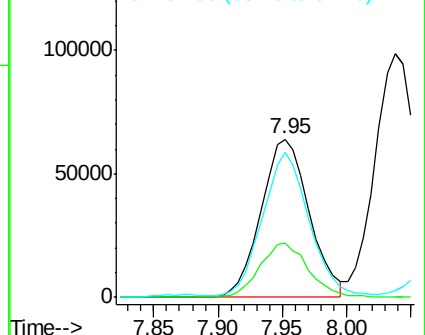
56 100

69 34.0 27.0 40.4

84 90.4 72.2 108.2



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



#32

1,1,1-Trichloroethane

Concen: 50.36 ug/l

RT: 7.87 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VW002531.D

Acq: 15 May 2018 00:11

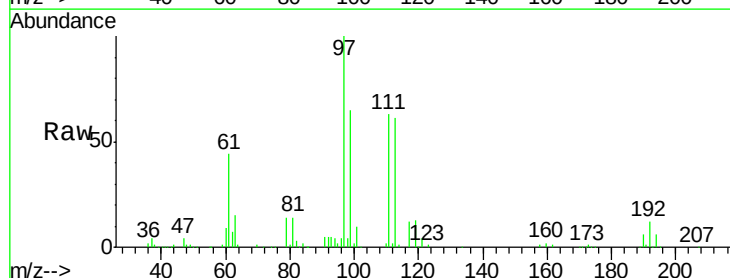
Tgt Ion: 97 Resp: 163680

Ion Ratio Lower Upper

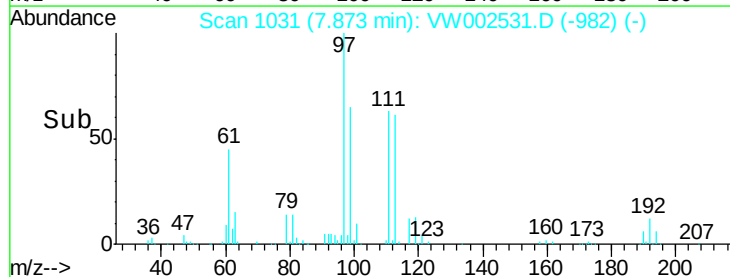
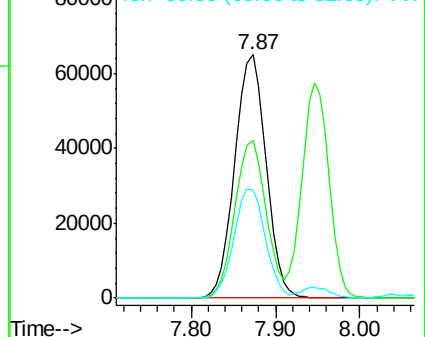
97 100

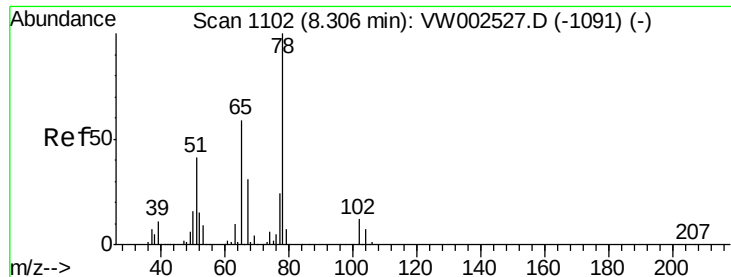
99 64.7 51.1 76.7

61 44.8 35.9 53.9



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

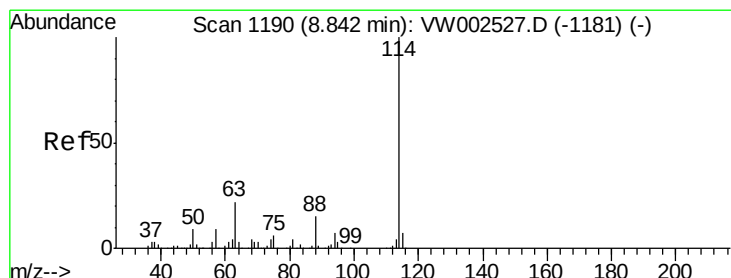
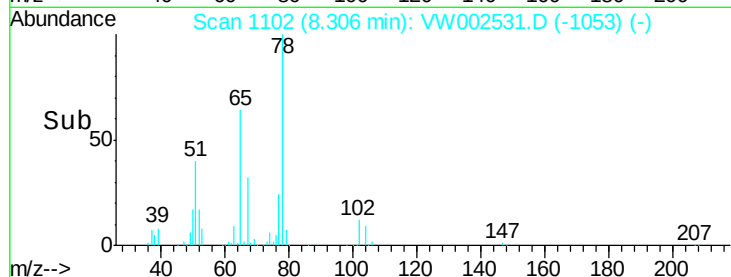
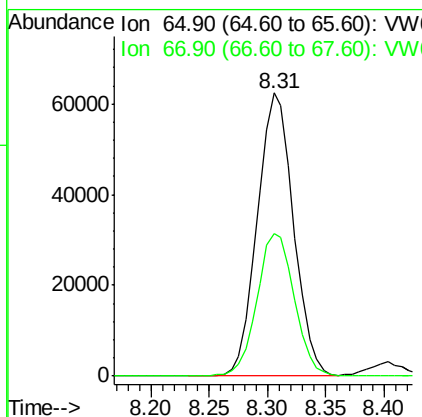
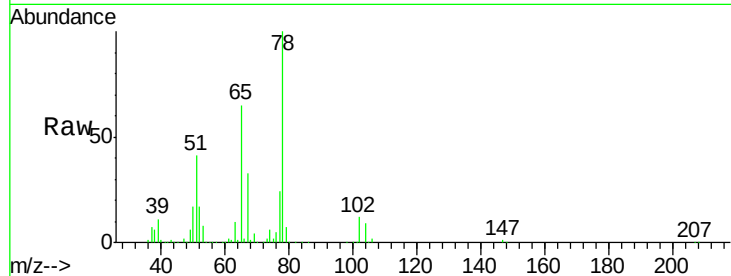




#33
 1,2-Dichloroethane-d4
 Concen: 53.77 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: VW002531.D
 Acq: 15 May 2018 00:11

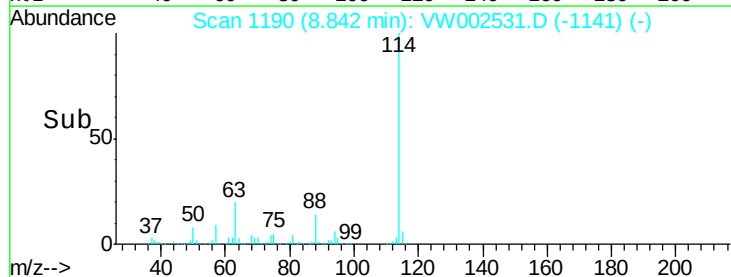
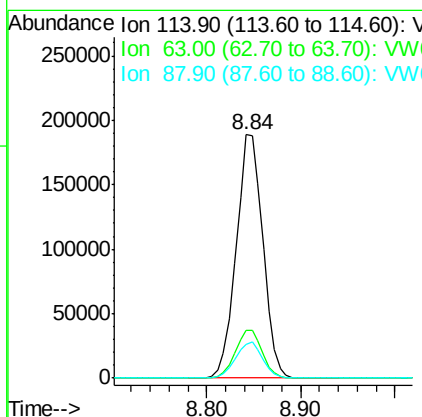
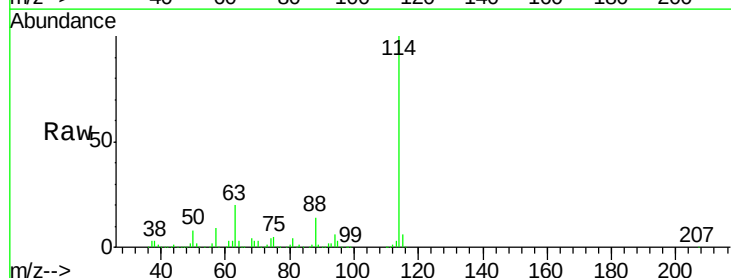
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW051518

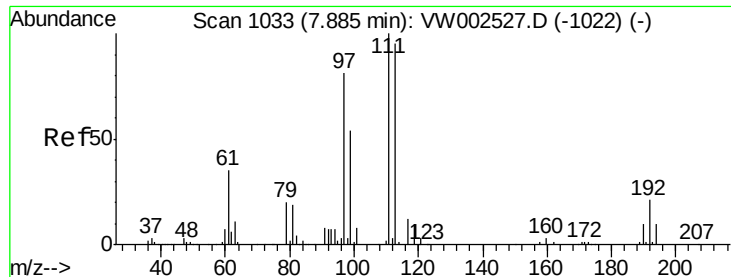
Tgt Ion: 65 Resp: 135322
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.84 min Scan# 1190
 Delta R.T. -0.00 min
 Lab File: VW002531.D
 Acq: 15 May 2018 00:11

Tgt Ion: 114 Resp: 371038
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 43.2
 88 13.9 0.0 29.2

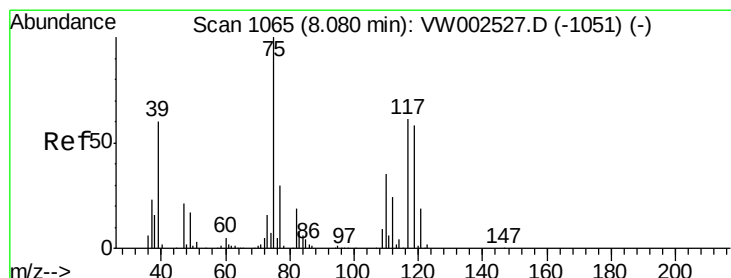
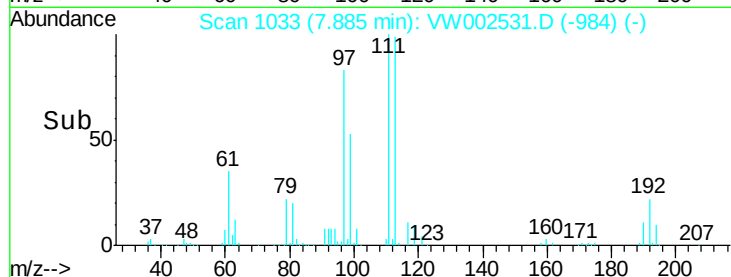
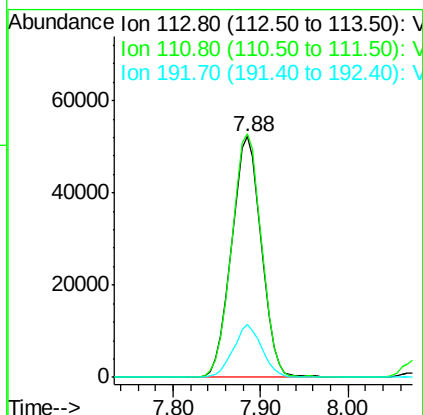
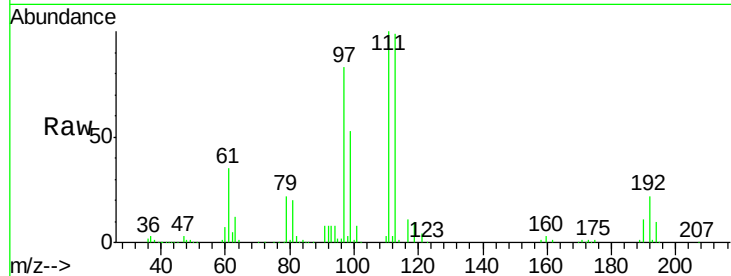




#35
 Dibromofluoromethane
 Concen: 52.42 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW002531.D
 Acq: 15 May 2018 00:11

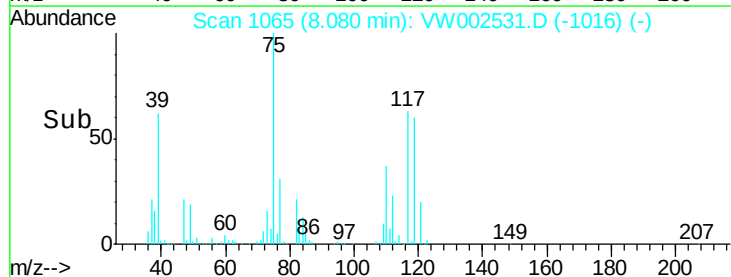
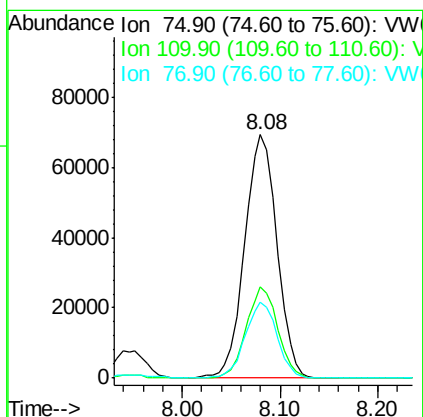
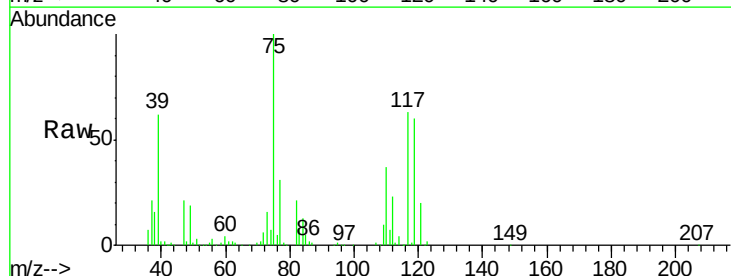
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW051518

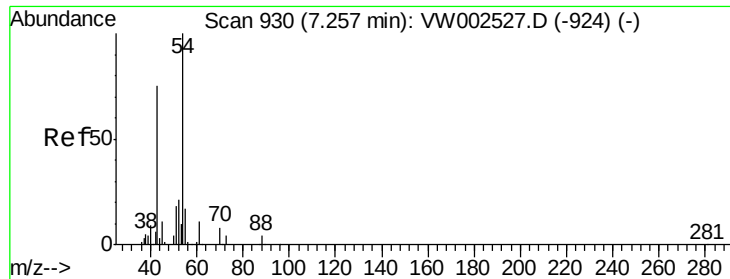
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.8	122.8
192	21.0	17.5	26.3



#36
 1,1-Dichloropropene
 Concen: 48.39 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. 0.00 min
 Lab File: VW002531.D
 Acq: 15 May 2018 00:11

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.3	17.8	53.5
77	31.0	24.5	36.7

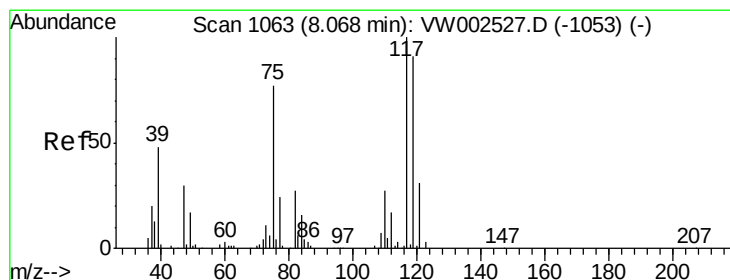
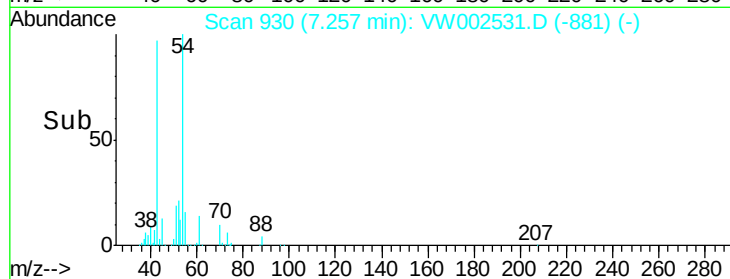
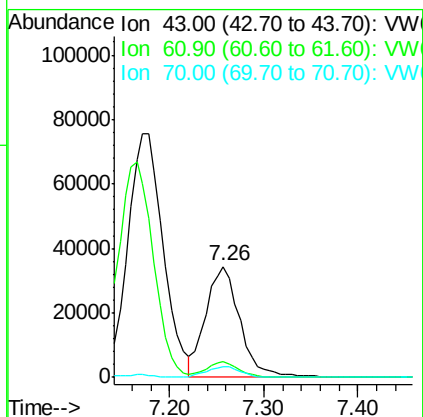
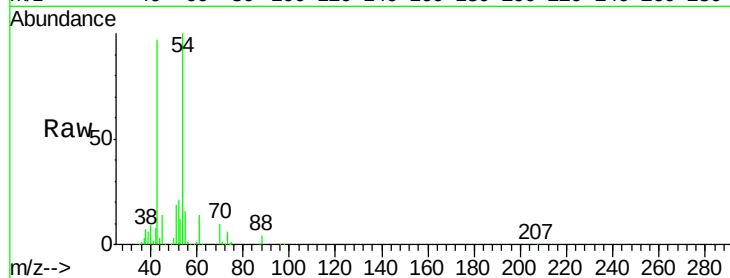




#37
Ethyl Acetate
Concen: 52.93 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.00 min
Lab File: VW002531.D
Acq: 15 May 2018 00:11

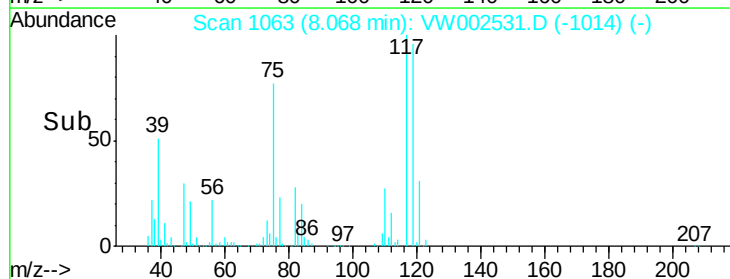
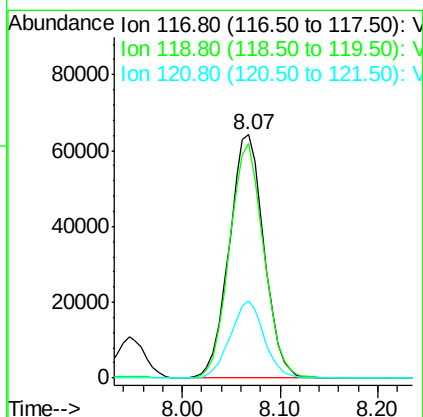
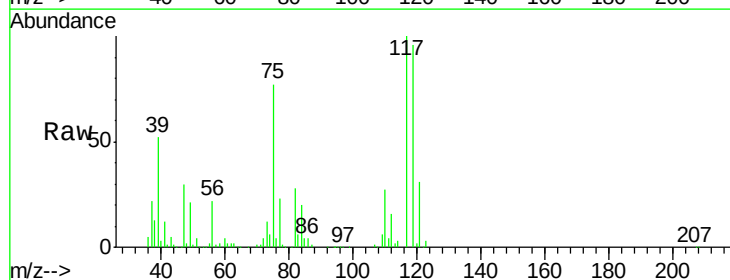
Instrument :
MSVOA_W
ClientSampleId :
ICVW051518

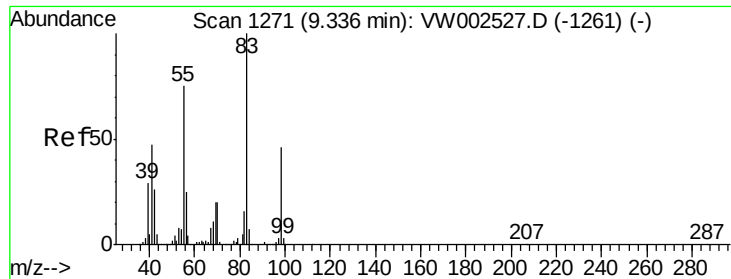
Tgt Ion: 43 Resp: 85948
Ion Ratio Lower Upper
43 100
61 13.4 11.1 16.7
70 9.8 7.8 11.8



#38
Carbon Tetrachloride
Concen: 49.33 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VW002531.D
Acq: 15 May 2018 00:11

Tgt Ion: 117 Resp: 158146
Ion Ratio Lower Upper
117 100
119 96.2 73.1 109.7
121 31.5 24.4 36.6

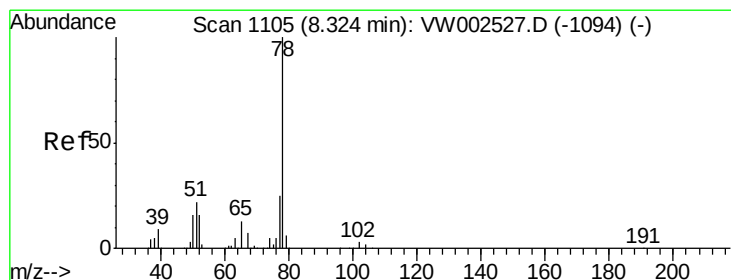
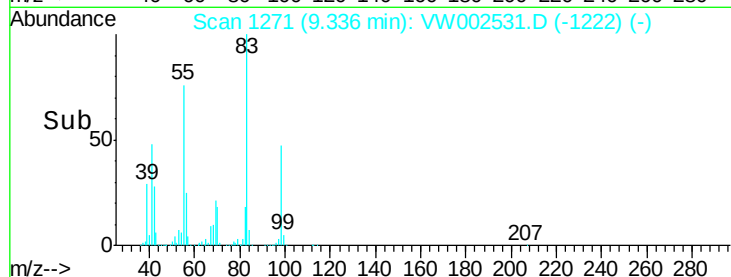
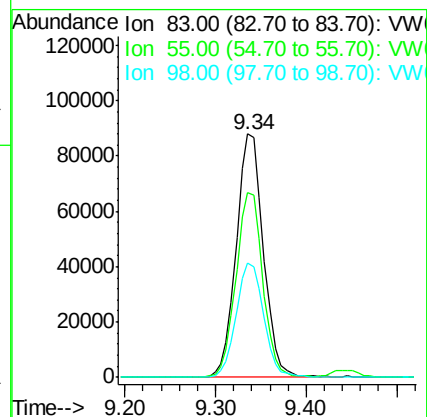
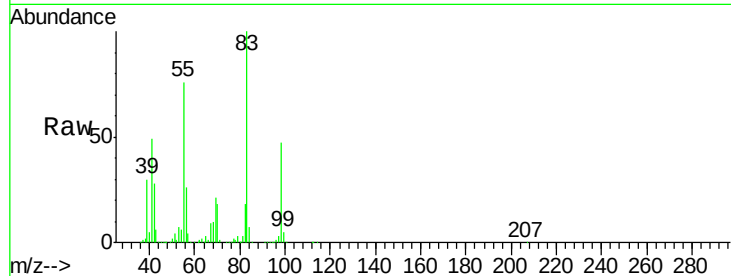




#39
Methylcyclohexane
Concen: 48.80 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VW002531.D
Acq: 15 May 2018 00:11

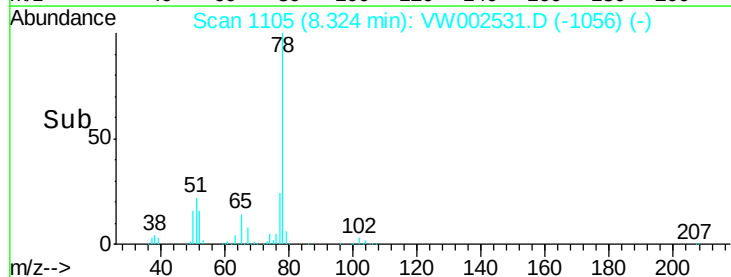
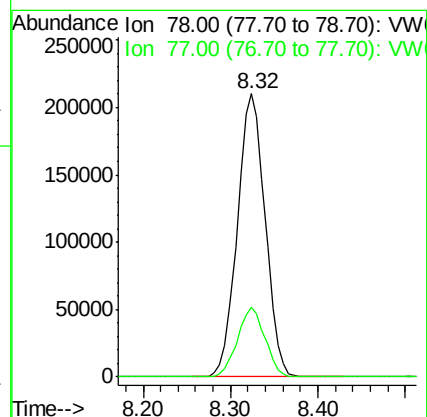
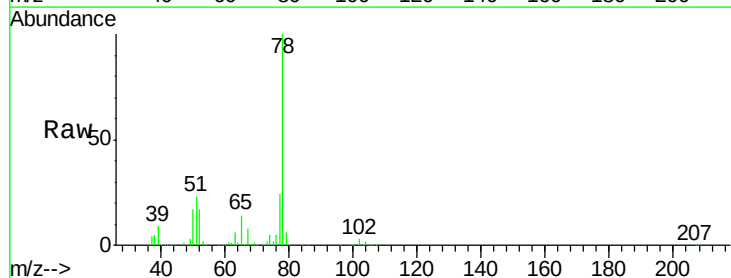
Instrument :
MSVOA_W
ClientSampleId :
ICVW051518

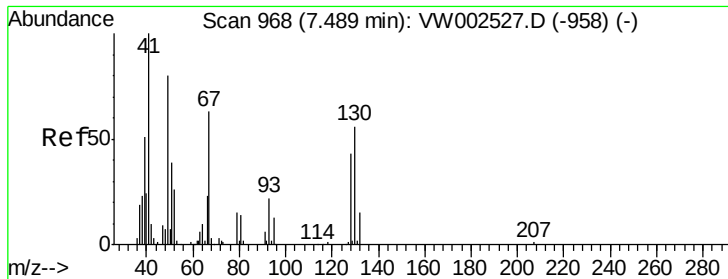
Tgt Ion: 83 Resp: 183029
Ion Ratio Lower Upper
83 100
55 75.9 60.0 90.0
98 46.9 37.0 55.4



#40
Benzene
Concen: 49.33 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VW002531.D
Acq: 15 May 2018 00:11

Tgt Ion: 78 Resp: 463741
Ion Ratio Lower Upper
78 100
77 24.5 19.9 29.9

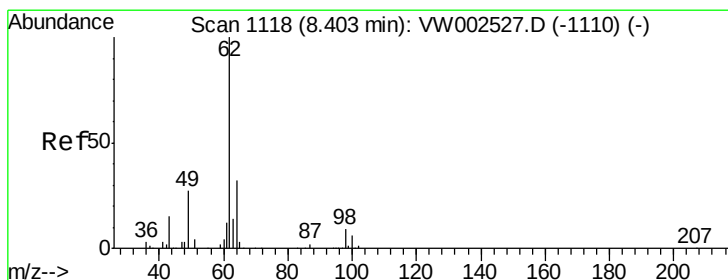
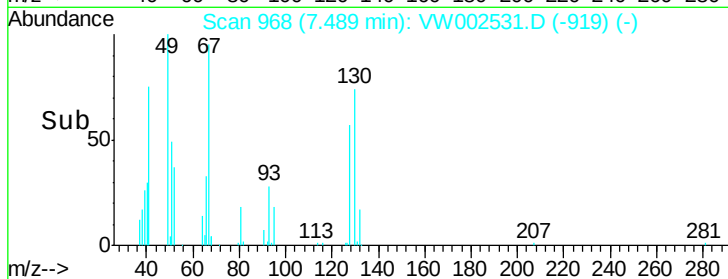
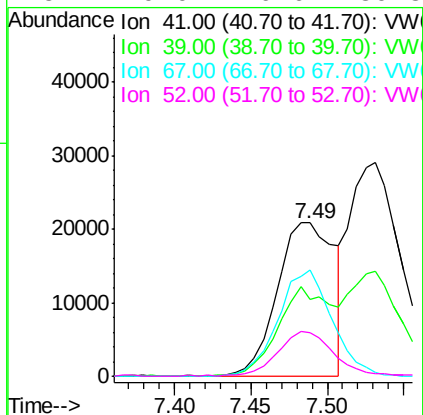
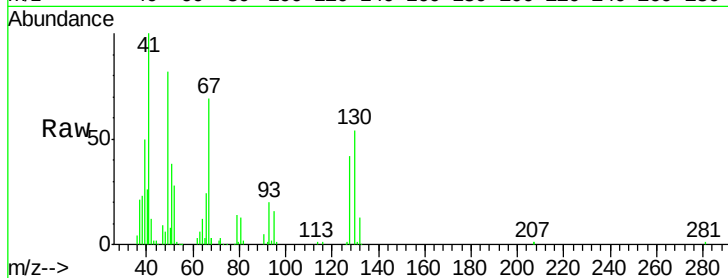




#41
Methacrylonitrile
Concen: 59.59 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.00 min
Lab File: VW002531.D
Acq: 15 May 2018 00:11

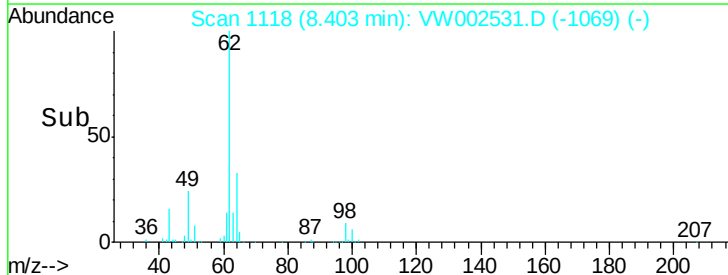
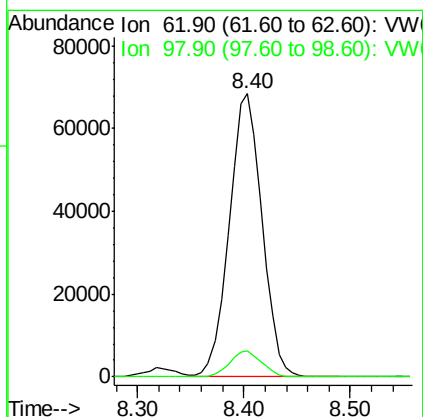
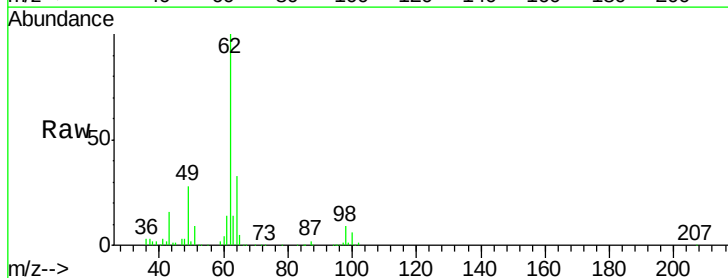
Instrument :
MSVOA_W
ClientSampleId :
ICVW051518

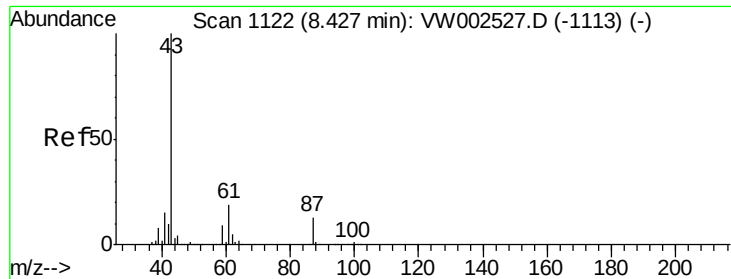
Tgt Ion:	41	Resp:	54157
Ion	Ratio	Lower	Upper
41	100		
39	55.3	51.8	77.8
67	65.5	59.9	89.9
52	29.0	26.6	39.8



#42
1,2-Dichloroethane
Concen: 49.59 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. -0.00 min
Lab File: VW002531.D
Acq: 15 May 2018 00:11

Tgt Ion:	62	Resp:	148053
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	17.8





#43

Isopropyl Acetate

Concen: 53.13 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.01 min

Lab File: VW002531.D

Acq: 15 May 2018 00:11

Instrument :

MSVOA_W

ClientSampleId :

ICVW051518

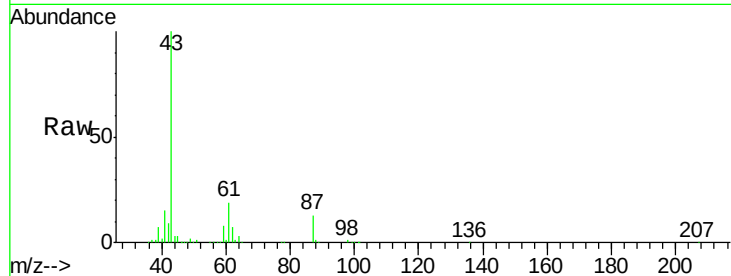
Tgt Ion: 43 Resp: 165932

Ion Ratio Lower Upper

43 100

61 28.1 23.0 34.6

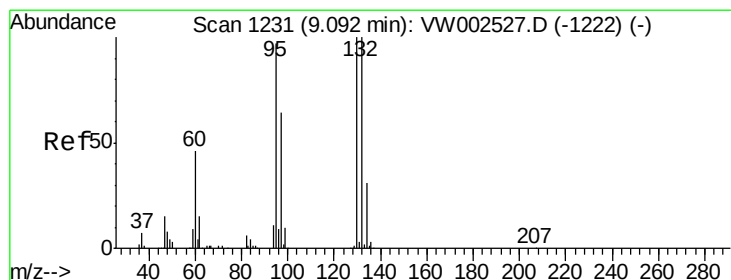
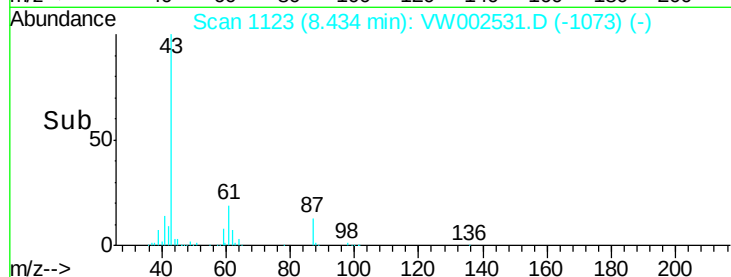
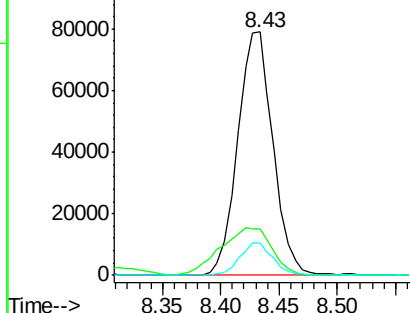
87 12.7 10.6 15.8



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: 49.10 ug/l

RT: 9.09 min Scan# 1231

Delta R.T. -0.00 min

Lab File: VW002531.D

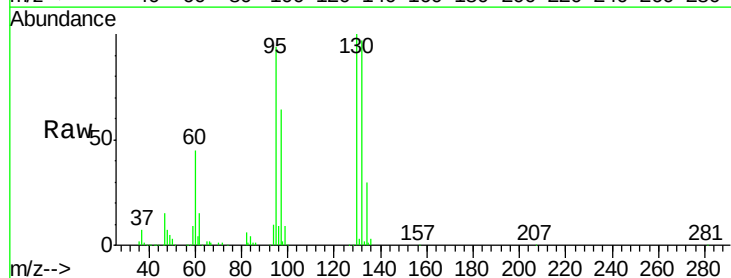
Acq: 15 May 2018 00:11

Tgt Ion: 130 Resp: 126501

Ion Ratio Lower Upper

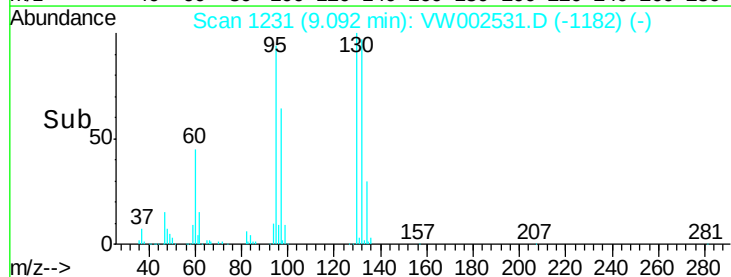
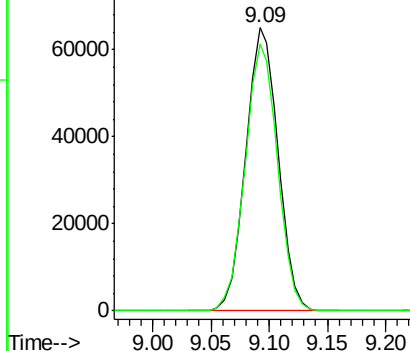
130 100

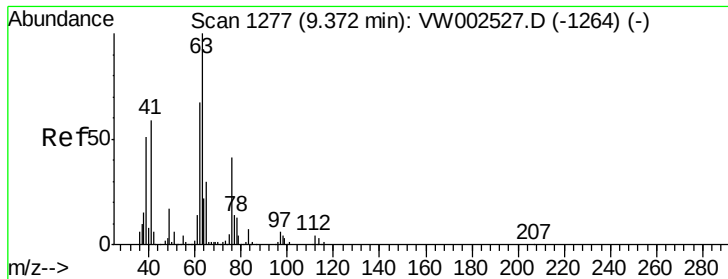
95 94.4 0.0 194.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

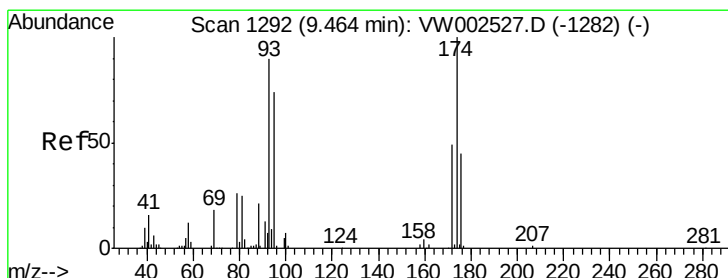
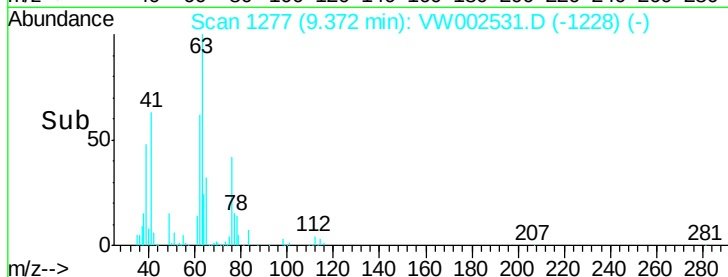
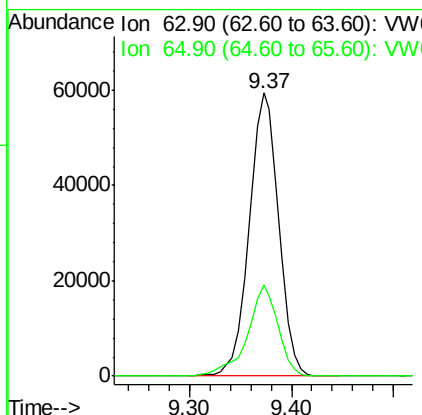
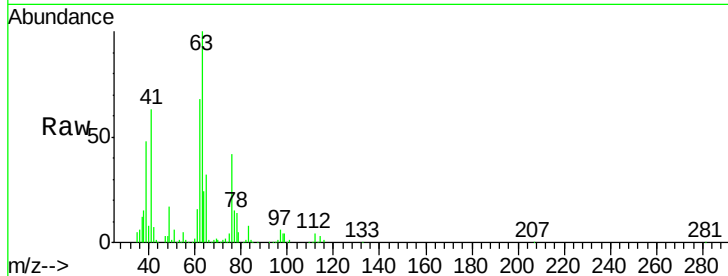




#45
 1,2-Dichloropropane
 Concen: 49.86 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW002531.D
 Acq: 15 May 2018 00:11

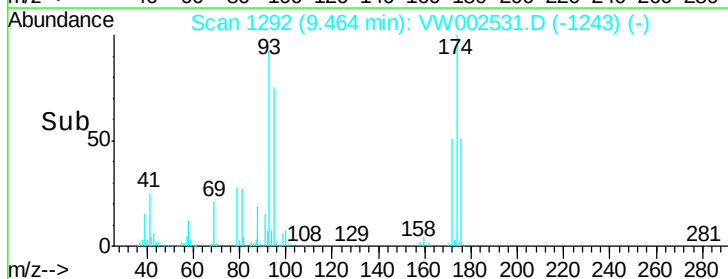
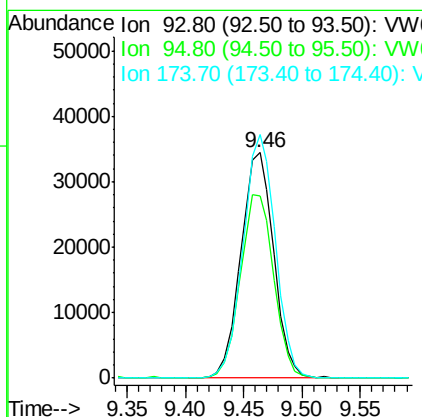
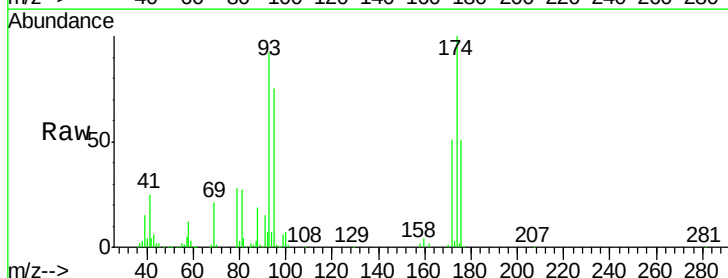
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW051518

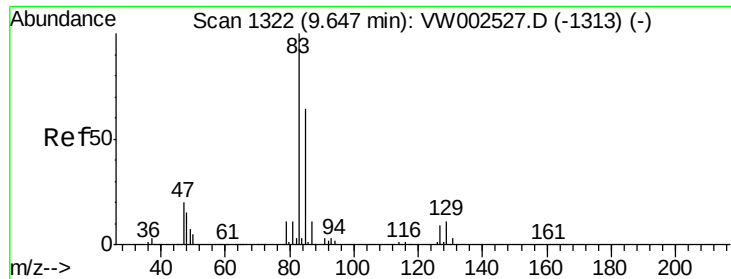
Tgt Ion: 63 Resp: 119450
 Ion Ratio Lower Upper
 63 100
 65 32.3 24.4 36.6



#46
 Dibromomethane
 Concen: 49.73 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. -0.00 min
 Lab File: VW002531.D
 Acq: 15 May 2018 00:11

Tgt Ion: 93 Resp: 67795
 Ion Ratio Lower Upper
 93 100
 95 82.7 66.6 100.0
 174 106.2 84.0 126.0





#47

Bromodichloromethane

Concen: 50.92 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VW002531.D

Acq: 15 May 2018 00:11

Instrument :

MSVOA_W

ClientSampleId :

ICVW051518

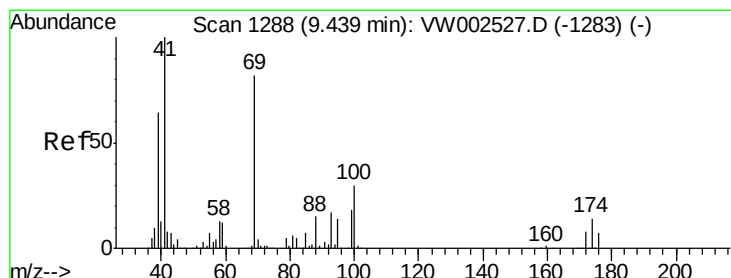
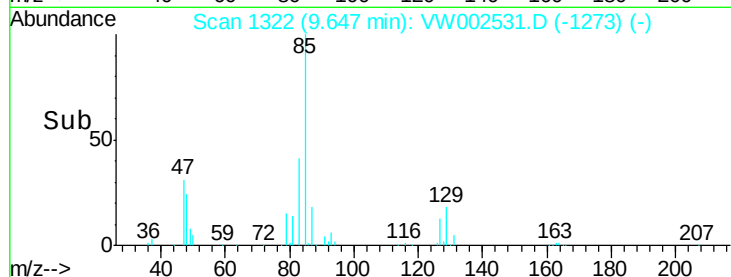
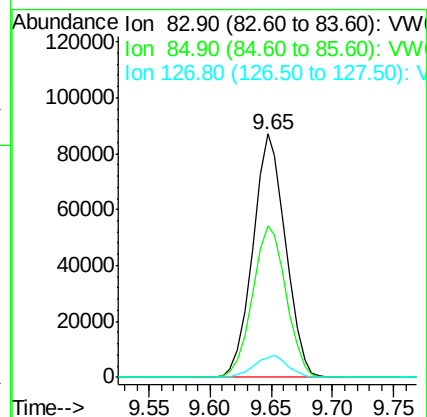
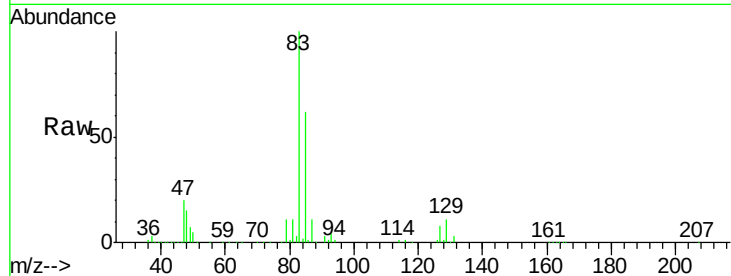
Tgt Ion: 83 Resp: 161900

Ion Ratio Lower Upper

83 100

85 62.4 51.4 77.2

127 8.1 7.0 10.4



#48

Methyl methacrylate

Concen: 55.87 ug/l

RT: 9.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VW002531.D

Acq: 15 May 2018 00:11

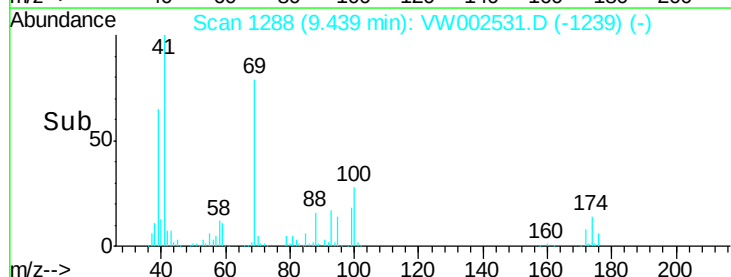
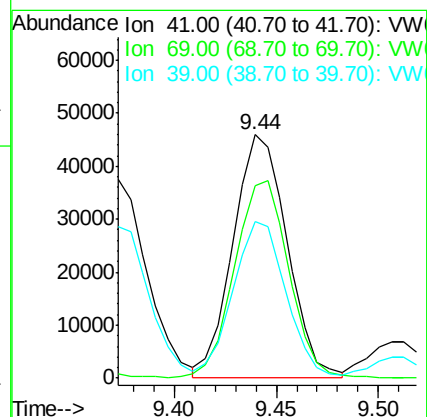
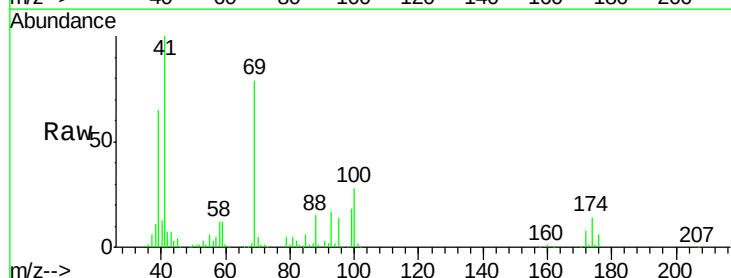
Tgt Ion: 41 Resp: 84550

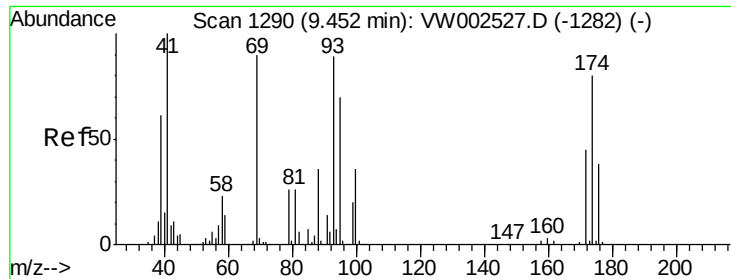
Ion Ratio Lower Upper

41 100

69 81.0 69.7 104.5

39 63.0 55.0 82.4





#49

1,4-Dioxane

Concen: 977.22 ug/l

RT: 9.45 min Scan# 1290

Delta R.T. -0.00 min

Lab File: VW002531.D

Acq: 15 May 2018 00:11

Instrument :

MSVOA_W

ClientSampleId :

ICVW051518

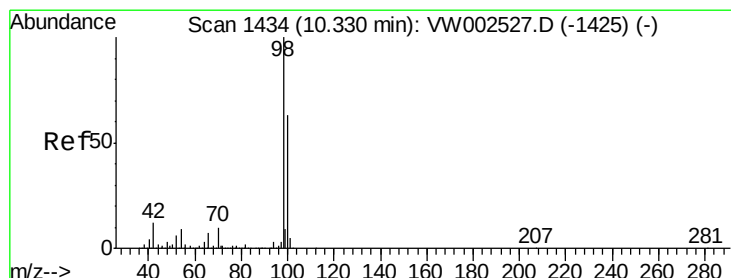
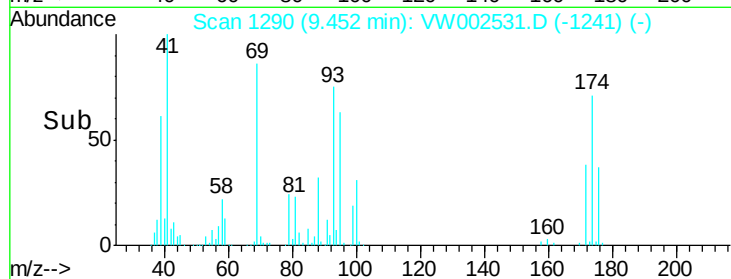
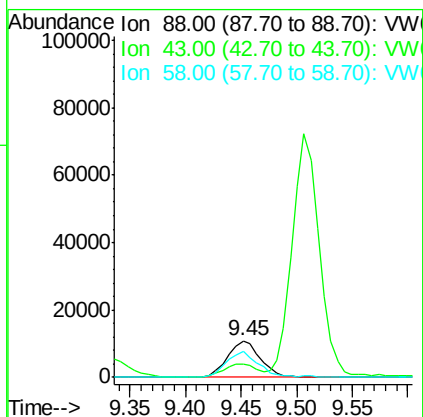
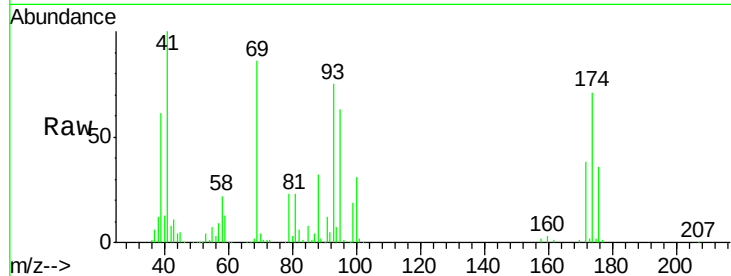
Tgt Ion: 88 Resp: 22200

Ion Ratio Lower Upper

88 100

43 33.9 27.0 40.4

58 69.3 56.9 85.3



#50

Toluene-d8

Concen: 53.44 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW002531.D

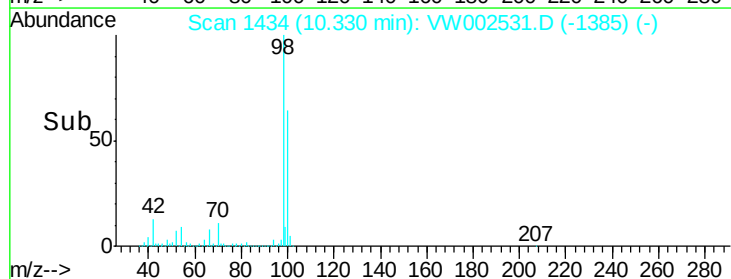
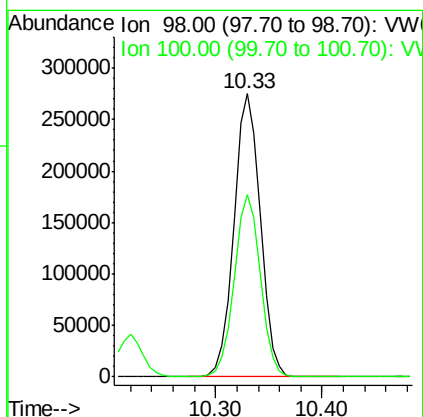
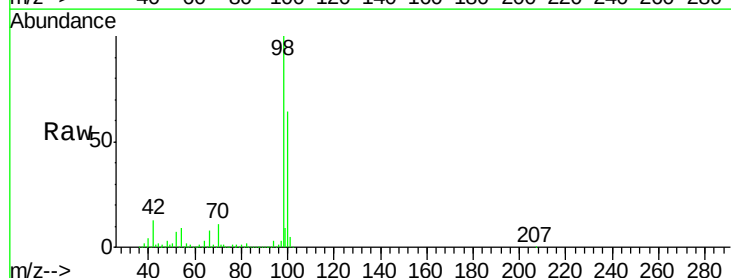
Acq: 15 May 2018 00:11

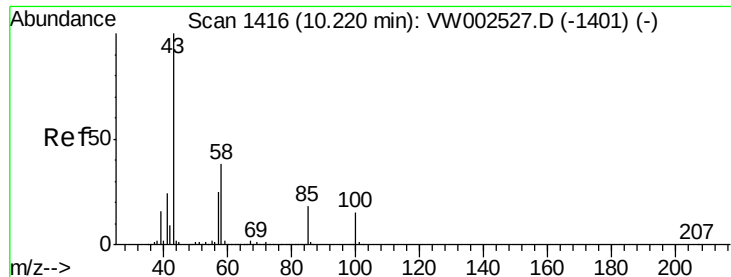
Tgt Ion: 98 Resp: 478569

Ion Ratio Lower Upper

98 100

100 63.6 51.0 76.4

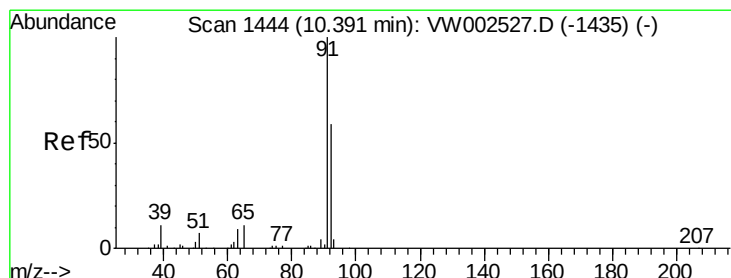
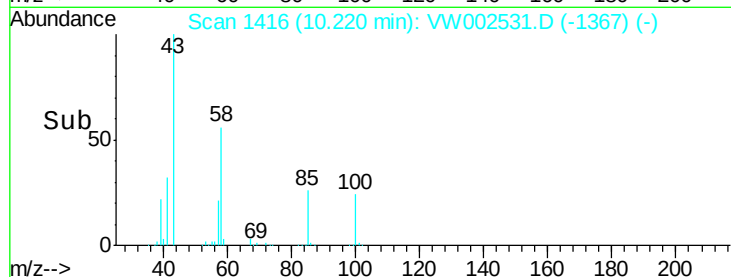
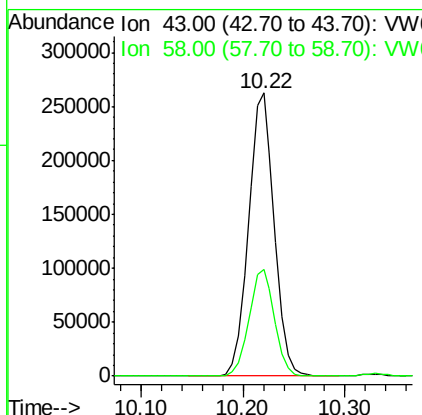
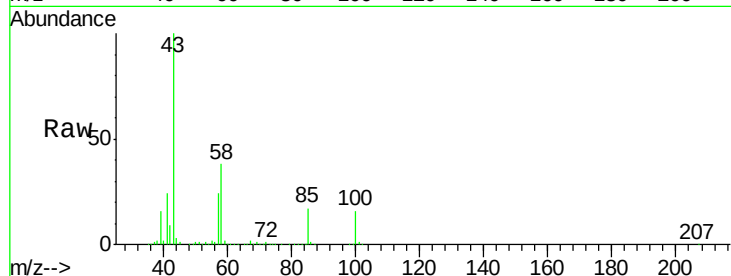




#51
 4-Methyl-2-Pentanone
 Concen: 267.20 ug/l
 RT: 10.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VW002531.D
 Acq: 15 May 2018 00:11

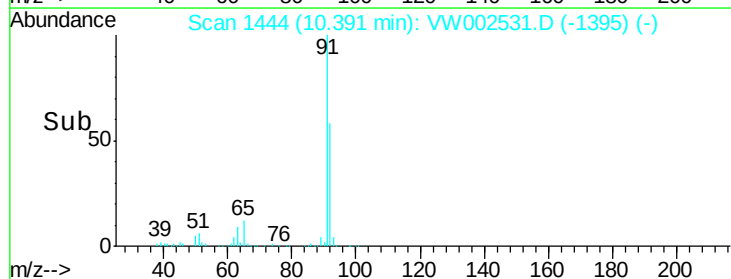
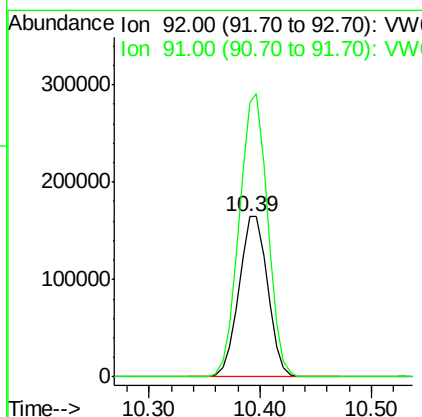
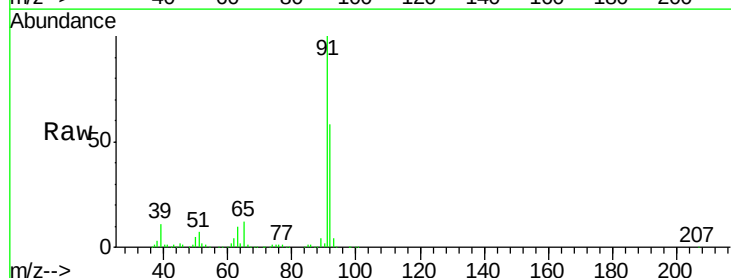
Instrument :
 MSVOA_W
 ClientSampled :
 ICVVW051518

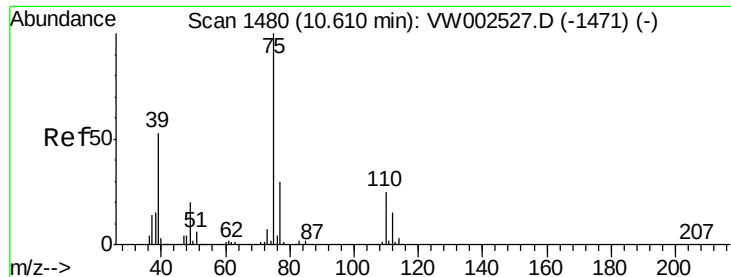
Tgt Ion: 43 Resp: 458209
 Ion Ratio Lower Upper
 43 100
 58 37.6 30.1 45.1



#52
 Toluene
 Concen: 49.55 ug/l
 RT: 10.39 min Scan# 1444
 Delta R.T. -0.00 min
 Lab File: VW002531.D
 Acq: 15 May 2018 00:11

Tgt Ion: 92 Resp: 294514
 Ion Ratio Lower Upper
 92 100
 91 174.4 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 51.03 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW002531.D

Acq: 15 May 2018 00:11

Instrument :

MSVOA_W

ClientSampled :

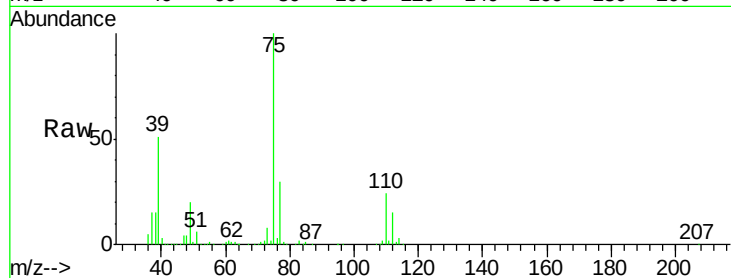
ICVW051518

Tgt Ion: 75 Resp: 164048

Ion Ratio Lower Upper

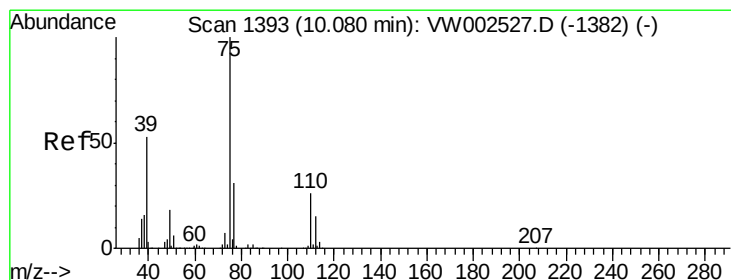
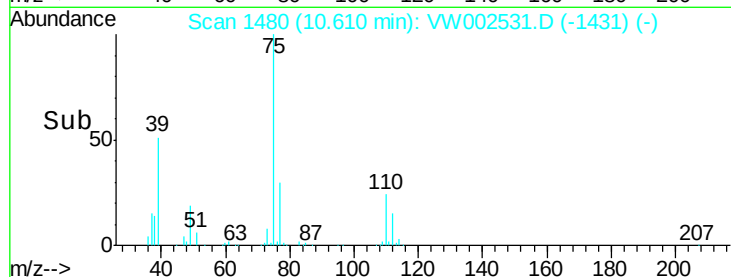
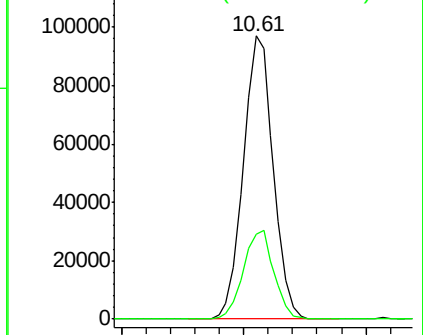
75 100

77 30.2 24.1 36.1



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



#54

cis-1,3-Dichloropropene

Concen: 50.51 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW002531.D

Acq: 15 May 2018 00:11

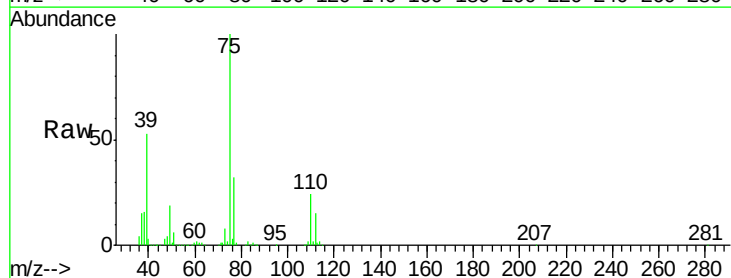
Tgt Ion: 75 Resp: 180988

Ion Ratio Lower Upper

75 100

77 31.6 25.0 37.4

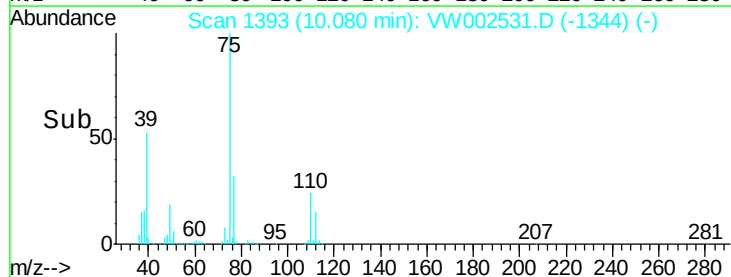
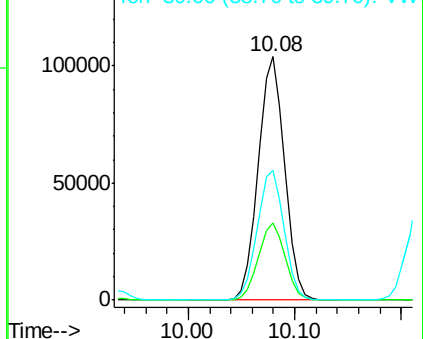
39 53.0 42.5 63.7

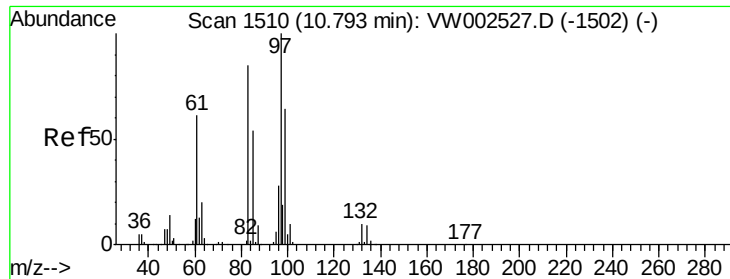


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW





#55

1,1,2-Trichloroethane

Concen: 49.47 ug/l

RT: 10.79 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VW002531.D

Acq: 15 May 2018 00:11

Instrument :

MSVOA_W

ClientSampleId :

ICVW051518

Tgt Ion: 97 Resp: 95006

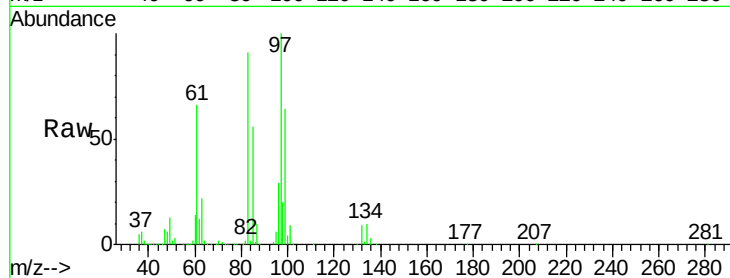
Ion Ratio Lower Upper

97 100

83 91.2 68.1 102.1

85 55.5 43.6 65.4

99 63.8 51.2 76.8

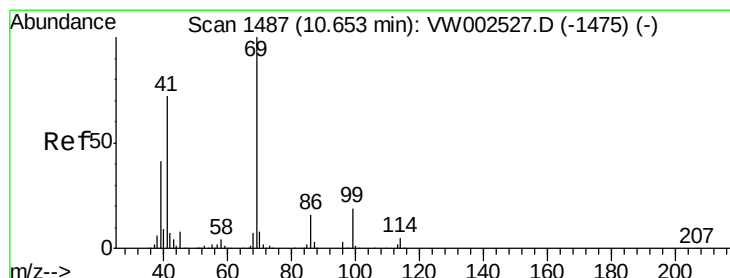
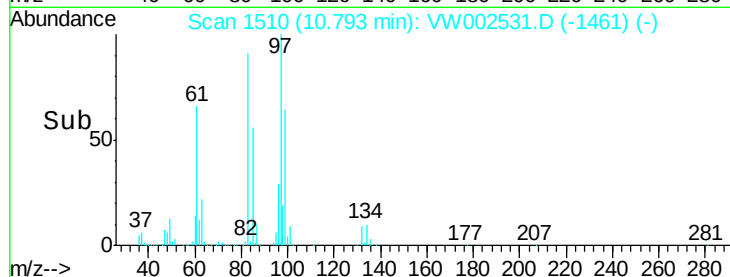
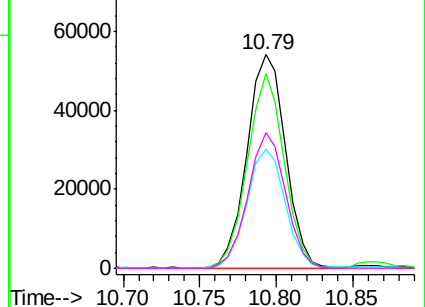


Abundance Ion 96.90 (96.60 to 97.60): VW

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: 53.61 ug/l

RT: 10.65 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW002531.D

Acq: 15 May 2018 00:11

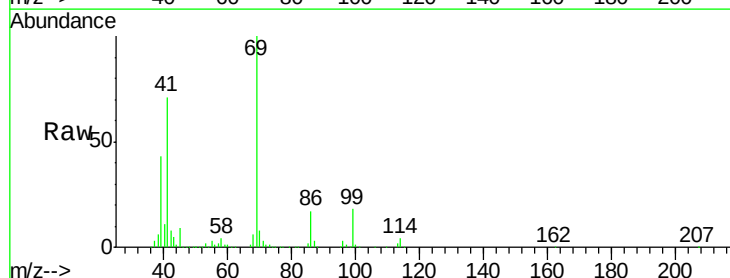
Tgt Ion: 69 Resp: 125459

Ion Ratio Lower Upper

69 100

41 70.3 55.3 82.9

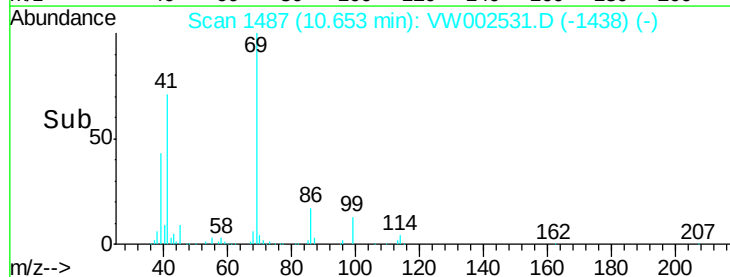
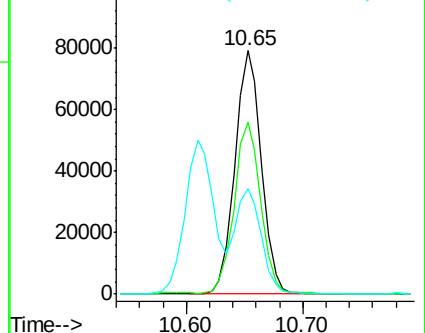
39 41.5 33.0 49.6

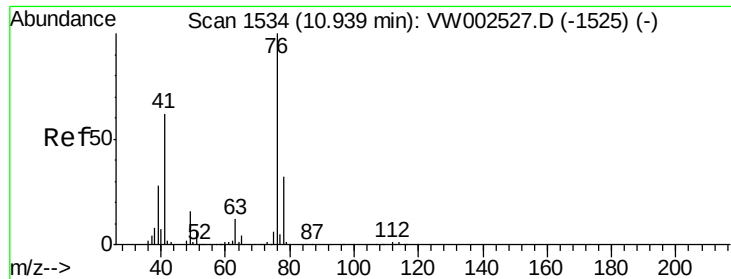


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

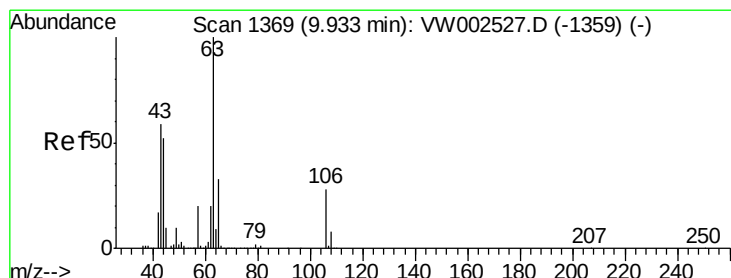
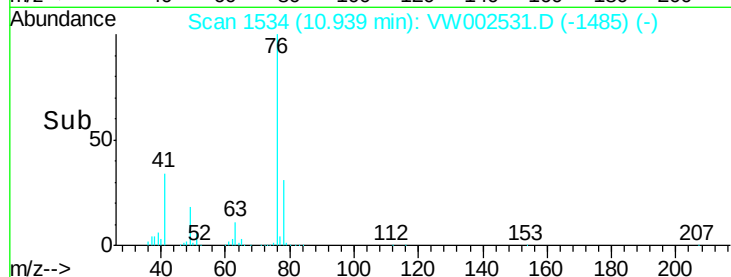
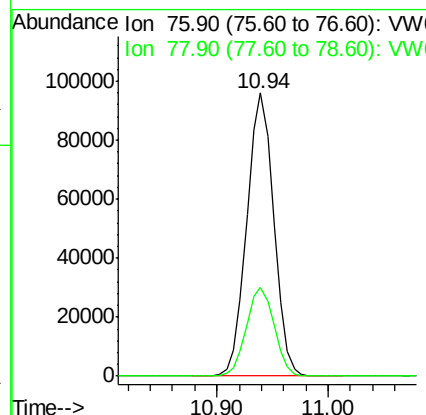
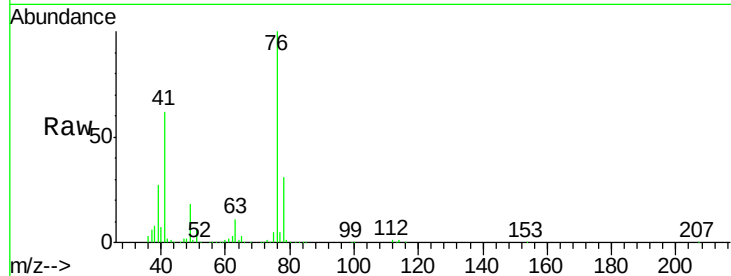




#57
 1,3-Dichloropropane
 Concen: 50.70 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VW002531.D
 Acq: 15 May 2018 00:11

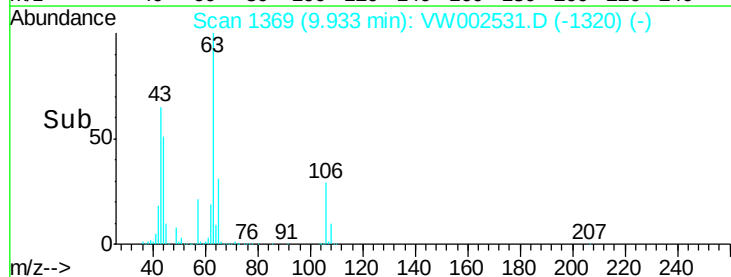
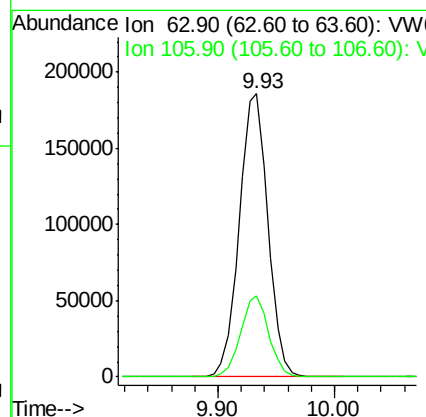
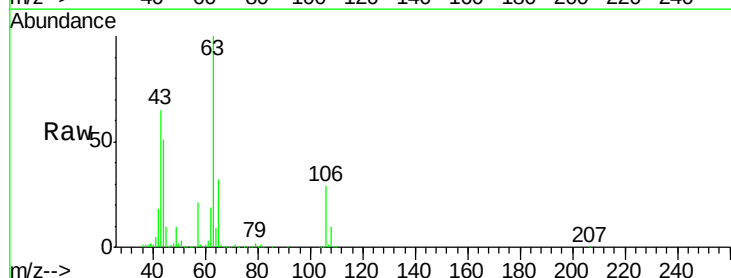
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW051518

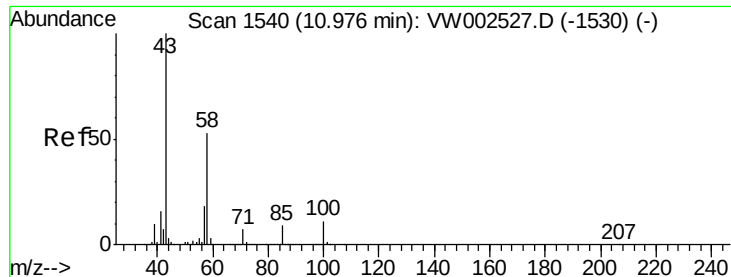
Tgt Ion: 76 Resp: 161497
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 276.70 ug/l
 RT: 9.93 min Scan# 1369
 Delta R.T. -0.00 min
 Lab File: VW002531.D
 Acq: 15 May 2018 00:11

Tgt Ion: 63 Resp: 317916
 Ion Ratio Lower Upper
 63 100
 106 28.2 22.9 34.3

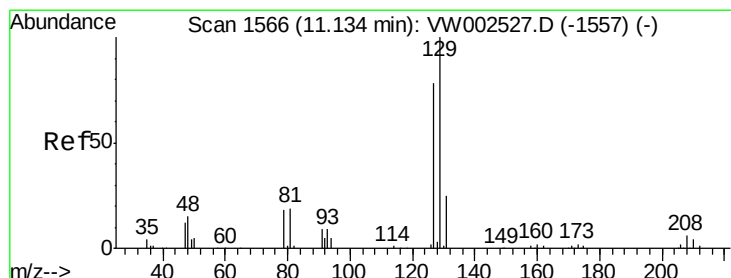
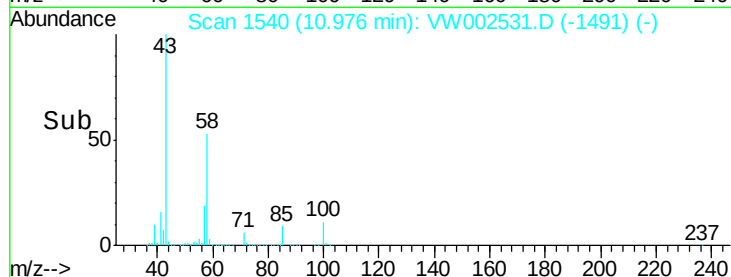
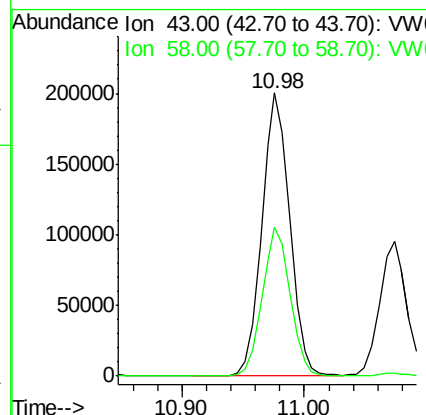
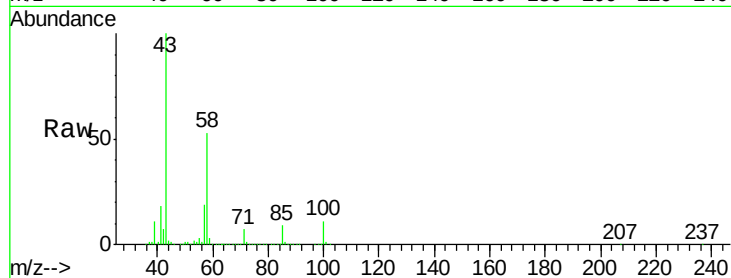




#59
2-Hexanone
Concen: 269.32 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW002531.D
Acq: 15 May 2018 00:11

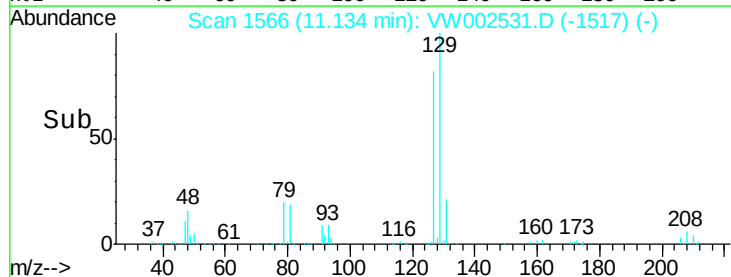
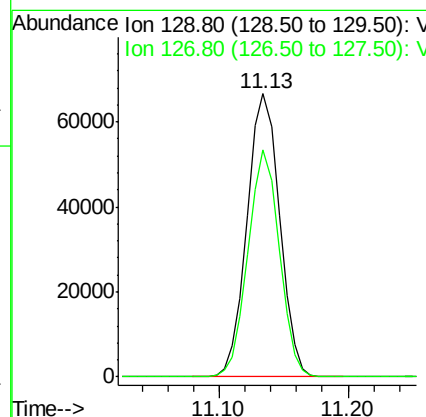
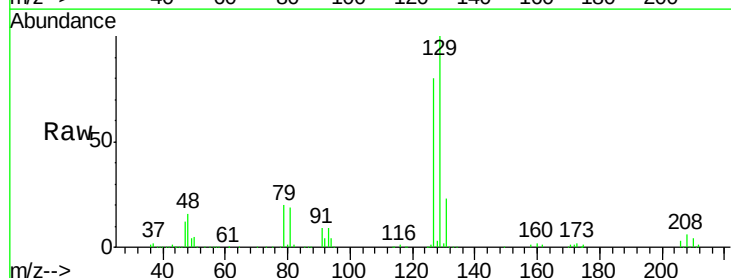
Instrument :
MSVOA_W
ClientSampleId :
ICVW051518

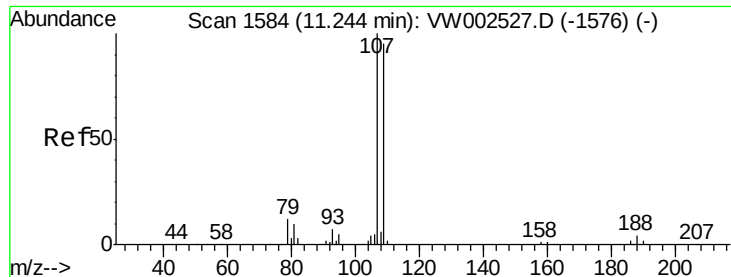
Tgt Ion: 43 Resp: 318850
Ion Ratio Lower Upper
43 100
58 52.7 26.3 78.8



#60
Dibromochloromethane
Concen: 51.33 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VW002531.D
Acq: 15 May 2018 00:11

Tgt Ion: 129 Resp: 116316
Ion Ratio Lower Upper
129 100
127 77.2 38.6 115.7

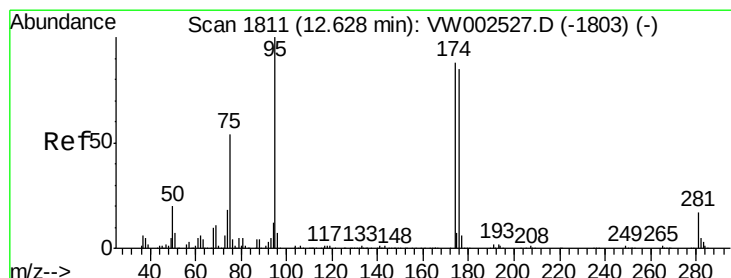
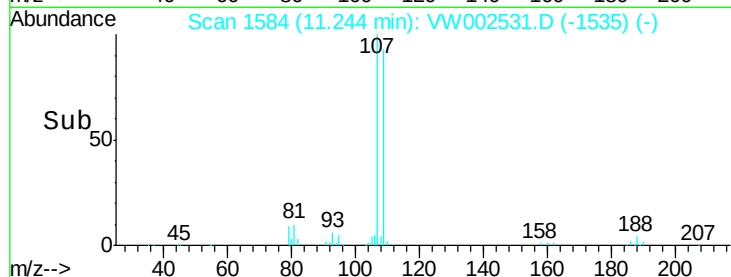
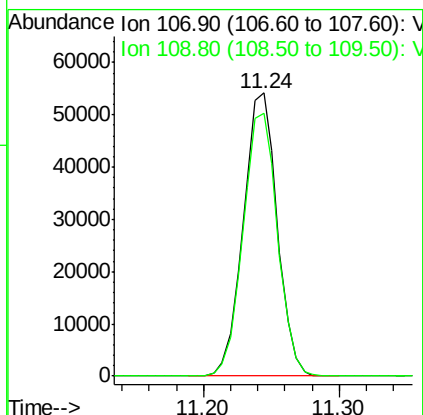
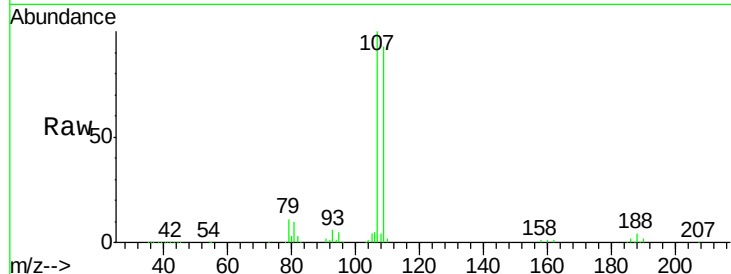




#61
 1,2-Dibromoethane
 Concen: 50.87 ug/l
 RT: 11.24 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VW002531.D
 Acq: 15 May 2018 00:11

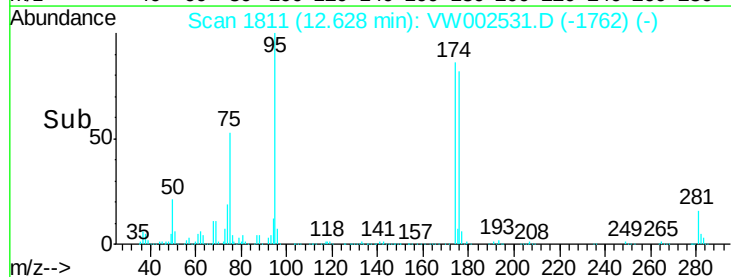
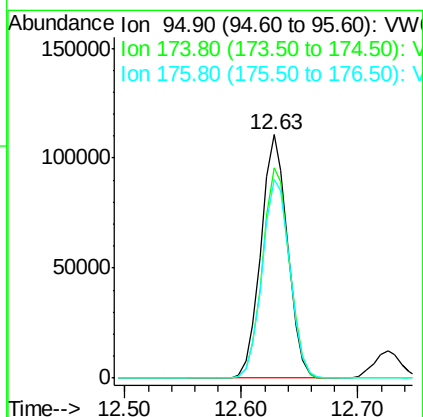
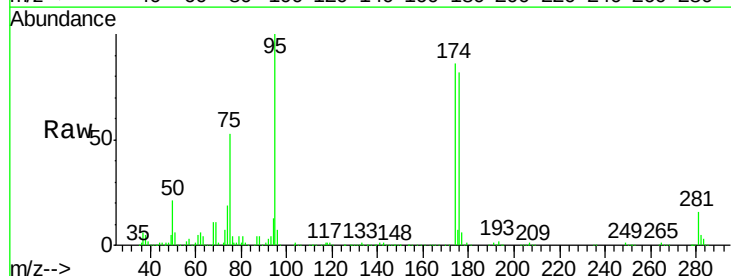
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW051518

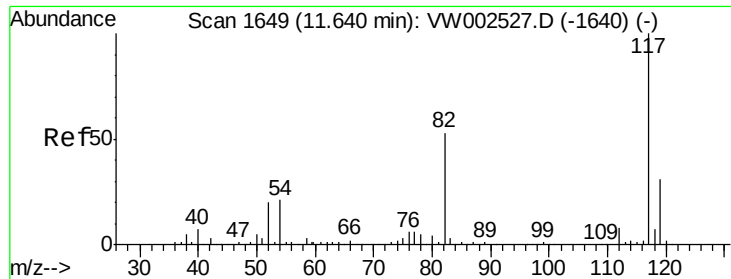
Tgt Ion: 107 Resp: 94290
 Ion Ratio Lower Upper
 107 100
 109 94.8 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 53.31 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW002531.D
 Acq: 15 May 2018 00:11

Tgt Ion: 95 Resp: 174569
 Ion Ratio Lower Upper
 95 100
 174 87.2 0.0 176.6
 176 84.5 0.0 172.2

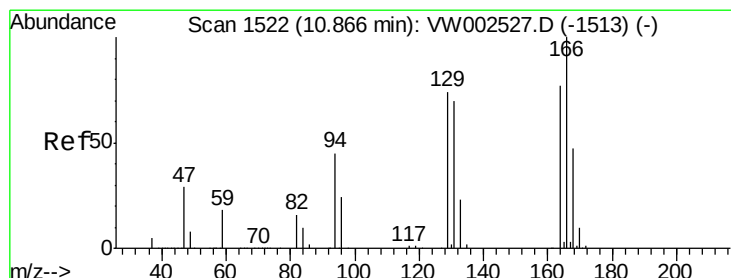
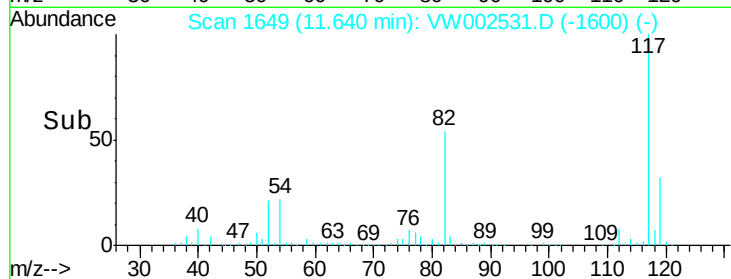
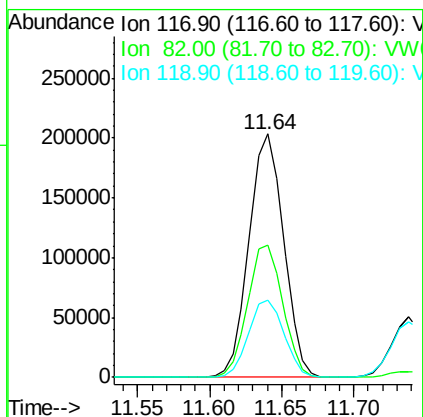
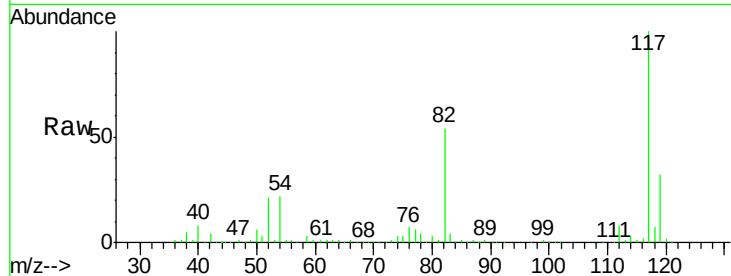




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VW002531.D
Acq: 15 May 2018 00:11

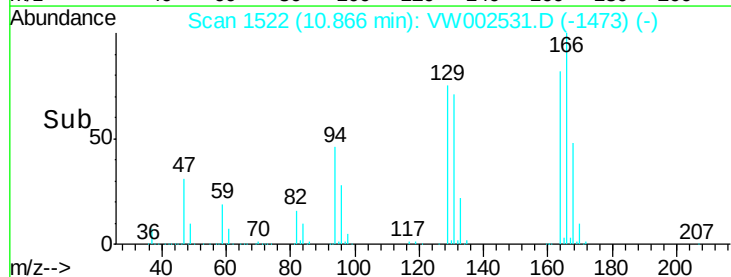
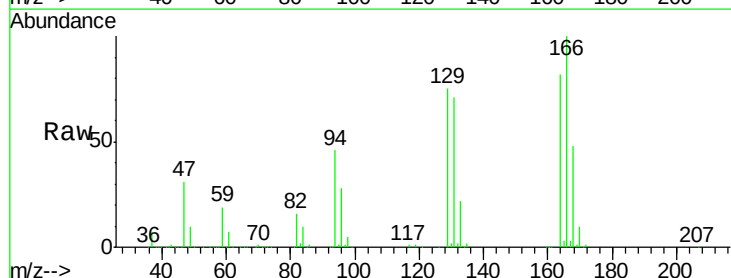
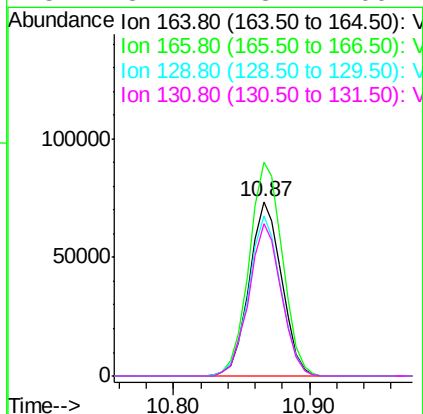
Instrument :
MSVOA_W
ClientSampleId :
ICVW051518

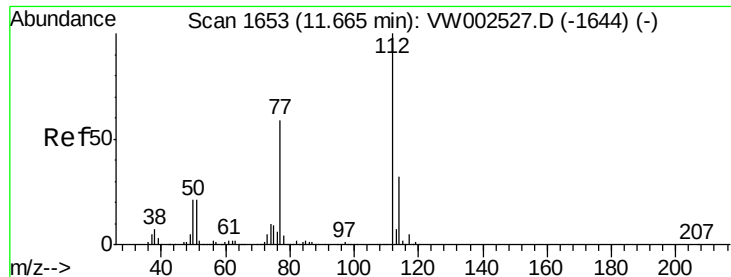
Tgt Ion:117 Resp: 338771
Ion Ratio Lower Upper
117 100
82 54.3 42.6 64.0
119 31.9 25.0 37.6



#64
Tetrachloroethene
Concen: 51.33 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW002531.D
Acq: 15 May 2018 00:11

Tgt Ion:164 Resp: 122579
Ion Ratio Lower Upper
164 100
166 122.7 104.2 156.2
129 92.2 77.0 115.4
131 87.4 73.1 109.7





#65

Chlorobenzene

Concen: 50.27 ug/l

RT: 11.66 min Scan# 1653

Delta R.T. -0.00 min

Lab File: VW002531.D

Acq: 15 May 2018 00:11

Instrument :

MSVOA_W

ClientSampleId :

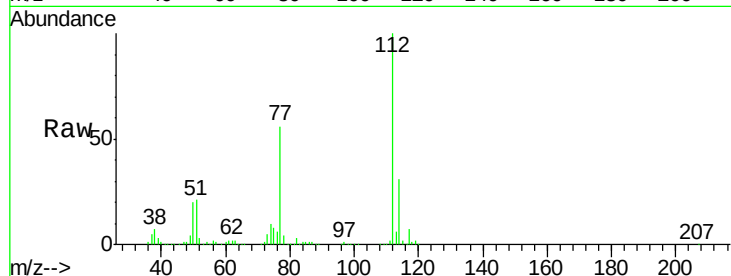
ICVW051518

Tgt Ion:112 Resp: 339204

Ion Ratio Lower Upper

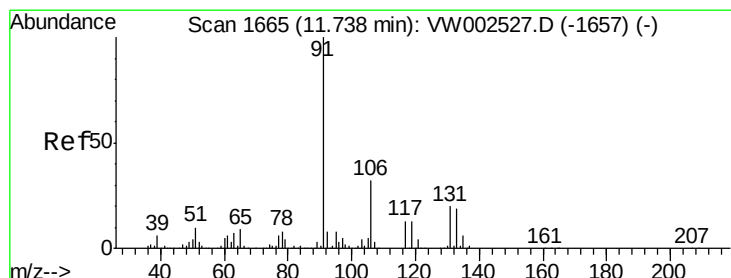
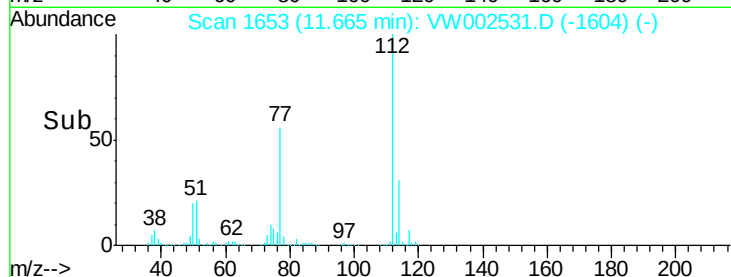
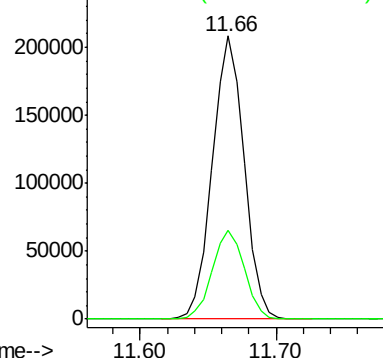
112 100

114 31.4 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 51.09 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VW002531.D

Acq: 15 May 2018 00:11

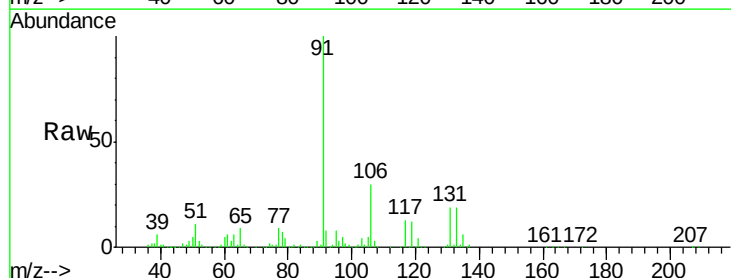
Tgt Ion:131 Resp: 123410

Ion Ratio Lower Upper

131 100

133 96.3 48.4 145.3

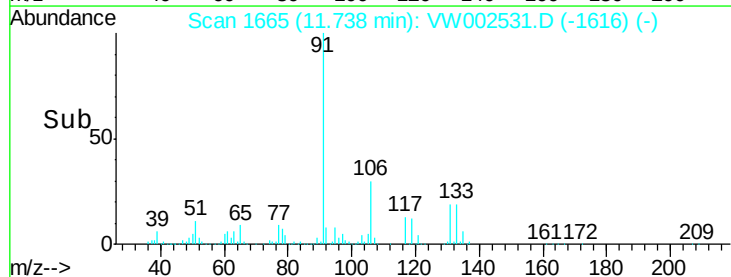
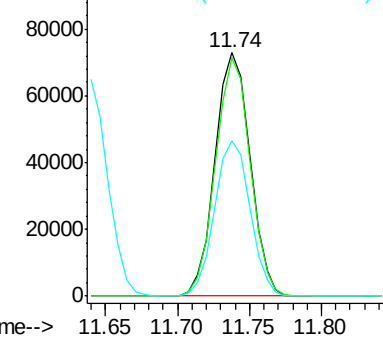
119 64.3 32.2 96.6

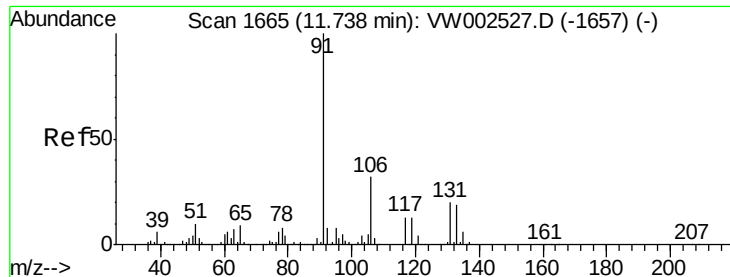


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

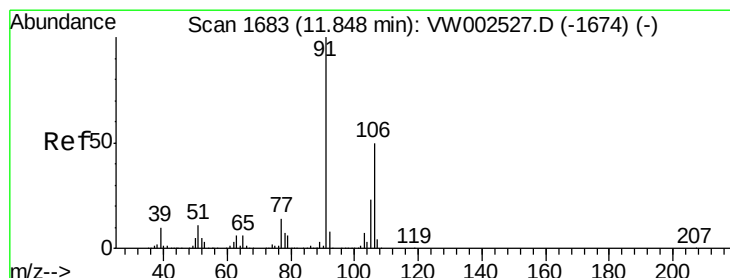
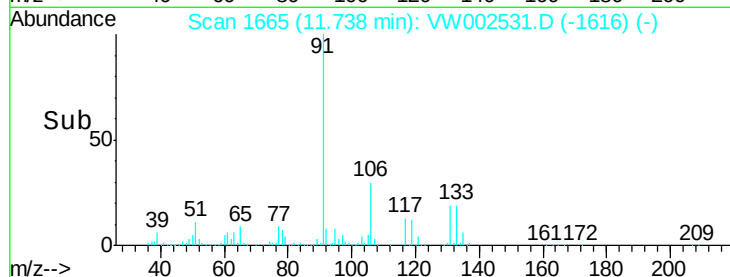
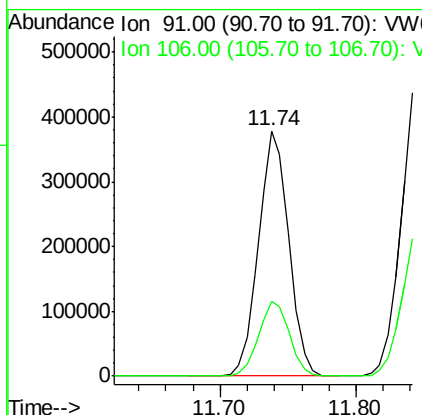
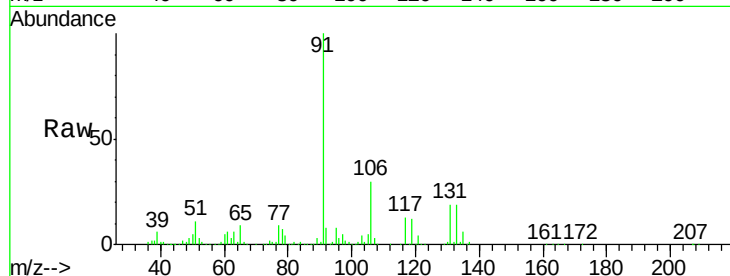




#67
Ethyl Benzene
Concen: 51.57 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW002531.D
Acq: 15 May 2018 00:11

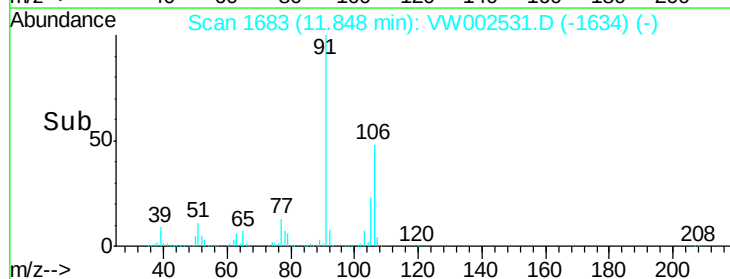
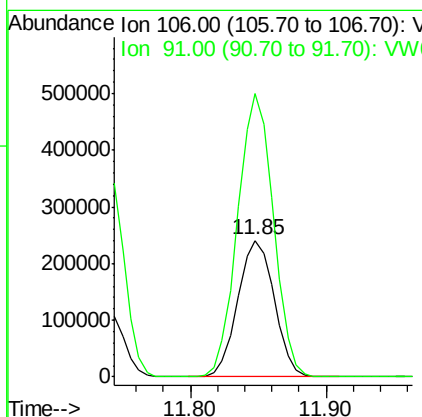
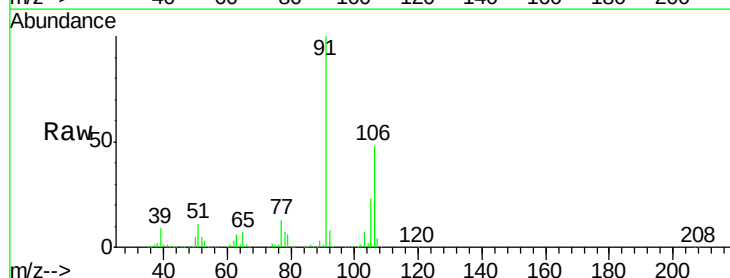
Instrument :
MSVOA_W
ClientSampleId :
ICVW051518

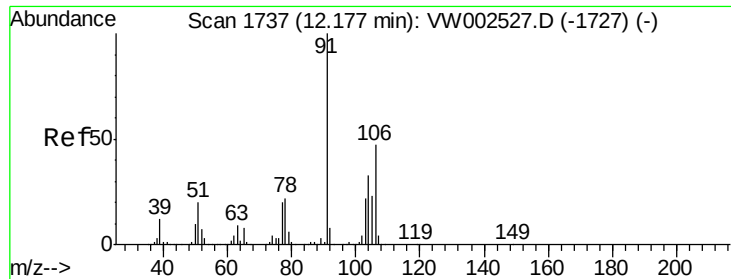
Tgt Ion: 91 Resp: 591331
Ion Ratio Lower Upper
91 100
106 30.4 25.4 38.0



#68
m/p-Xylenes
Concen: 101.06 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW002531.D
Acq: 15 May 2018 00:11

Tgt Ion: 106 Resp: 450558
Ion Ratio Lower Upper
106 100
91 203.4 161.4 242.2

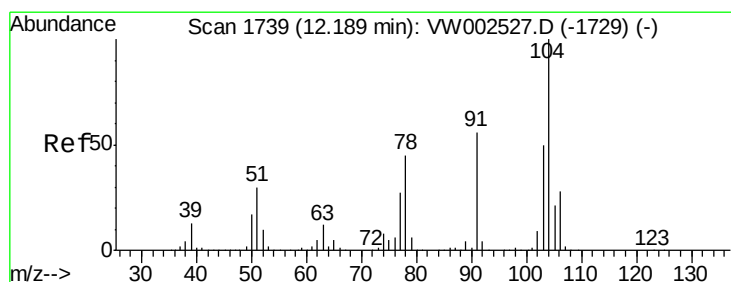
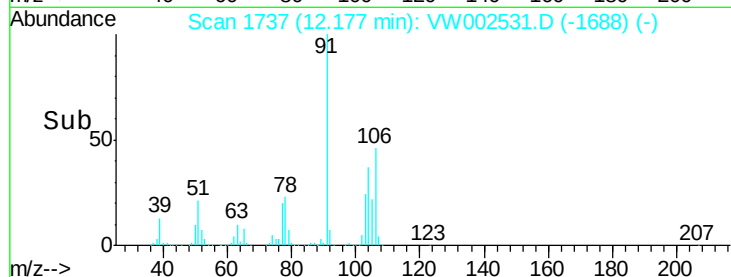
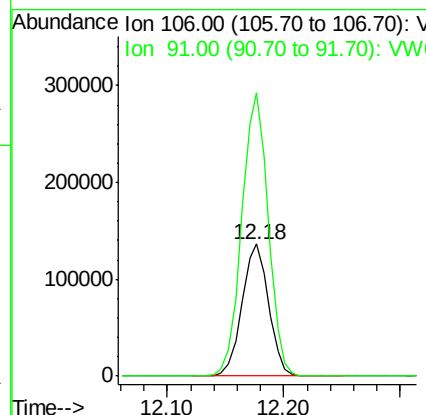
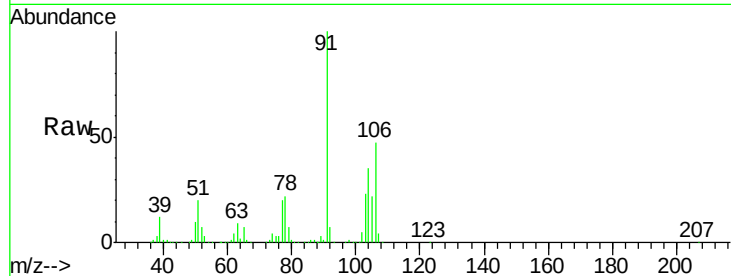




#69
o-Xylene
Concen: 51.15 ug/l
RT: 12.18 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VW002531.D
Acq: 15 May 2018 00:11

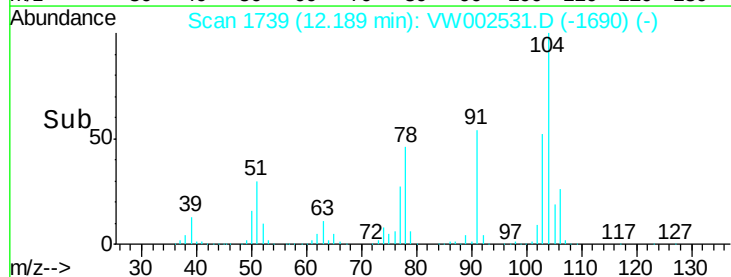
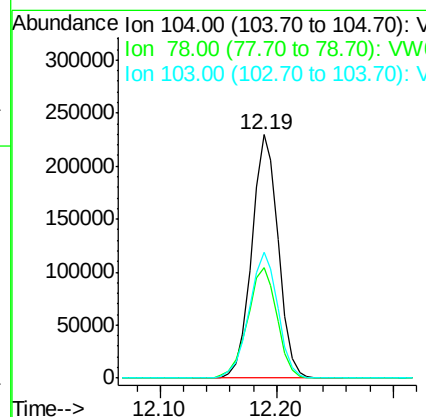
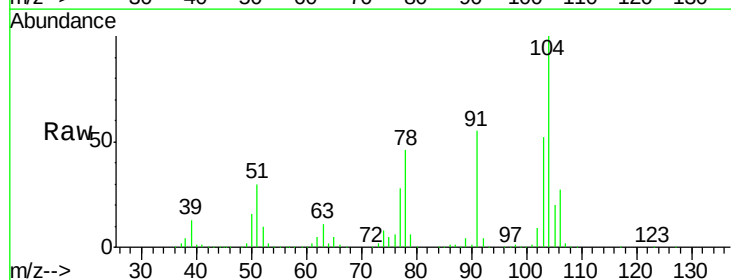
Instrument :
MSVOA_W
ClientSampleId :
ICVW051518

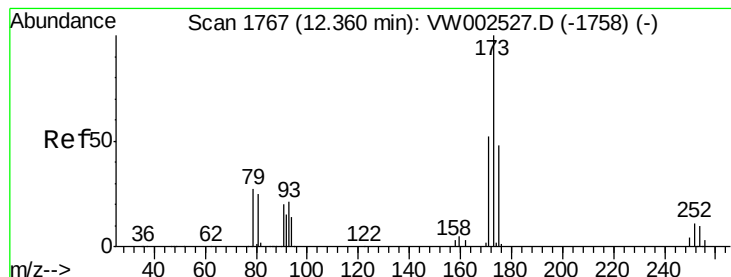
Tgt Ion:106 Resp: 216680
Ion Ratio Lower Upper
106 100
91 213.6 106.7 320.2



#70
Styrene
Concen: 51.49 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW002531.D
Acq: 15 May 2018 00:11

Tgt Ion:104 Resp: 363062
Ion Ratio Lower Upper
104 100
78 50.4 40.1 60.1
103 56.0 44.6 66.8





#71

Bromoform

Concen: 53.11 ug/l

RT: 12.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VW002531.D

Acq: 15 May 2018 00:11

Instrument :

MSVOA_W

ClientSampleId :

ICVW051518

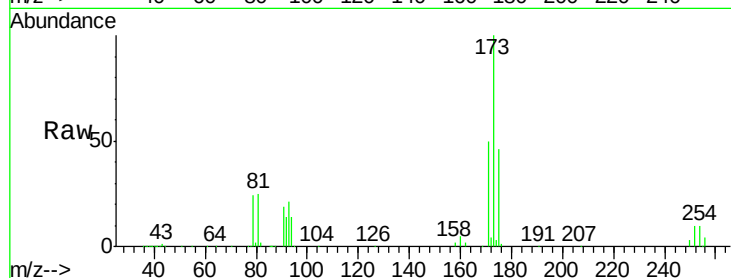
Tgt Ion:173 Resp: 75374

Ion Ratio Lower Upper

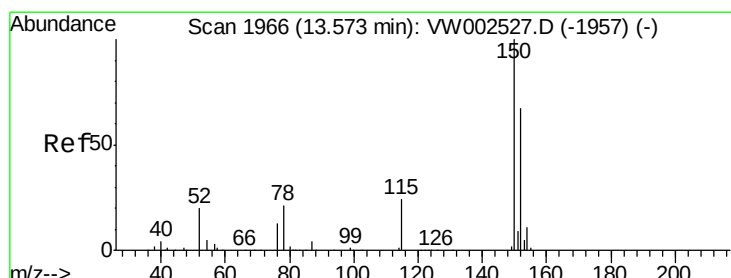
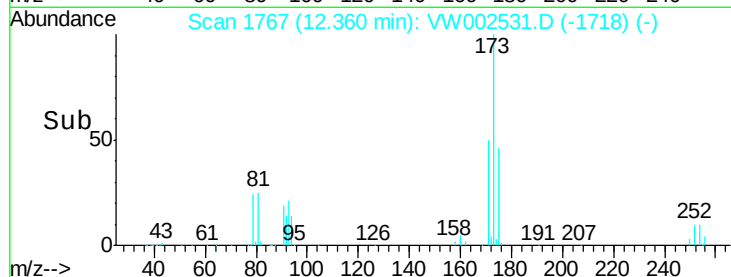
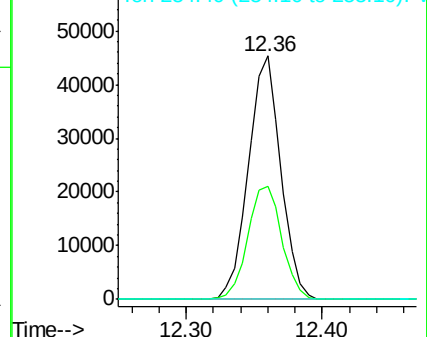
173 100

175 49.1 24.5 73.5

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: 50.00 ug/l

RT: 13.57 min Scan# 1966

Delta R.T. 0.00 min

Lab File: VW002531.D

Acq: 15 May 2018 00:11

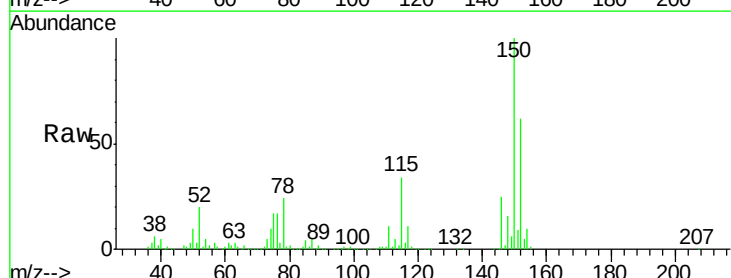
Tgt Ion:152 Resp: 186047

Ion Ratio Lower Upper

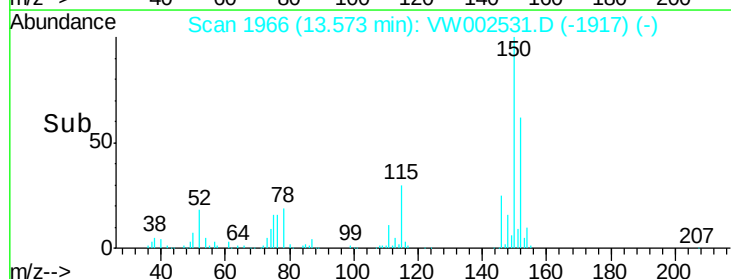
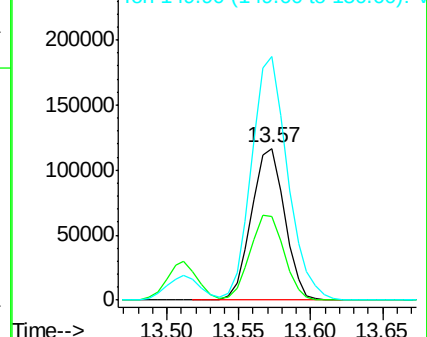
152 100

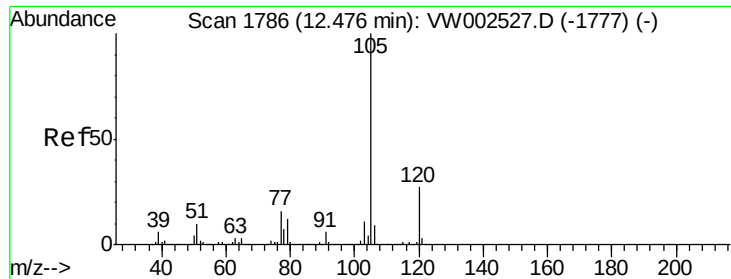
115 57.4 28.0 84.0

150 173.7 0.0 345.4



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: 51.55 ug/l

RT: 12.48 min Scan# 1786

Delta R.T. 0.00 min

Lab File: VW002531.D

Acq: 15 May 2018 00:11

Instrument :

MSVOA_W

ClientSampleId :

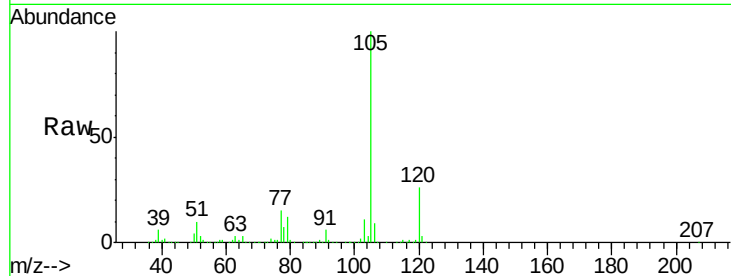
ICVW051518

Tgt Ion:105 Resp: 591205

Ion Ratio Lower Upper

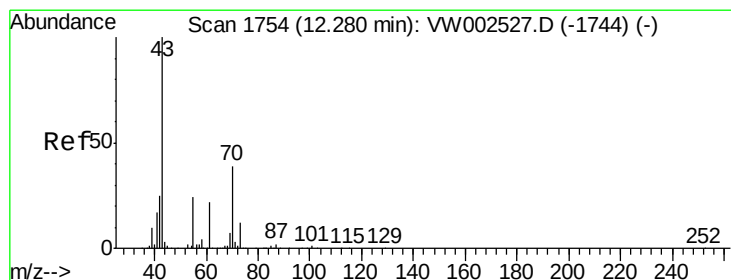
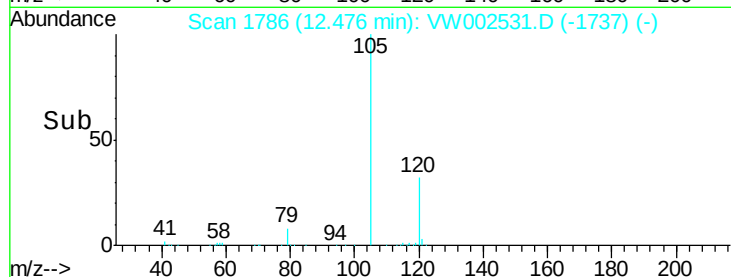
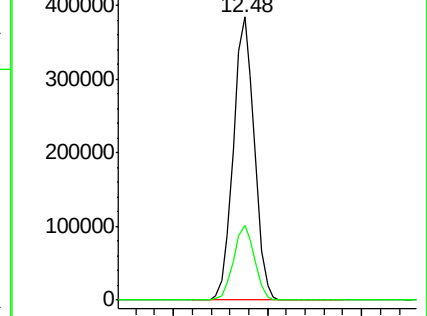
105 100

120 26.5 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 55.96 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VW002531.D

Acq: 15 May 2018 00:11

Tgt Ion: 43 Resp: 163495

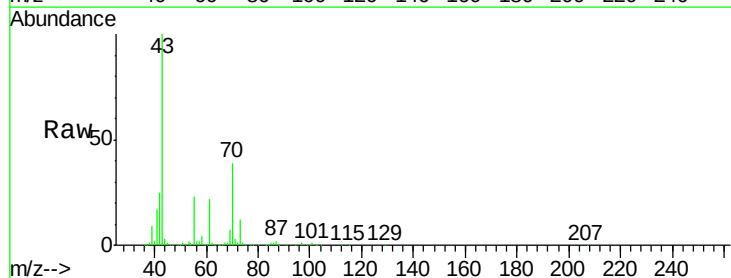
Ion Ratio Lower Upper

43 100

70 40.6 31.9 47.9

55 23.8 19.4 29.0

61 23.6 18.3 27.5

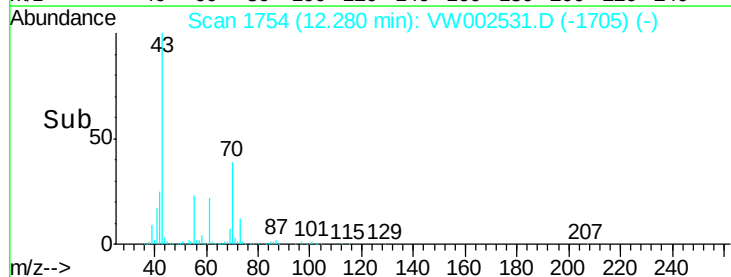
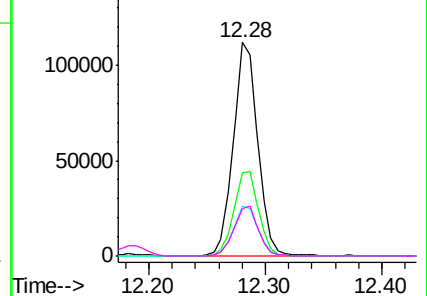


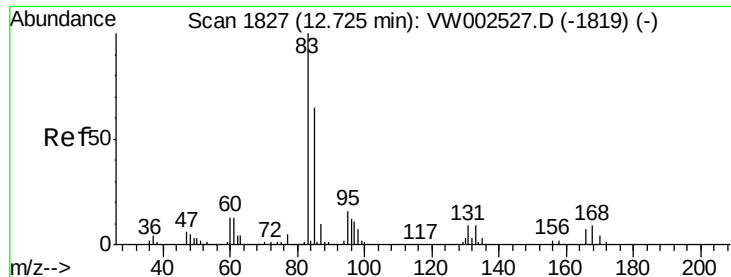
Abundance Ion 43.00 (42.70 to 43.70): VW

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





#75

1,1,2,2-Tetrachloroethane

Concen: 52.43 ug/l

RT: 12.73 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VW002531.D

Acq: 15 May 2018 00:11

Instrument :

MSVOA_W

ClientSampleId :

ICVW051518

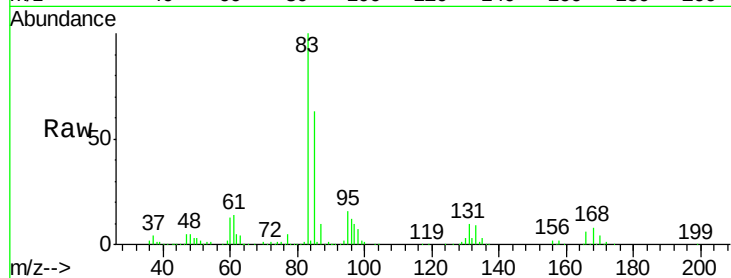
Tgt Ion: 83 Resp: 121837

Ion Ratio Lower Upper

83 100

131 10.8 5.4 16.2

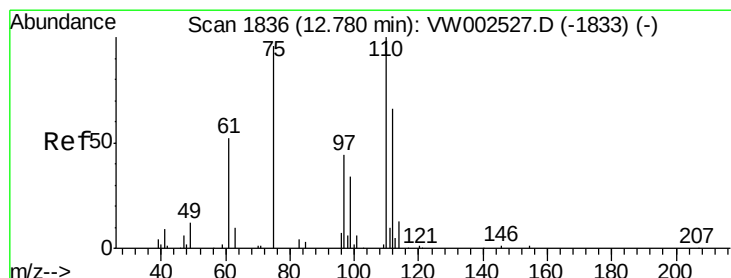
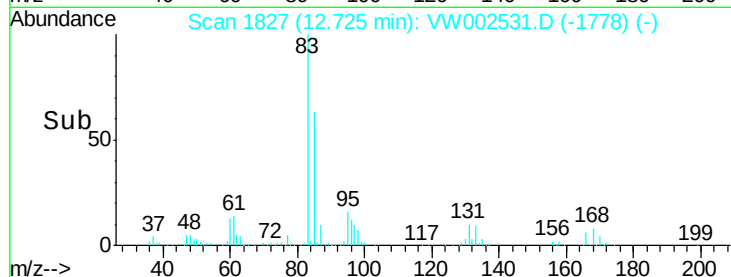
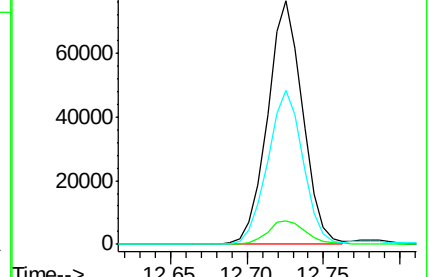
85 63.8 31.6 94.8



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 90.40 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. -0.01 min

Lab File: VW002531.D

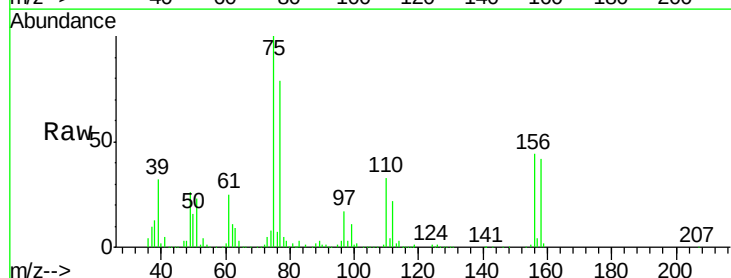
Acq: 15 May 2018 00:11

Tgt Ion: 75 Resp: 158978

Ion Ratio Lower Upper

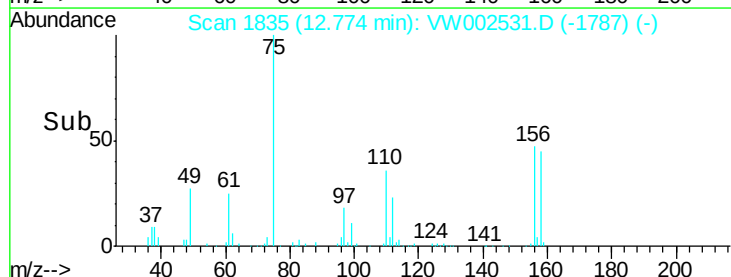
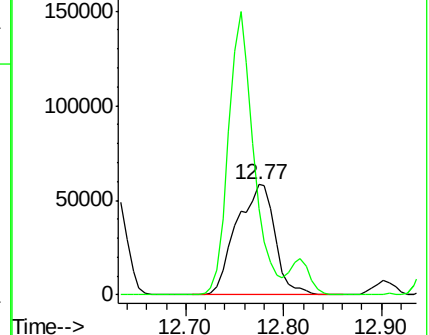
75 100

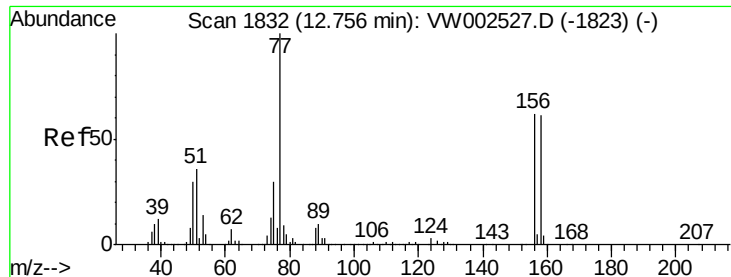
77 169.6 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 50.74 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VW002531.D

Acq: 15 May 2018 00:11

Instrument :

MSVOA_W

ClientSampleId :

ICVW051518

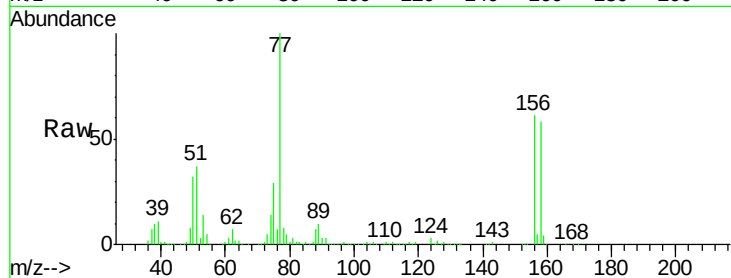
Tgt Ion:156 Resp: 148462

Ion Ratio Lower Upper

156 100

77 181.6 89.8 269.4

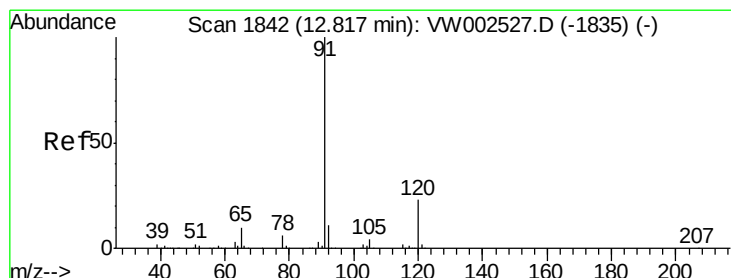
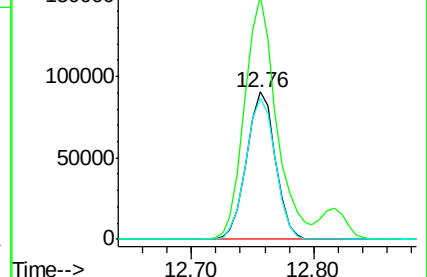
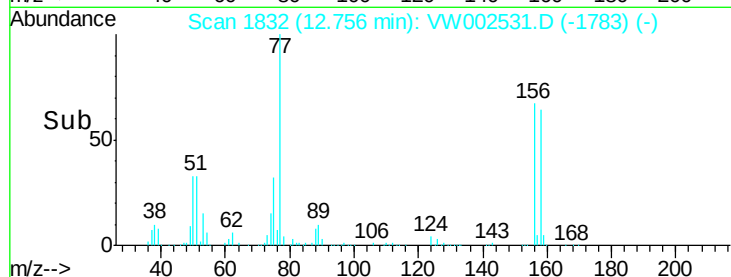
158 97.2 48.8 146.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.09 ug/l

RT: 12.82 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VW002531.D

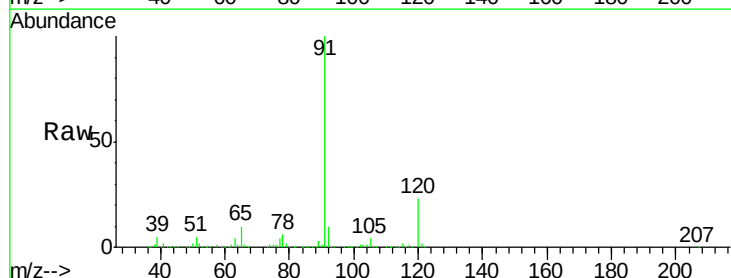
Acq: 15 May 2018 00:11

Tgt Ion: 91 Resp: 721494

Ion Ratio Lower Upper

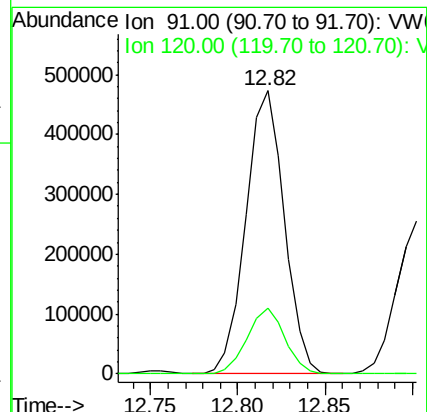
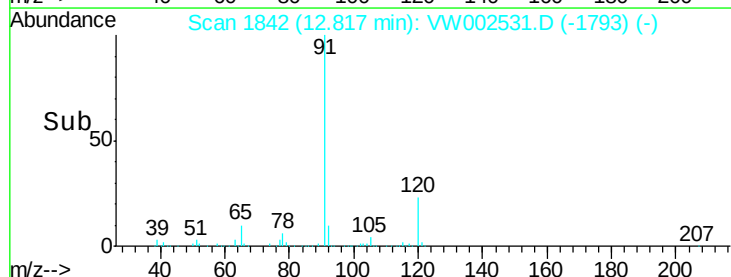
91 100

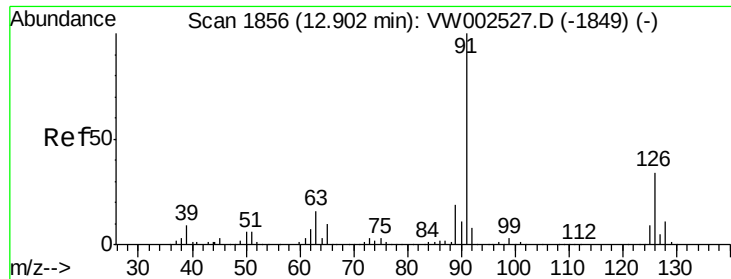
120 22.7 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

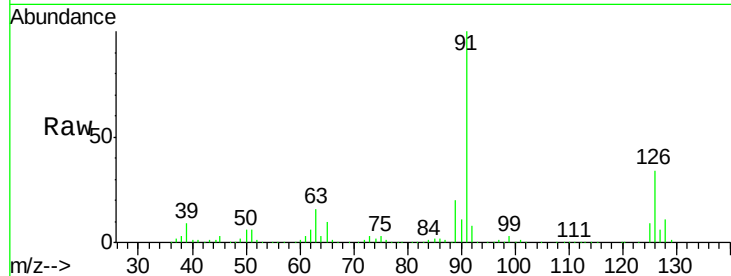




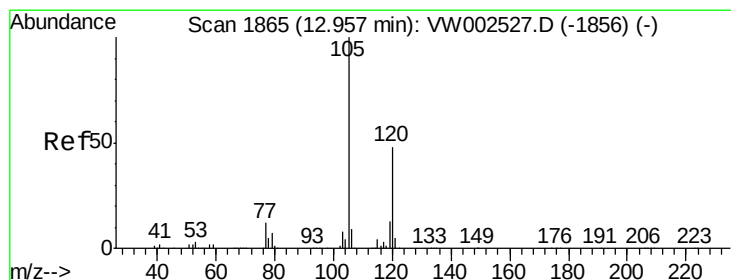
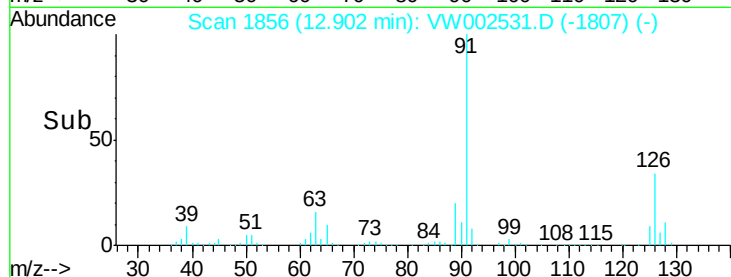
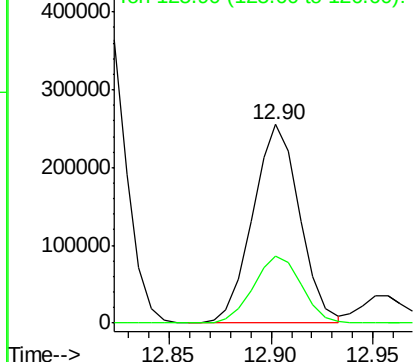
#79
 2-Chlorotoluene
 Concen: 51.94 ug/l
 RT: 12.90 min Scan# 1856
 Delta R.T. -0.00 min
 Lab File: VW002531.D
 Acq: 15 May 2018 00:11

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW051518

Tgt Ion: 91 Resp: 408522
 Ion Ratio Lower Upper
 91 100
 126 34.6 17.6 52.8

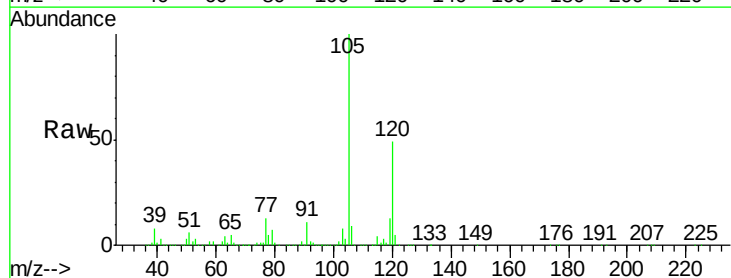


Abundance Ion 91.00 (90.70 to 91.70): VW
 Ion 125.90 (125.60 to 126.60): V

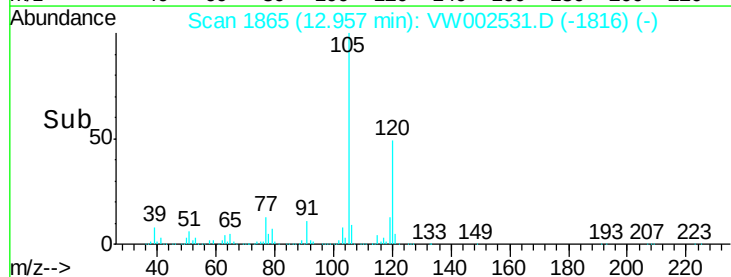
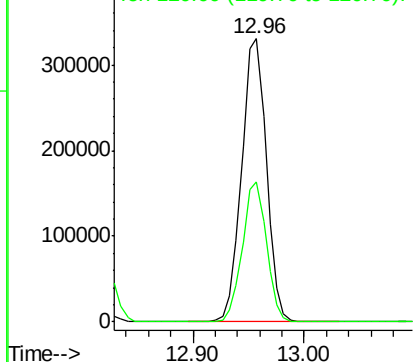


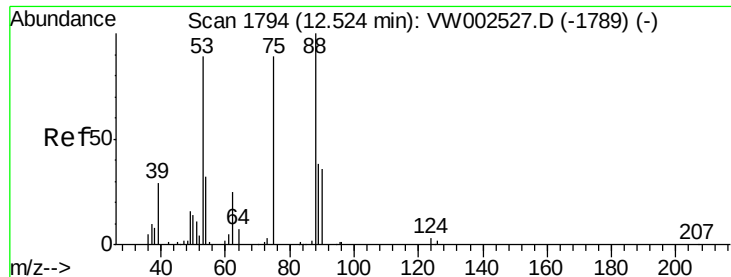
#80
 1,3,5-Trimethylbenzene
 Concen: 52.05 ug/l
 RT: 12.96 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VW002531.D
 Acq: 15 May 2018 00:11

Tgt Ion: 105 Resp: 509446
 Ion Ratio Lower Upper
 105 100
 120 48.5 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 53.86 ug/l

RT: 12.52 min Scan# 1794

Delta R.T. -0.00 min

Lab File: VW002531.D

Acq: 15 May 2018 00:11

Instrument :

MSVOA_W

ClientSampleId :

ICVW051518

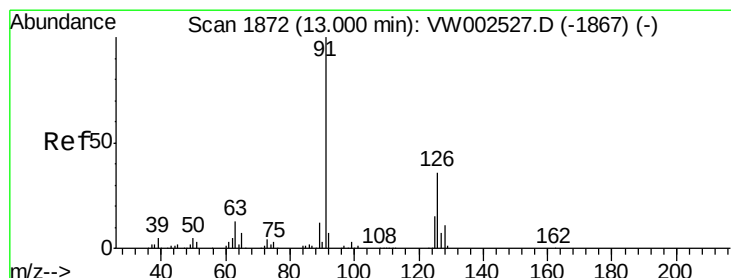
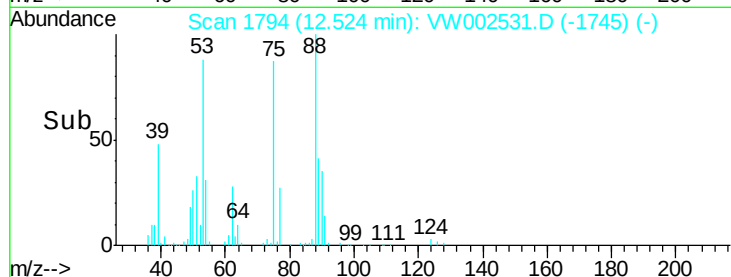
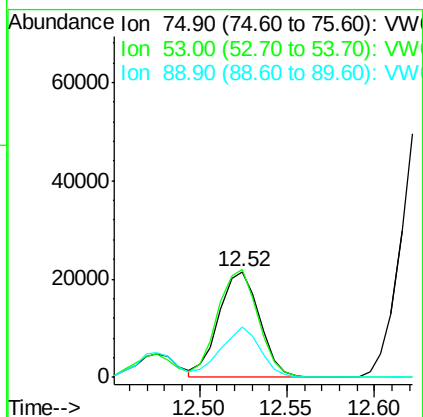
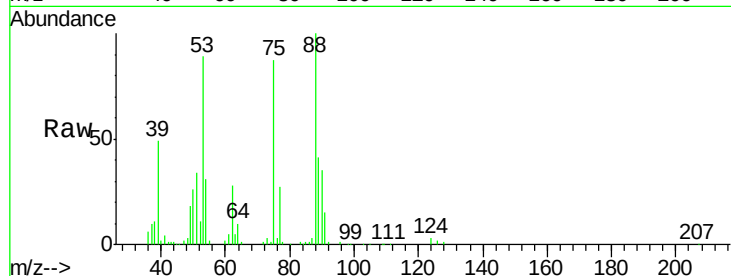
Tgt Ion: 75 Resp: 34742

Ion Ratio Lower Upper

75 100

53 103.0 82.6 124.0

89 46.6 39.2 58.8



#82

4-Chlorotoluene

Concen: 51.71 ug/l

RT: 13.00 min Scan# 1872

Delta R.T. -0.00 min

Lab File: VW002531.D

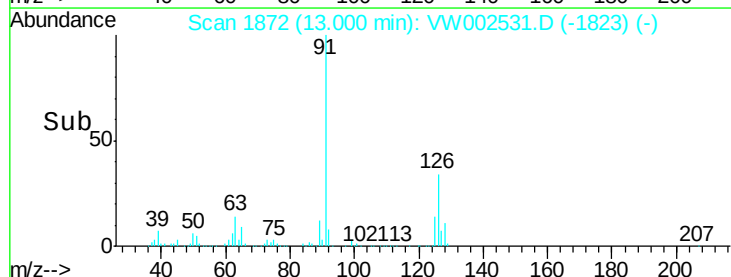
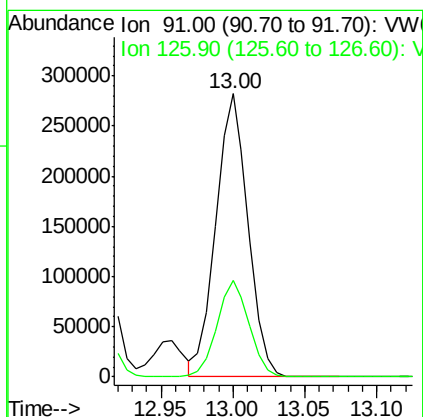
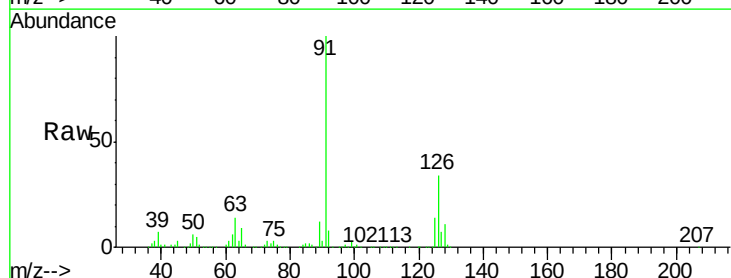
Acq: 15 May 2018 00:11

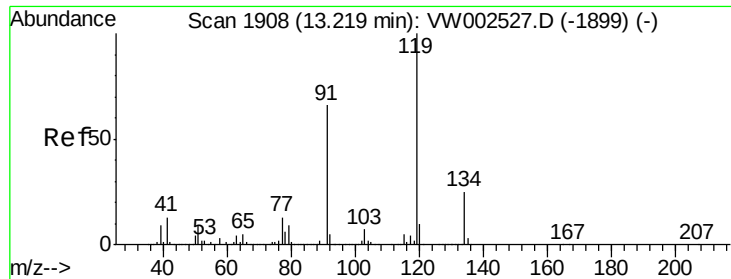
Tgt Ion: 91 Resp: 439760

Ion Ratio Lower Upper

91 100

126 33.9 17.5 52.5

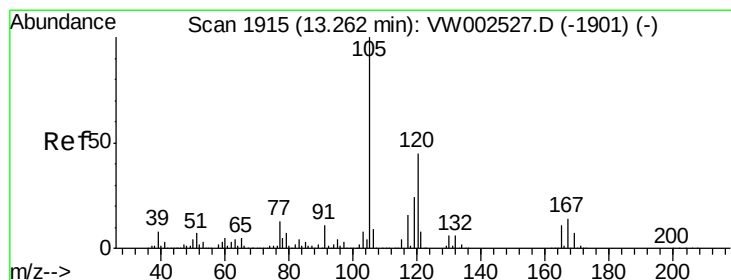
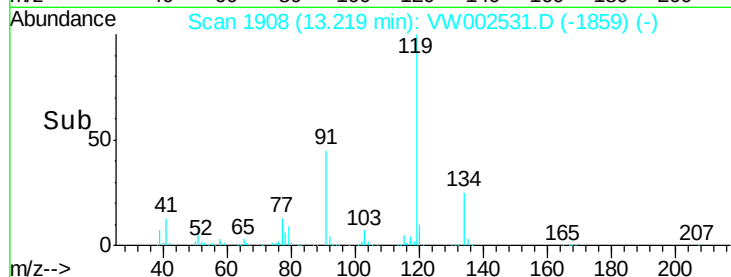
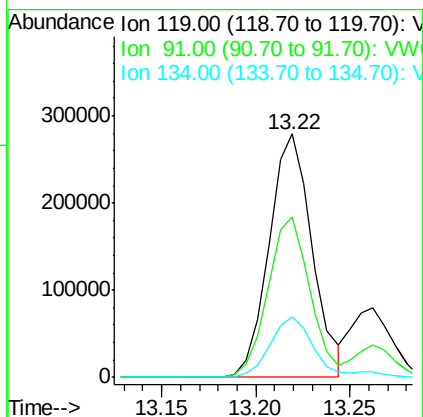
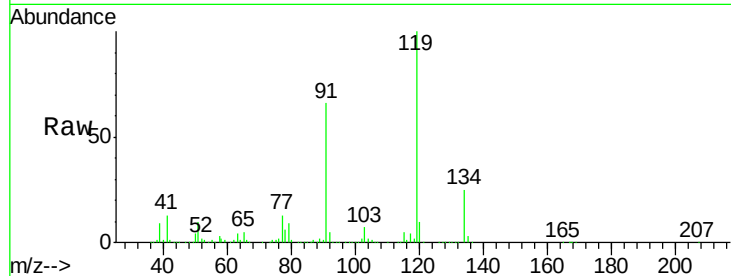




#83
 tert-Butylbenzene
 Concen: 52.30 ug/l
 RT: 13.22 min Scan# 1908
 Delta R.T. 0.00 min
 Lab File: VW002531.D
 Acq: 15 May 2018 00:11

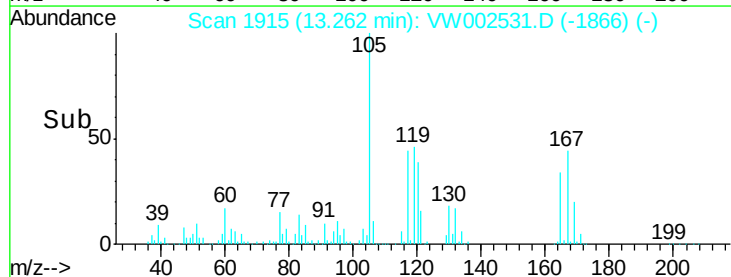
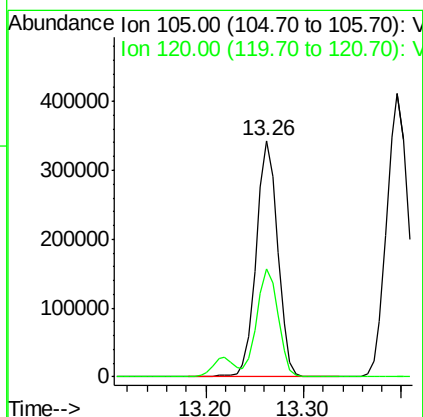
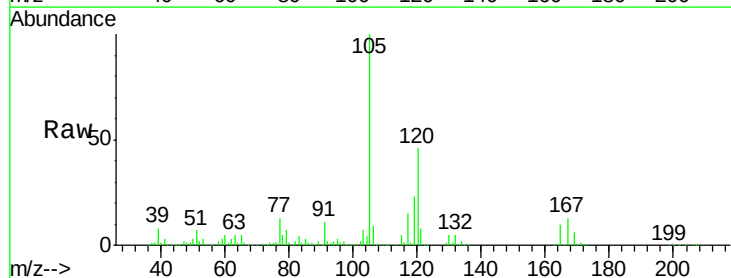
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVW051518

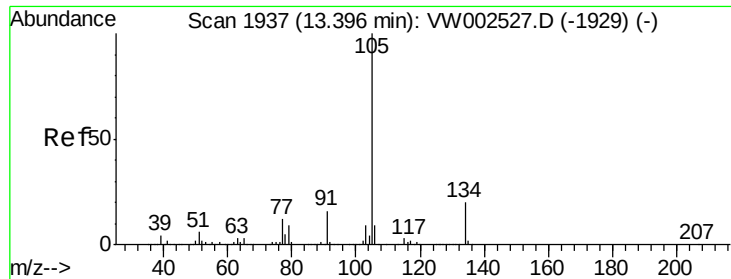
Tgt Ion:119 Resp: 442070
 Ion Ratio Lower Upper
 119 100
 91 64.5 32.5 97.5
 134 24.3 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 51.80 ug/l
 RT: 13.26 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW002531.D
 Acq: 15 May 2018 00:11

Tgt Ion:105 Resp: 526233
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.3 66.9





#85

sec-Butylbenzene

Concen: 51.83 ug/l

RT: 13.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VW002531.D

Acq: 15 May 2018 00:11

Instrument :

MSVOA_W

ClientSampleId :

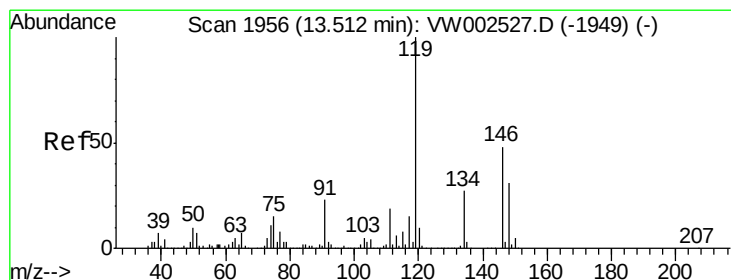
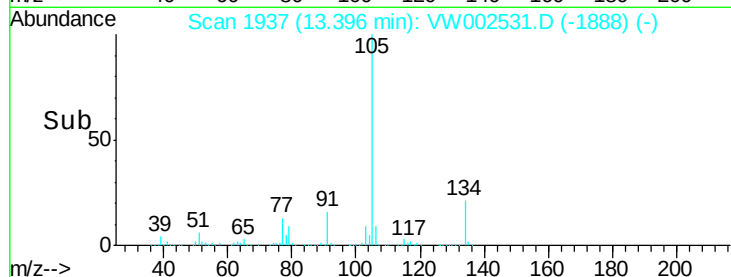
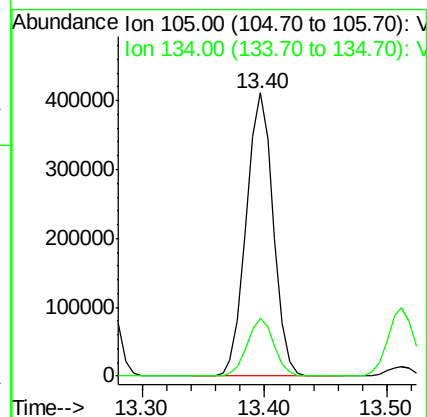
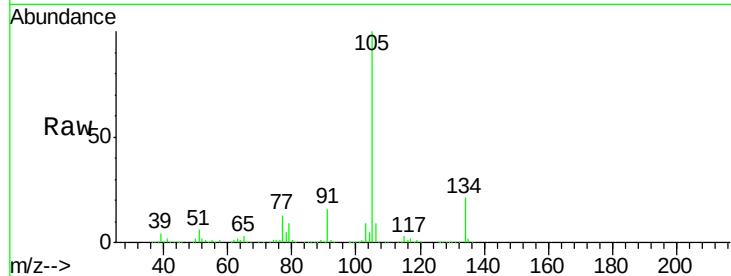
ICVW051518

Tgt Ion:105 Resp: 629378

Ion Ratio Lower Upper

105 100

134 20.3 10.1 30.3



#86

p-Isopropyltoluene

Concen: 52.32 ug/l

RT: 13.51 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW002531.D

Acq: 15 May 2018 00:11

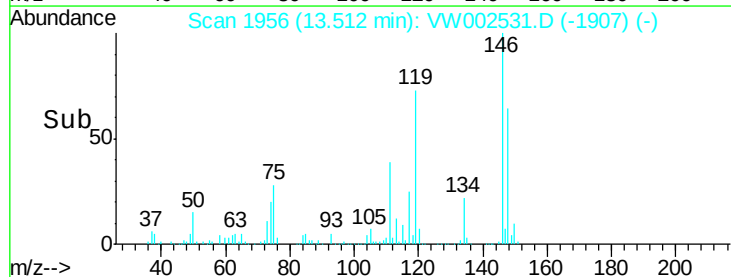
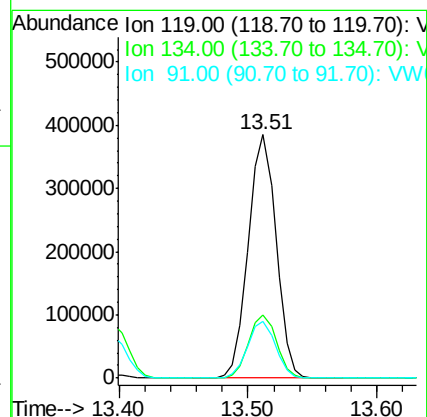
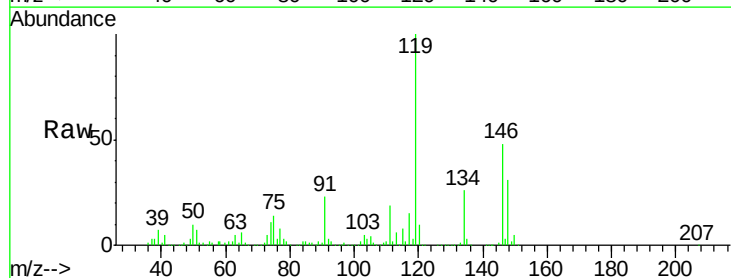
Tgt Ion:119 Resp: 571471

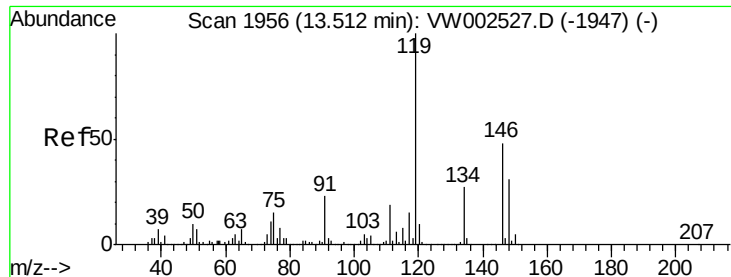
Ion Ratio Lower Upper

119 100

134 26.2 13.4 40.1

91 23.5 11.6 34.8

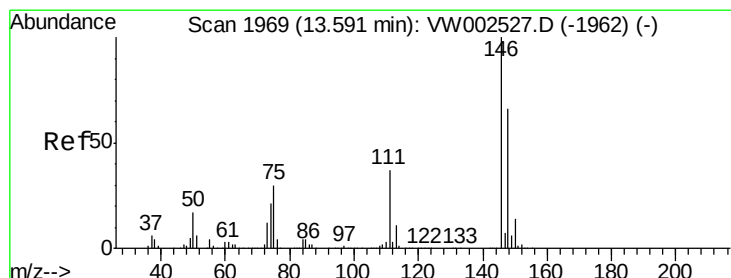
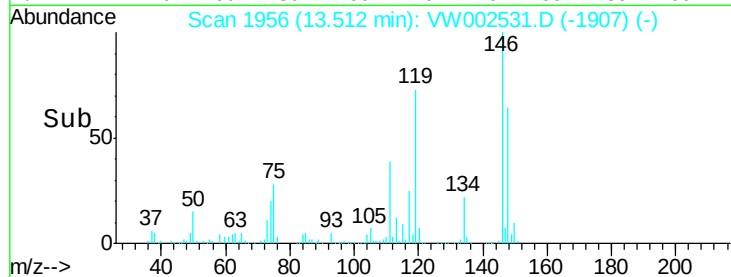
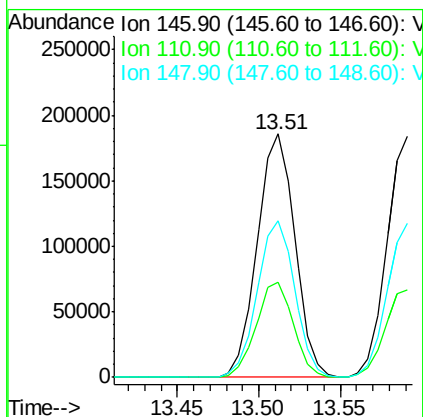
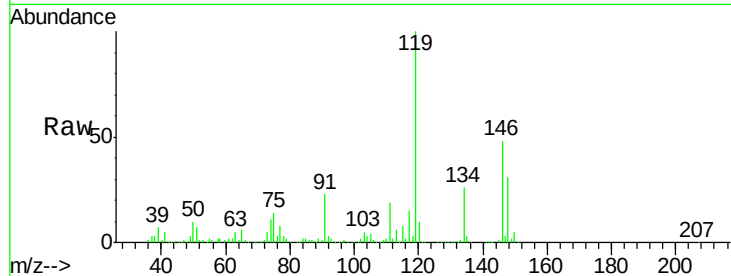




#87
 1,3-Dichlorobenzene
 Concen: 50.48 ug/l
 RT: 13.51 min Scan# 1956
 Delta R.T. 0.00 min
 Lab File: VW002531.D
 Acq: 15 May 2018 00:11

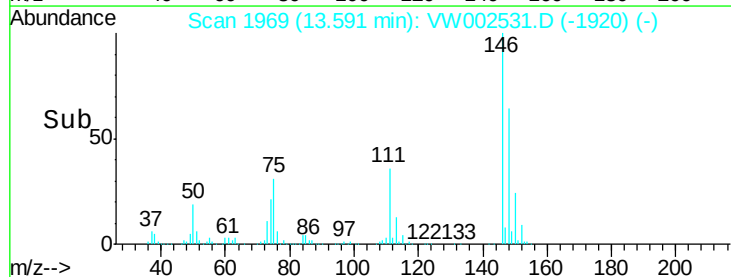
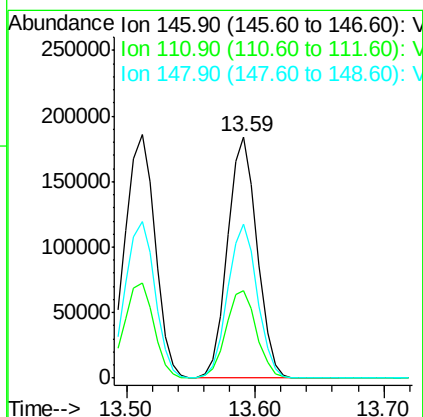
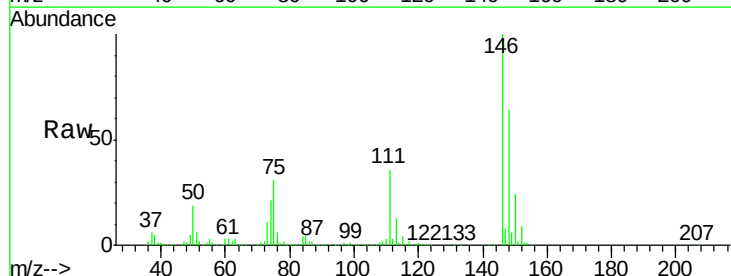
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW051518

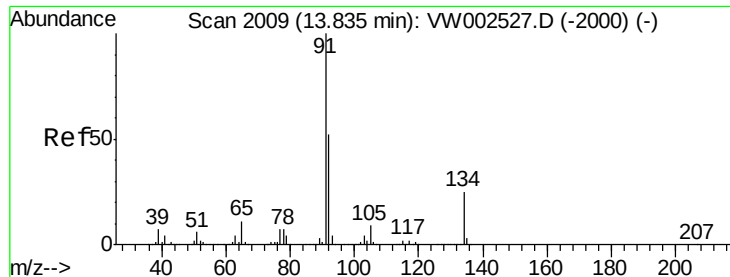
Tgt Ion:146 Resp: 298754
 Ion Ratio Lower Upper
 146 100
 111 38.6 19.6 58.7
 148 63.8 32.3 96.8



#88
 1,4-Dichlorobenzene
 Concen: 50.10 ug/l
 RT: 13.59 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: VW002531.D
 Acq: 15 May 2018 00:11

Tgt Ion:146 Resp: 295010
 Ion Ratio Lower Upper
 146 100
 111 37.8 18.9 56.5
 148 64.1 32.4 97.0





#89

n-Butylbenzene

Concen: 52.11 ug/l

RT: 13.84 min Scan# 2009

Delta R.T. -0.00 min

Lab File: VW002531.D

Acq: 15 May 2018 00:11

Instrument :

MSVOA_W

ClientSampleId :

ICVW051518

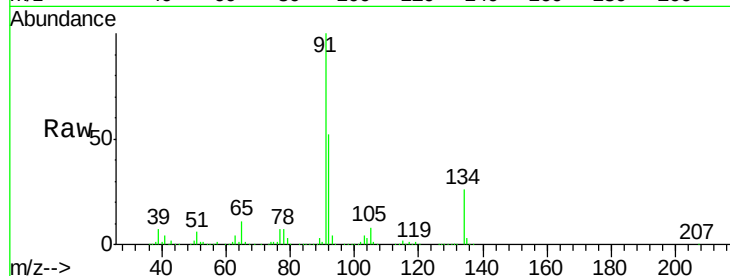
Tgt Ion: 91 Resp: 538353

Ion Ratio Lower Upper

91 100

92 51.9 26.1 78.2

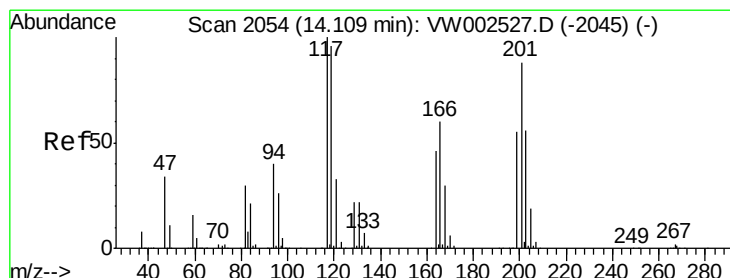
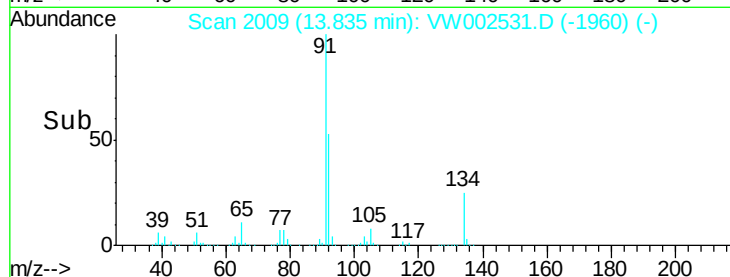
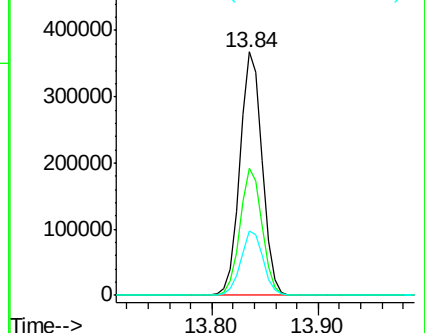
134 26.4 13.1 39.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 52.20 ug/l

RT: 14.11 min Scan# 2054

Delta R.T. -0.00 min

Lab File: VW002531.D

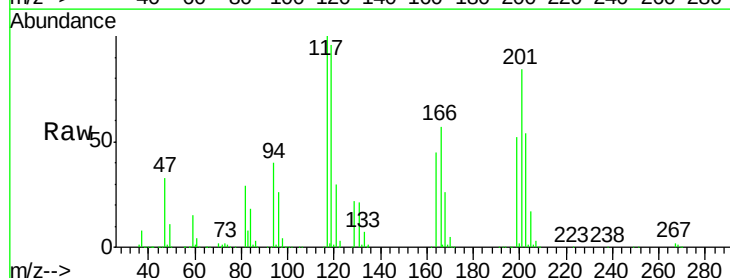
Acq: 15 May 2018 00:11

Tgt Ion: 117 Resp: 102118

Ion Ratio Lower Upper

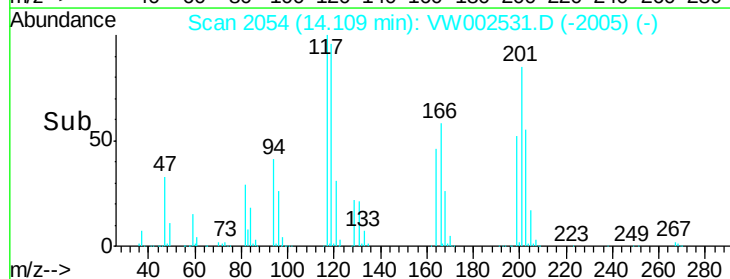
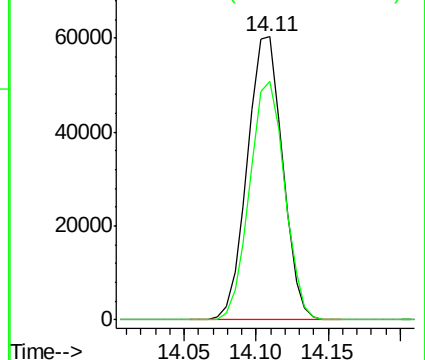
117 100

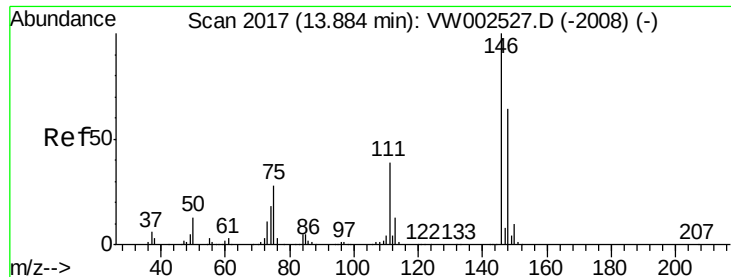
201 83.7 42.0 126.0



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

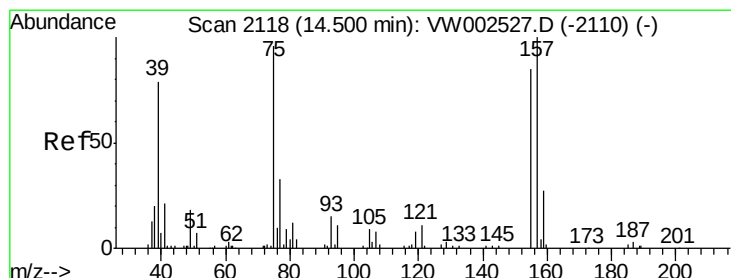
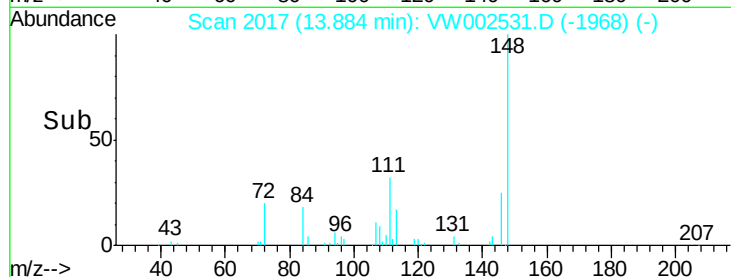
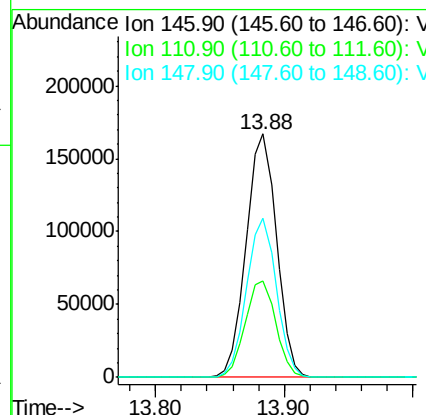
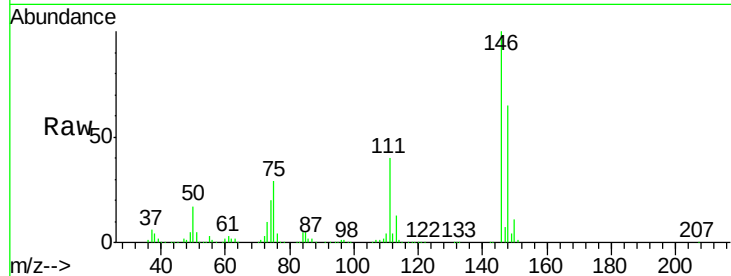




#91
 1,2-Dichlorobenzene
 Concen: 50.75 ug/l
 RT: 13.88 min Scan# 2017
 Delta R.T. 0.00 min
 Lab File: VW002531.D
 Acq: 15 May 2018 00:11

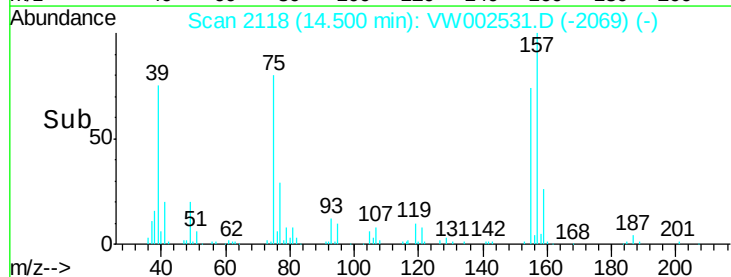
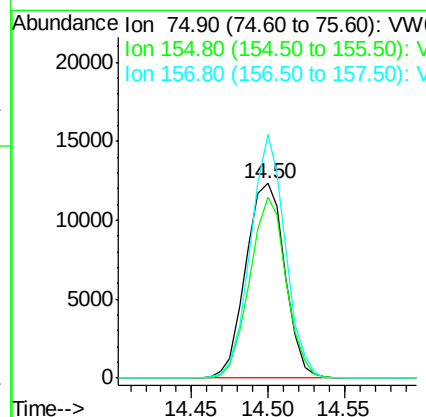
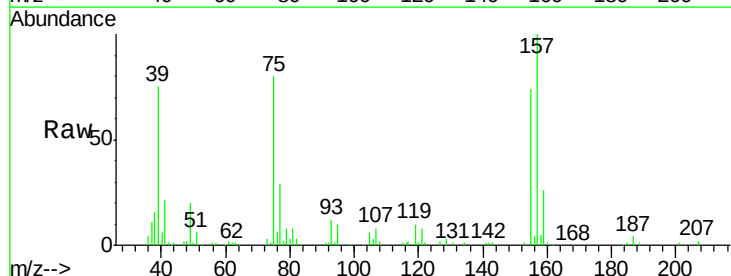
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW051518

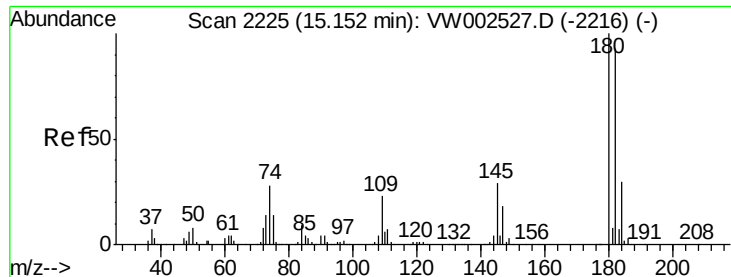
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.9	59.6
148	64.2	32.1	96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.47 ug/l
 RT: 14.50 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VW002531.D
 Acq: 15 May 2018 00:11

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.4	42.8	128.4
157	111.1	57.4	172.0

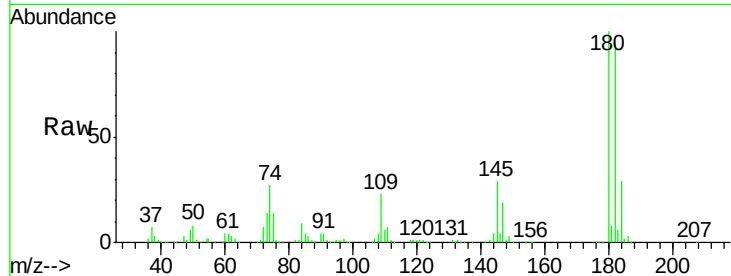




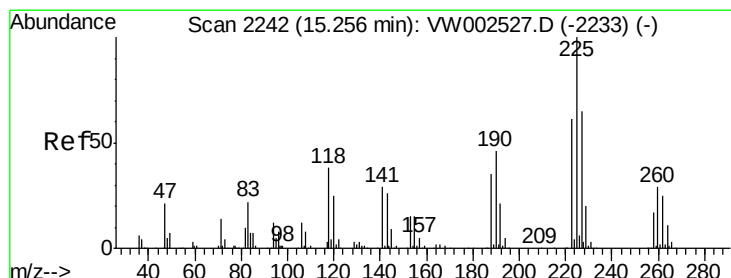
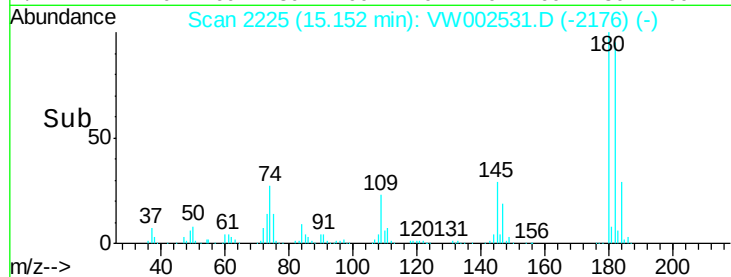
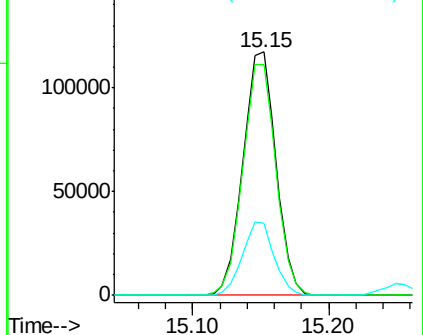
#93
 1,2,4-Trichlorobenzene
 Concen: 50.82 ug/l
 RT: 15.15 min Scan# 2225
 Delta R.T. 0.00 min
 Lab File: VW002531.D
 Acq: 15 May 2018 00:11

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW051518

Tgt Ion:180 Resp: 198670
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.2 141.6
 145 29.1 14.9 44.9

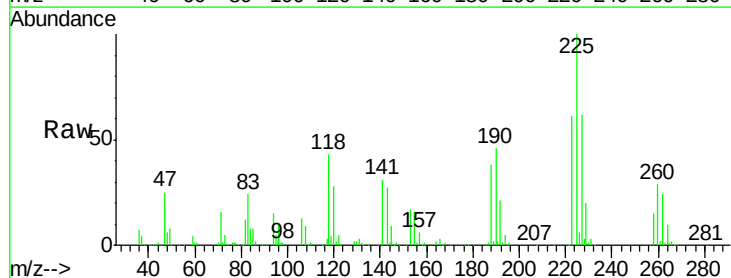


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

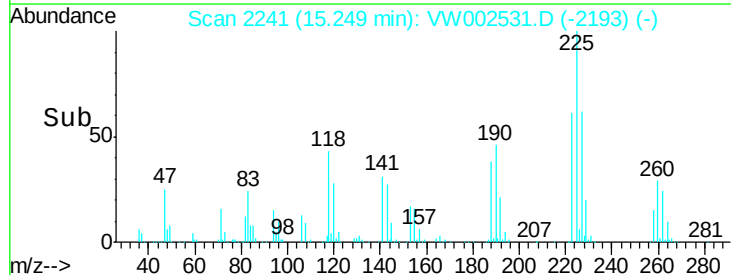
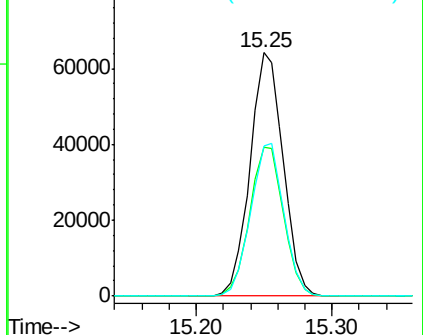


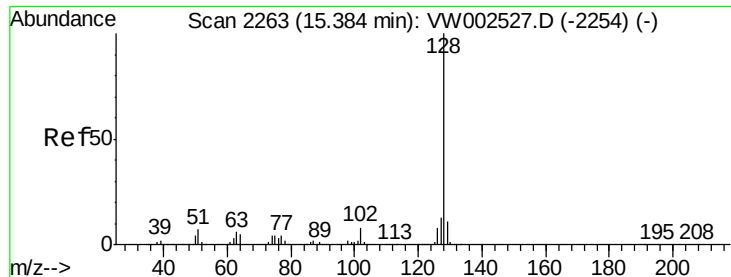
#94
 Hexachlorobutadiene
 Concen: 50.47 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. -0.01 min
 Lab File: VW002531.D
 Acq: 15 May 2018 00:11

Tgt Ion:225 Resp: 109783
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.3 93.9
 227 62.6 31.9 95.5



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: 54.88 ug/l

RT: 15.38 min Scan# 2263

Delta R.T. 0.00 min

Lab File: VW002531.D

Acq: 15 May 2018 00:11

Instrument :

MSVOA_W

ClientSampleId :

ICVW051518

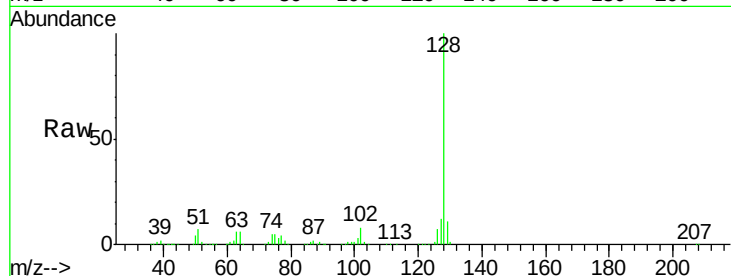
Tgt Ion:128 Resp: 390118

Ion Ratio Lower Upper

128 100

127 13.3 10.6 15.8

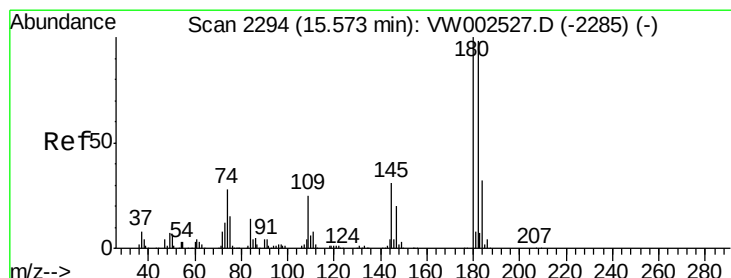
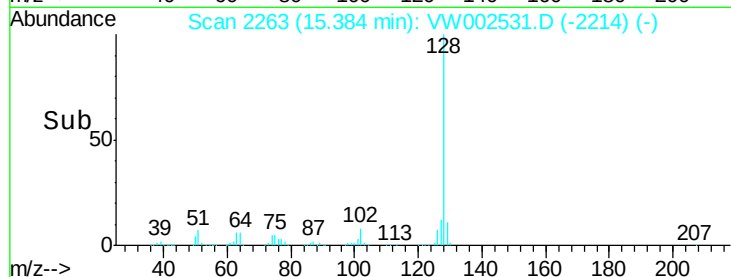
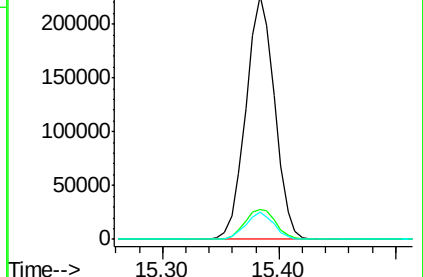
129 10.8 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 51.25 ug/l

RT: 15.57 min Scan# 2294

Delta R.T. -0.00 min

Lab File: VW002531.D

Acq: 15 May 2018 00:11

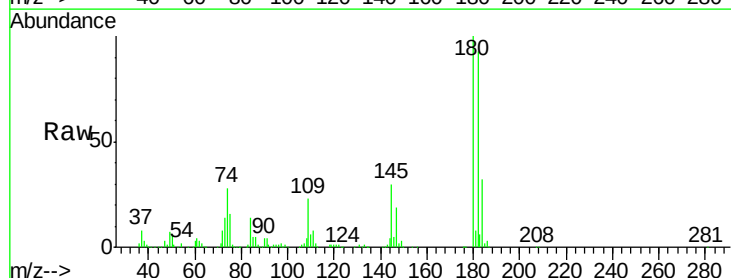
Tgt Ion:180 Resp: 179270

Ion Ratio Lower Upper

180 100

182 94.2 47.3 141.8

145 31.2 15.5 46.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

