

Data File : VW005407.D
Acq On : 15 Sep 2018 02:13
Operator : SY/AP
Sample : VSTDICV050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ICVW091618

Quant Time: Sep 15 02:34:05 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 15 02:32:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	229569	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	347470	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	332061	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	169044	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	112493	47.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.42%	
35) Dibromofluoromethane	7.89	113	92703	47.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.16%	
50) Toluene-d8	10.33	98	448910	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	
62) 4-Bromofluorobenzene	12.62	95	163067	49.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.70%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	98390	50.516	ug/l	99
3) Chloromethane	2.21	50	118448	43.710	ug/l	94
4) Vinyl Chloride	2.35	62	114844	45.243	ug/l	99
5) Bromomethane	2.78	94	76077	49.153	ug/l	97
6) Chloroethane	2.92	64	68529	45.550	ug/l	97
7) Trichlorofluoromethane	3.26	101	165129	49.100	ug/l	99
8) Diethyl Ether	3.69	74	45599	45.624	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.07	101	89181	45.472	ug/l	99
10) Methyl Iodide	4.28	142	120856	48.578	ug/l	99
11) Tert butyl alcohol	5.21	59	36394	253.912	ug/l #	84
12) 1,1-Dichloroethene	4.04	96	80123	45.110	ug/l	92
13) Acrolein	3.90	56	23622	231.104	ug/l	97
14) Allyl chloride	4.67	41	162621	49.204	ug/l	99
15) Acrylonitrile	5.38	53	105272	230.279	ug/l	98
16) Acetone	4.14	43	81729	237.607	ug/l	99
17) Carbon Disulfide	4.39	76	290881	46.490	ug/l	98
18) Methyl Acetate	4.68	43	54704	47.773	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	234492	48.621	ug/l	96
20) Methylene Chloride	4.92	84	118160	49.978	ug/l	95
21) trans-1,2-Dichloroethene	5.43	96	97810	46.112	ug/l	98
22) Diisopropyl ether	6.32	45	335933	51.707	ug/l	99
23) Vinyl Acetate	6.26	43	926108	250.159	ug/l	100
24) 1,1-Dichloroethane	6.23	63	183706	46.595	ug/l	99
25) 2-Butanone	7.18	43	139080	242.627	ug/l	96
26) 2,2-Dichloropropane	7.18	77	172739	48.844	ug/l	100
27) cis-1,2-Dichloroethene	7.18	96	111992	48.537	ug/l	100
28) Bromochloromethane	7.52	49	72097	47.016	ug/l	99
29) Tetrahydrofuran	7.54	42	86730	237.500	ug/l	99
30) Chloroform	7.68	83	194535	47.649	ug/l	100
31) Cyclohexane	7.96	56	183550	48.260	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	190207	50.103	ug/l	99
36) 1,1-Dichloropropene	8.09	75	163118	49.604	ug/l	99
37) Ethyl Acetate	7.26	43	63266	47.309	ug/l	99
38) Carbon Tetrachloride	8.07	117	169003	49.320	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	198580	51.970	ug/l	99
40) Benzene	8.33	78	460175	48.309	ug/l	100
41) Methacrylonitrile	7.49	41	39920	49.479	ug/l	97
42) 1,2-Dichloroethane	8.41	62	138348	46.401	ug/l	99
43) Isopropyl Acetate	8.43	43	129451	49.602	ug/l	100
44) Trichloroethene	9.10	130	119447	48.718	ug/l	97
45) 1,2-Dichloropropane	9.38	63	110143	48.395	ug/l	98
46) Dibromomethane	9.46	93	50711	45.295	ug/l	97
47) Bromodichloromethane	9.65	83	147779	48.718	ug/l	97
48) Methyl methacrylate	9.45	41	65398	50.211	ug/l	97
49) 1,4-Dioxane	9.48	88	18471	989.865	ug/l #	99
51) 4-Methyl-2-Pentanone	10.22	43	345723	257.329	ug/l	100
52) Toluene	10.40	92	327420	50.755	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	153110	50.436	ug/l	95
54) cis-1,3-Dichloropropene	10.08	75	174008	50.624	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	77774	46.740	ug/l	97
56) Ethyl methacrylate	10.65	69	109552	52.015	ug/l	99
57) 1,3-Dichloropropane	10.94	76	143811	50.070	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	260489	273.451	ug/l	100
59) 2-Hexanone	10.98	43	238402	260.506	ug/l	99
60) Dibromochloromethane	11.13	129	97707	48.803	ug/l	98
61) 1,2-Dibromoethane	11.24	107	73956	49.558	ug/l	99
64) Tetrachloroethene	10.87	164	123982	50.520	ug/l	97
65) Chlorobenzene	11.66	112	348445	49.444	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	113220	50.265	ug/l	100
67) Ethyl Benzene	11.74	91	638517	51.520	ug/l	99
68) m/p-Xylenes	11.85	106	489074	102.534	ug/l	99
69) o-Xylene	12.17	106	226933	51.090	ug/l	100
70) Styrene	12.19	104	380913	51.964	ug/l	100
71) Bromoform	12.35	173	61243	51.396	ug/l #	99
73) Isopropylbenzene	12.47	105	637914	53.788	ug/l	100
74) N-amyl acetate	12.28	43	133634	53.473	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	90843	52.507	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	132019	94.954	ug/l #	100
77) Bromobenzene	12.76	156	142525	50.831	ug/l	99
78) n-propylbenzene	12.81	91	762727	53.289	ug/l	100
79) 2-Chlorotoluene	12.90	91	441111	52.239	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	548093	52.965	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	27641	51.572	ug/l	97
82) 4-Chlorotoluene	12.99	91	458227	51.402	ug/l	100
83) tert-Butylbenzene	13.21	119	464373	54.028	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	557214	53.038	ug/l	100
85) sec-Butylbenzene	13.39	105	663937	53.461	ug/l	99
86) p-Isopropyltoluene	13.51	119	592412	53.340	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	286235	50.336	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	279438	49.901	ug/l	100
89) n-Butylbenzene	13.83	91	550984	53.276	ug/l	100
90) Hexachloroethane	14.10	117	99831	52.461	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	251549	50.618	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	16758	50.433	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091618\
Quantitation Report (Not Reviewed)

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ClientSampleId :
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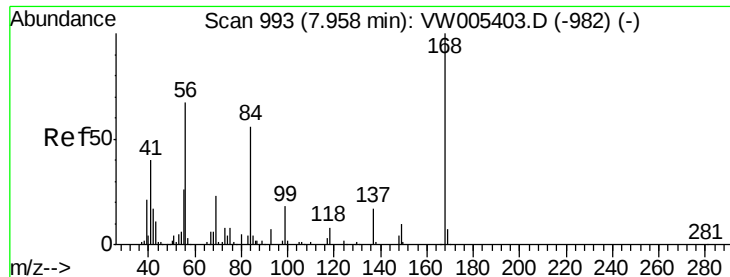
Quant Time: Sep 15 02:34:05 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 15 02:32:34 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	173065	52.193	ug/l	99
94) Hexachlorobutadiene	15.24	225	113223	52.289	ug/l	99
95) Naphthalene	15.38	128	298207	53.971	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	148372	51.271	ug/l	100

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005407.D

Acq: 15 Sep 2018 02:13

Instrument :

MSVOA_W

ClientSampleId :

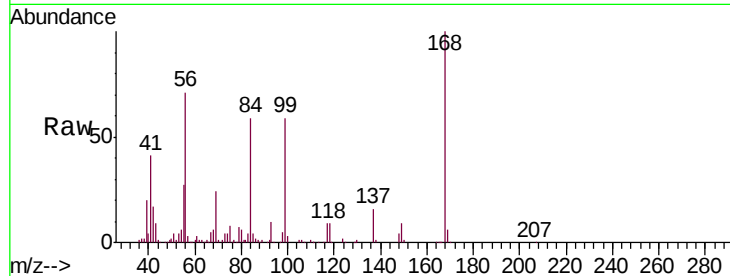
ICVW091618

Tgt Ion:168 Resp: 229569

Ion Ratio Lower Upper

168 100

99 58.5 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

120000

100000

80000

60000

40000

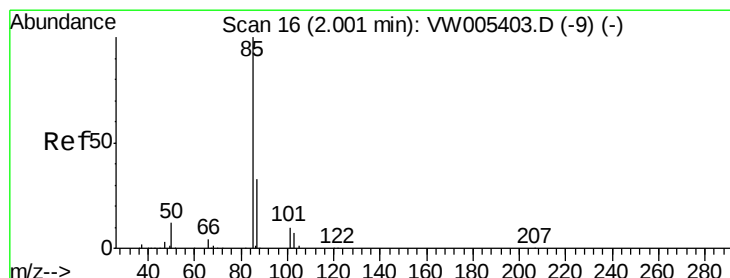
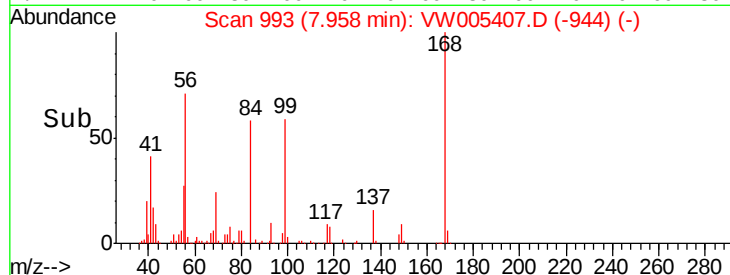
20000

0

7.96

7.80 7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 50.516 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW005407.D

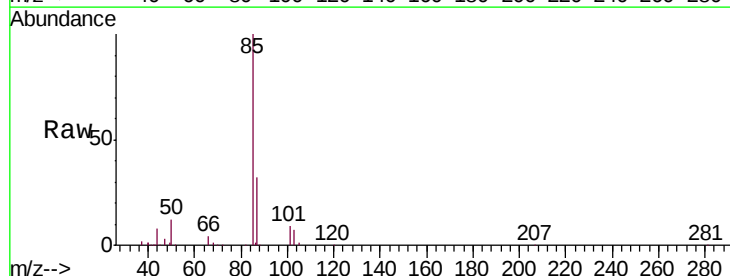
Acq: 15 Sep 2018 02:13

Tgt Ion: 85 Resp: 98390

Ion Ratio Lower Upper

85 100

87 32.2 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

80000

60000

40000

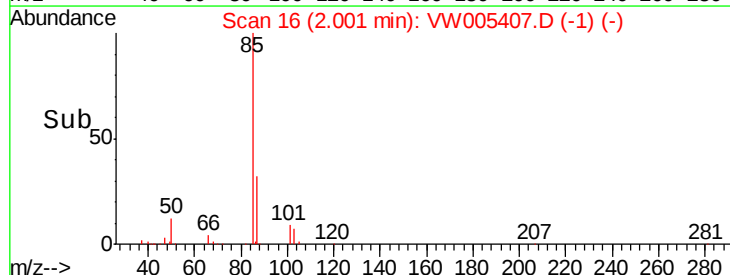
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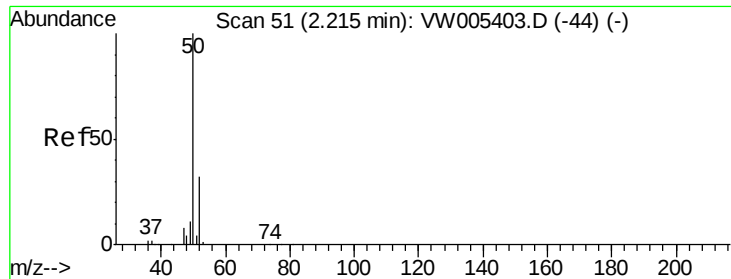
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2.00

1.90 1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 43.710 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW005407.D

Acq: 15 Sep 2018 02:13

Instrument :

MSVOA_W

ClientSampleId :

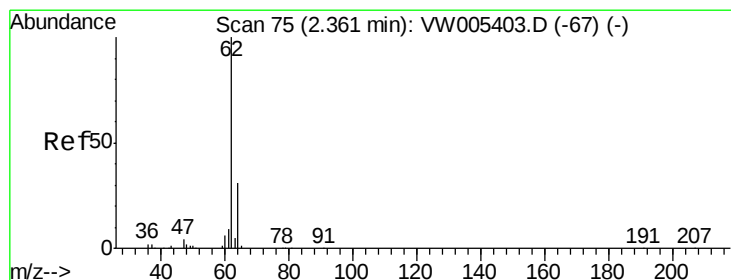
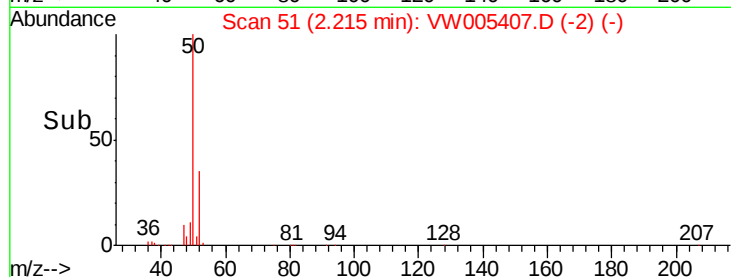
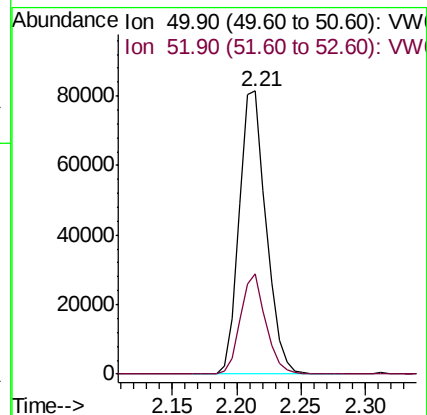
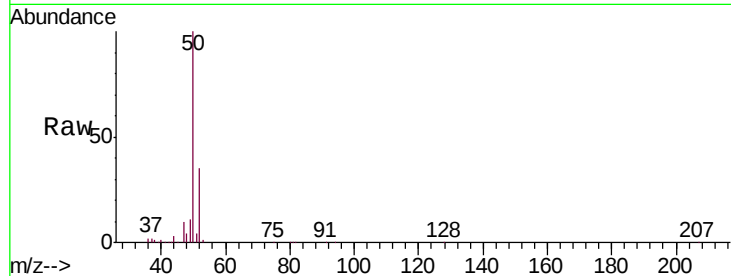
ICVW091618

Tgt Ion: 50 Resp: 118448

Ion Ratio Lower Upper

50 100

52 35.4 25.8 38.6



#4

Vinyl Chloride

Concen: 45.243 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW005407.D

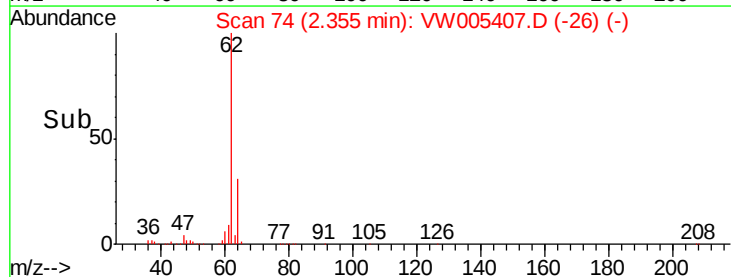
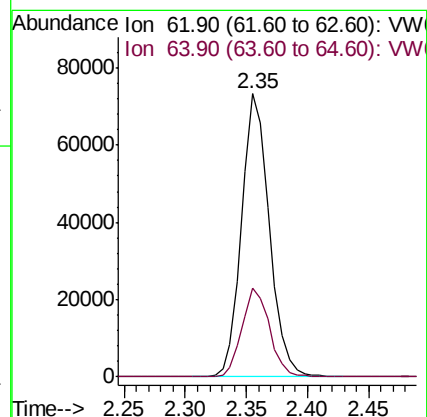
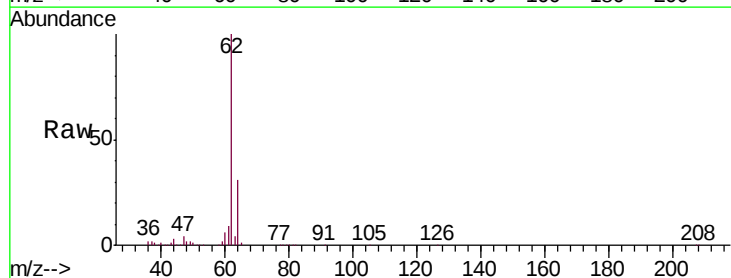
Acq: 15 Sep 2018 02:13

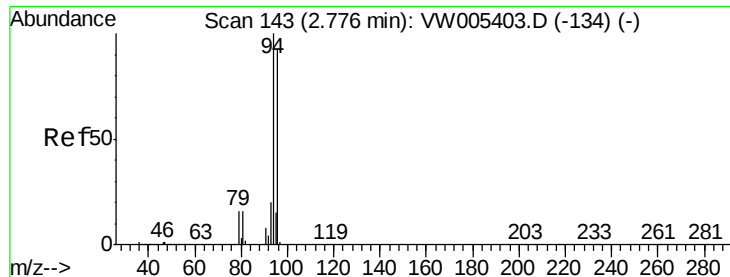
Tgt Ion: 62 Resp: 114844

Ion Ratio Lower Upper

62 100

64 31.2 24.5 36.7





#5

Bromomethane

Concen: 49.153 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.00 min

Lab File: VW005407.D

Acq: 15 Sep 2018 02:13

Instrument :

MSVOA_W

ClientSampleId :

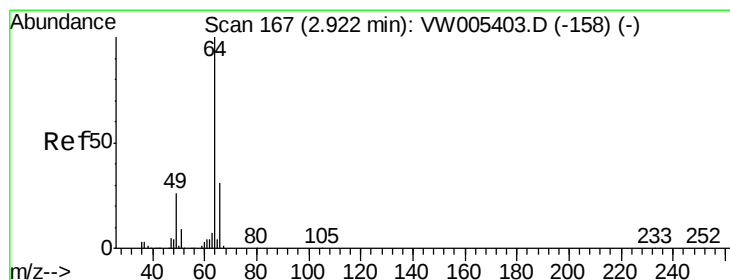
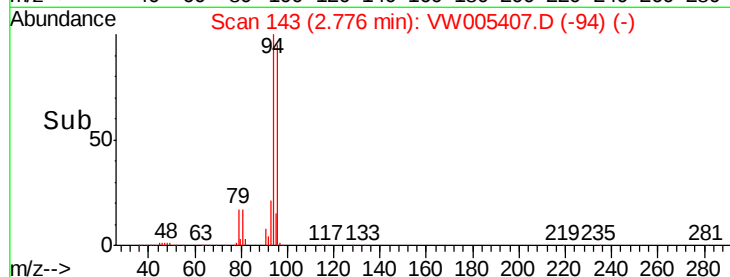
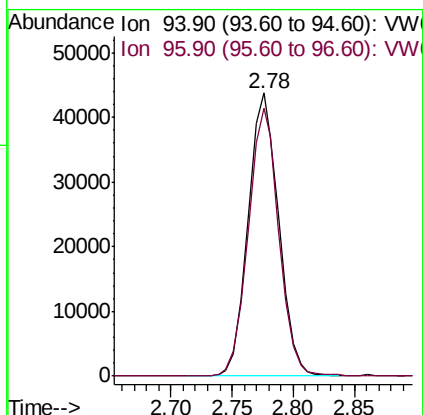
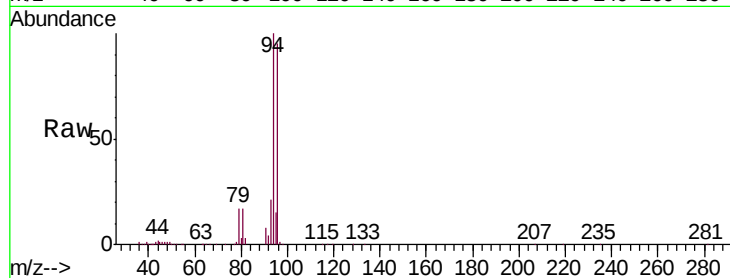
ICVW091618

Tgt Ion: 94 Resp: 76077

Ion Ratio Lower Upper

94 100

96 94.6 73.7 110.5



#6

Chloroethane

Concen: 45.550 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW005407.D

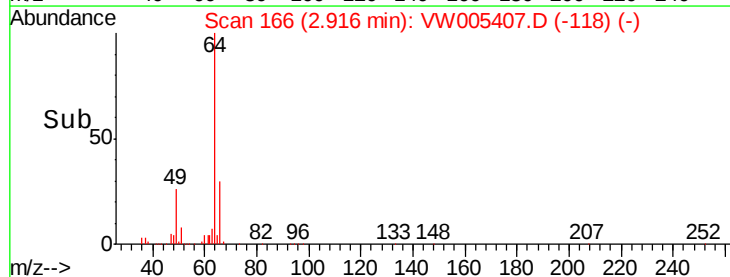
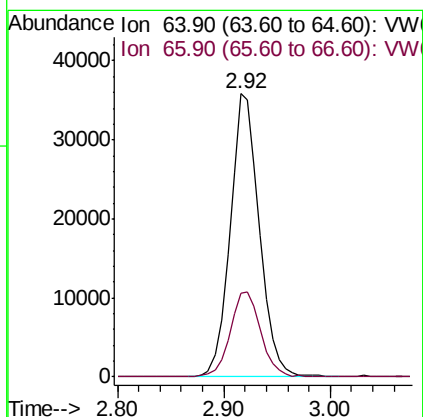
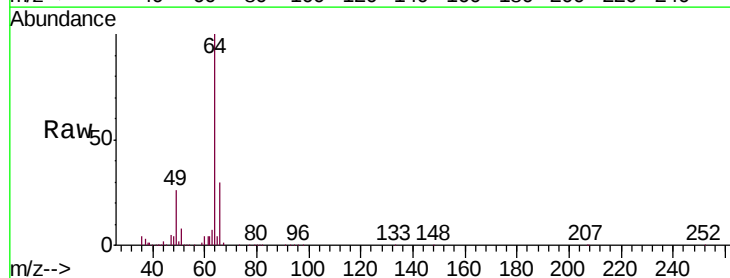
Acq: 15 Sep 2018 02:13

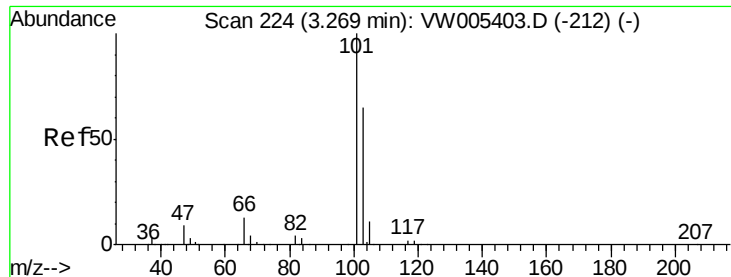
Tgt Ion: 64 Resp: 68529

Ion Ratio Lower Upper

64 100

66 29.7 25.2 37.8



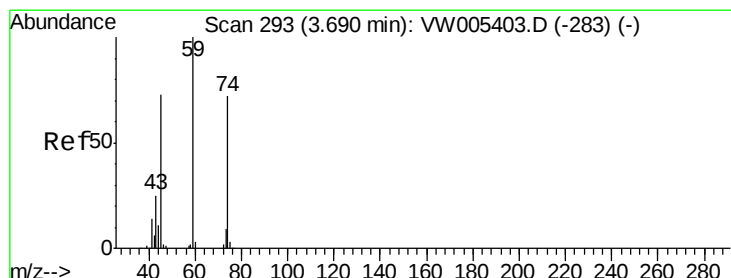
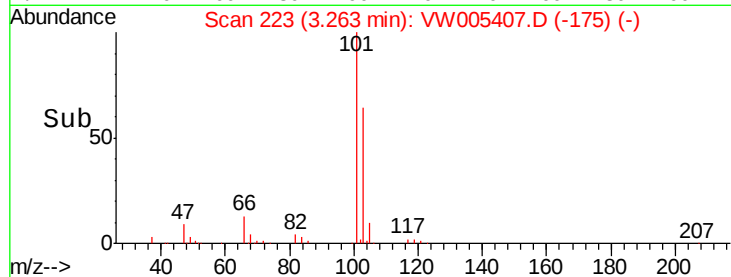
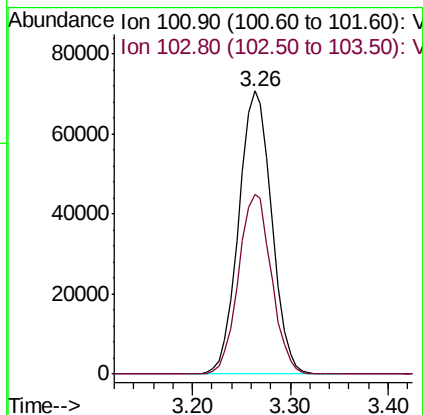
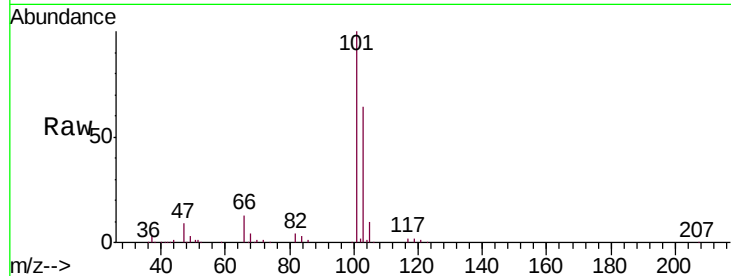


#7

Trichlorofluoromethane
 Concen: 49.100 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. -0.01 min
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 ICVVW091618

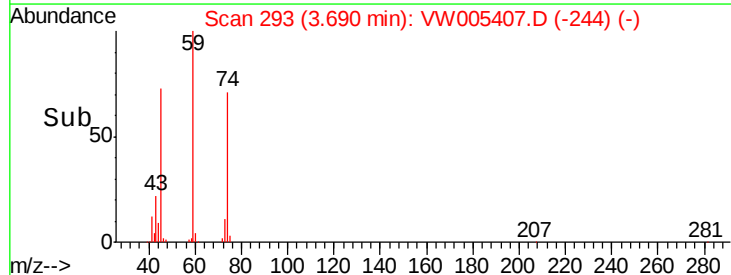
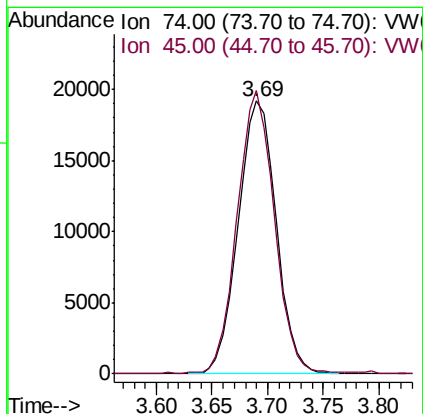
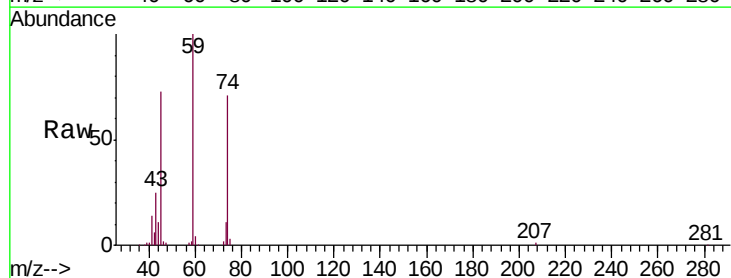
Tgt Ion:101 Resp: 165129
 Ion Ratio Lower Upper
 101 100
 103 63.7 51.7 77.5

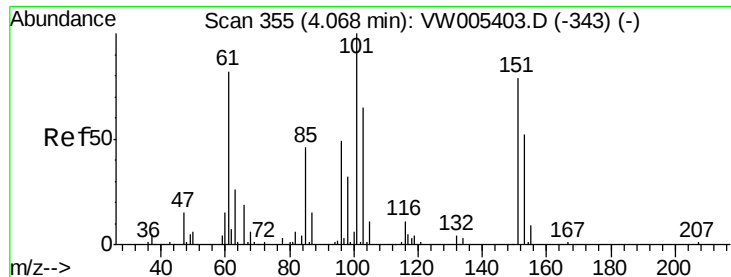


#8

Diethyl Ether
 Concen: 45.624 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VW005407.D
 Acq: 15 Sep 2018 02:13

Tgt Ion: 74 Resp: 45599
 Ion Ratio Lower Upper
 74 100
 45 101.7 53.1 159.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.472 ug/l

RT: 4.07 min Scan# 355

Delta R.T. -0.00 min

Lab File: VW005407.D

Acq: 15 Sep 2018 02:13

Instrument :

MSVOA_W

ClientSampleId :

ICVW091618

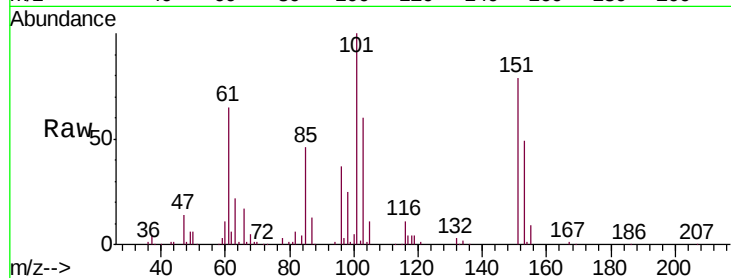
Tgt Ion:101 Resp: 89181

Ion Ratio Lower Upper

101 100

85 45.5 36.6 54.8

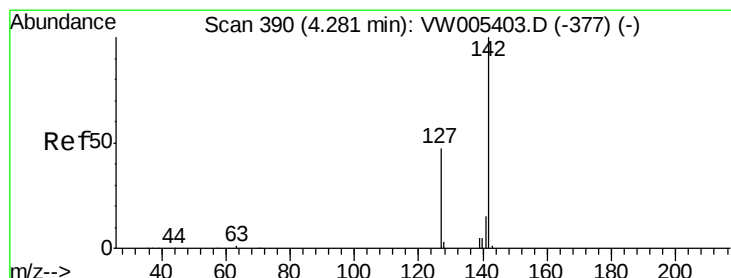
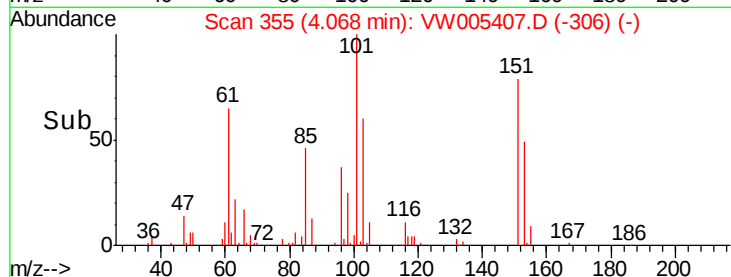
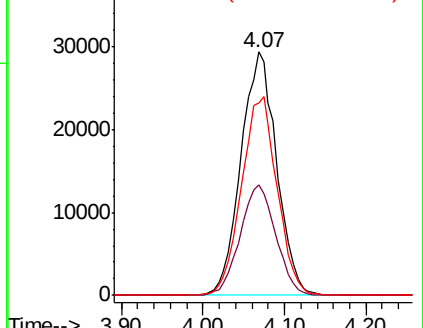
151 81.7 66.3 99.5



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: 48.578 ug/l

RT: 4.28 min Scan# 389

Delta R.T. -0.01 min

Lab File: VW005407.D

Acq: 15 Sep 2018 02:13

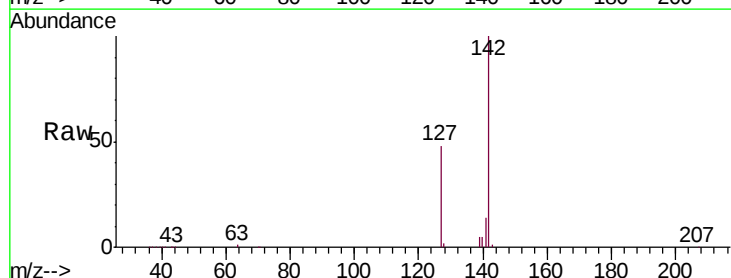
Tgt Ion:142 Resp: 120856

Ion Ratio Lower Upper

142 100

127 47.5 37.5 56.3

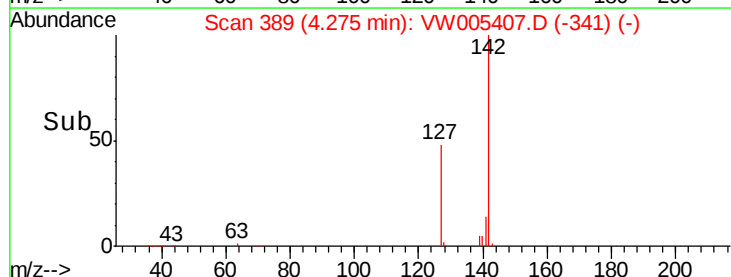
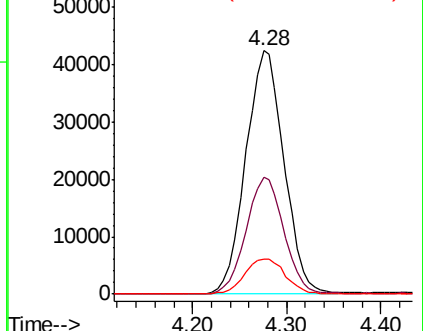
141 15.4 12.4 18.6

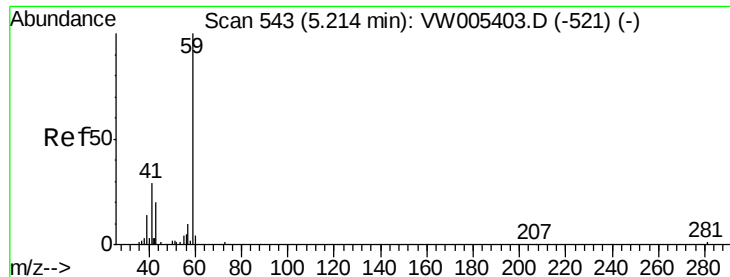


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 253.912 ug/l

RT: 5.21 min Scan# 542

Delta R.T. -0.01 min

Lab File: VW005407.D

Acq: 15 Sep 2018 02:13

Instrument :

MSVOA_W

ClientSampleId :

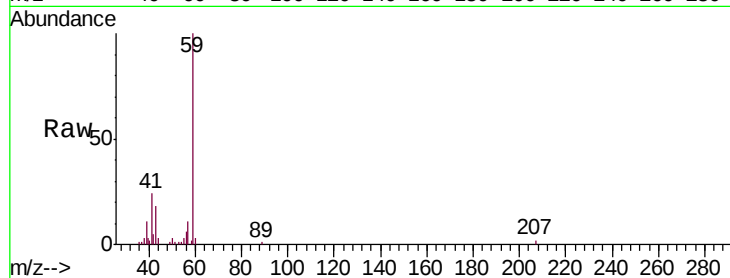
ICVW091618

Tgt Ion: 59 Resp: 36394

Ion Ratio Lower Upper

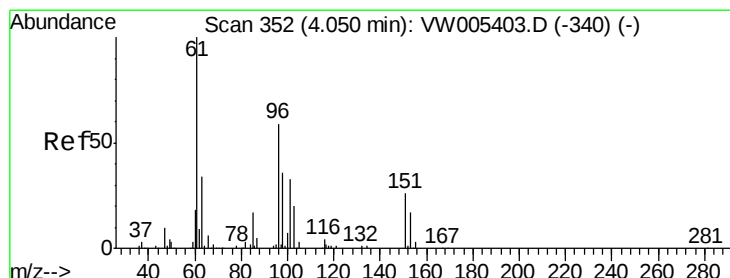
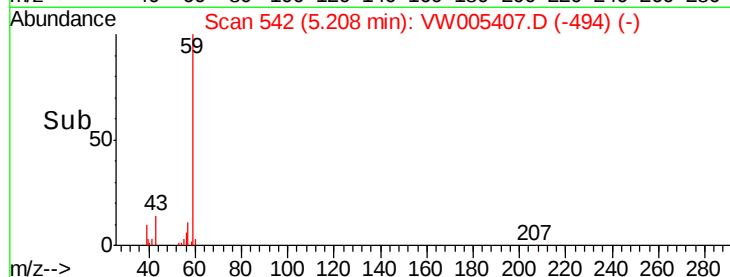
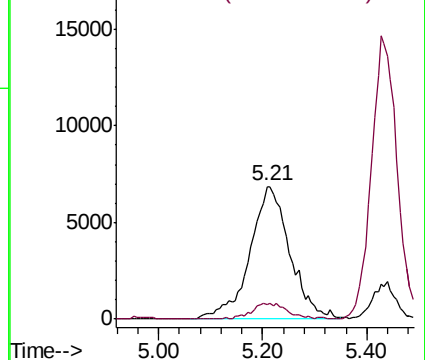
59 100

57 4.9 8.6 13.0#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW



#12

1,1-Dichloroethene

Concen: 45.110 ug/l

RT: 4.04 min Scan# 351

Delta R.T. -0.01 min

Lab File: VW005407.D

Acq: 15 Sep 2018 02:13

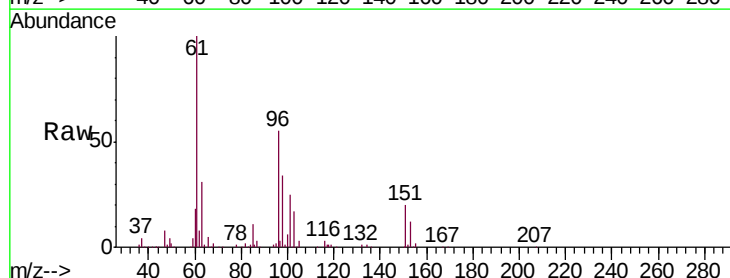
Tgt Ion: 96 Resp: 80123

Ion Ratio Lower Upper

96 100

61 182.9 135.7 203.5

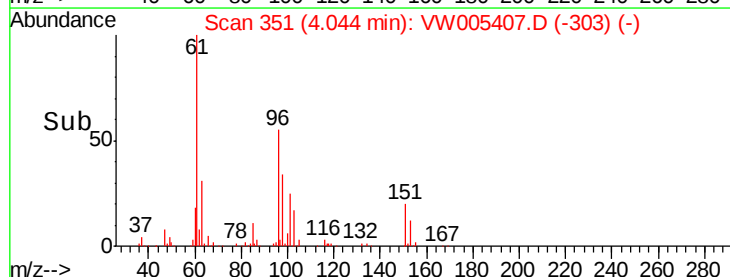
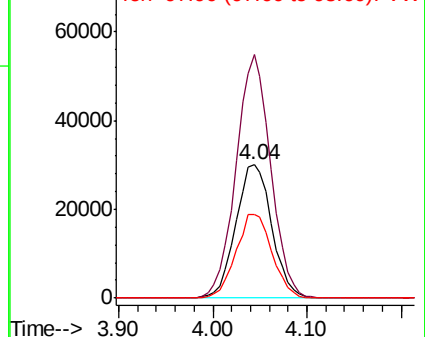
98 62.9 48.6 73.0

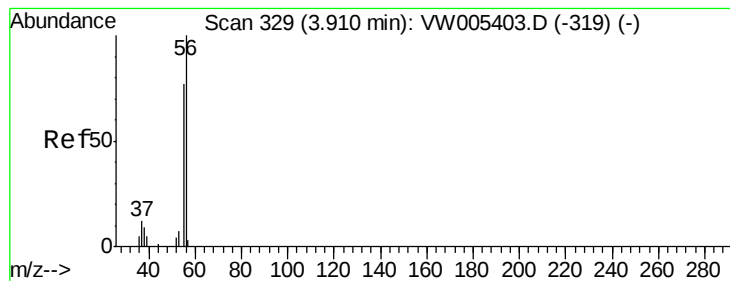


Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW





#13

Acrolein

Concen: 231.104 ug/l

RT: 3.90 min Scan# 328

Delta R.T. -0.01 min

Lab File: VW005407.D

Acq: 15 Sep 2018 02:13

Instrument :

MSVOA_W

ClientSampleId :

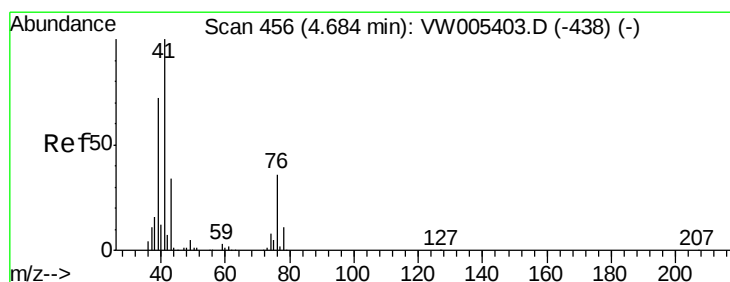
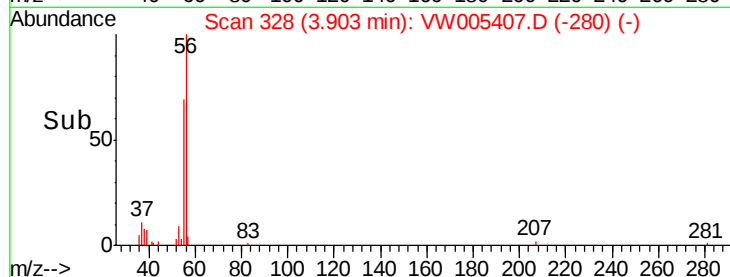
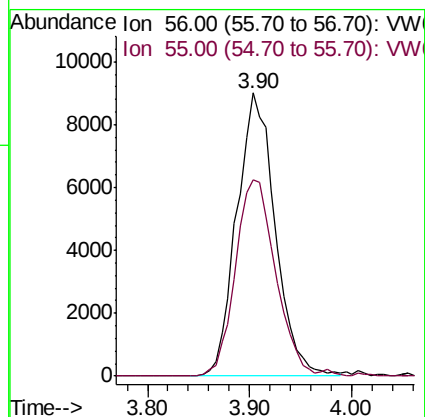
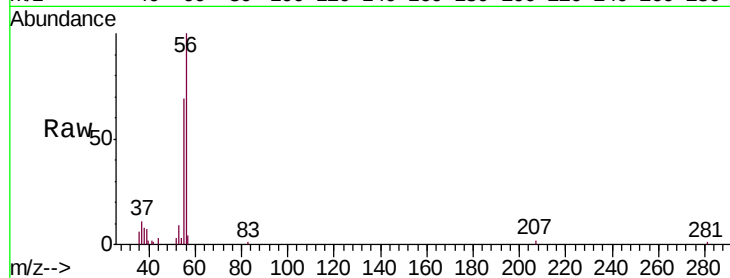
ICVW091618

Tgt Ion: 56 Resp: 23622

Ion Ratio Lower Upper

56 100

55 72.2 59.8 89.8



#14

Allyl chloride

Concen: 49.204 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW005407.D

Acq: 15 Sep 2018 02:13

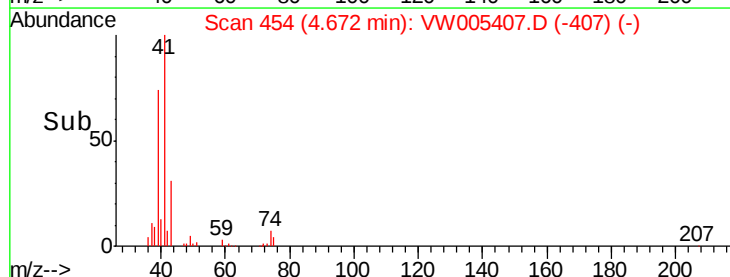
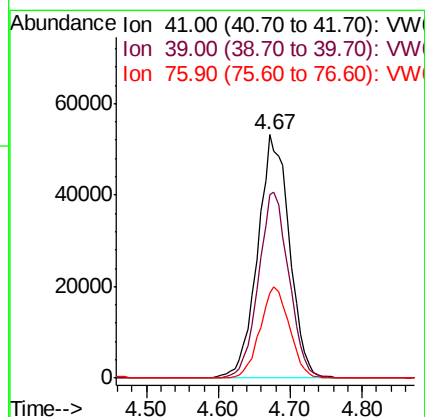
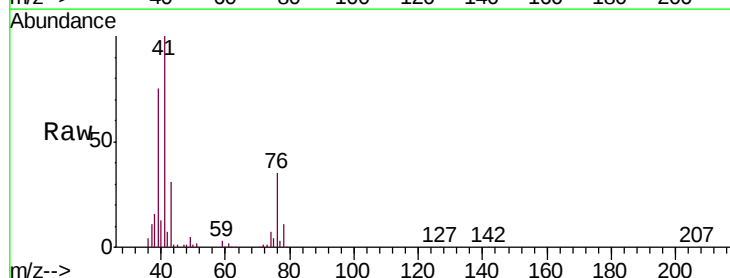
Tgt Ion: 41 Resp: 162621

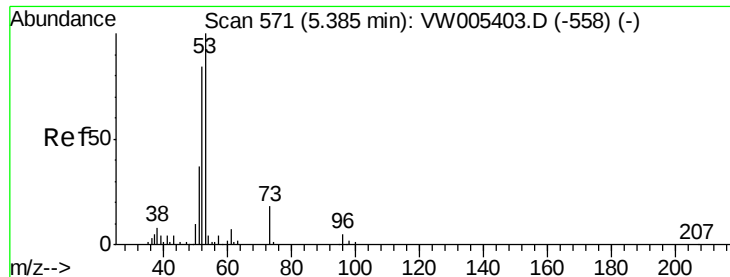
Ion Ratio Lower Upper

41 100

39 73.5 58.6 88.0

76 34.8 27.4 41.0





#15

Acrylonitrile

Concen: 230.279 ug/l

RT: 5.38 min Scan# 571

Delta R.T. -0.00 min

Lab File: VW005407.D

Acq: 15 Sep 2018 02:13

Instrument :

MSVOA_W

ClientSampleId :

ICVW091618

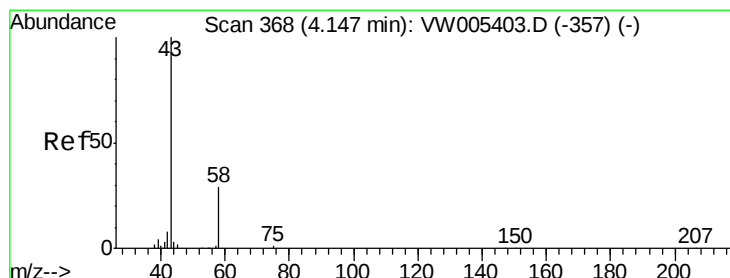
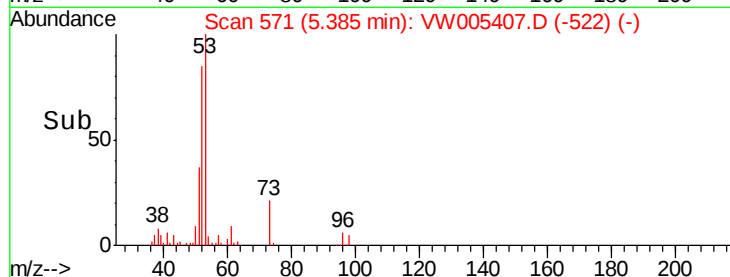
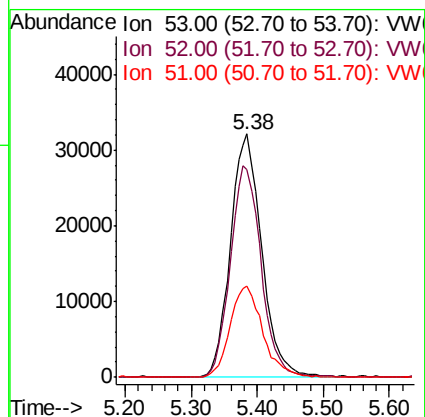
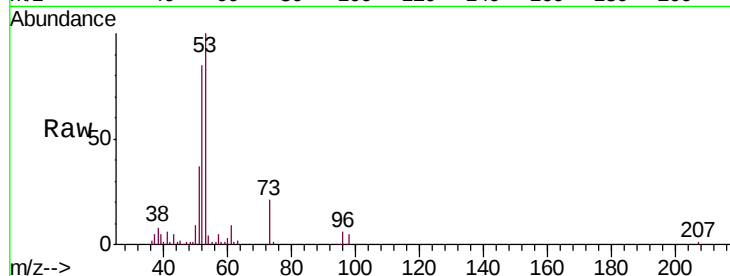
Tgt Ion: 53 Resp: 105272

Ion Ratio Lower Upper

53 100

52 85.9 66.6 99.8

51 39.3 31.1 46.7



#16

Acetone

Concen: 237.607 ug/l

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW005407.D

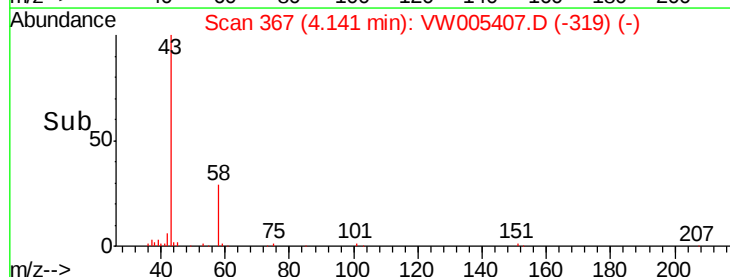
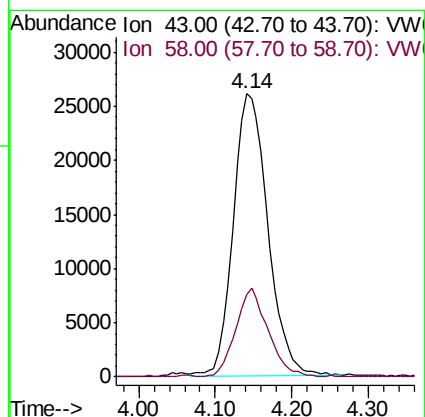
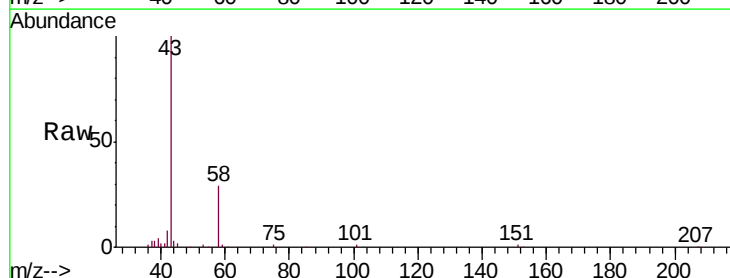
Acq: 15 Sep 2018 02:13

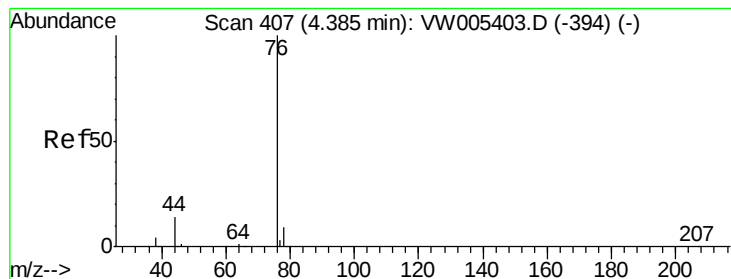
Tgt Ion: 43 Resp: 81729

Ion Ratio Lower Upper

43 100

58 29.2 22.8 34.2





#17

Carbon Disulfide

Concen: 46.490 ug/l

RT: 4.39 min Scan# 407

Delta R.T. -0.00 min

Lab File: VW005407.D

Acq: 15 Sep 2018 02:13

Instrument :

MSVOA_W

ClientSampleId :

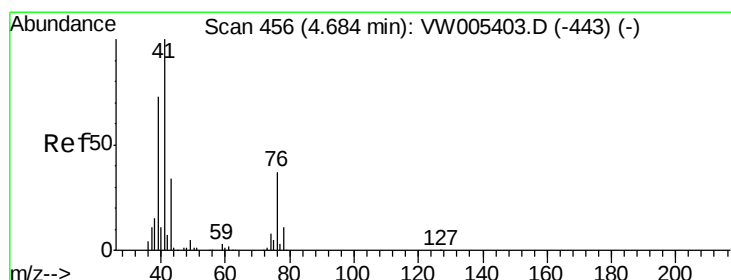
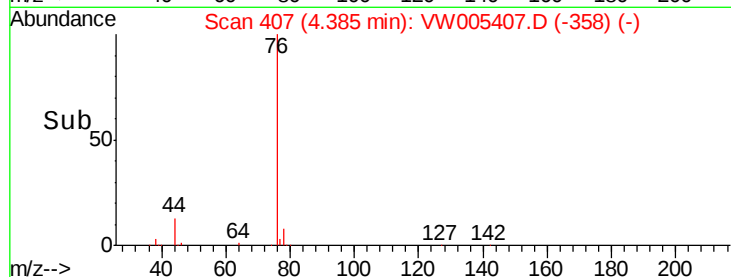
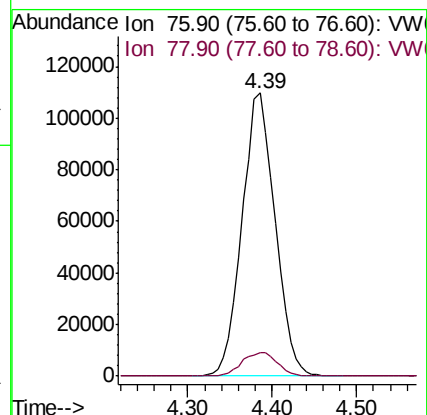
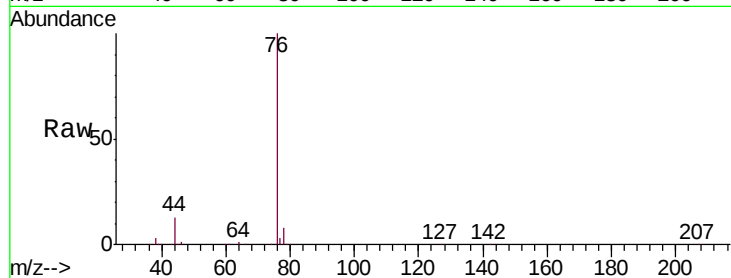
ICVW091618

Tgt Ion: 76 Resp: 290881

Ion Ratio Lower Upper

76 100

78 8.5 7.4 11.0



#18

Methyl Acetate

Concen: 47.773 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.01 min

Lab File: VW005407.D

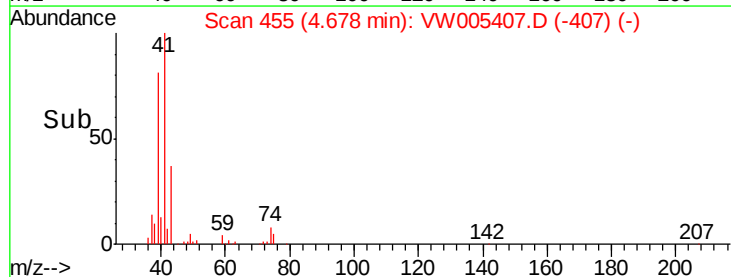
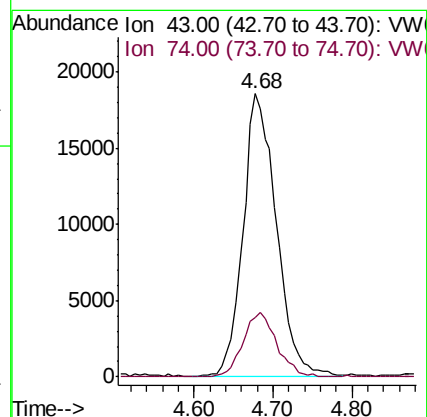
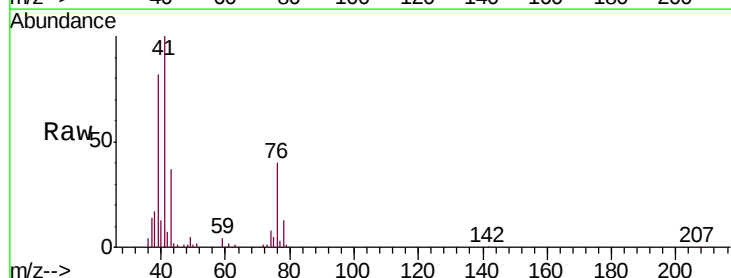
Acq: 15 Sep 2018 02:13

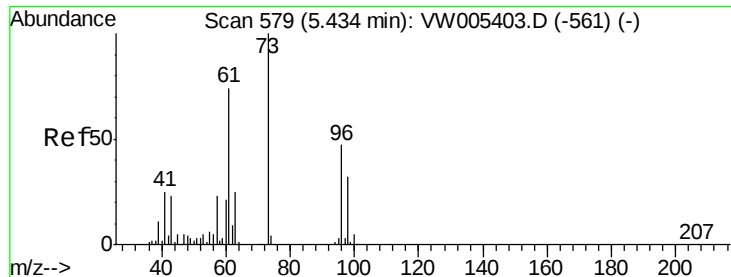
Tgt Ion: 43 Resp: 54704

Ion Ratio Lower Upper

43 100

74 22.9 17.7 26.5

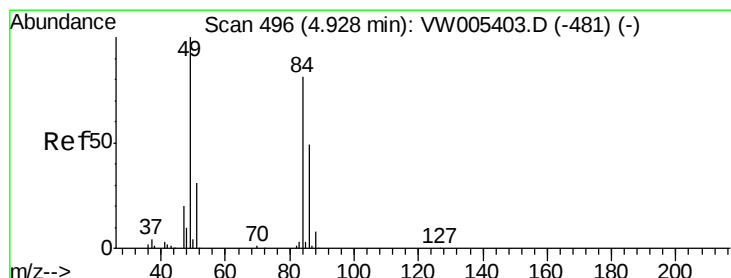
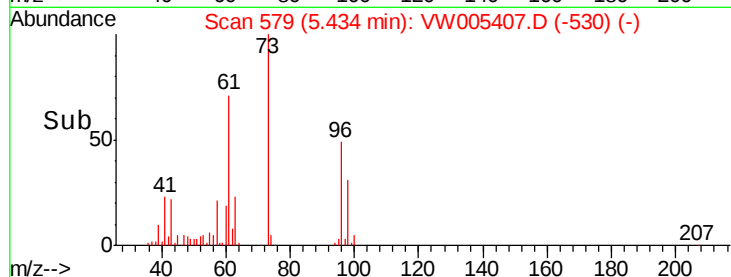
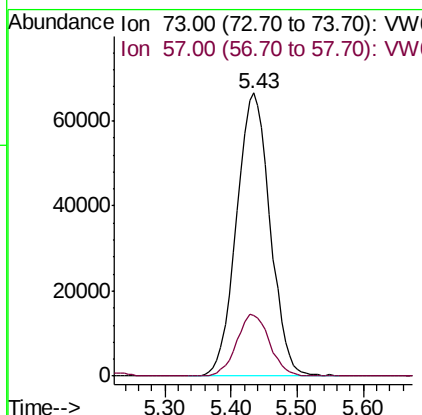
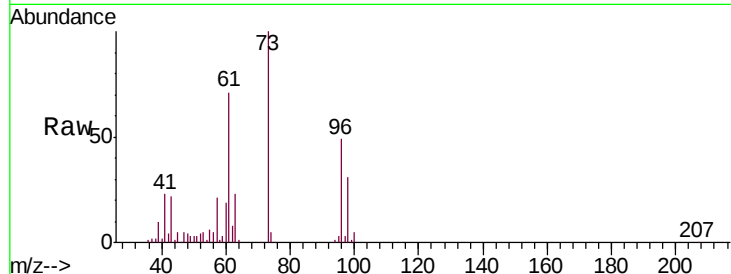




#19
Methyl tert-butyl Ether
Concen: 48.621 ug/l
RT: 5.43 min Scan# 579
Delta R.T. -0.00 min
Lab File: VW005407.D
Acq: 15 Sep 2018 02:13

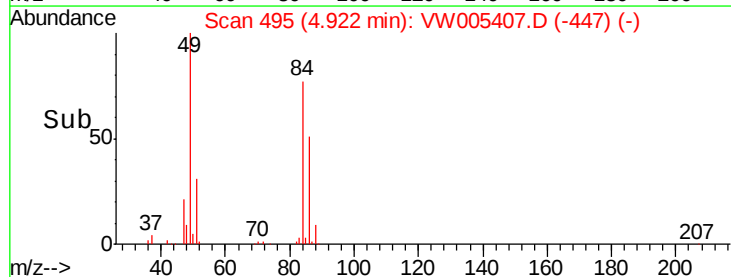
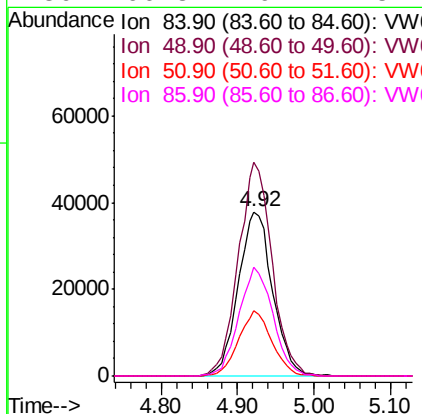
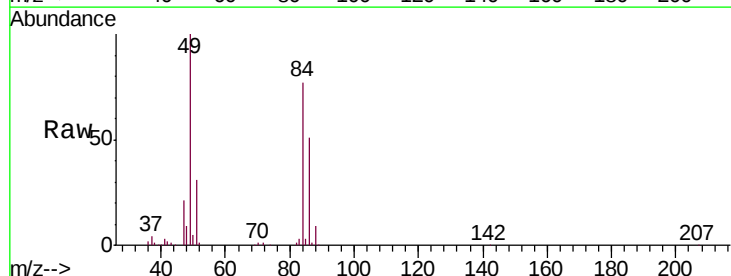
Instrument :
MSVOA_W
ClientSampleId :
ICVW091618

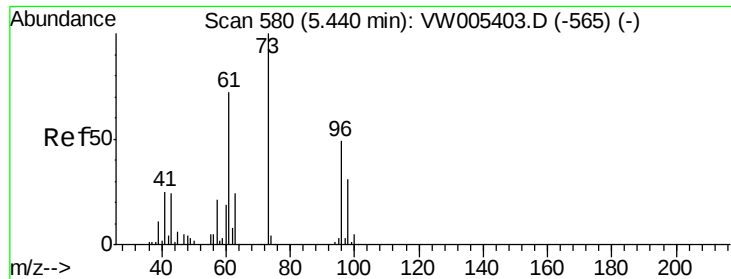
Tgt Ion: 73 Resp: 234492
Ion Ratio Lower Upper
73 100
57 21.5 18.6 28.0



#20
Methylene Chloride
Concen: 49.978 ug/l
RT: 4.92 min Scan# 495
Delta R.T. -0.01 min
Lab File: VW005407.D
Acq: 15 Sep 2018 02:13

Tgt Ion: 84 Resp: 118160
Ion Ratio Lower Upper
84 100
49 130.0 99.3 148.9
51 39.9 31.1 46.7
86 66.3 49.1 73.7





#21

trans-1,2-Dichloroethene

Concen: 46.112 ug/l

RT: 5.43 min Scan# 579

Delta R.T. -0.01 min

Lab File: VW005407.D

Acq: 15 Sep 2018 02:13

Instrument :

MSVOA_W

ClientSampleId :

ICVW091618

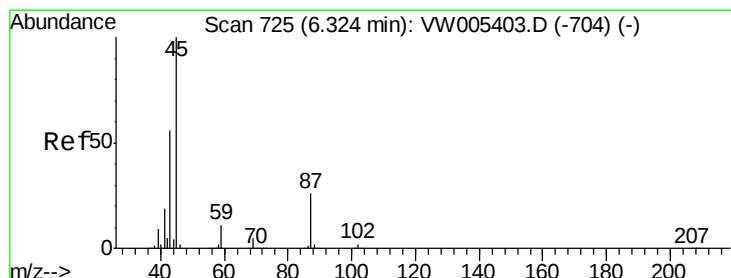
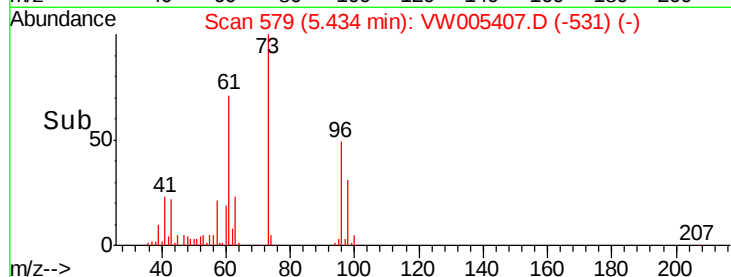
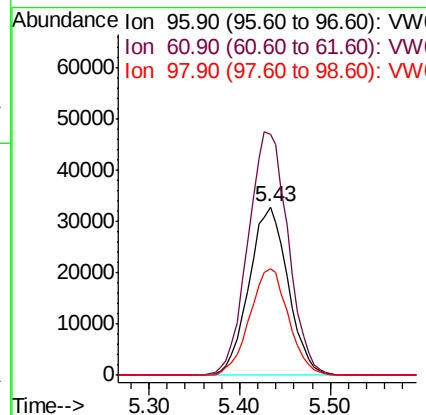
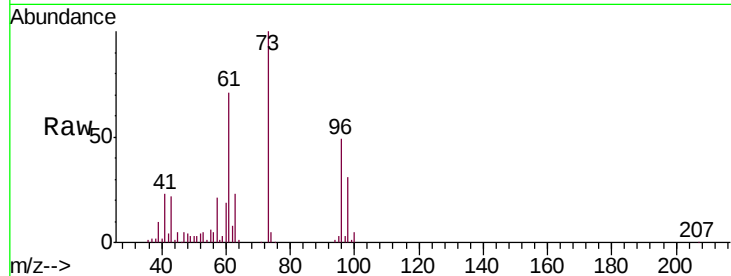
Tgt Ion: 96 Resp: 97810

Ion Ratio Lower Upper

96 100

61 143.6 116.7 175.1

98 63.0 51.0 76.6



#22

Diisopropyl ether

Concen: 51.707 ug/l

RT: 6.32 min Scan# 724

Delta R.T. -0.01 min

Lab File: VW005407.D

Acq: 15 Sep 2018 02:13

Tgt Ion: 45 Resp: 335933

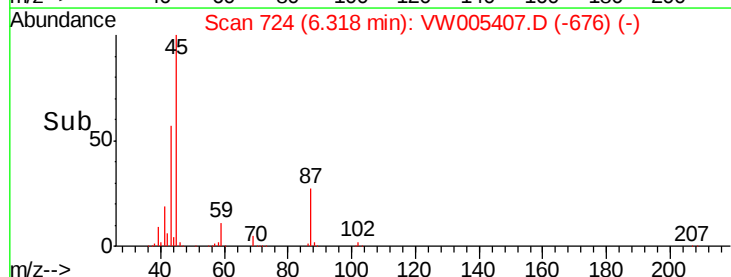
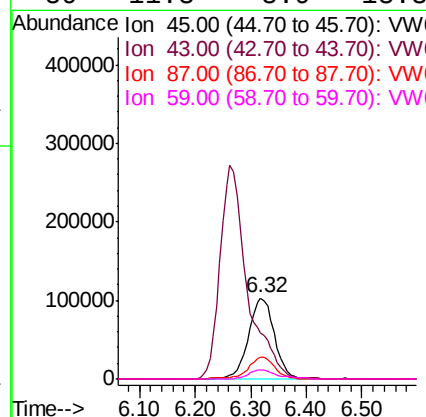
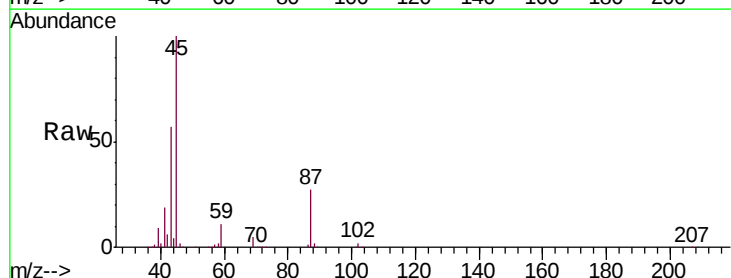
Ion Ratio Lower Upper

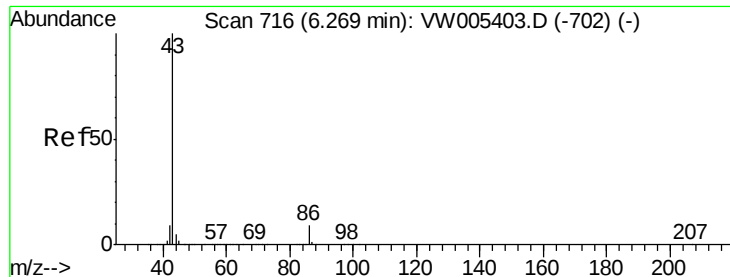
45 100

43 56.7 44.6 67.0

87 26.6 20.6 31.0

59 11.3 8.9 13.3

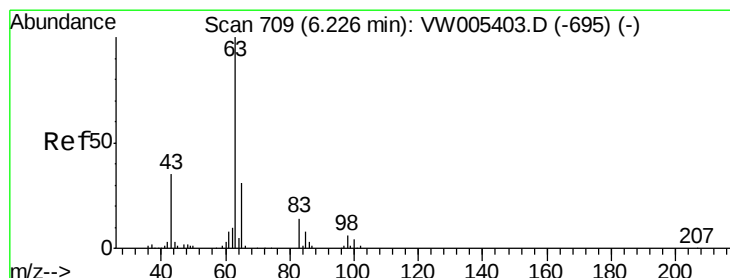
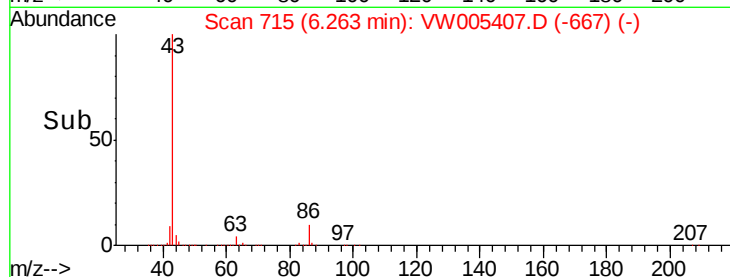
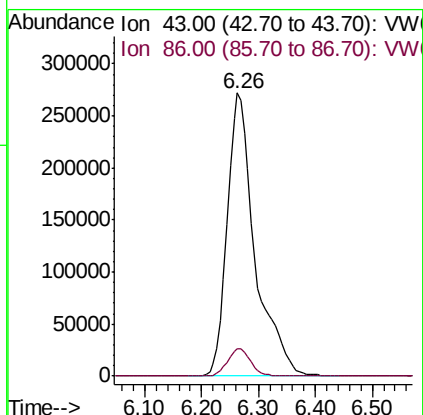
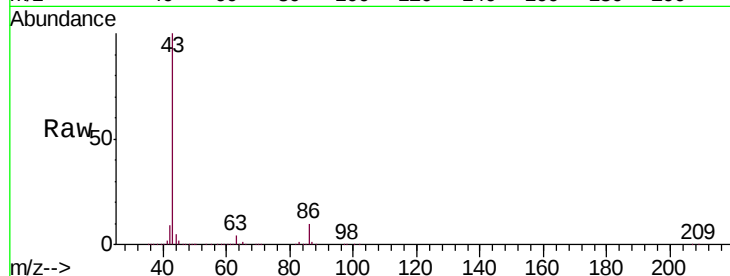




#23
 Vinyl Acetate
 Concen: 250.159 ug/l
 RT: 6.26 min Scan# 715
 Delta R.T. -0.01 min
 Lab File: VW005407.D
 Acq: 15 Sep 2018 02:13

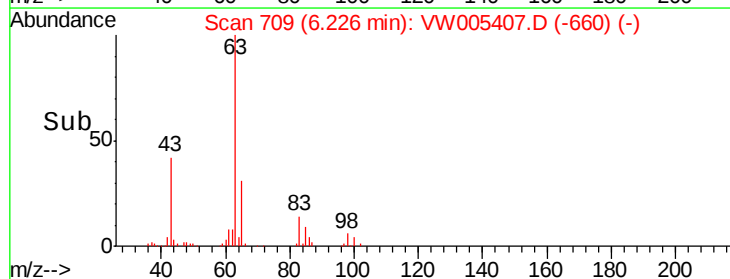
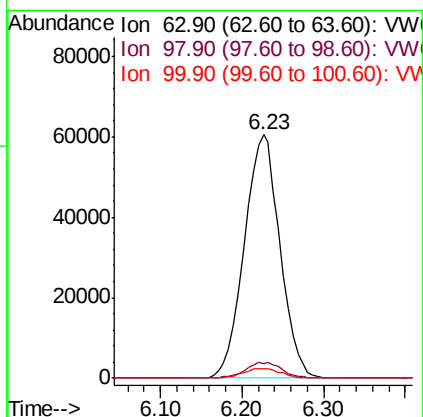
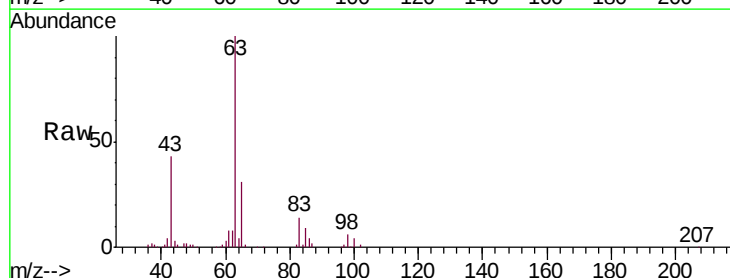
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW091618

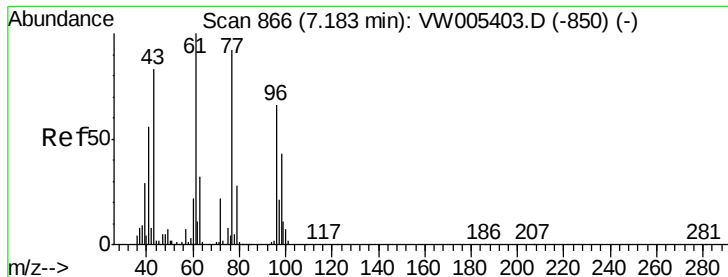
Tgt Ion: 43 Resp: 926108
 Ion Ratio Lower Upper
 43 100
 86 9.6 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 46.595 ug/l
 RT: 6.23 min Scan# 709
 Delta R.T. -0.00 min
 Lab File: VW005407.D
 Acq: 15 Sep 2018 02:13

Tgt Ion: 63 Resp: 183706
 Ion Ratio Lower Upper
 63 100
 98 6.2 2.9 8.8
 100 3.8 2.3 6.8





#25

2-Butanone

Concen: 242.627 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.00 min

Lab File: VW005407.D

Acq: 15 Sep 2018 02:13

Instrument :

MSVOA_W

ClientSampleId :

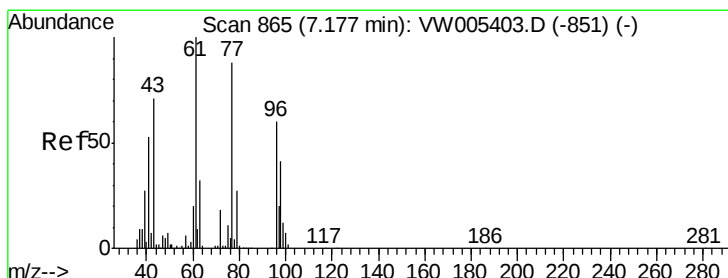
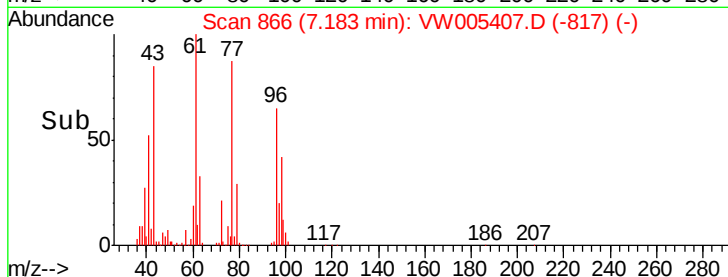
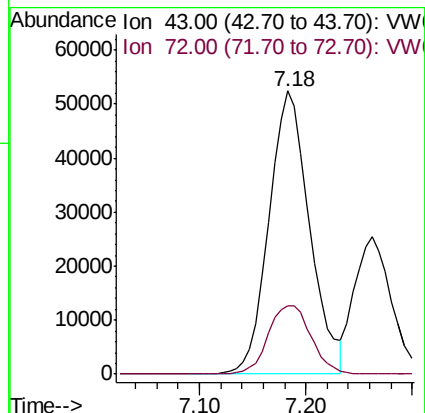
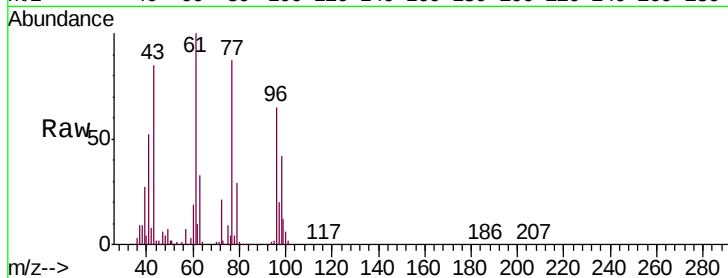
ICVW091618

Tgt Ion: 43 Resp: 139080

Ion Ratio Lower Upper

43 100

72 24.3 21.1 31.7



#26

2,2-Dichloropropane

Concen: 48.844 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.00 min

Lab File: VW005407.D

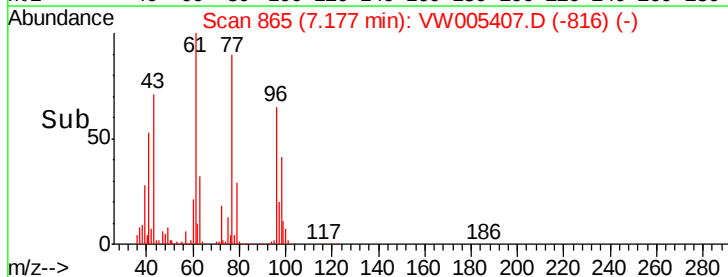
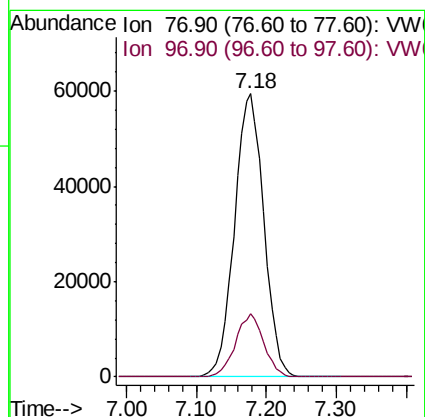
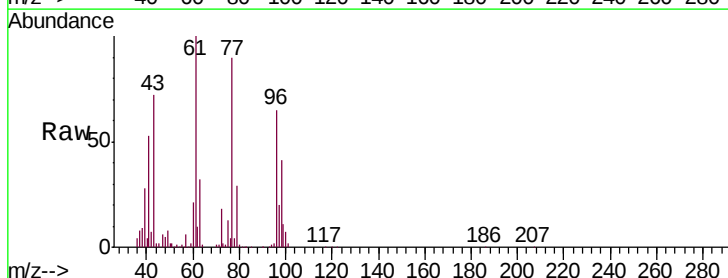
Acq: 15 Sep 2018 02:13

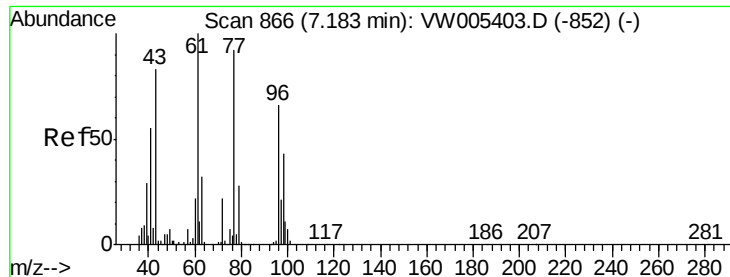
Tgt Ion: 77 Resp: 172739

Ion Ratio Lower Upper

77 100

97 21.5 10.7 32.1



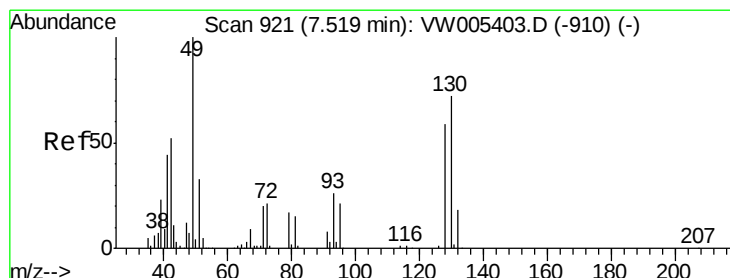
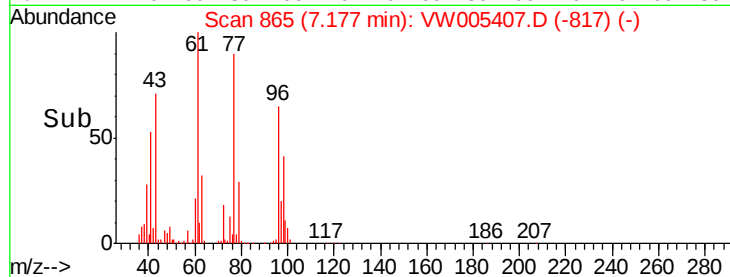
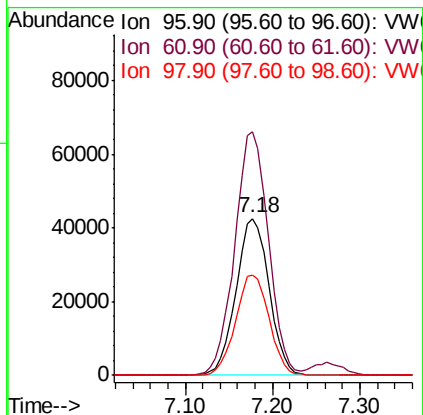
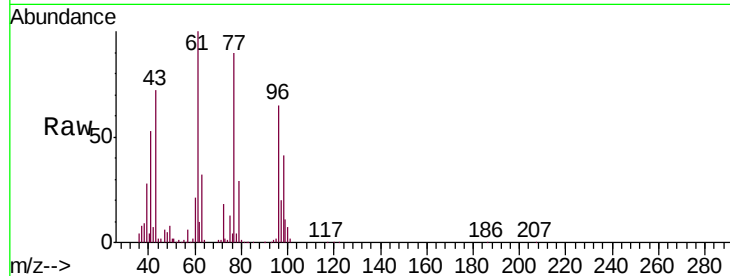


#27

cis-1,2-Dichloroethene
Concen: 48.537 ug/l
RT: 7.18 min Scan# 865
Delta R.T. -0.01 min
Lab File: VW005407.D
Acq: 15 Sep 2018 02:13

Instrument :
MSVOA_W
ClientSampleId :
ICVW091618

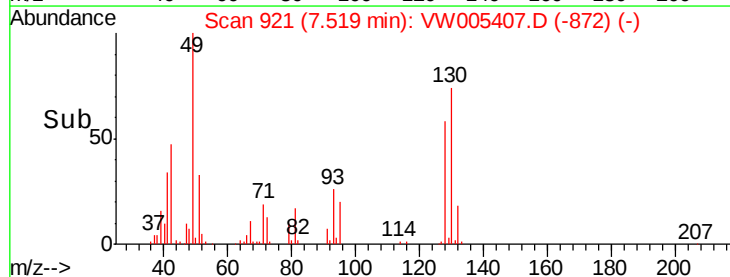
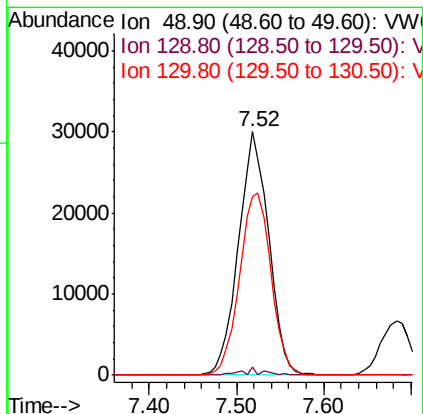
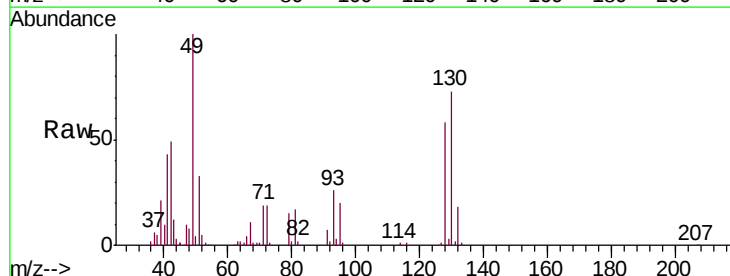
Tgt Ion	Ratio	Lower	Upper
96	100		
61	158.0	0.0	316.0
98	64.9	0.0	130.8

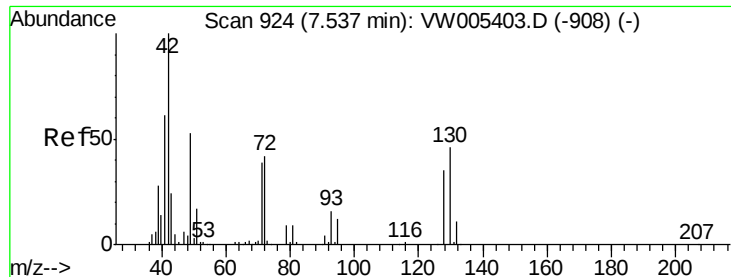


#28

Bromochloromethane
Concen: 47.016 ug/l
RT: 7.52 min Scan# 921
Delta R.T. -0.00 min
Lab File: VW005407.D
Acq: 15 Sep 2018 02:13

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.5	0.0	1.0
130	77.8	61.4	92.2

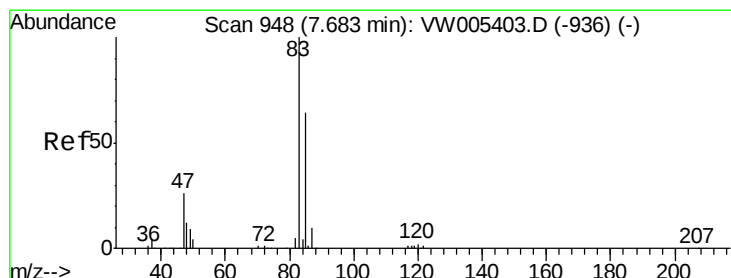
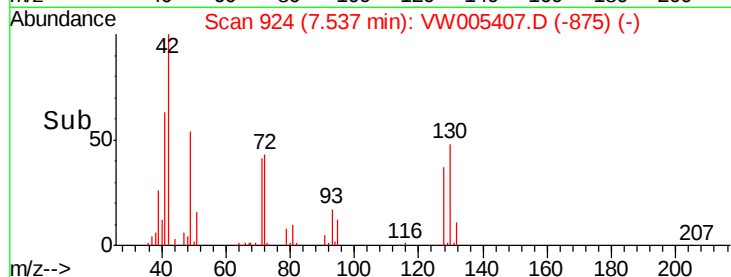
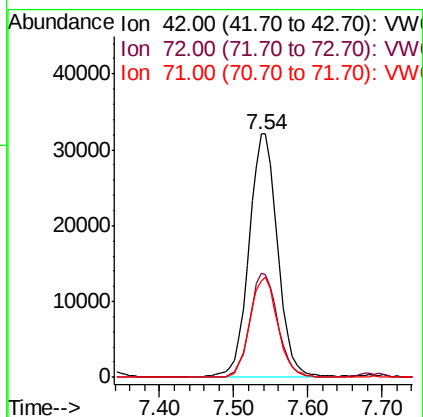
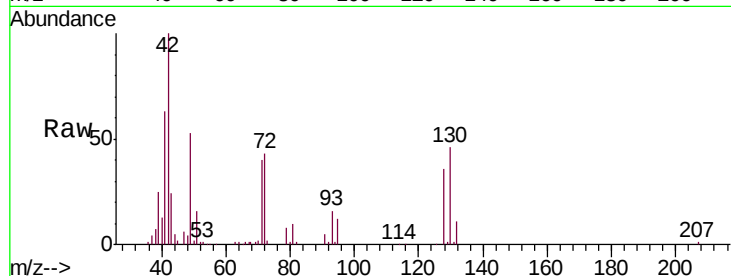




#29
Tetrahydrofuran
Concen: 237.500 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.00 min
Lab File: VW005407.D
Acq: 15 Sep 2018 02:13

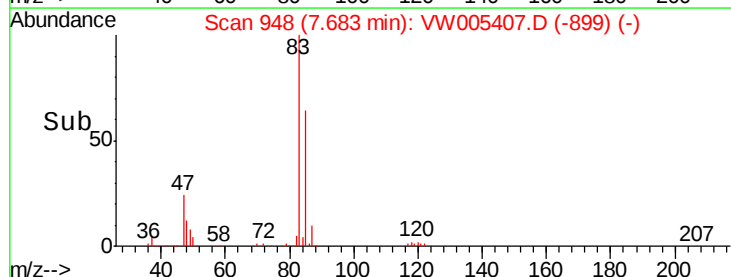
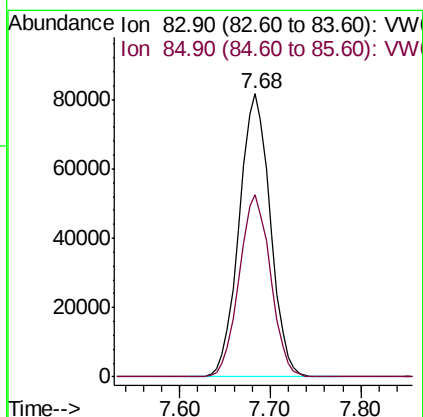
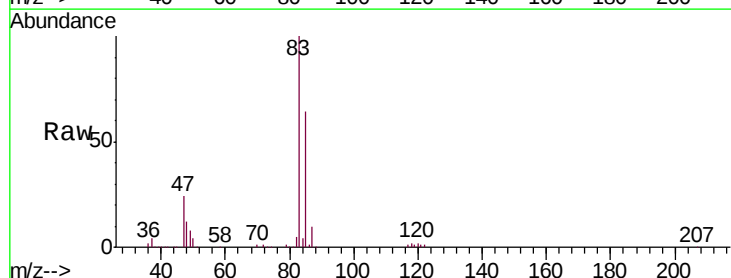
Instrument :
MSVOA_W
ClientSampleId :
ICVW091618

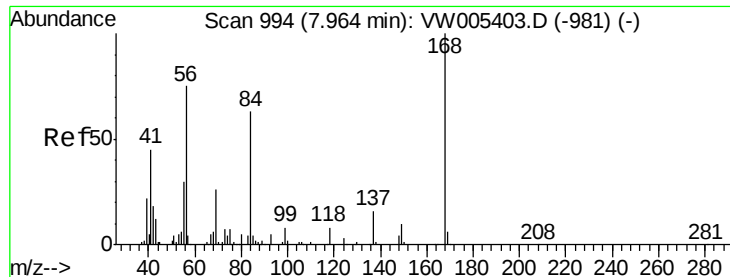
Tgt Ion: 42 Resp: 86730
Ion Ratio Lower Upper
42 100
72 41.4 33.2 49.8
71 40.0 31.0 46.6



#30
Chloroform
Concen: 47.649 ug/l
RT: 7.68 min Scan# 948
Delta R.T. -0.00 min
Lab File: VW005407.D
Acq: 15 Sep 2018 02:13

Tgt Ion: 83 Resp: 194535
Ion Ratio Lower Upper
83 100
85 64.5 51.5 77.3

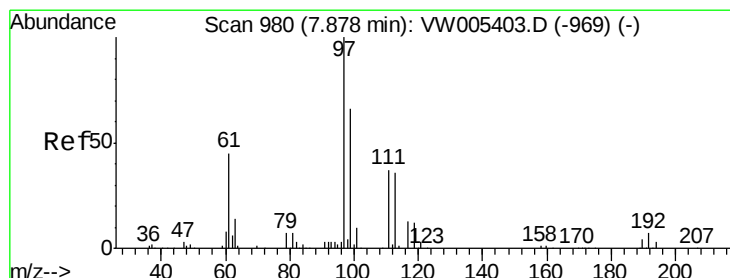
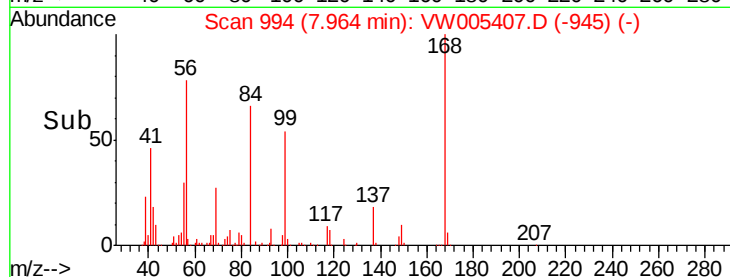
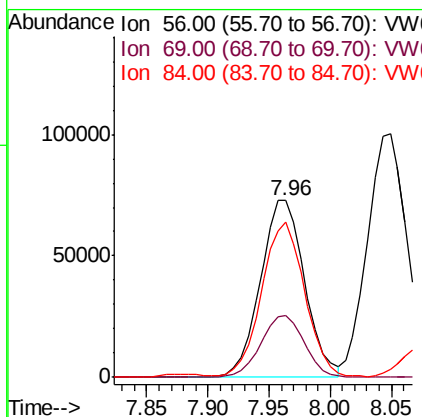
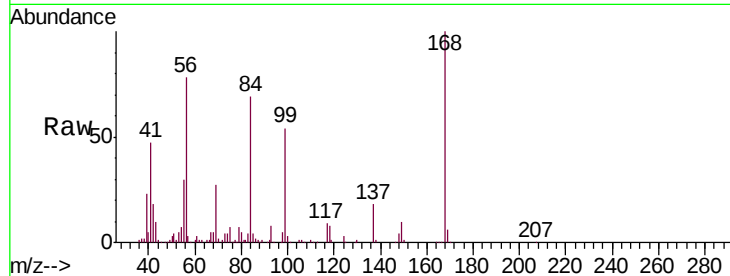




#31
Cyclohexane
Concen: 48.260 ug/l
RT: 7.96 min Scan# 994
Delta R.T. -0.00 min
Lab File: VW005407.D
Acq: 15 Sep 2018 02:13

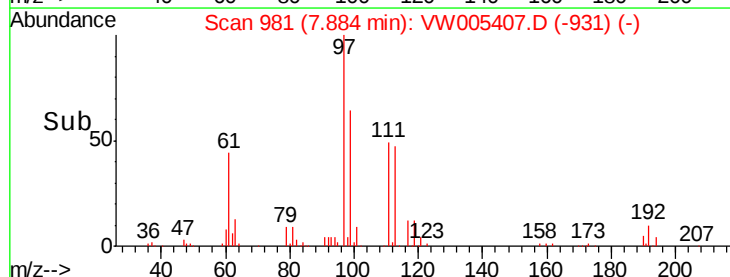
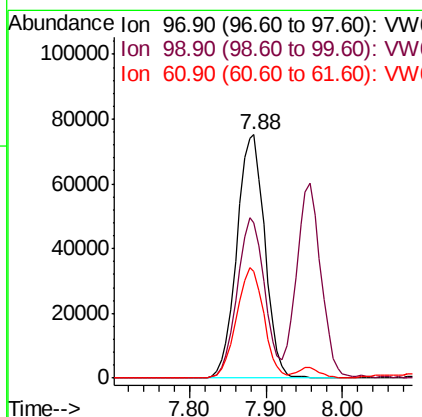
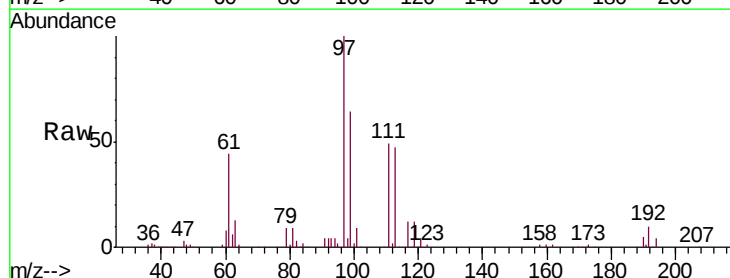
Instrument :
MSVOA_W
ClientSampleId :
ICVW091618

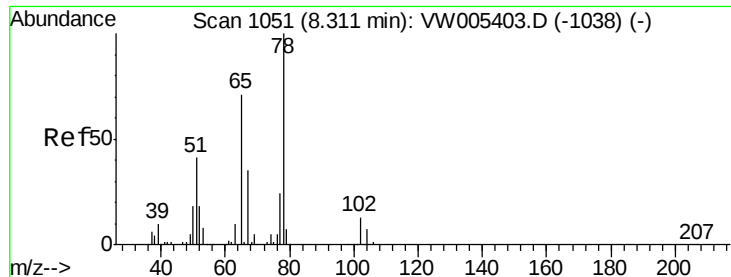
Tgt Ion: 56 Resp: 183550
Ion Ratio Lower Upper
56 100
69 34.8 27.2 40.8
84 85.8 66.7 100.1



#32
1,1,1-Trichloroethane
Concen: 50.103 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.01 min
Lab File: VW005407.D
Acq: 15 Sep 2018 02:13

Tgt Ion: 97 Resp: 190207
Ion Ratio Lower Upper
97 100
99 65.1 51.5 77.3
61 44.3 35.8 53.6





#33

1,2-Dichloroethane-d4

Concen: 47.208 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW005407.D

Acq: 15 Sep 2018 02:13

Instrument :

MSVOA_W

ClientSampleId :

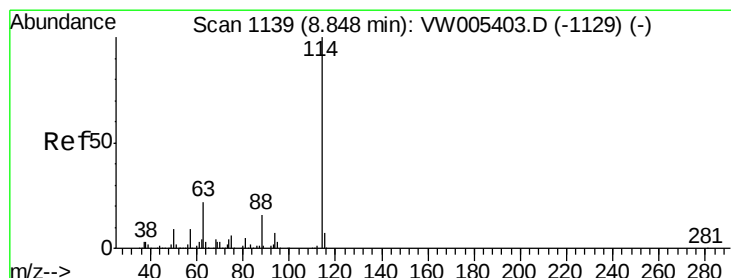
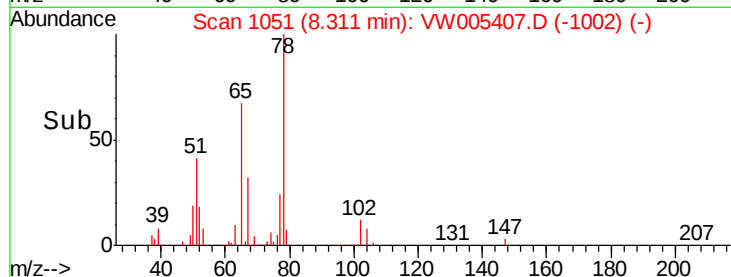
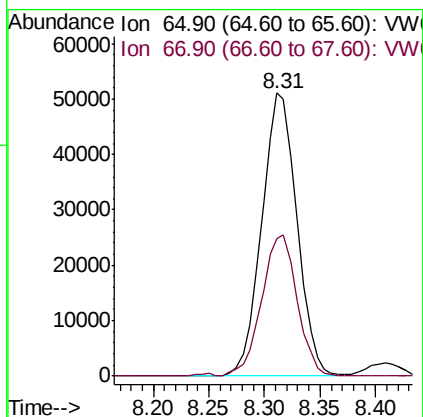
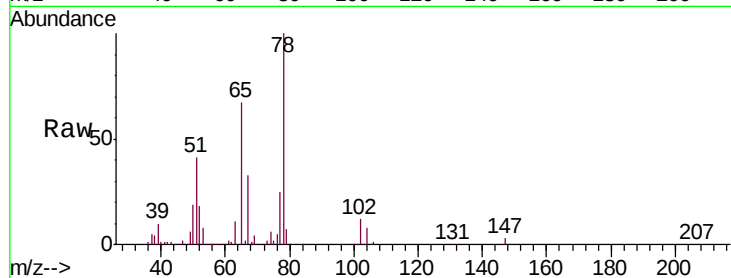
ICVW091618

Tgt Ion: 65 Resp: 112493

Ion Ratio Lower Upper

65 100

67 50.7 0.0 100.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. -0.00 min

Lab File: VW005407.D

Acq: 15 Sep 2018 02:13

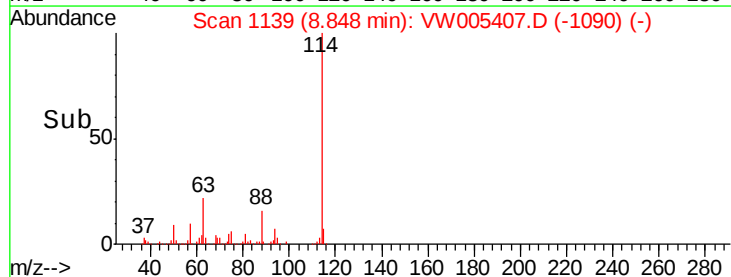
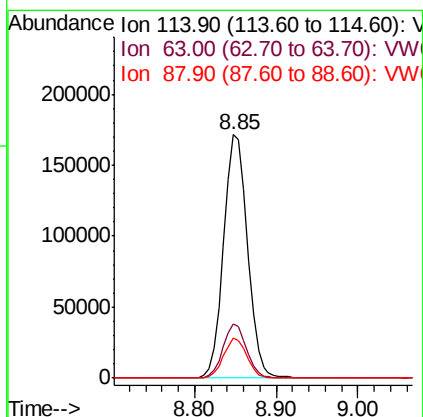
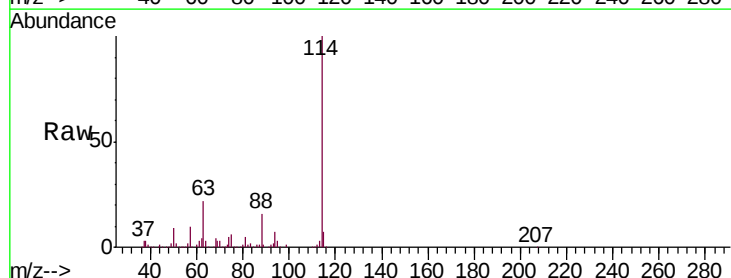
Tgt Ion: 114 Resp: 347470

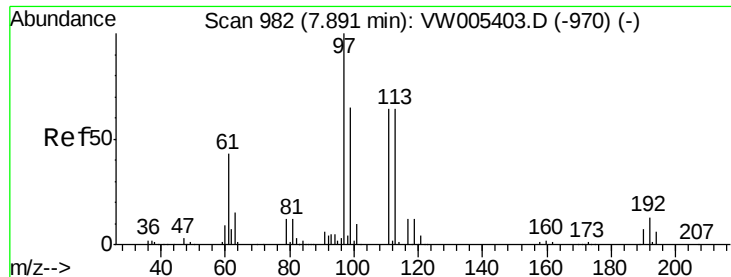
Ion Ratio Lower Upper

114 100

63 22.3 0.0 43.4

88 16.5 0.0 31.8





#35

Dibromofluoromethane

Concen: 47.584 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW005407.D

Acq: 15 Sep 2018 02:13

Instrument :

MSVOA_W

ClientSampleId :

ICVW091618

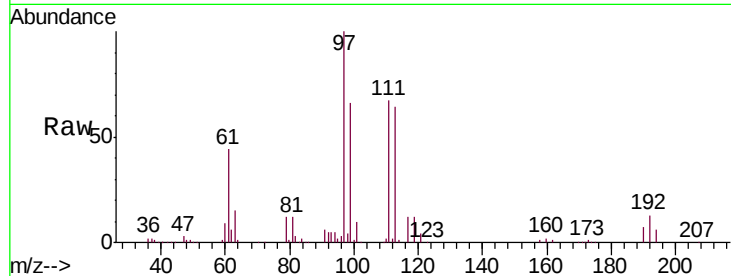
Tgt Ion:113 Resp: 92703

Ion Ratio Lower Upper

113 100

111 104.5 82.3 123.5

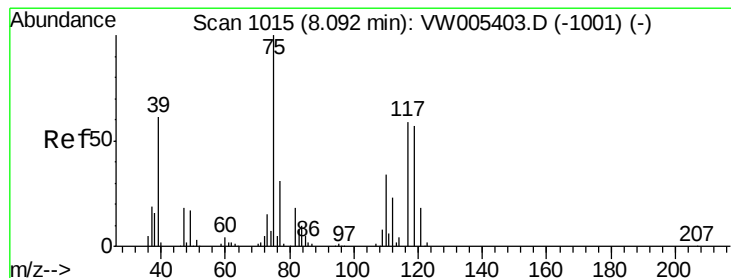
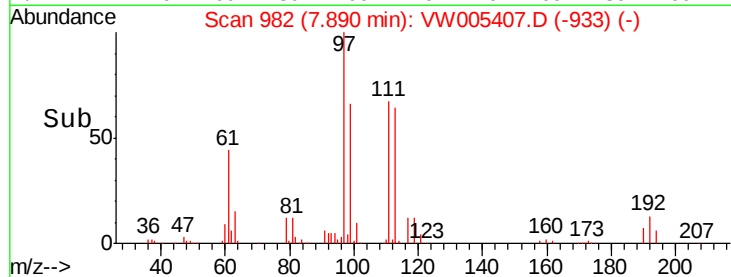
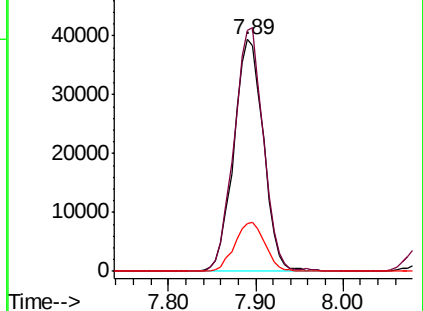
192 21.7 16.5 24.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 49.604 ug/l

RT: 8.09 min Scan# 1015

Delta R.T. -0.00 min

Lab File: VW005407.D

Acq: 15 Sep 2018 02:13

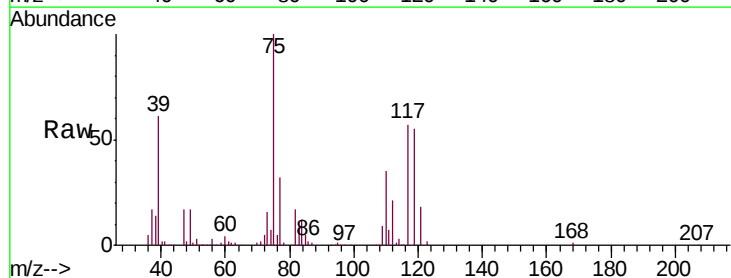
Tgt Ion: 75 Resp: 163118

Ion Ratio Lower Upper

75 100

110 34.2 16.8 50.4

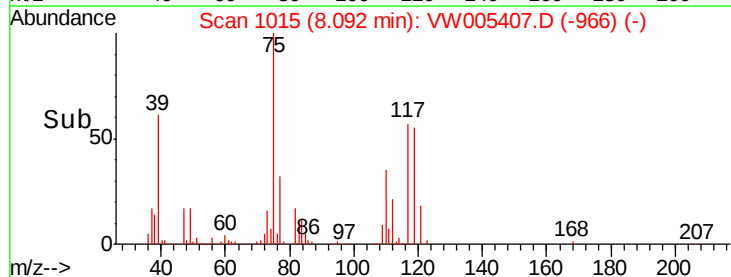
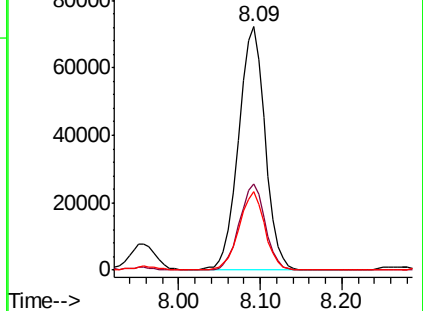
77 31.1 24.2 36.4

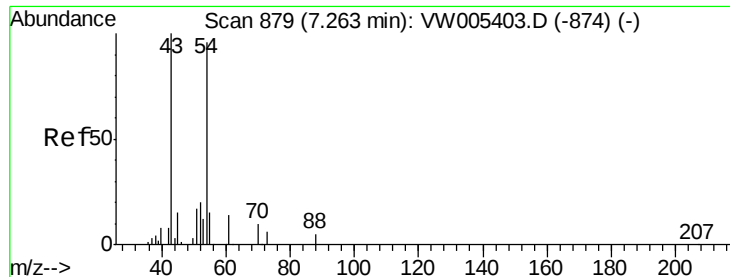


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

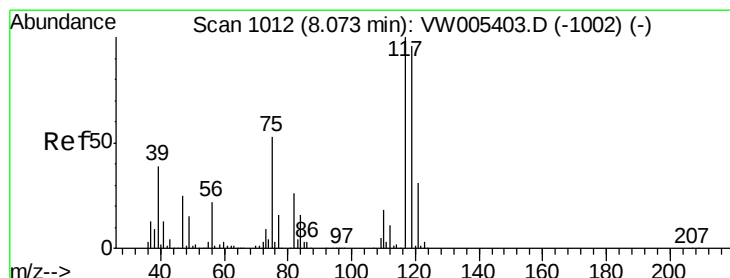
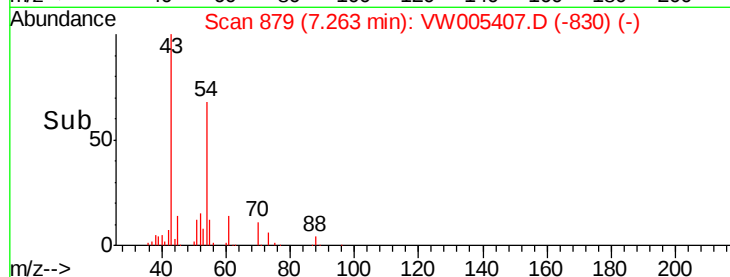
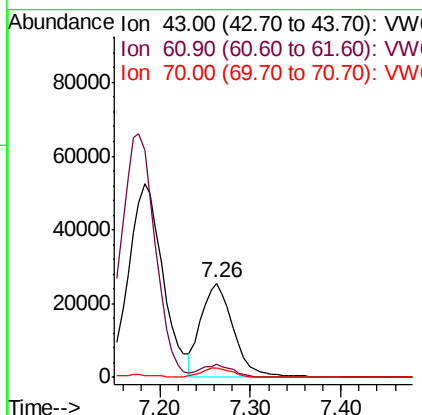
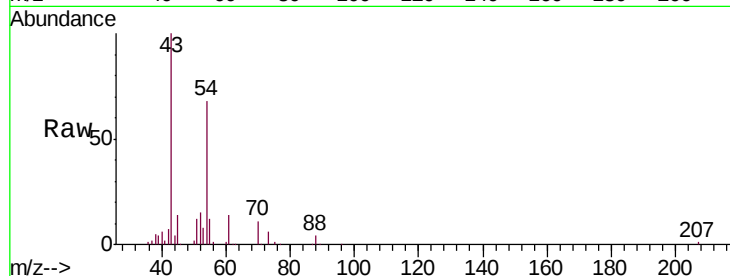




#37
Ethyl Acetate
Concen: 47.309 ug/l
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: VW005407.D
Acq: 15 Sep 2018 02:13

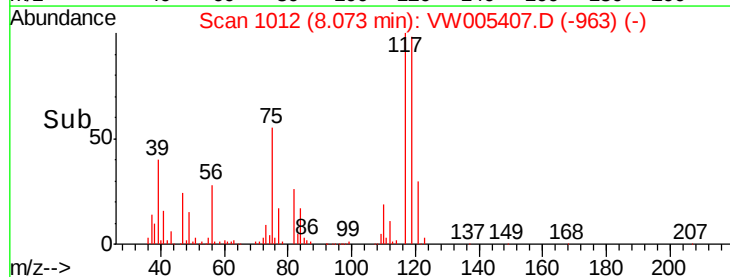
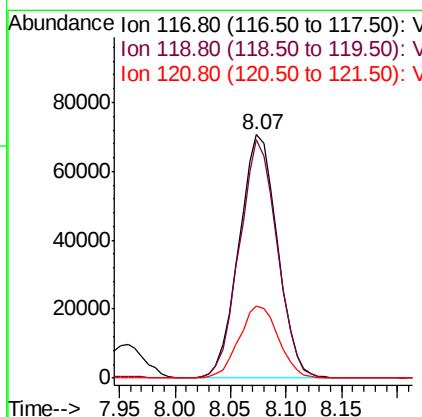
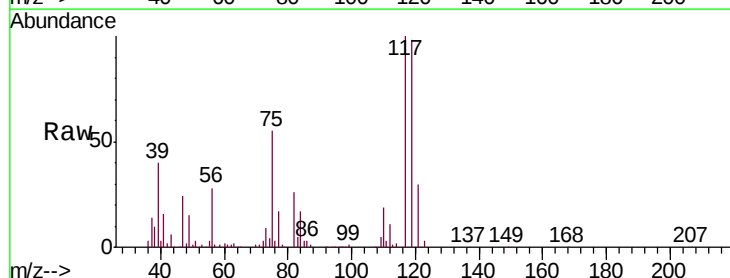
Instrument :
MSVOA_W
ClientSampleId :
ICVW091618

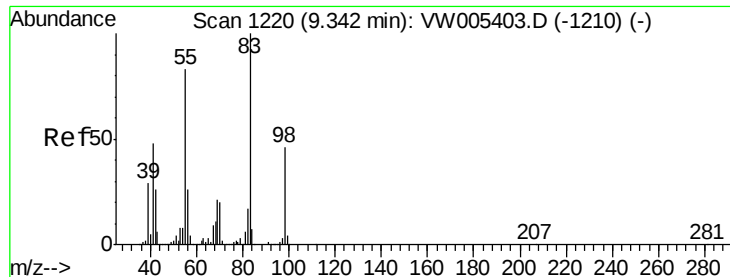
Tgt Ion: 43 Resp: 63266
Ion Ratio Lower Upper
43 100
61 13.4 11.3 16.9
70 10.2 8.2 12.4



#38
Carbon Tetrachloride
Concen: 49.320 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW005407.D
Acq: 15 Sep 2018 02:13

Tgt Ion: 117 Resp: 169003
Ion Ratio Lower Upper
117 100
119 97.8 76.8 115.2
121 29.7 24.7 37.1

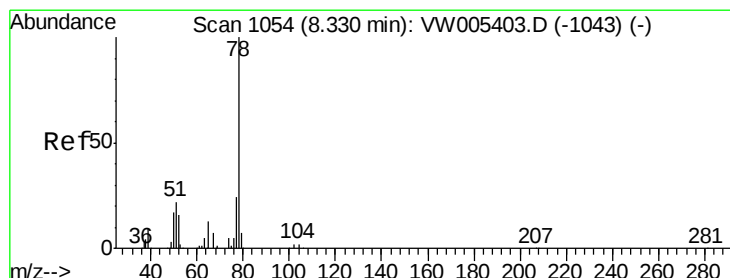
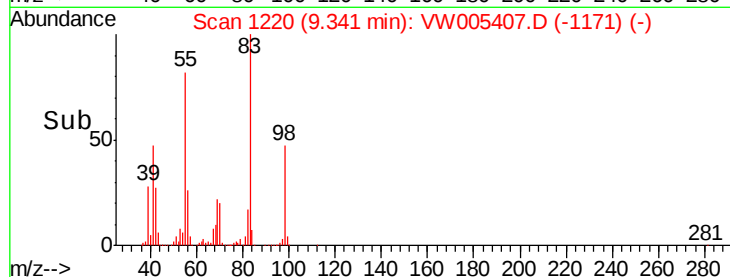
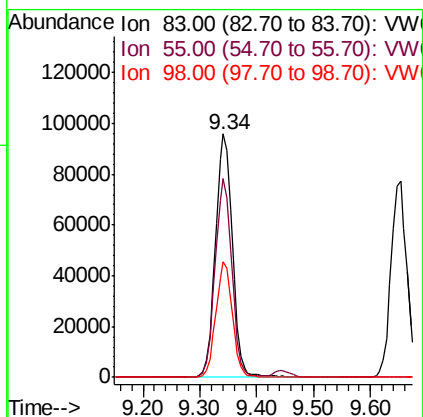
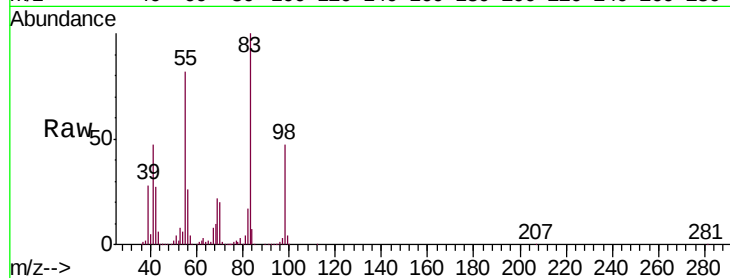




#39
Methylcyclohexane
Concen: 51.970 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW005407.D
Acq: 15 Sep 2018 02:13

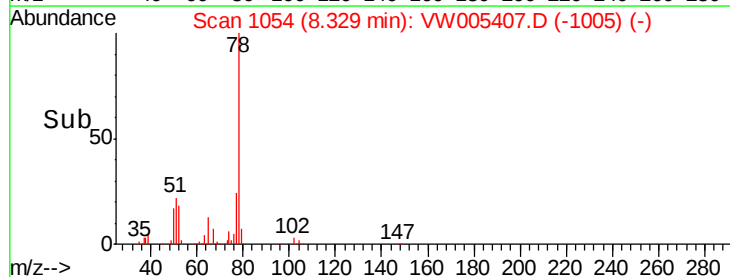
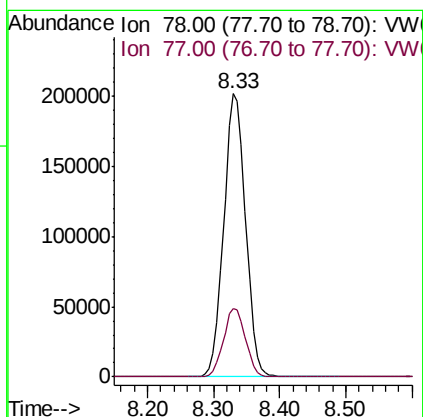
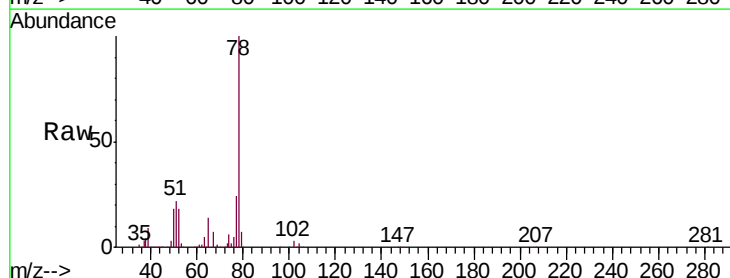
Instrument :
MSVOA_W
ClientSampleId :
ICVW091618

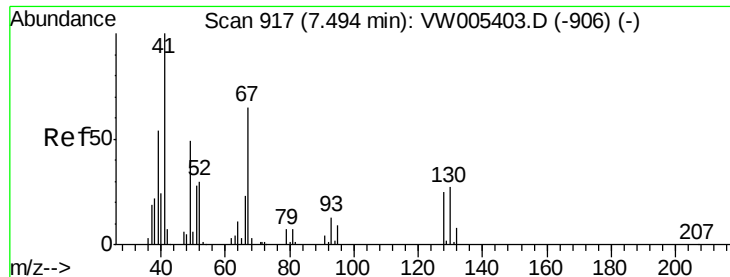
Tgt Ion: 83 Resp: 198580
Ion Ratio Lower Upper
83 100
55 81.6 66.1 99.1
98 47.3 36.7 55.1



#40
Benzene
Concen: 48.309 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW005407.D
Acq: 15 Sep 2018 02:13

Tgt Ion: 78 Resp: 460175
Ion Ratio Lower Upper
78 100
77 24.3 19.3 28.9

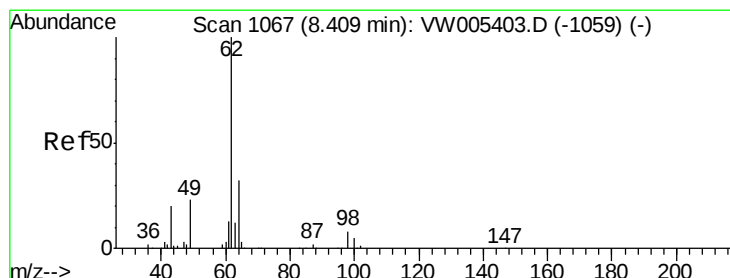
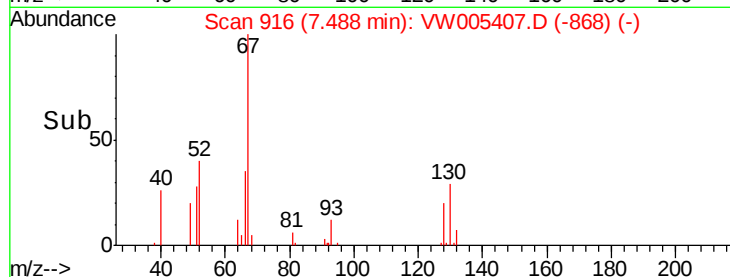
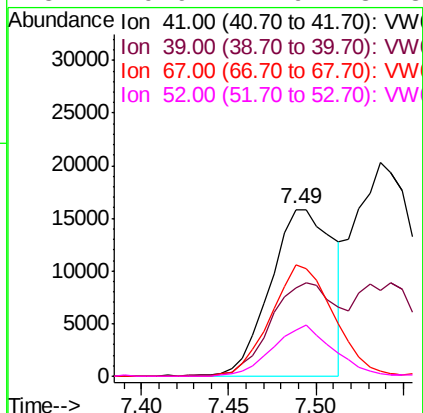
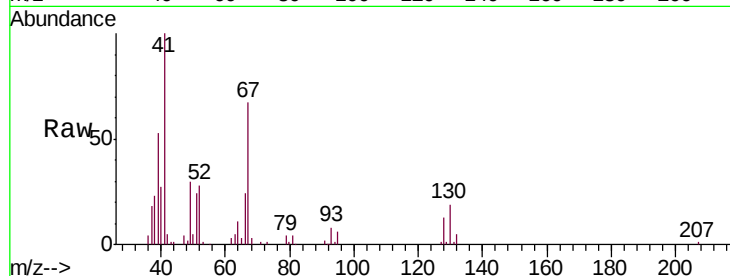




#41
Methacrylonitrile
Concen: 49.479 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.01 min
Lab File: VW005407.D
Acq: 15 Sep 2018 02:13

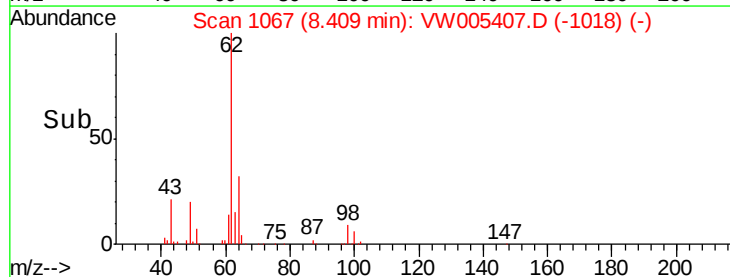
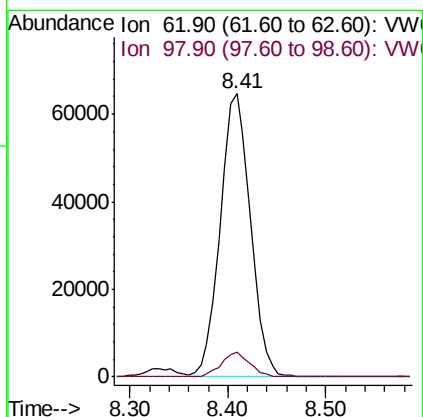
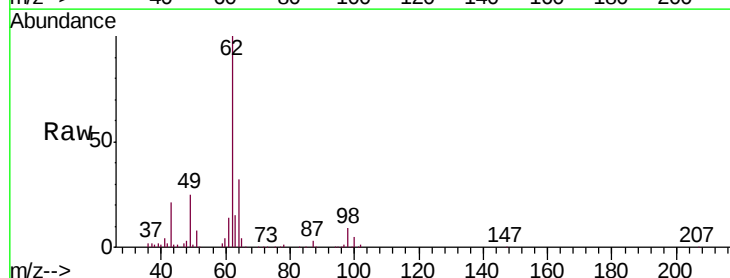
Instrument :
MSVOA_W
ClientSampleId :
ICVW091618

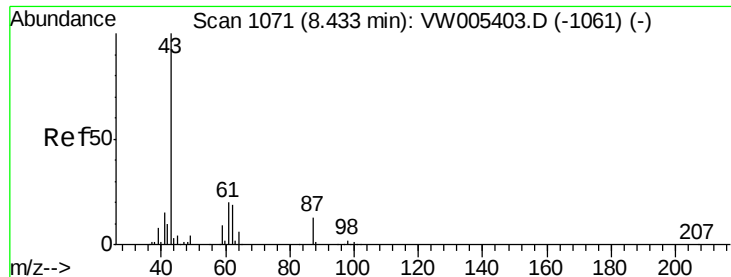
Tgt Ion:	41	Resp:	39920
Ion	Ratio	Lower	Upper
41	100		
39	61.6	44.6	67.0
67	66.8	53.6	80.4
52	29.9	24.9	37.3



#42
1,2-Dichloroethane
Concen: 46.401 ug/l
RT: 8.41 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VW005407.D
Acq: 15 Sep 2018 02:13

Tgt Ion:	62	Resp:	138348
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	15.6





#43

Isopropyl Acetate

Concen: 49.602 ug/l

RT: 8.43 min Scan# 1071

Delta R.T. -0.00 min

Lab File: VW005407.D

Acq: 15 Sep 2018 02:13

Instrument :

MSVOA_W

ClientSampleId :

ICVW091618

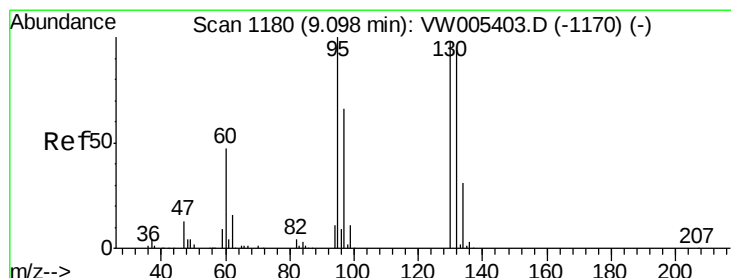
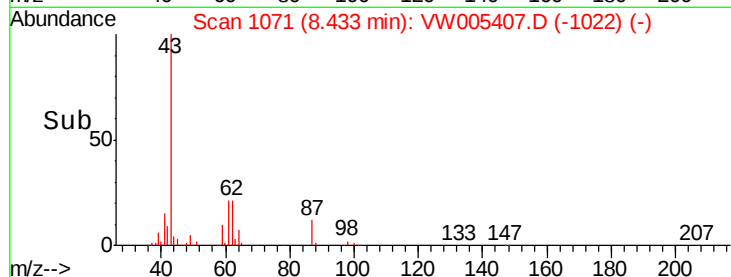
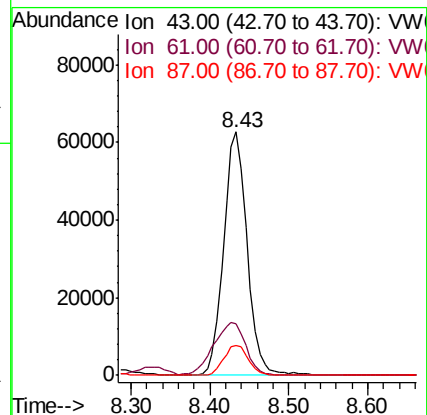
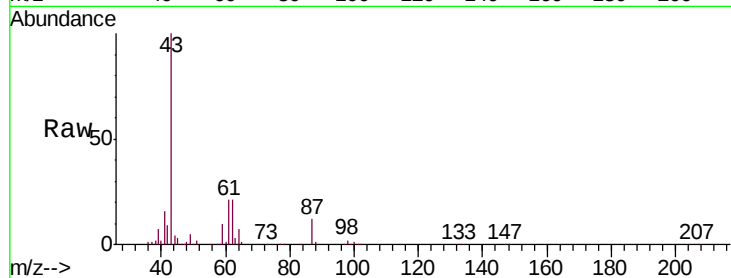
Tgt Ion: 43 Resp: 129451

Ion Ratio Lower Upper

43 100

61 29.7 23.8 35.6

87 12.8 10.1 15.1



#44

Trichloroethene

Concen: 48.718 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VW005407.D

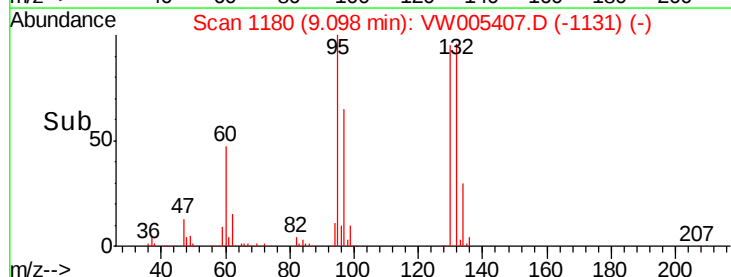
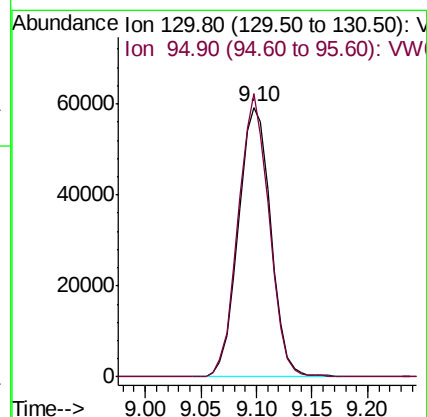
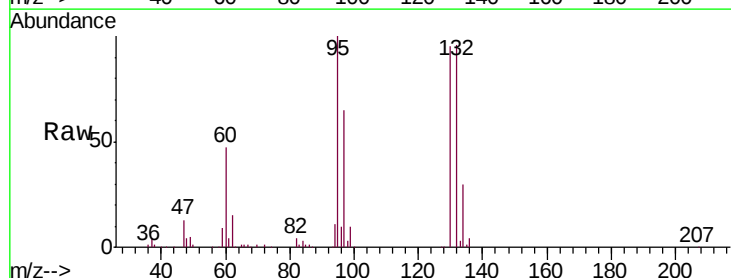
Acq: 15 Sep 2018 02:13

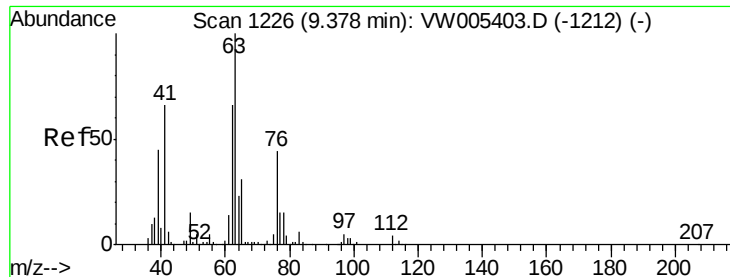
Tgt Ion: 130 Resp: 119447

Ion Ratio Lower Upper

130 100

95 104.9 0.0 204.6

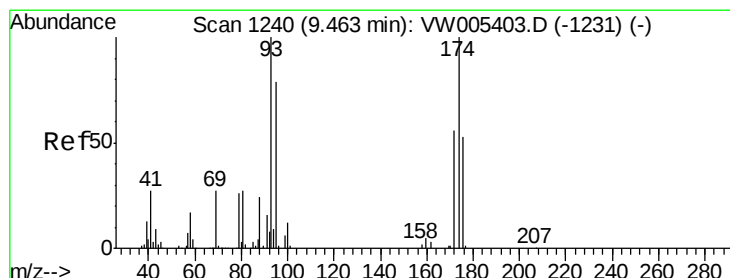
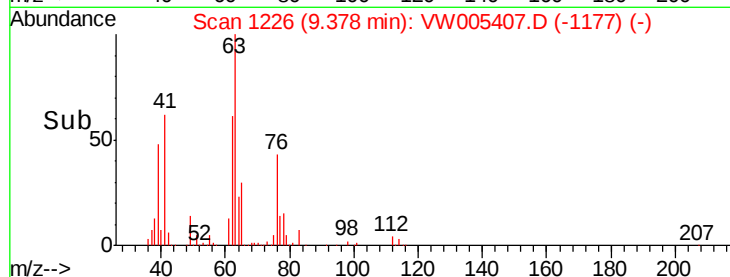
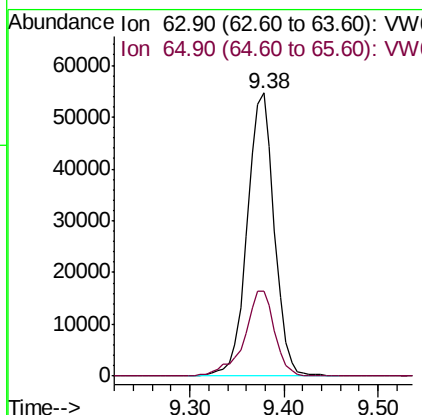
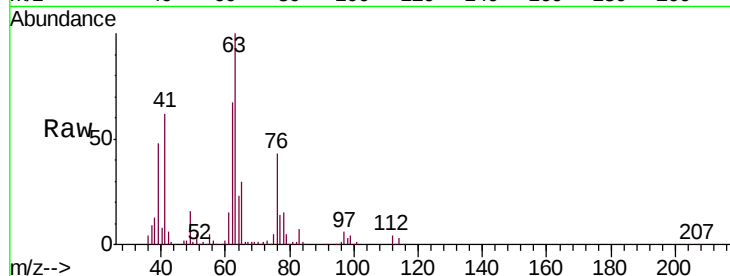




#45
 1,2-Dichloropropane
 Concen: 48.395 ug/l
 RT: 9.38 min Scan# 1226
 Delta R.T. -0.00 min
 Lab File: VW005407.D
 Acq: 15 Sep 2018 02:13

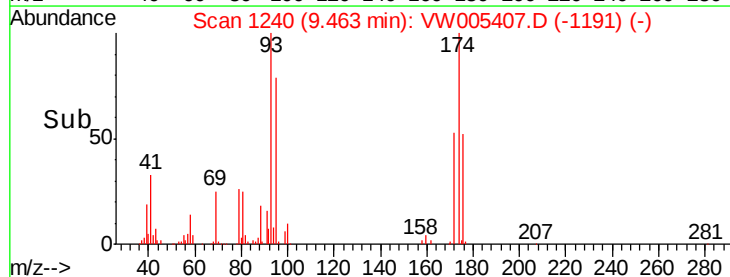
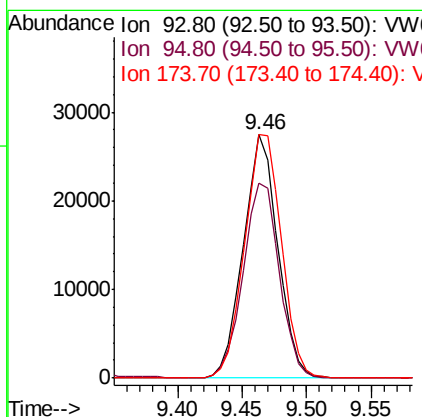
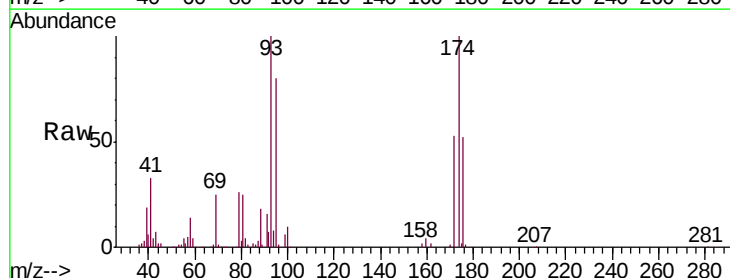
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW091618

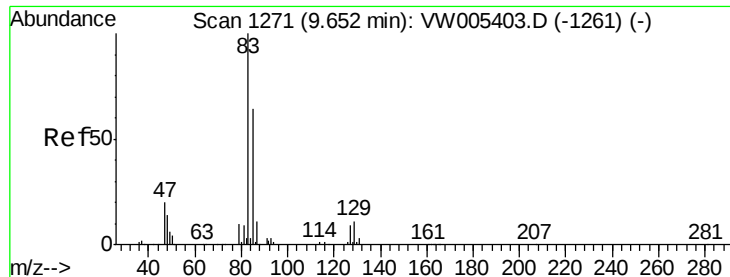
Tgt Ion: 63 Resp: 110143
 Ion Ratio Lower Upper
 63 100
 65 30.1 25.0 37.6



#46
 Dibromomethane
 Concen: 45.295 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW005407.D
 Acq: 15 Sep 2018 02:13

Tgt Ion: 93 Resp: 50711
 Ion Ratio Lower Upper
 93 100
 95 84.1 65.4 98.0
 174 106.8 83.4 125.2





#47

Bromodichloromethane

Concen: 48.718 ug/l

RT: 9.65 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VW005407.D

Acq: 15 Sep 2018 02:13

Instrument :

MSVOA_W

ClientSampleId :

ICVW091618

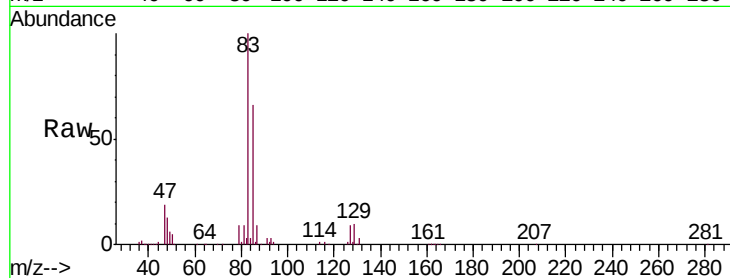
Tgt Ion: 83 Resp: 147779

Ion Ratio Lower Upper

83 100

85 66.0 50.9 76.3

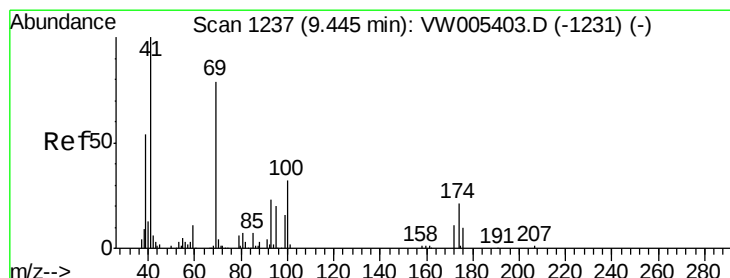
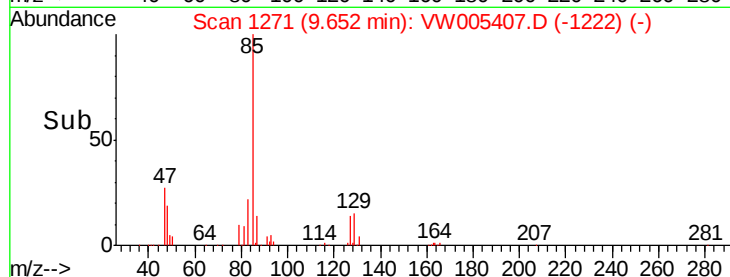
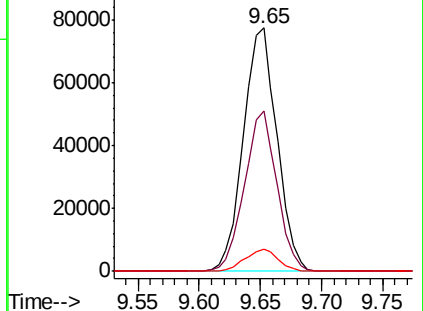
127 9.1 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 50.211 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VW005407.D

Acq: 15 Sep 2018 02:13

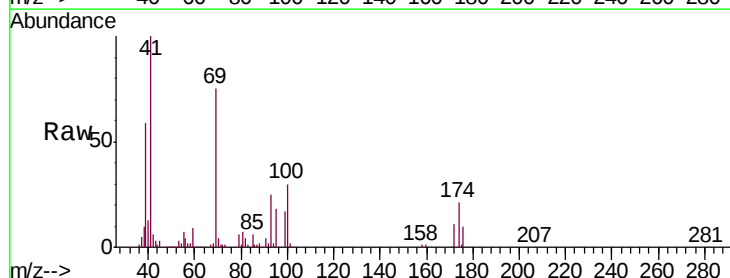
Tgt Ion: 41 Resp: 65398

Ion Ratio Lower Upper

41 100

69 80.0 67.5 101.3

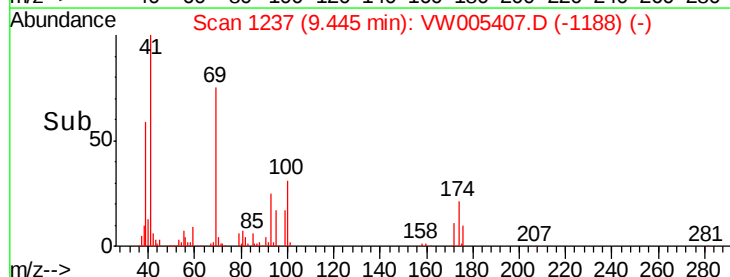
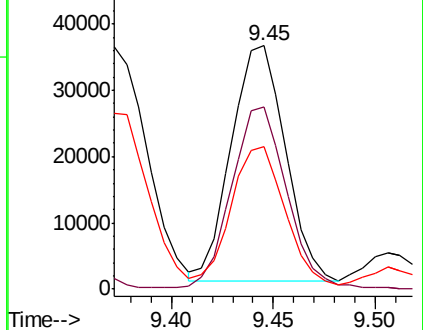
39 57.5 45.5 68.3

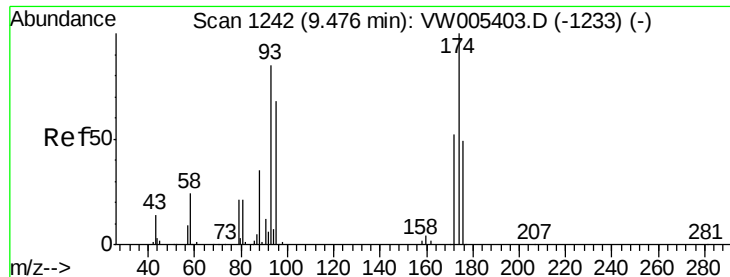


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

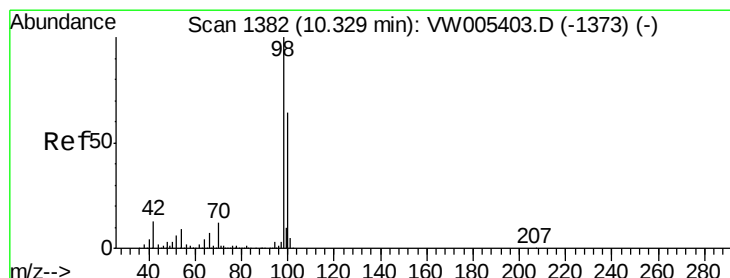
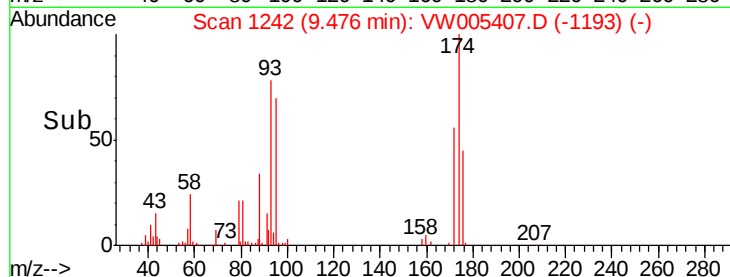
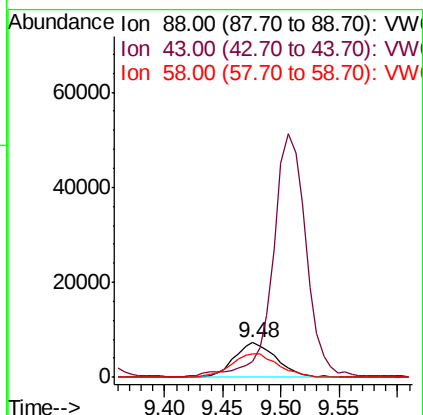
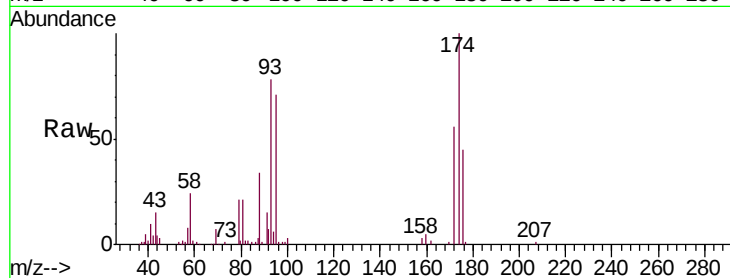




#49
 1,4-Dioxane
 Concen: 989.865 ug/l
 RT: 9.48 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VW005407.D
 Acq: 15 Sep 2018 02:13

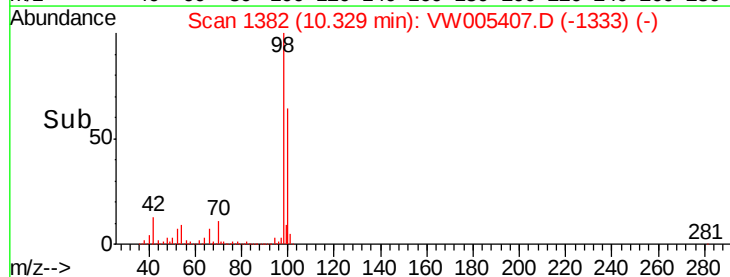
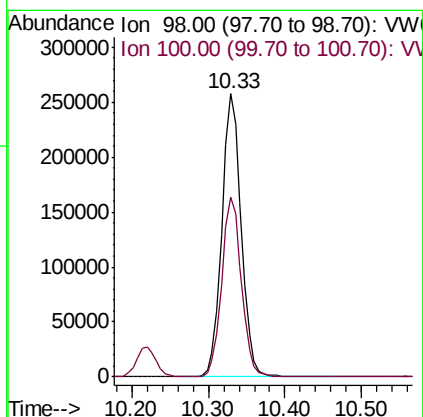
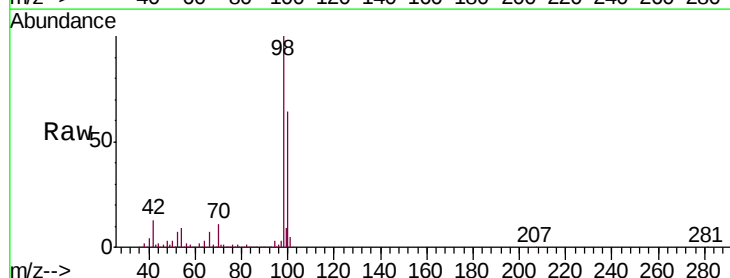
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW091618

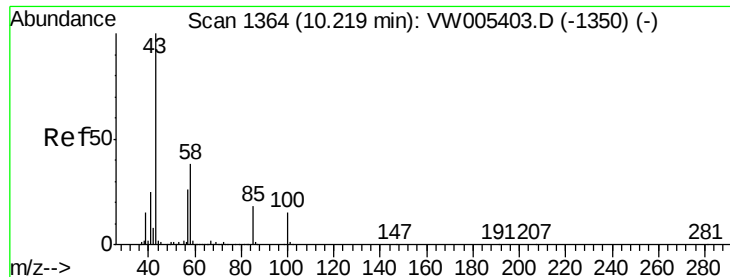
Tgt Ion: 88 Resp: 18471
 Ion Ratio Lower Upper
 88 100
 43 0.0 0.0 0.0
 58 76.9 62.4 93.6



#50
 Toluene-d8
 Concen: 50.315 ug/l
 RT: 10.33 min Scan# 1382
 Delta R.T. -0.00 min
 Lab File: VW005407.D
 Acq: 15 Sep 2018 02:13

Tgt Ion: 98 Resp: 448910
 Ion Ratio Lower Upper
 98 100
 100 64.8 51.4 77.0

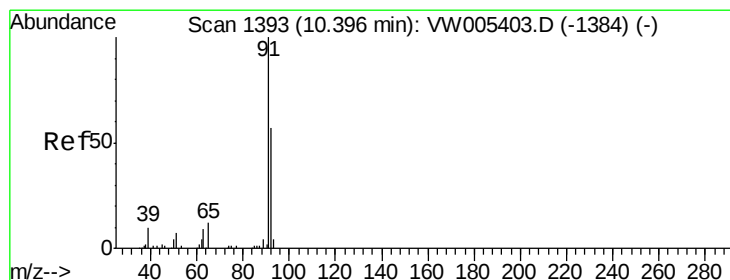
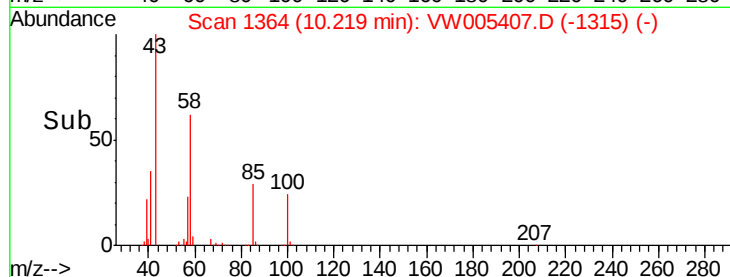
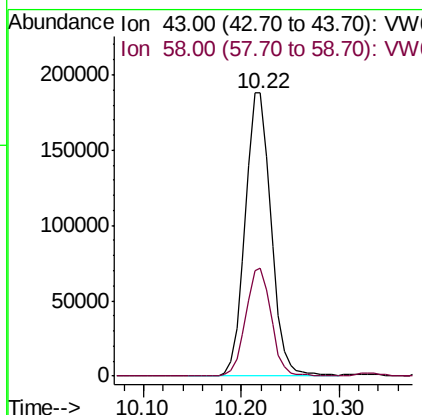
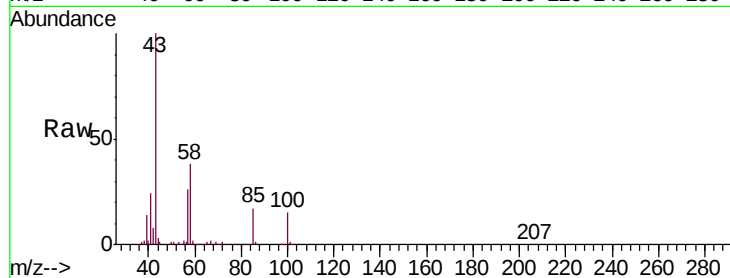




#51
 4-Methyl-2-Pentanone
 Concen: 257.329 ug/l
 RT: 10.22 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: VW005407.D
 Acq: 15 Sep 2018 02:13

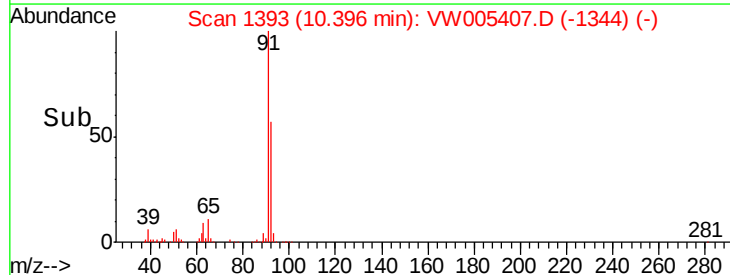
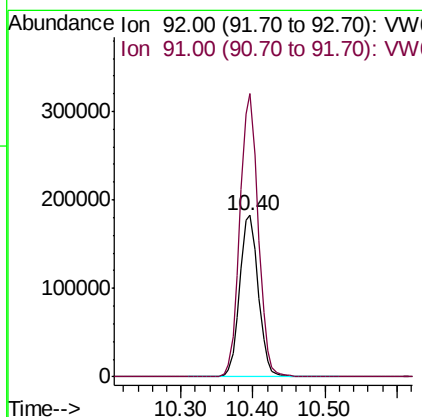
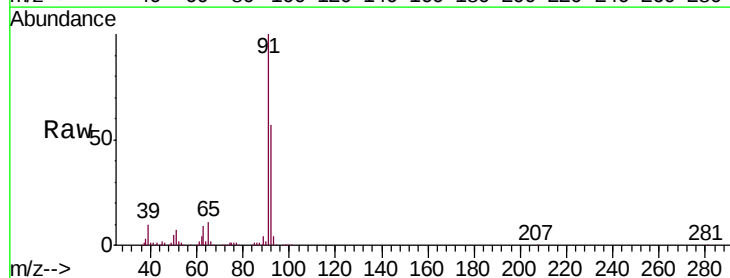
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW091618

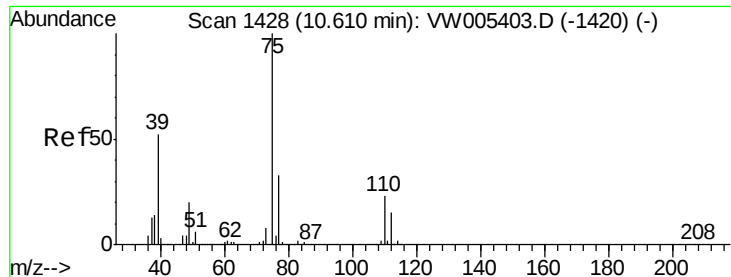
Tgt Ion: 43 Resp: 345723
 Ion Ratio Lower Upper
 43 100
 58 37.6 29.9 44.9



#52
 Toluene
 Concen: 50.755 ug/l
 RT: 10.40 min Scan# 1393
 Delta R.T. -0.00 min
 Lab File: VW005407.D
 Acq: 15 Sep 2018 02:13

Tgt Ion: 92 Resp: 327420
 Ion Ratio Lower Upper
 92 100
 91 172.3 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 50.436 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW005407.D

Acq: 15 Sep 2018 02:13

Instrument :

MSVOA_W

ClientSampleId :

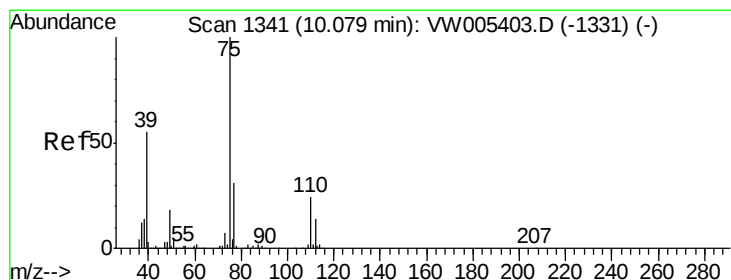
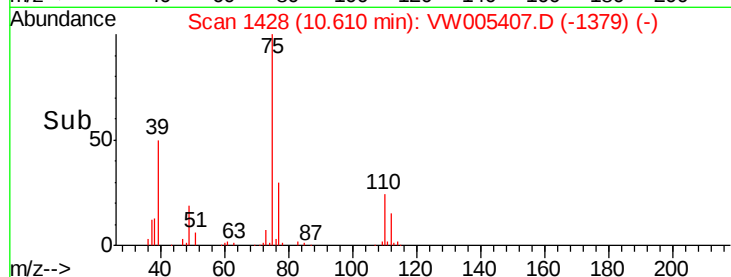
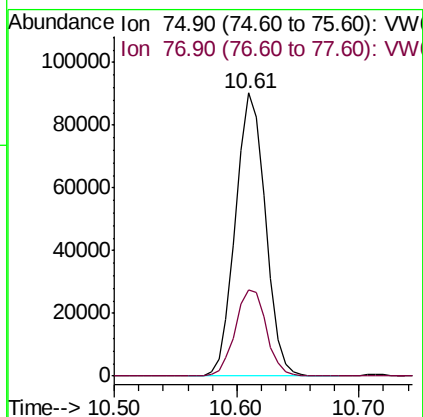
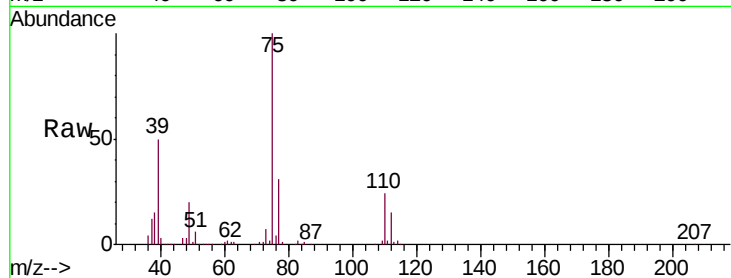
ICVW091618

Tgt Ion: 75 Resp: 153110

Ion Ratio Lower Upper

75 100

77 30.4 26.5 39.7



#54

cis-1,3-Dichloropropene

Concen: 50.624 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. -0.00 min

Lab File: VW005407.D

Acq: 15 Sep 2018 02:13

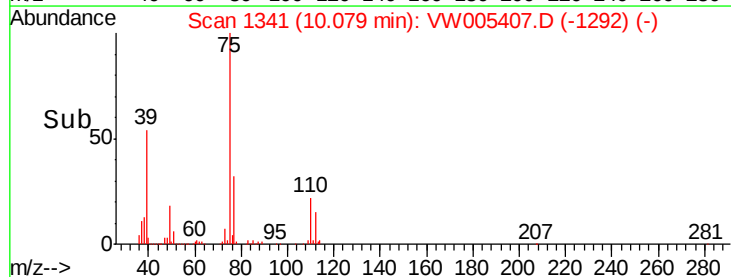
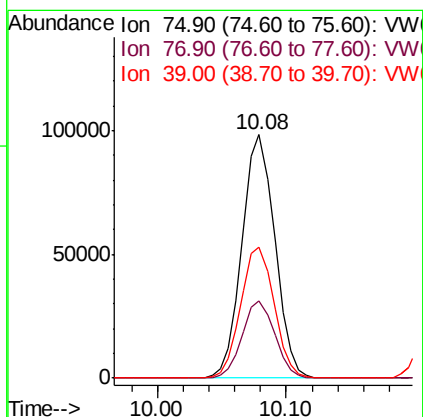
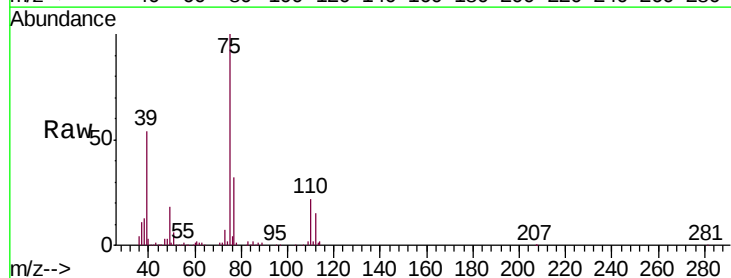
Tgt Ion: 75 Resp: 174008

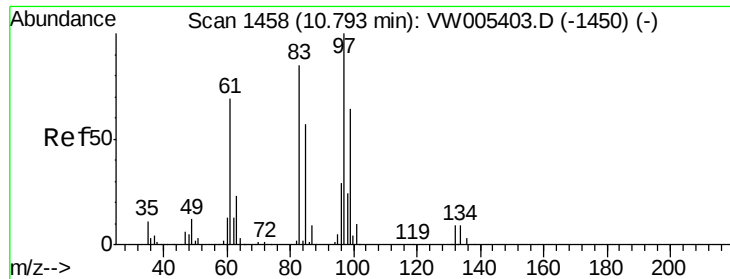
Ion Ratio Lower Upper

75 100

77 31.7 25.0 37.4

39 53.7 44.2 66.2

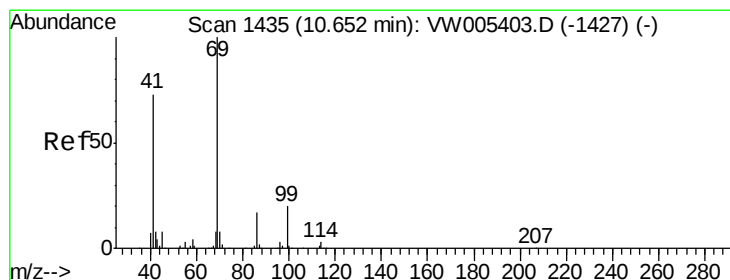
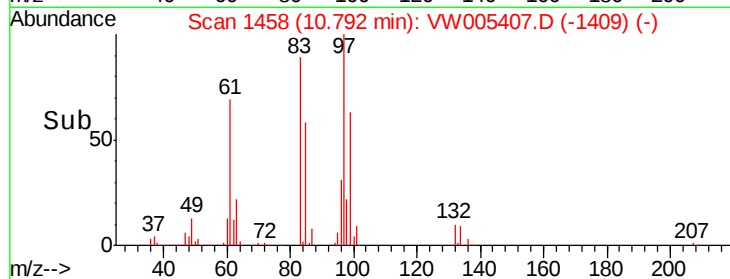
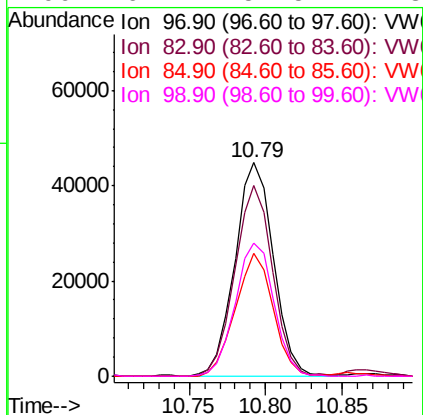
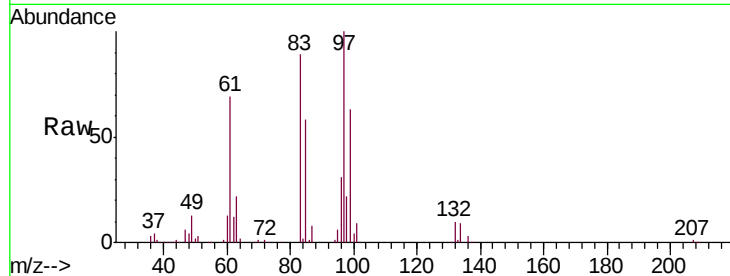




#55
 1,1,2-Trichloroethane
 Concen: 46.740 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW005407.D
 Acq: 15 Sep 2018 02:13

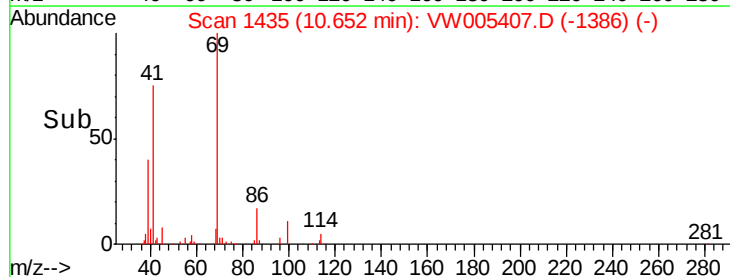
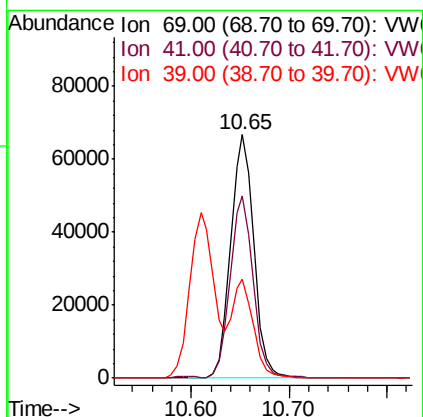
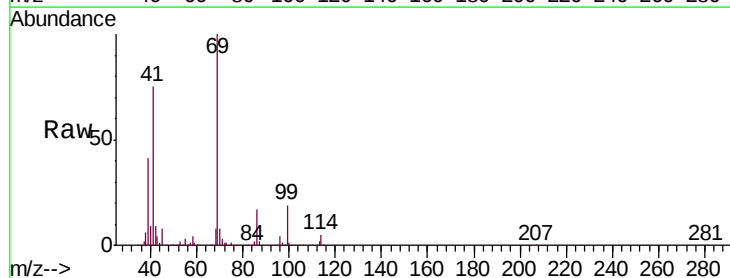
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW091618

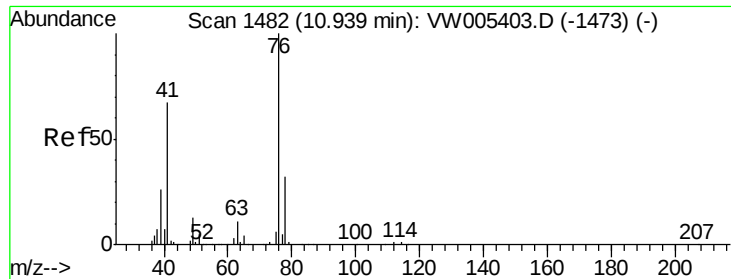
Tgt Ion:	97	Resp:	77774
Ion	Ratio	Lower	Upper
97	100		
83	89.2	67.8	101.8
85	57.5	45.4	68.0
99	62.7	51.5	77.3



#56
 Ethyl methacrylate
 Concen: 52.015 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: VW005407.D
 Acq: 15 Sep 2018 02:13

Tgt Ion:	69	Resp:	109552
Ion	Ratio	Lower	Upper
69	100		
41	73.4	59.3	88.9
39	37.3	30.2	45.4

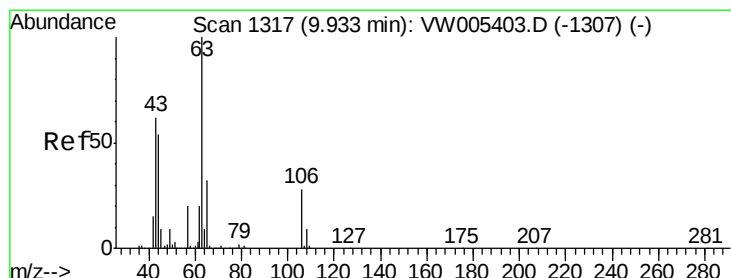
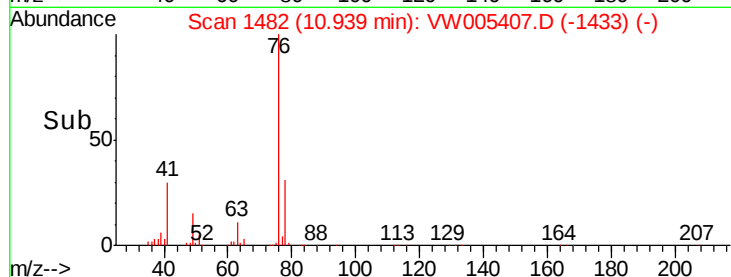
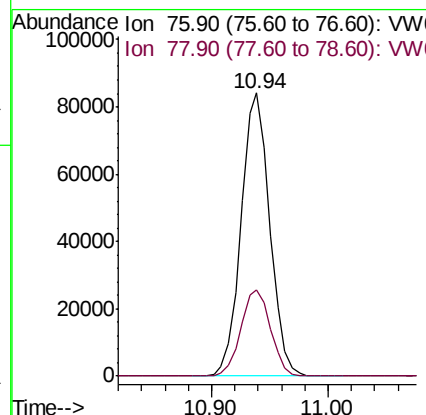
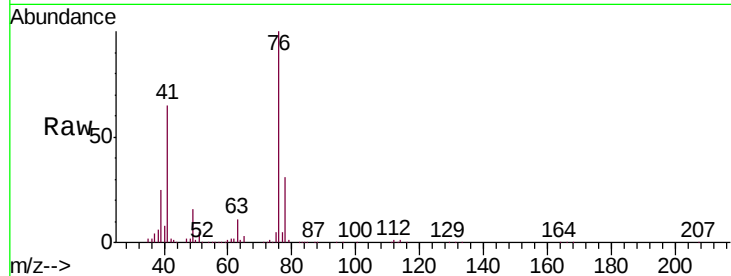




#57
 1,3-Dichloropropane
 Concen: 50.070 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: VW005407.D
 Acq: 15 Sep 2018 02:13

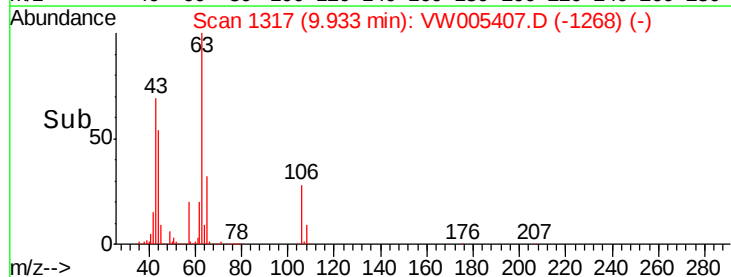
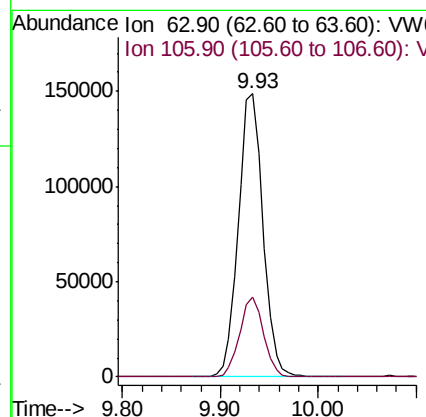
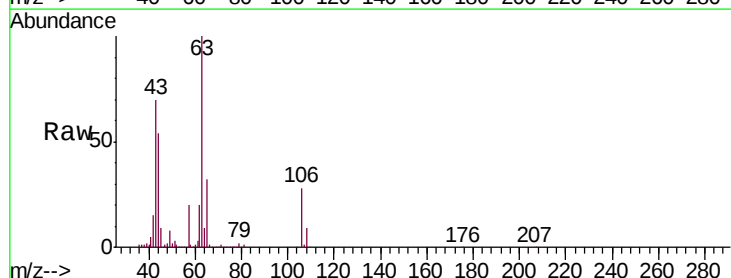
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW091618

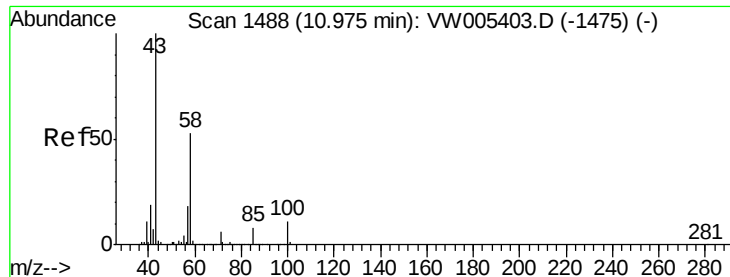
Tgt Ion: 76 Resp: 143811
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 273.451 ug/l
 RT: 9.93 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VW005407.D
 Acq: 15 Sep 2018 02:13

Tgt Ion: 63 Resp: 260489
 Ion Ratio Lower Upper
 63 100
 106 27.3 22.0 33.0

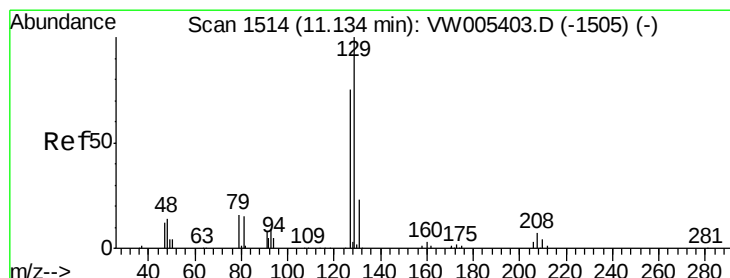
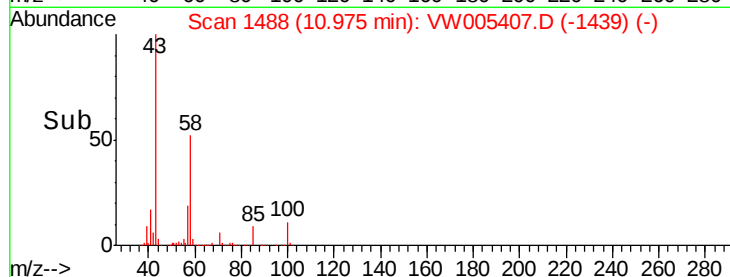
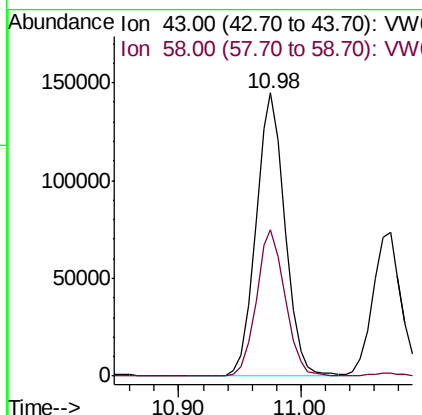
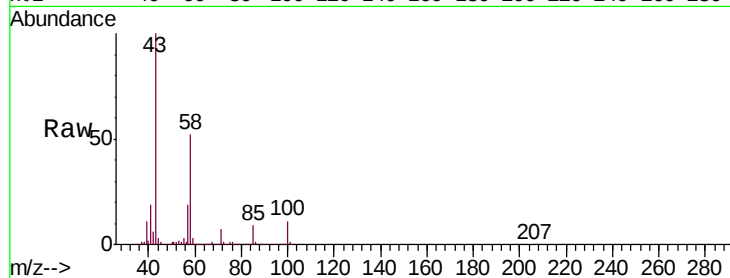




#59
2-Hexanone
Concen: 260.506 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW005407.D
Acq: 15 Sep 2018 02:13

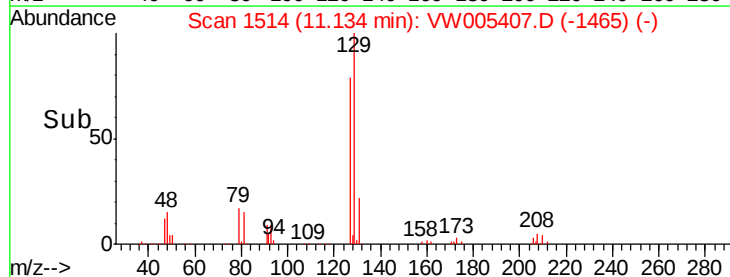
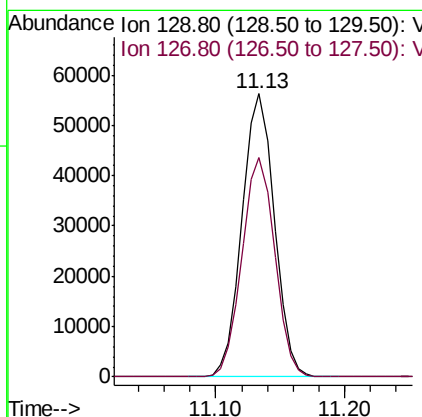
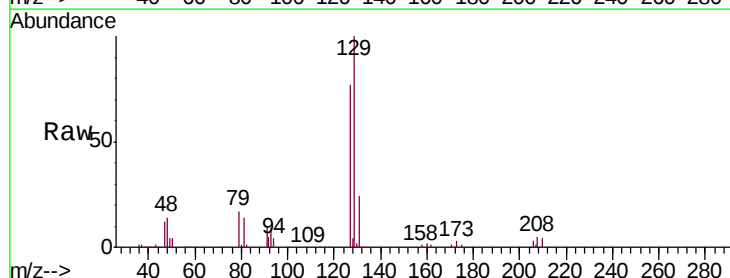
Instrument :
MSVOA_W
ClientSampleId :
ICVW091618

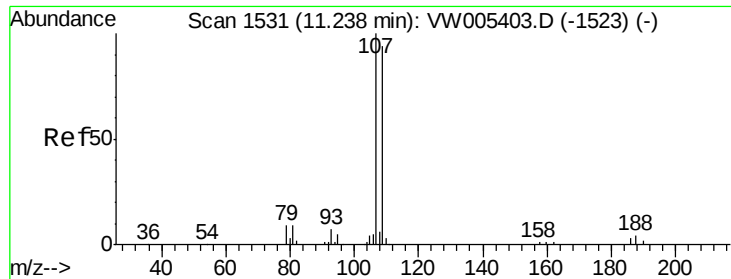
Tgt Ion: 43 Resp: 238402
Ion Ratio Lower Upper
43 100
58 51.5 25.5 76.5



#60
Dibromochloromethane
Concen: 48.803 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW005407.D
Acq: 15 Sep 2018 02:13

Tgt Ion: 129 Resp: 97707
Ion Ratio Lower Upper
129 100
127 78.6 38.5 115.3

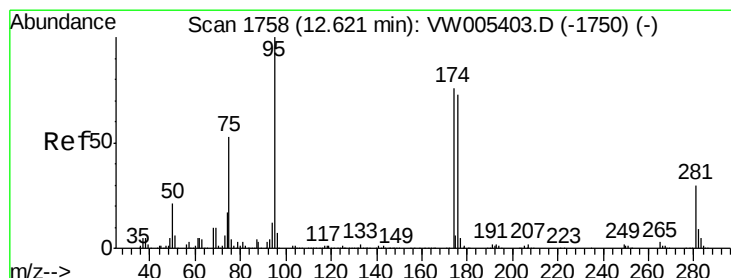
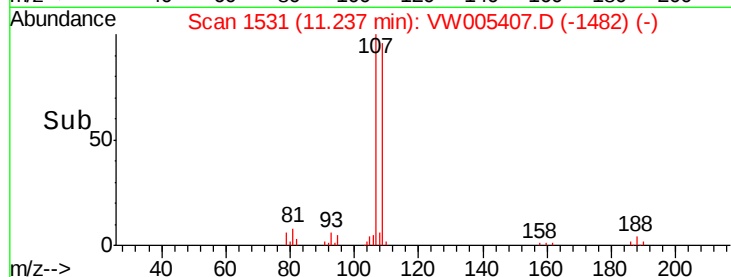
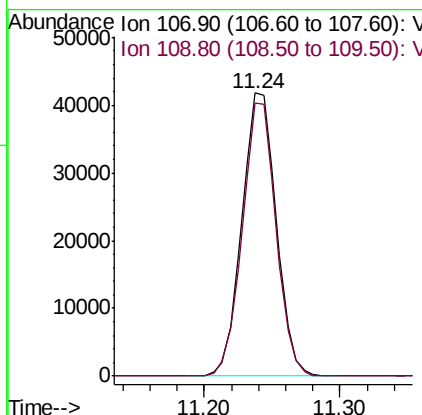
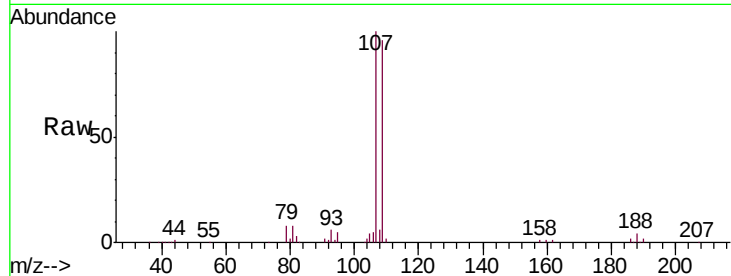




#61
 1,2-Dibromoethane
 Concen: 49.558 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW005407.D
 Acq: 15 Sep 2018 02:13

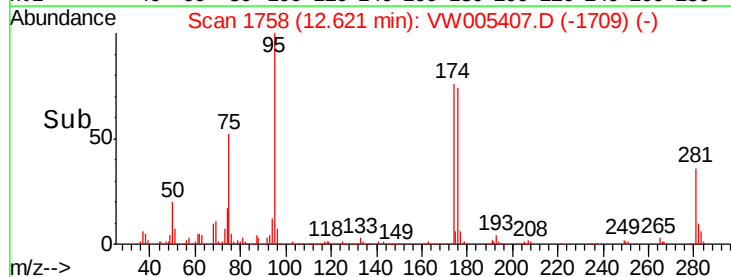
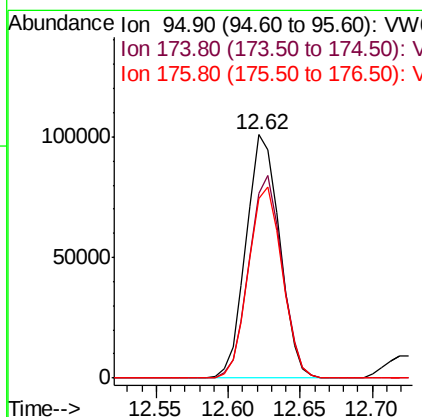
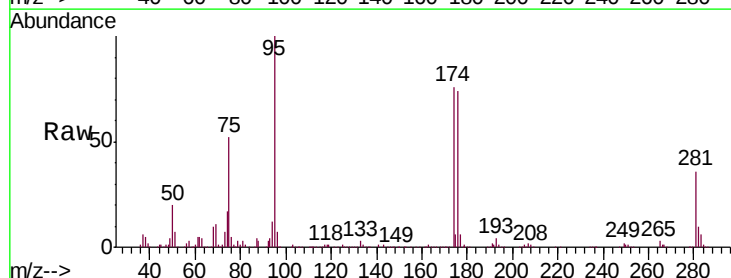
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW091618

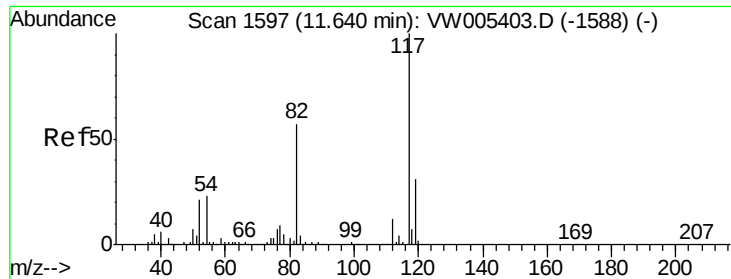
Tgt Ion: 107 Resp: 73956
 Ion Ratio Lower Upper
 107 100
 109 94.6 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 49.846 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW005407.D
 Acq: 15 Sep 2018 02:13

Tgt Ion: 95 Resp: 163067
 Ion Ratio Lower Upper
 95 100
 174 81.9 0.0 161.2
 176 79.2 0.0 156.6

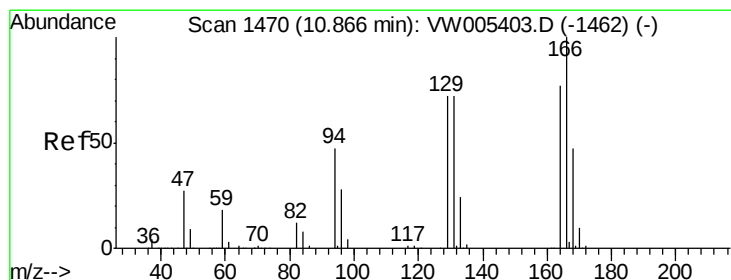
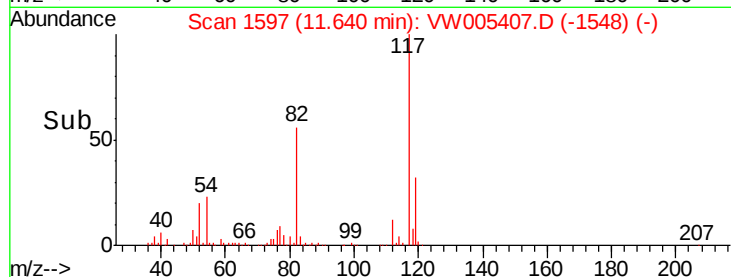
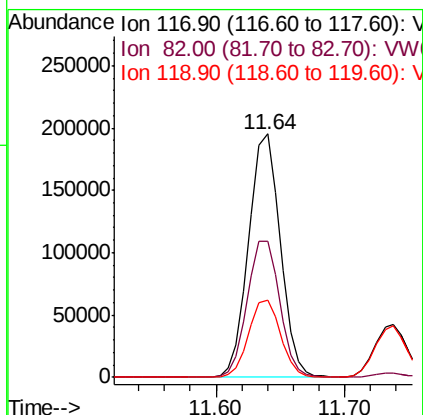
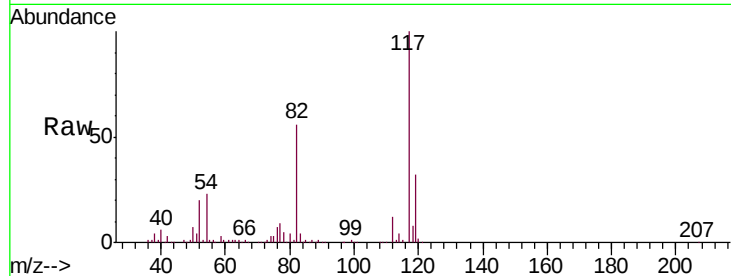




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005407.D
Acq: 15 Sep 2018 02:13

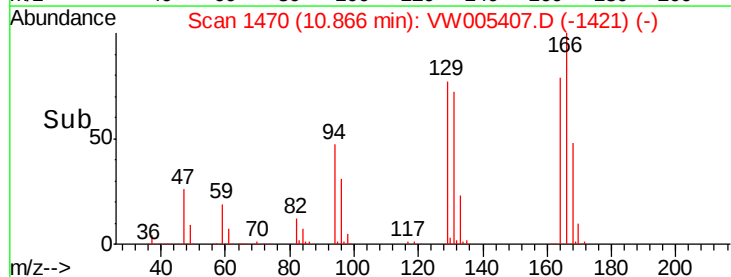
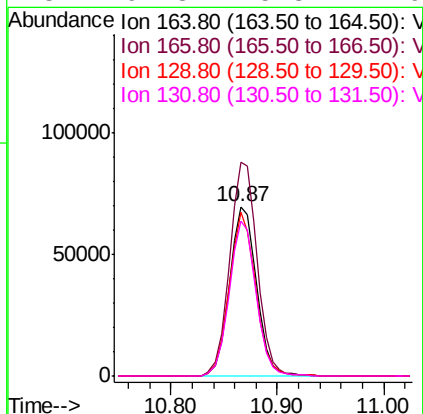
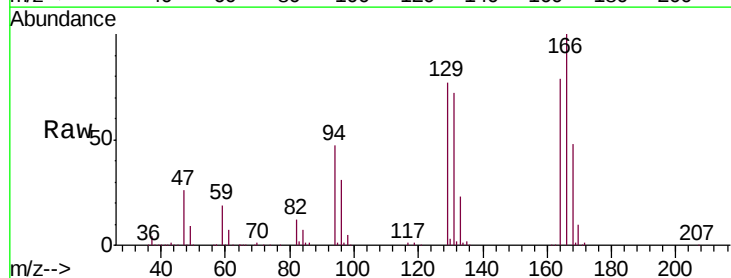
Instrument :
MSVOA_W
ClientSampleId :
ICVW091618

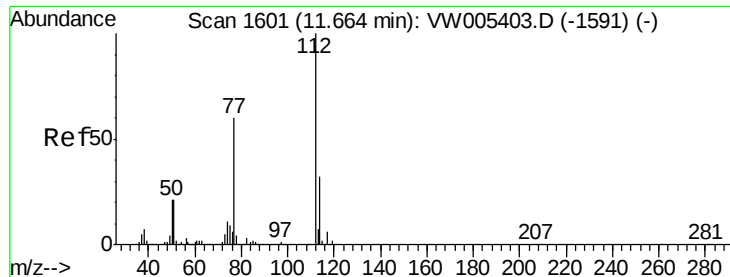
Tgt Ion:117 Resp: 332061
Ion Ratio Lower Upper
117 100
82 55.8 45.9 68.9
119 31.9 24.8 37.2



#64
Tetrachloroethene
Concen: 50.520 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005407.D
Acq: 15 Sep 2018 02:13

Tgt Ion:164 Resp: 123982
Ion Ratio Lower Upper
164 100
166 126.4 104.0 156.0
129 97.0 74.9 112.3
131 91.3 75.3 112.9

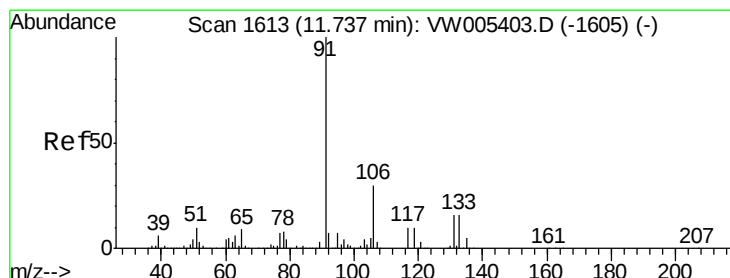
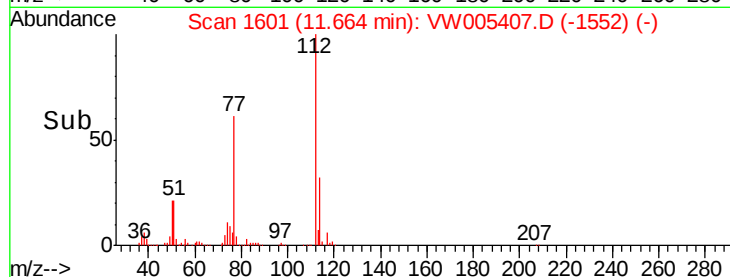
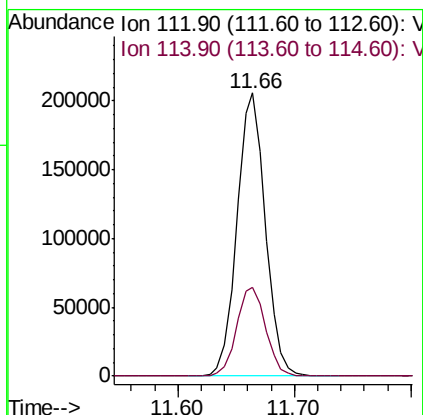
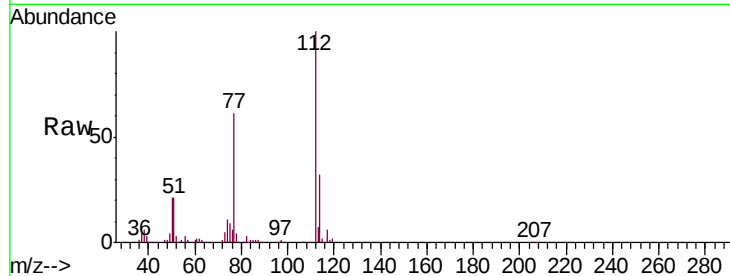




#65
Chlorobenzene
Concen: 49.444 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VW005407.D
Acq: 15 Sep 2018 02:13

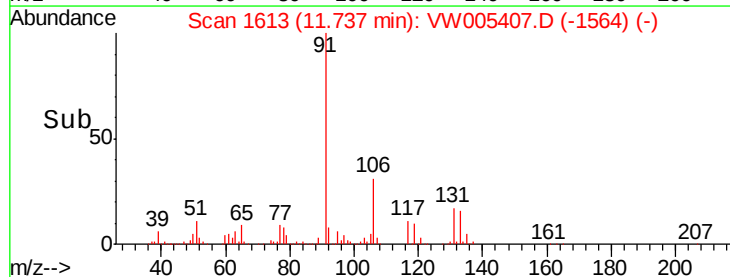
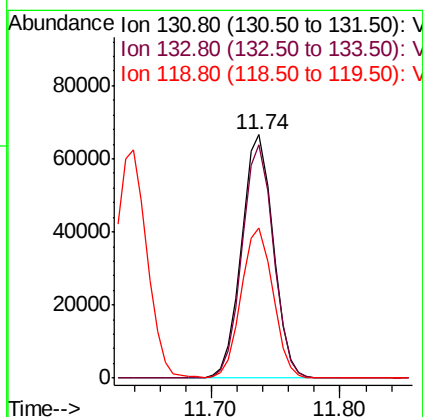
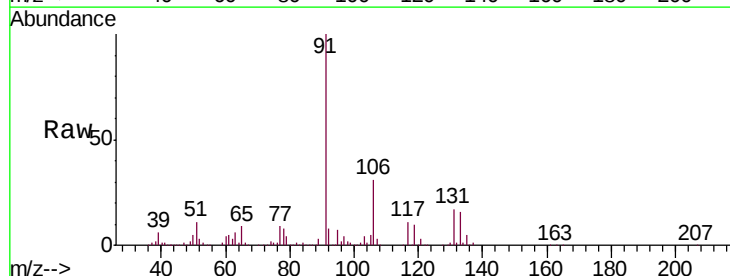
Instrument :
MSVOA_W
ClientSampleId :
ICVW091618

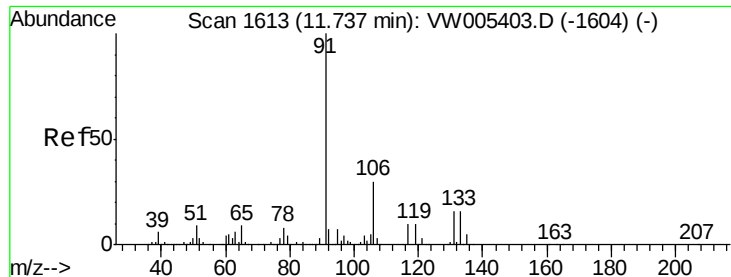
Tgt Ion:112 Resp: 348445
Ion Ratio Lower Upper
112 100
114 31.6 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 50.265 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005407.D
Acq: 15 Sep 2018 02:13

Tgt Ion:131 Resp: 113220
Ion Ratio Lower Upper
131 100
133 95.1 47.3 141.9
119 62.1 31.1 93.5

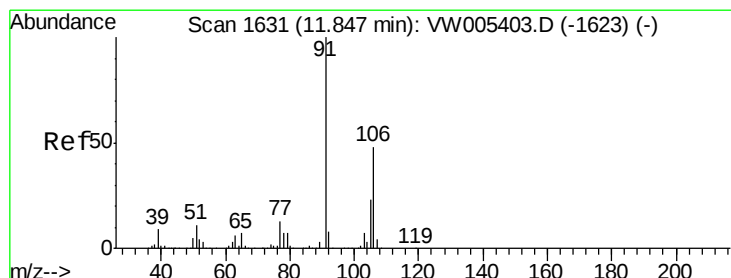
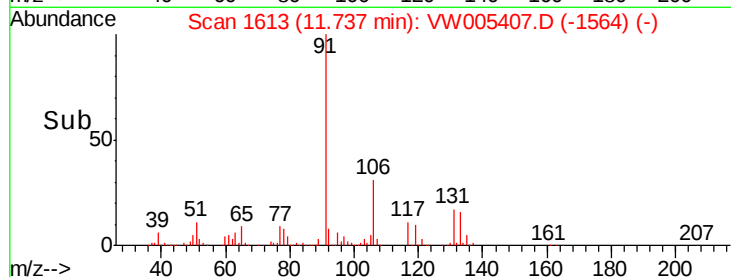
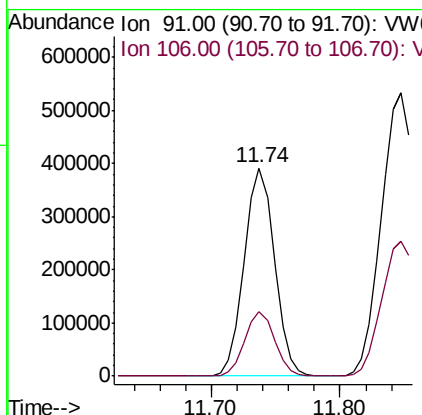
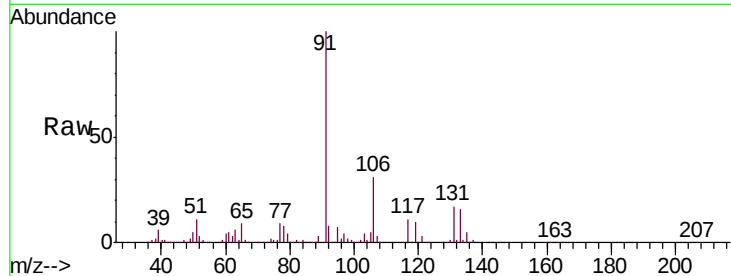




#67
Ethyl Benzene
Concen: 51.520 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005407.D
Acq: 15 Sep 2018 02:13

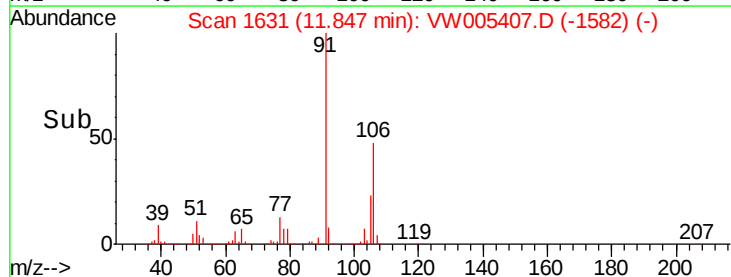
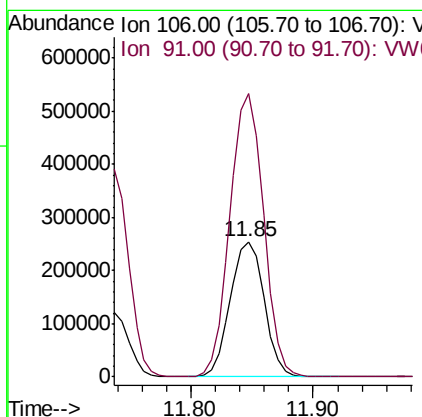
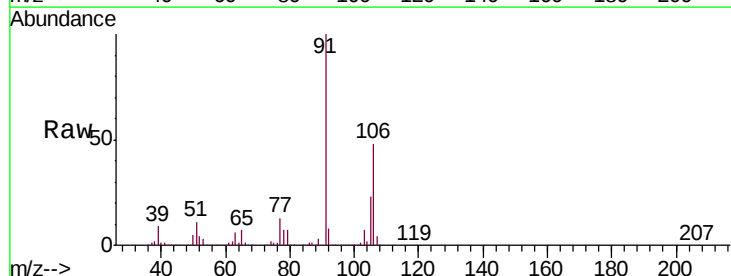
Instrument :
MSVOA_W
ClientSampleId :
ICVW091618

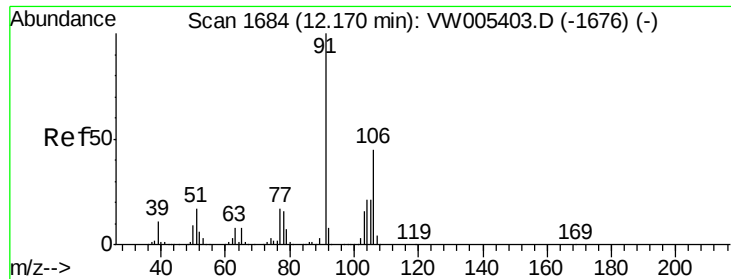
Tgt Ion: 91 Resp: 638517
Ion Ratio Lower Upper
91 100
106 30.7 24.2 36.4



#68
m/p-Xylenes
Concen: 102.534 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VW005407.D
Acq: 15 Sep 2018 02:13

Tgt Ion: 106 Resp: 489074
Ion Ratio Lower Upper
106 100
91 208.1 167.9 251.9

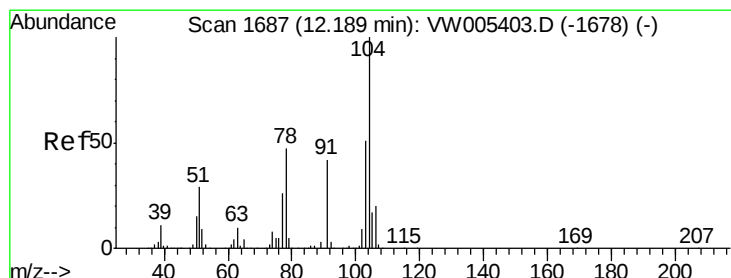
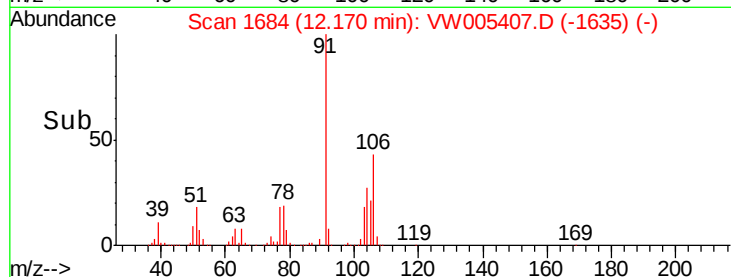
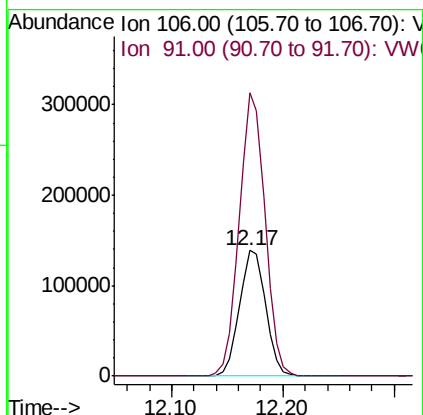
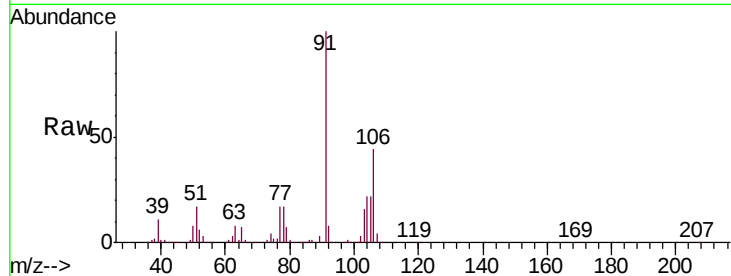




#69
o-Xylene
Concen: 51.090 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005407.D
Acq: 15 Sep 2018 02:13

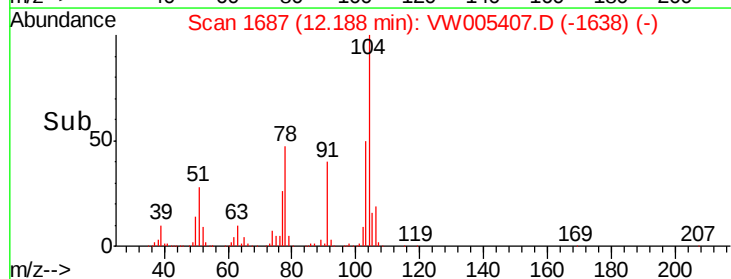
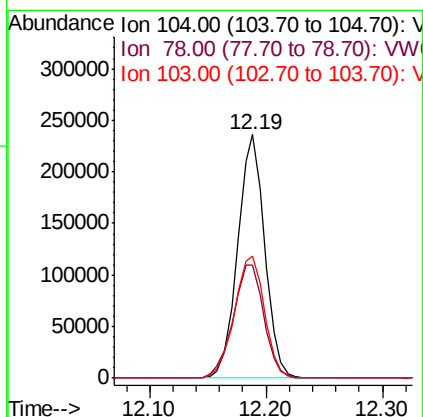
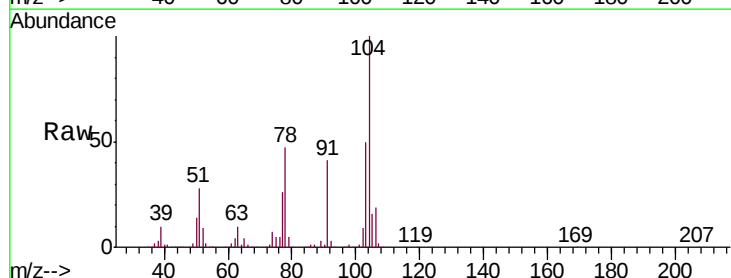
Instrument :
MSVOA_W
ClientSampleId :
ICVW091618

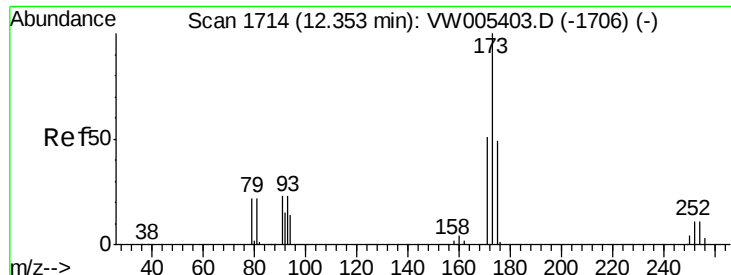
Tgt Ion:106 Resp: 226933
Ion Ratio Lower Upper
106 100
91 221.9 110.6 331.6



#70
Styrene
Concen: 51.964 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW005407.D
Acq: 15 Sep 2018 02:13

Tgt Ion:104 Resp: 380913
Ion Ratio Lower Upper
104 100
78 53.2 42.4 63.6
103 55.9 44.8 67.2

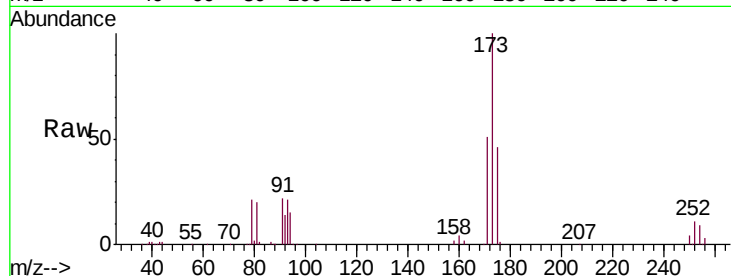




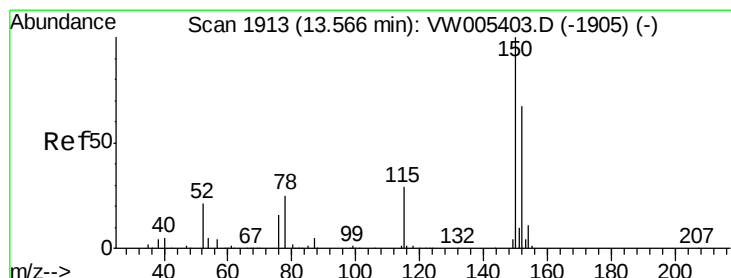
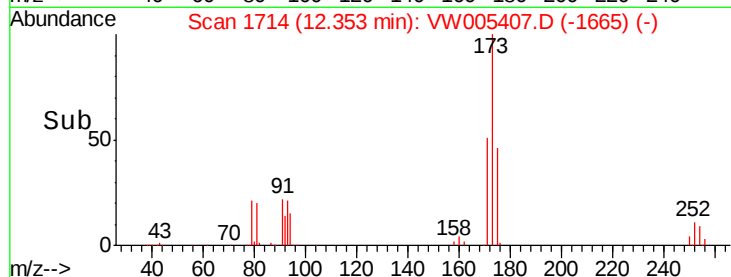
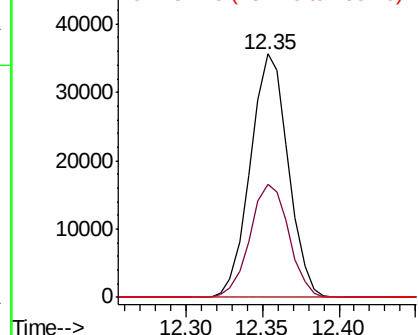
#71
Bromoform
Concen: 51.396 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. -0.00 min
Lab File: VW005407.D
Acq: 15 Sep 2018 02:13

Instrument :
MSVOA_W
ClientSampleId :
ICVW091618

Tgt Ion:173 Resp: 61243
Ion Ratio Lower Upper
173 100
175 47.5 24.2 72.6
254 0.1 0.0 0.0#

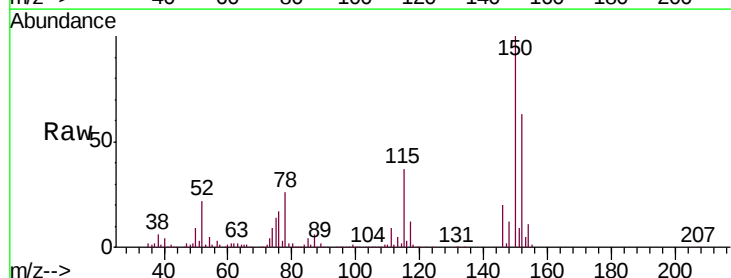


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

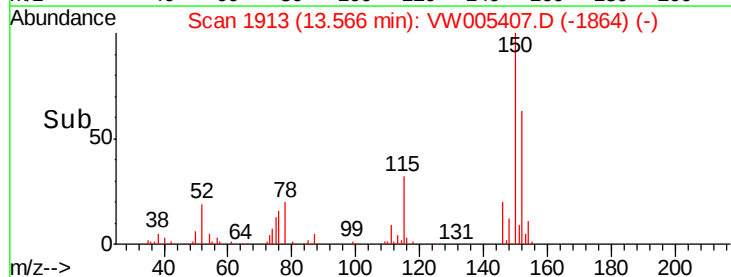
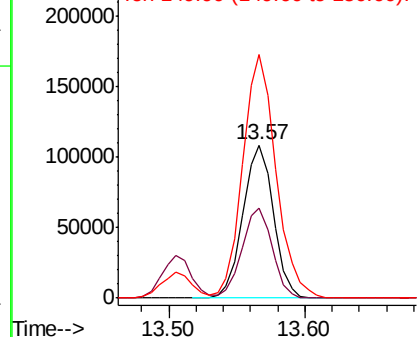


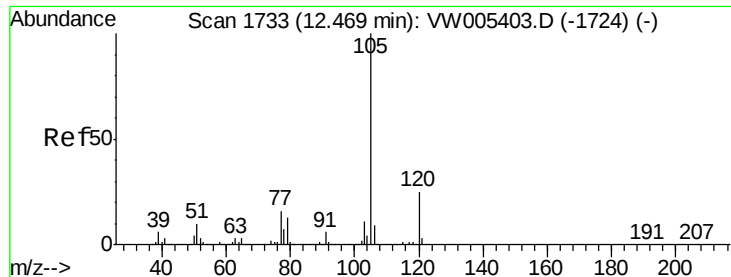
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005407.D
Acq: 15 Sep 2018 02:13

Tgt Ion:152 Resp: 169044
Ion Ratio Lower Upper
152 100
115 58.8 29.5 88.5
150 174.1 0.0 345.6



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





#73

Isopropylbenzene

Concen: 53.788 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW005407.D

Acq: 15 Sep 2018 02:13

Instrument :

MSVOA_W

ClientSampleId :

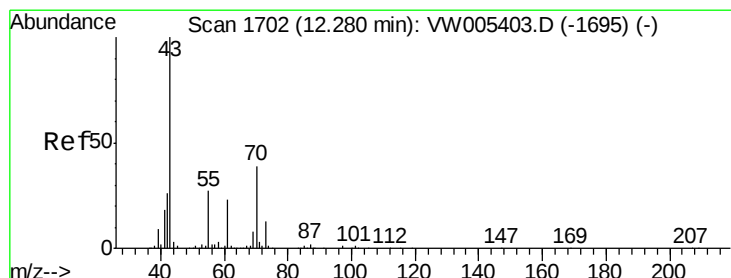
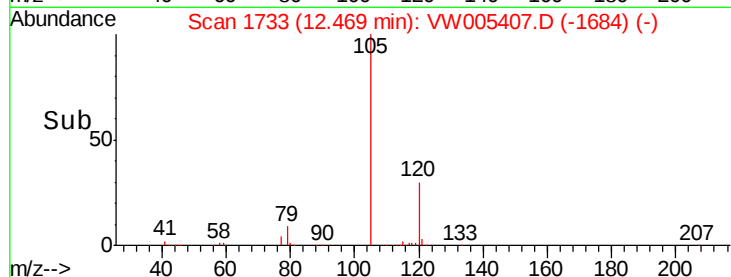
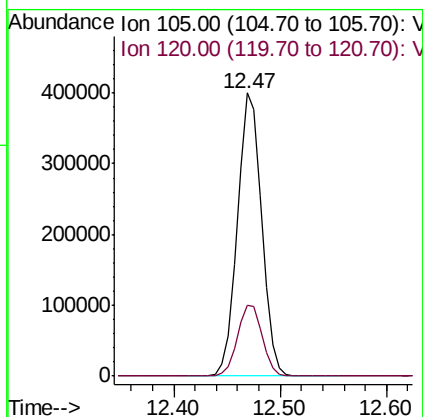
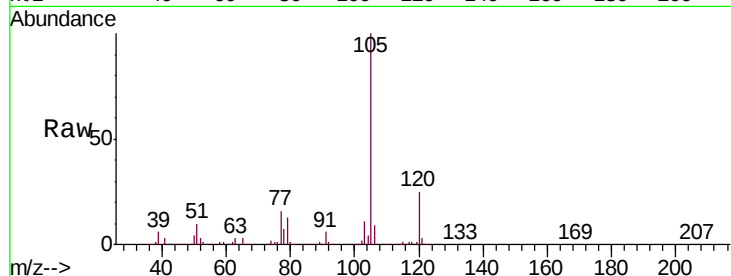
ICVW091618

Tgt Ion:105 Resp: 637914

Ion Ratio Lower Upper

105 100

120 25.7 12.9 38.6



#74

N-ethyl acetate

Concen: 53.473 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW005407.D

Acq: 15 Sep 2018 02:13

Tgt Ion: 43 Resp: 133634

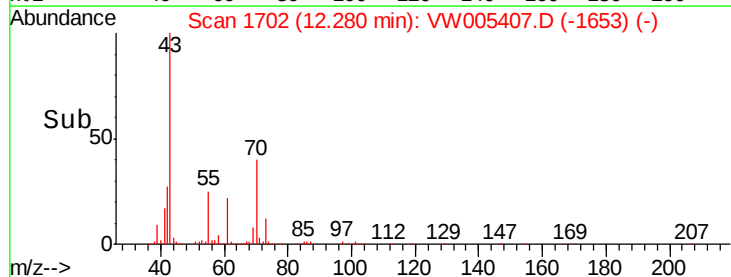
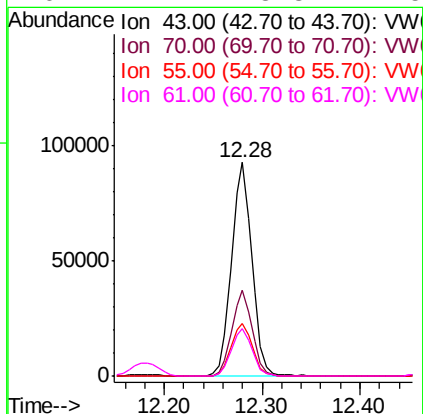
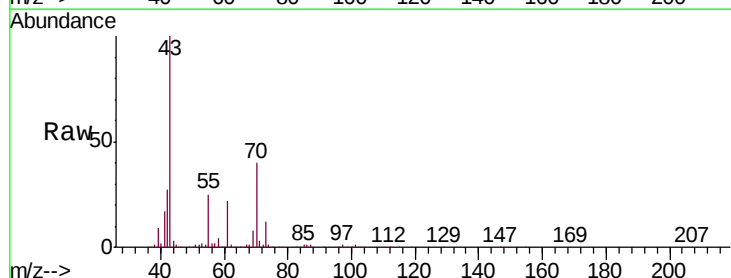
Ion Ratio Lower Upper

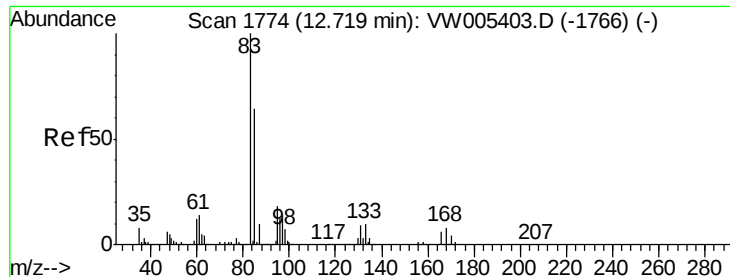
43 100

70 39.9 31.9 47.9

55 25.5 21.4 32.0

61 22.7 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 52.507 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005407.D

Acq: 15 Sep 2018 02:13

Instrument :

MSVOA_W

ClientSampleId :

ICVW091618

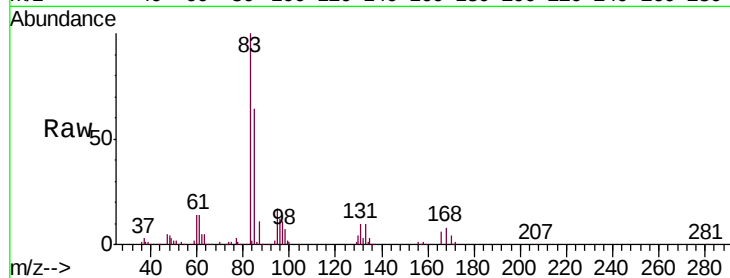
Tgt Ion: 83 Resp: 90843

Ion Ratio Lower Upper

83 100

131 10.9 5.7 17.1

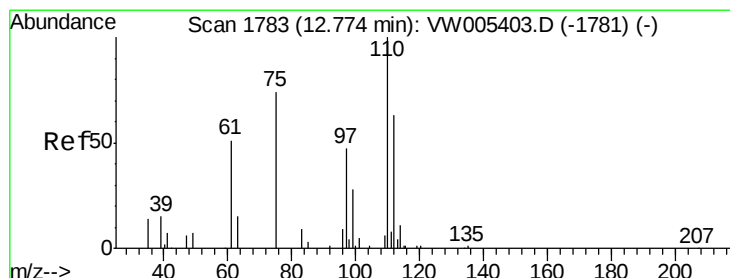
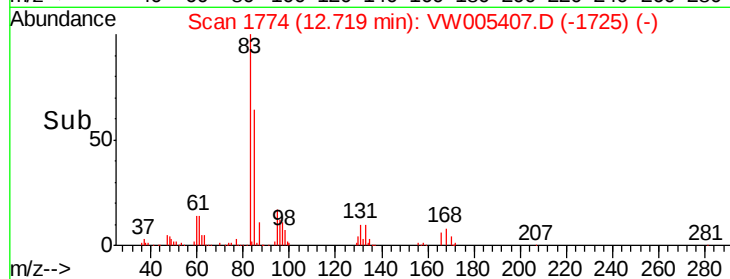
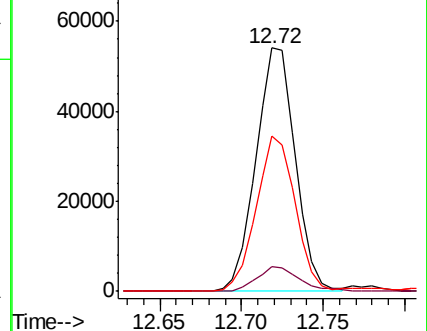
85 63.2 31.6 95.0



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: 94.954 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VW005407.D

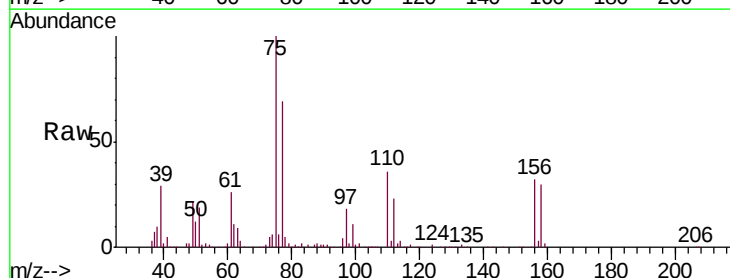
Acq: 15 Sep 2018 02:13

Tgt Ion: 75 Resp: 132019

Ion Ratio Lower Upper

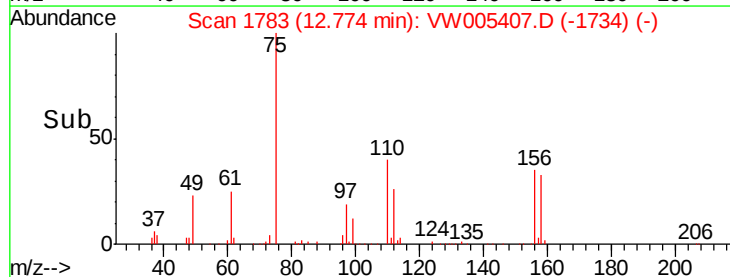
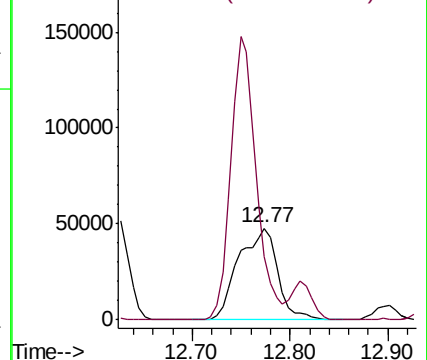
75 100

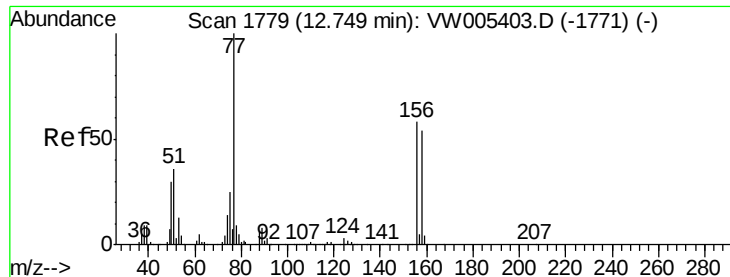
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 50.831 ug/l

RT: 12.76 min Scan# 1780

Delta R.T. 0.01 min

Lab File: VW005407.D

Acq: 15 Sep 2018 02:13

Instrument :

MSVOA_W

ClientSampleId :

ICVW091618

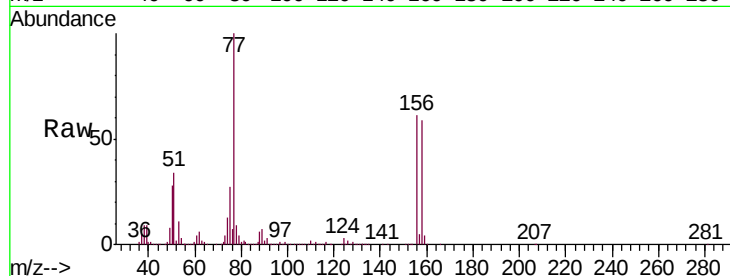
Tgt Ion: 156 Resp: 142525

Ion Ratio Lower Upper

156 100

77 186.8 92.8 278.3

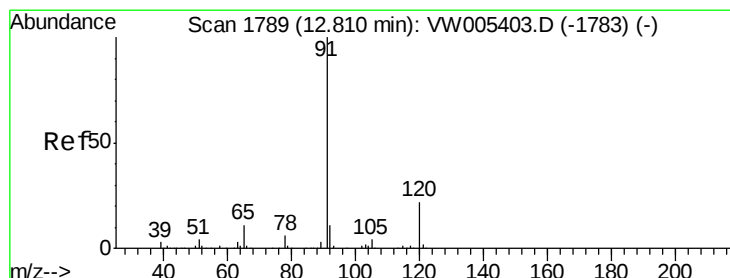
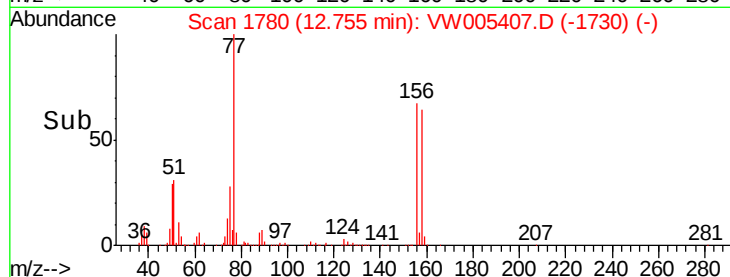
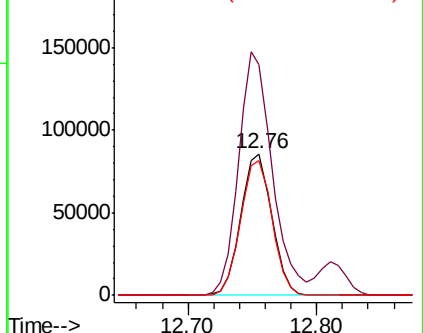
158 96.8 48.2 144.6



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: 53.289 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW005407.D

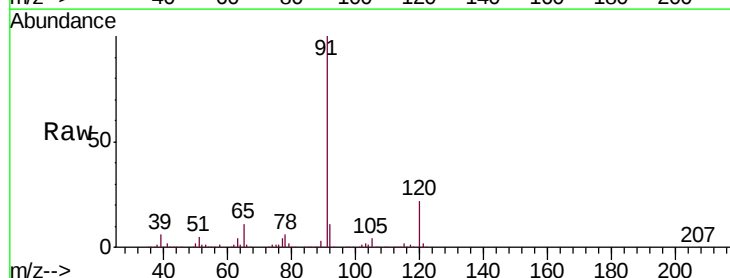
Acq: 15 Sep 2018 02:13

Tgt Ion: 91 Resp: 762727

Ion Ratio Lower Upper

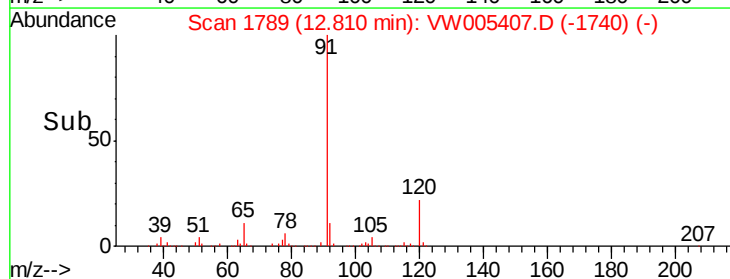
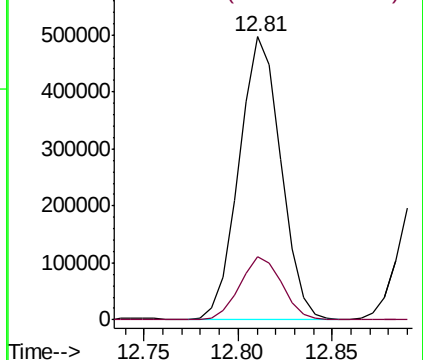
91 100

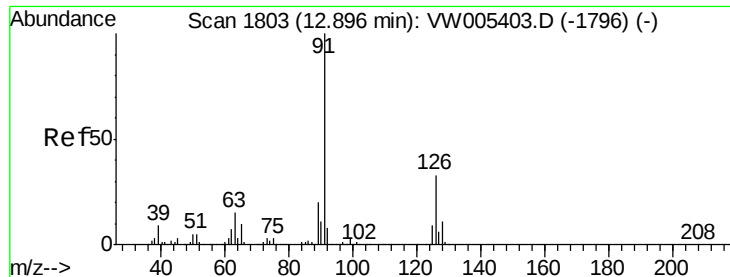
120 22.5 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

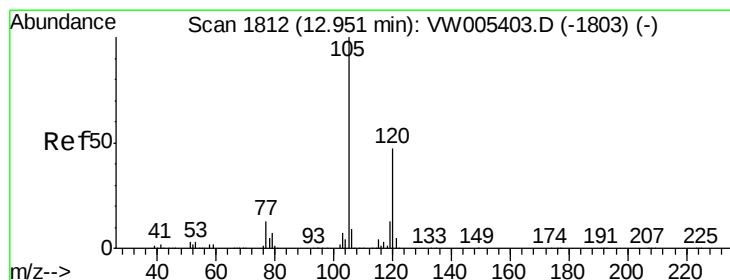
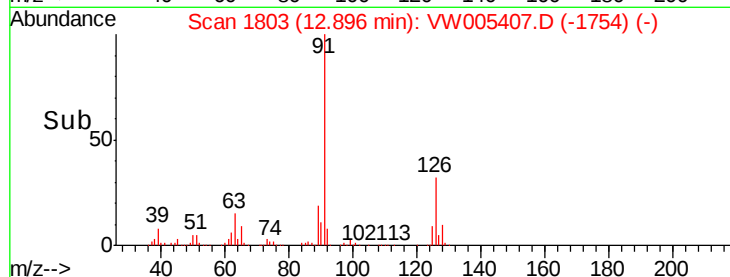
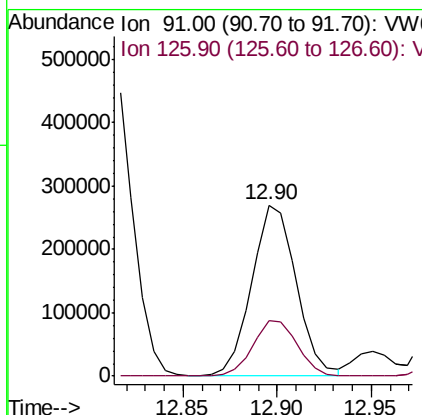
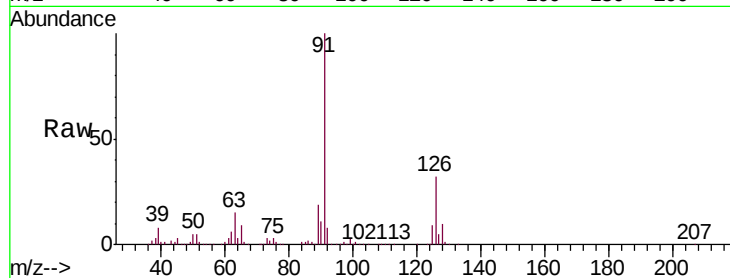




#79
 2-Chlorotoluene
 Concen: 52.239 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW005407.D
 Acq: 15 Sep 2018 02:13

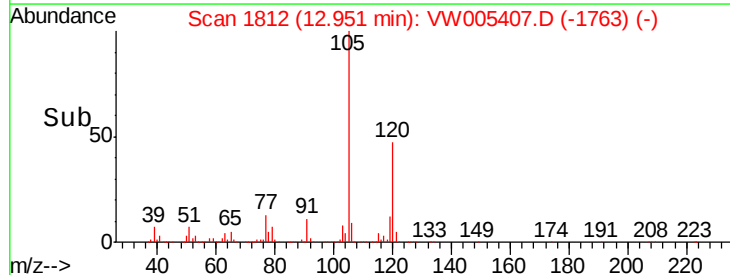
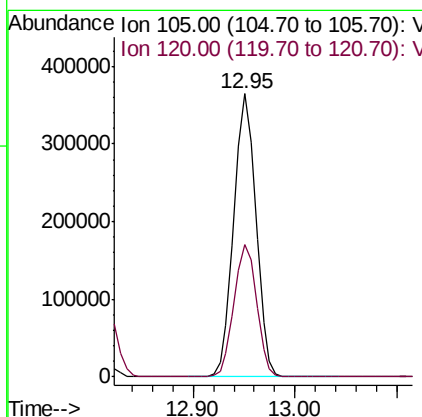
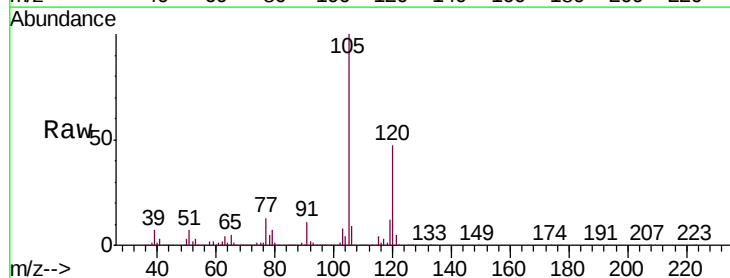
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW091618

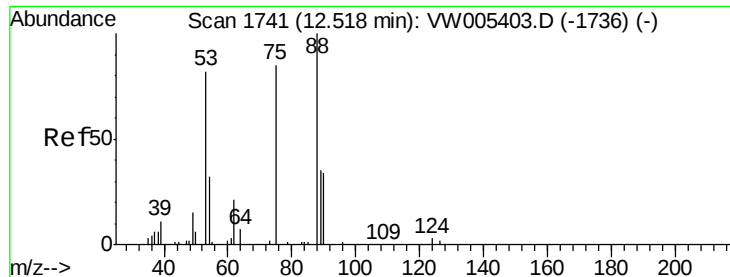
Tgt Ion: 91 Resp: 441111
 Ion Ratio Lower Upper
 91 100
 126 32.6 16.4 49.1



#80
 1,3,5-Trimethylbenzene
 Concen: 52.965 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VW005407.D
 Acq: 15 Sep 2018 02:13

Tgt Ion: 105 Resp: 548093
 Ion Ratio Lower Upper
 105 100
 120 47.7 23.5 70.5





#81

trans-1,4-Dichloro-2-butene

Concen: 51.572 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW005407.D

Acq: 15 Sep 2018 02:13

Instrument :

MSVOA_W

ClientSampleId :

ICVW091618

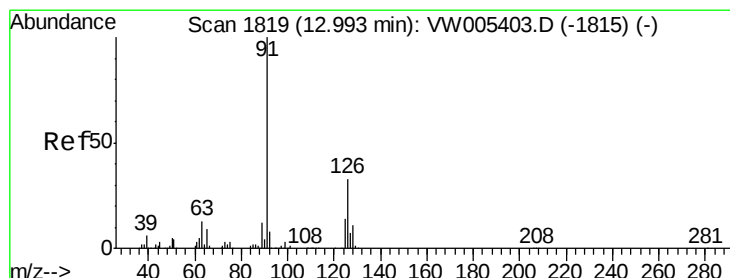
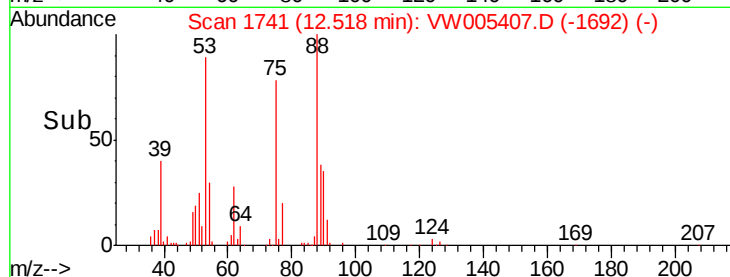
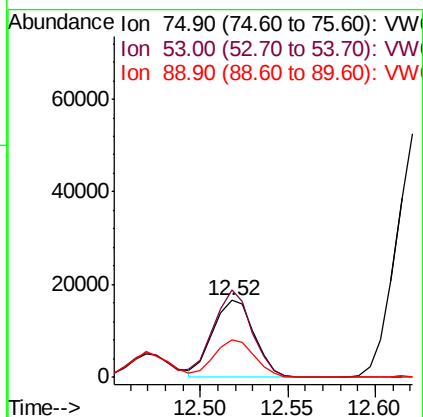
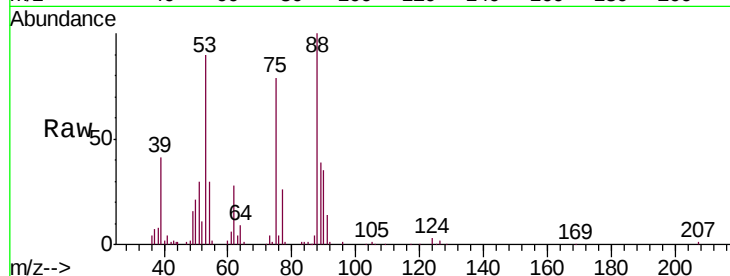
Tgt Ion: 75 Resp: 27641

Ion Ratio Lower Upper

75 100

53 107.7 83.2 124.8

89 47.5 36.6 54.8



#82

4-Chlorotoluene

Concen: 51.402 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW005407.D

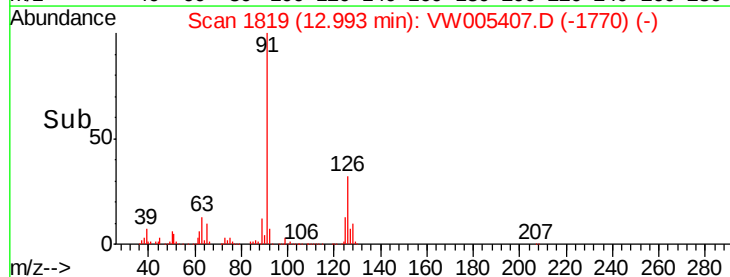
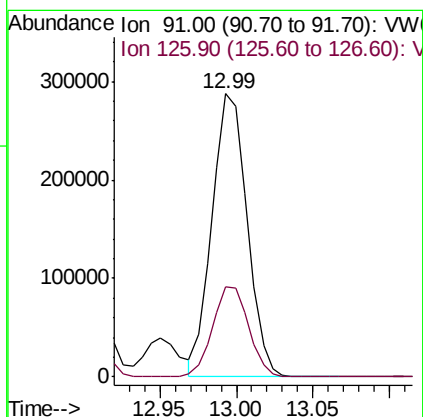
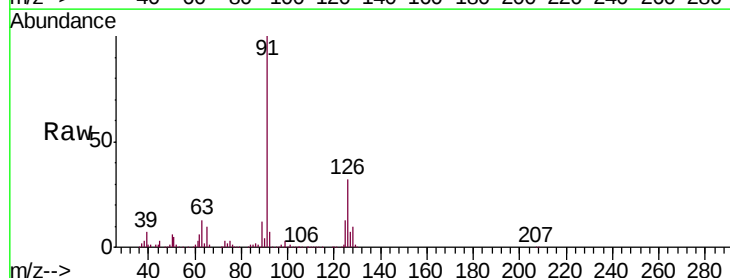
Acq: 15 Sep 2018 02:13

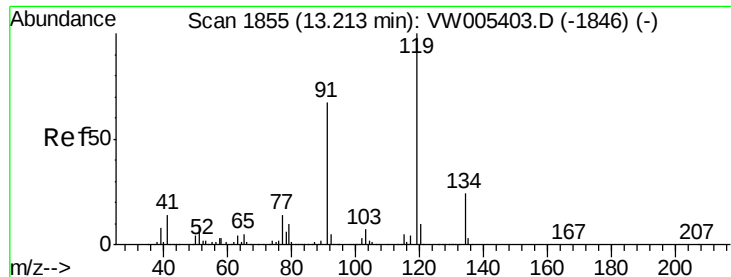
Tgt Ion: 91 Resp: 458227

Ion Ratio Lower Upper

91 100

126 32.7 16.4 49.1

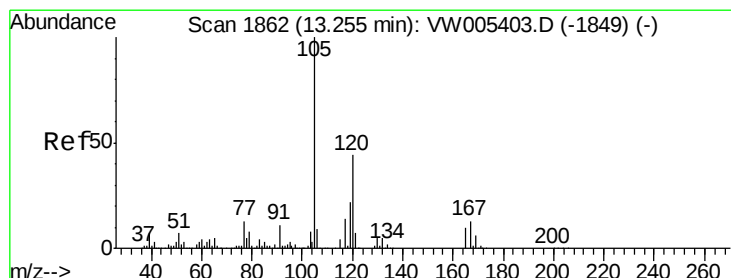
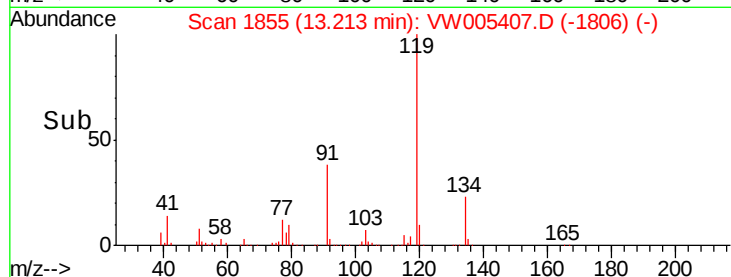
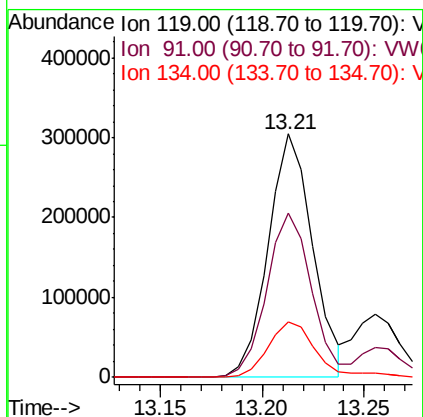
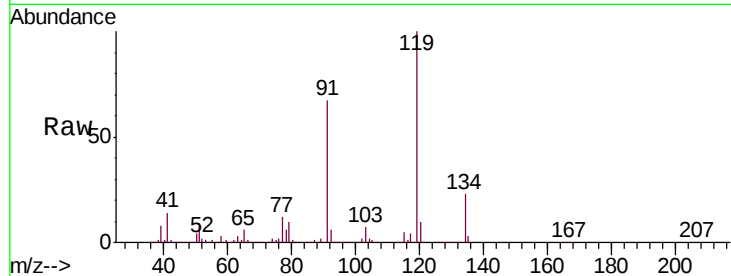




#83
tert-Butylbenzene
Concen: 54.028 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW005407.D
Acq: 15 Sep 2018 02:13

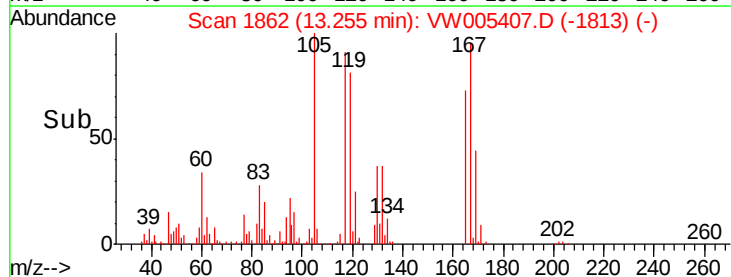
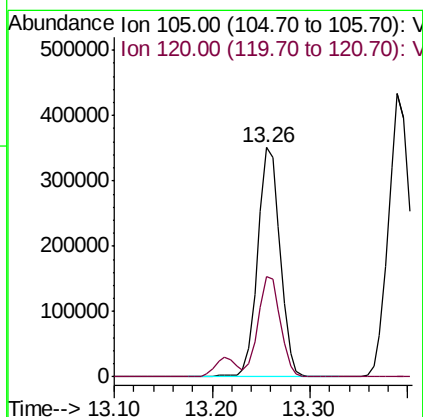
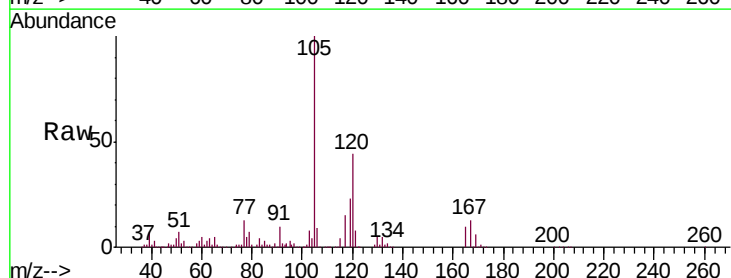
Instrument :
MSVOA_W
ClientSampleId :
ICVW091618

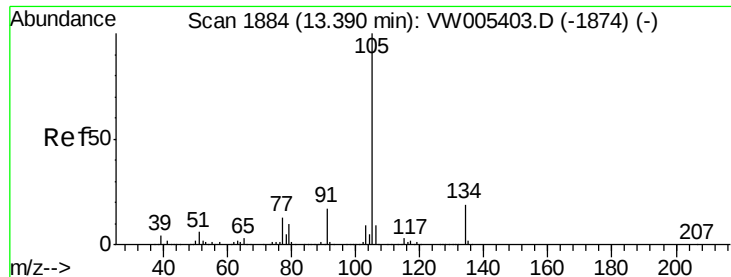
Tgt Ion:119 Resp: 464373
Ion Ratio Lower Upper
119 100
91 68.6 34.4 103.2
134 25.1 12.7 38.0



#84
1,2,4-Trimethylbenzene
Concen: 53.038 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW005407.D
Acq: 15 Sep 2018 02:13

Tgt Ion:105 Resp: 557214
Ion Ratio Lower Upper
105 100
120 43.3 21.8 65.3

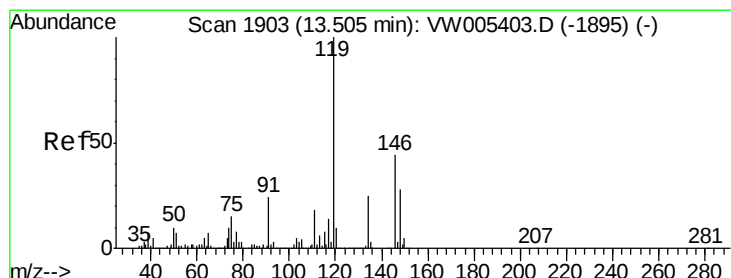
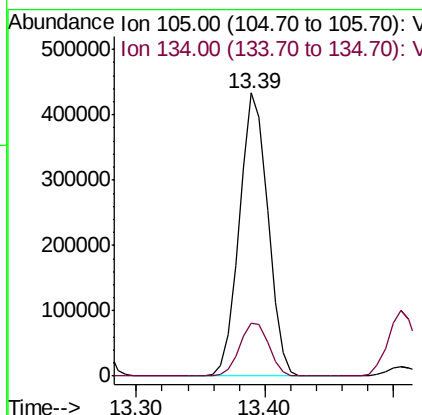
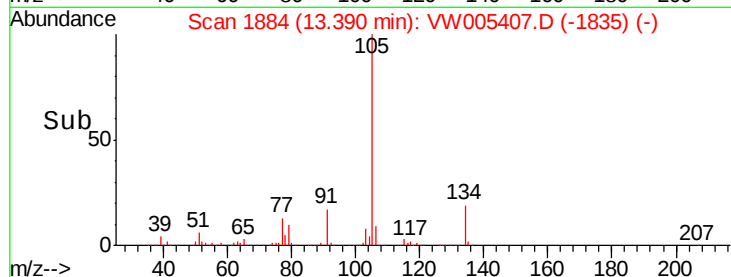
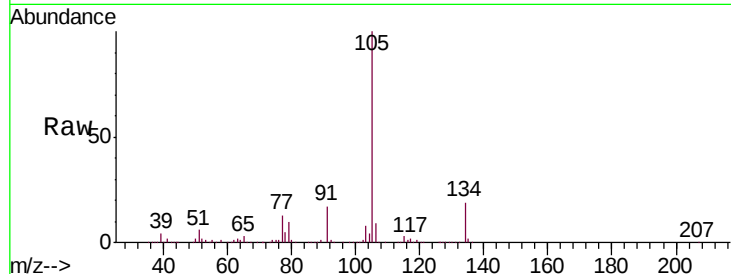




#85
 sec-Butylbenzene
 Concen: 53.461 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW005407.D
 Acq: 15 Sep 2018 02:13

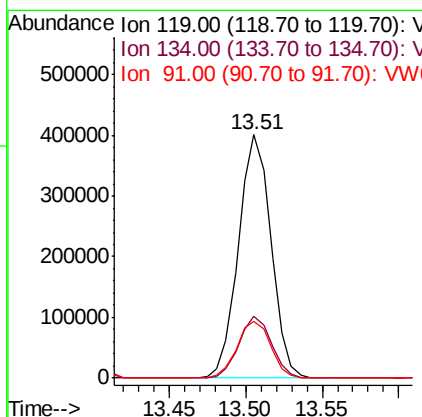
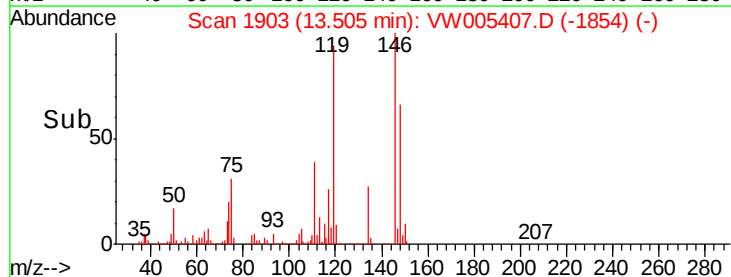
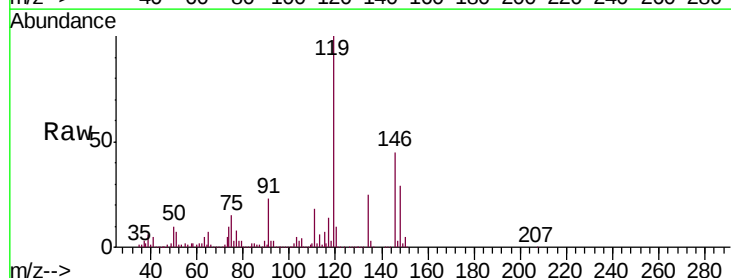
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW091618

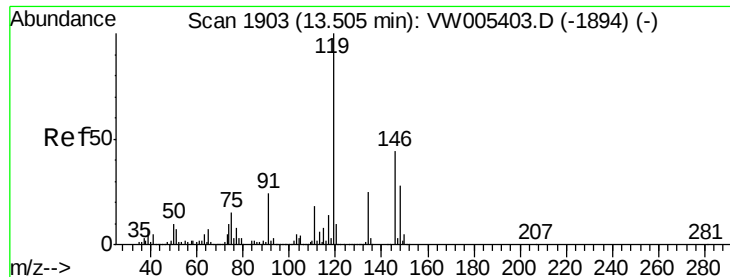
Tgt Ion:105 Resp: 663937
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 53.340 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005407.D
 Acq: 15 Sep 2018 02:13

Tgt Ion:119 Resp: 592412
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.6 37.8
 91 24.1 12.0 36.0

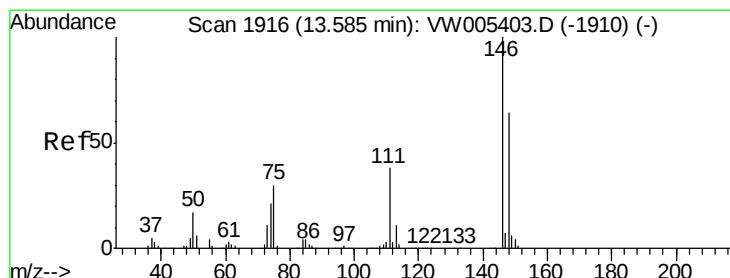
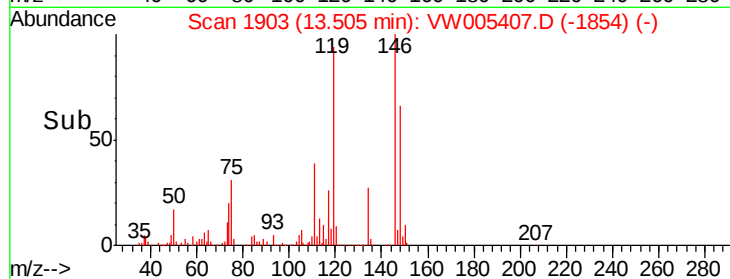
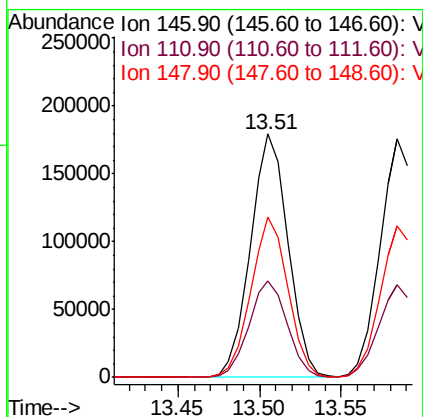
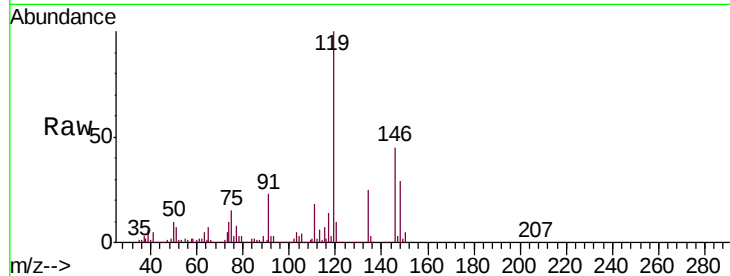




#87
 1,3-Dichlorobenzene
 Concen: 50.336 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005407.D
 Acq: 15 Sep 2018 02:13

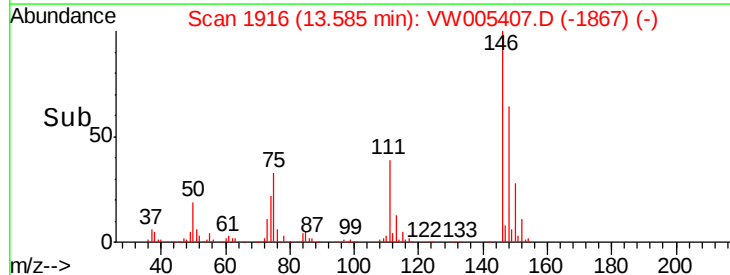
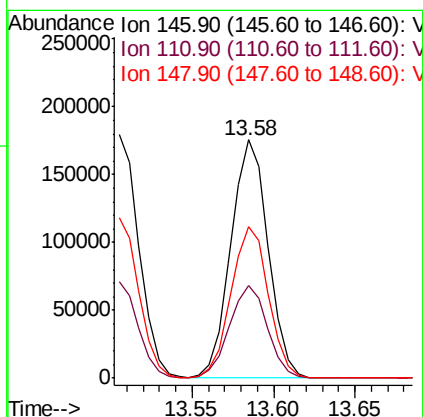
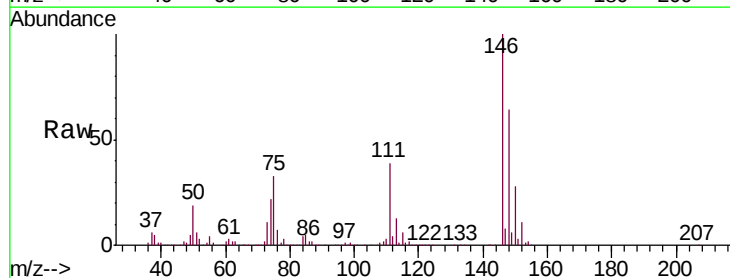
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW091618

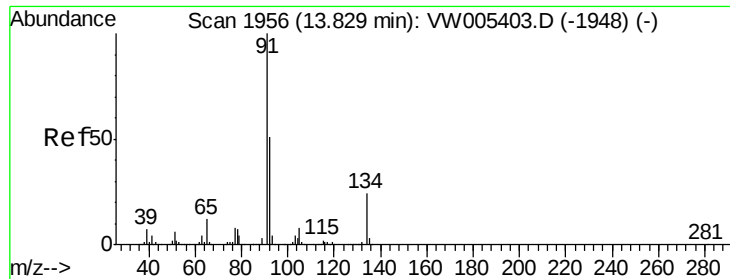
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.4	61.2
148	64.9	32.0	96.0



#88
 1,4-Dichlorobenzene
 Concen: 49.901 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW005407.D
 Acq: 15 Sep 2018 02:13

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.6	58.8
148	63.9	31.8	95.4





#89

n-Butylbenzene

Concen: 53.276 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW005407.D

Acq: 15 Sep 2018 02:13

Instrument :

MSVOA_W

ClientSampleId :

ICVW091618

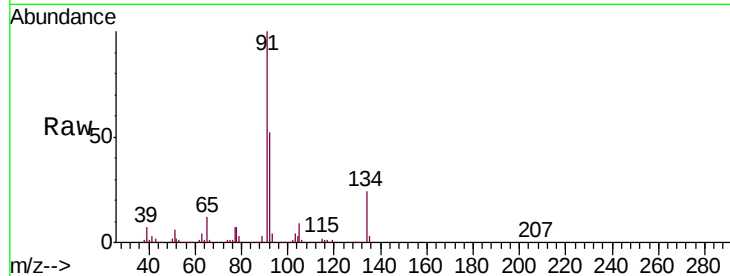
Tgt Ion: 91 Resp: 550984

Ion Ratio Lower Upper

91 100

92 52.2 26.2 78.6

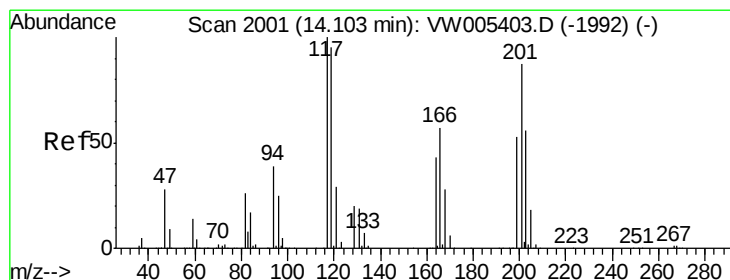
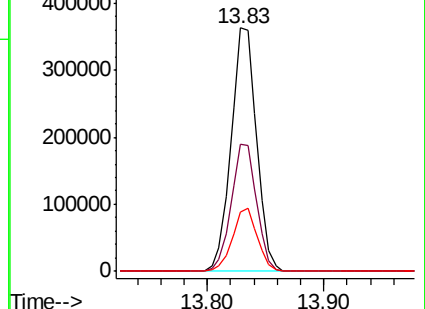
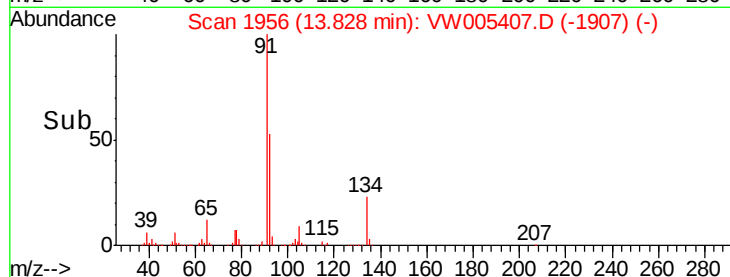
134 25.1 12.7 38.1



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: 52.461 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.01 min

Lab File: VW005407.D

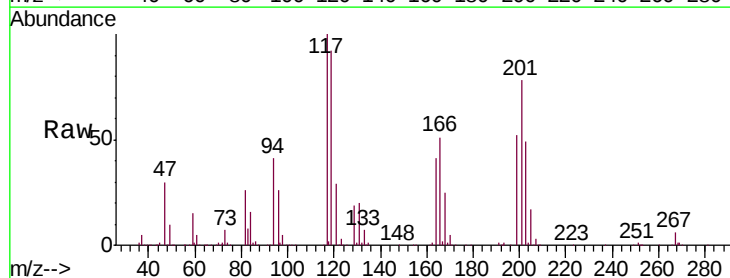
Acq: 15 Sep 2018 02:13

Tgt Ion: 117 Resp: 99831

Ion Ratio Lower Upper

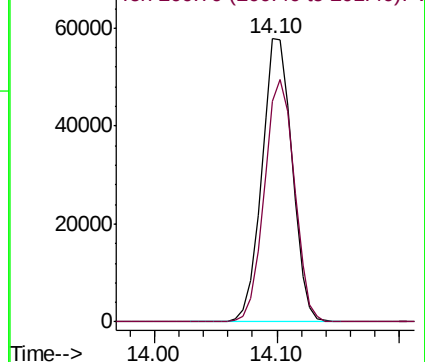
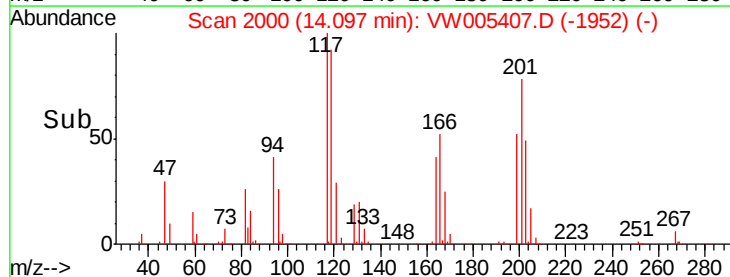
117 100

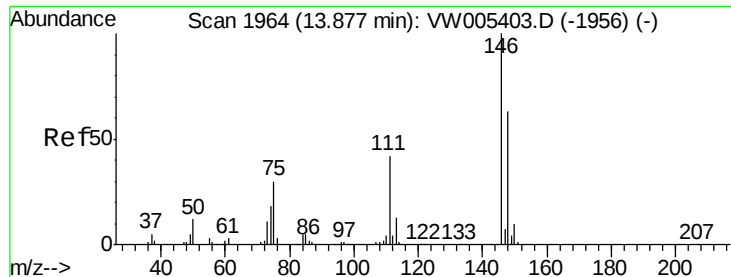
201 84.6 42.5 127.5



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

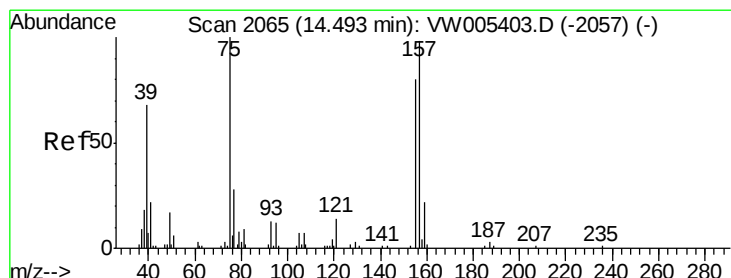
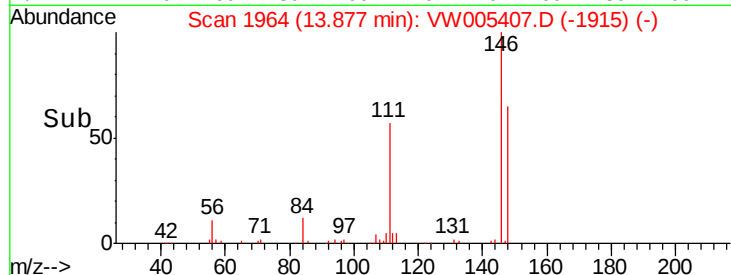
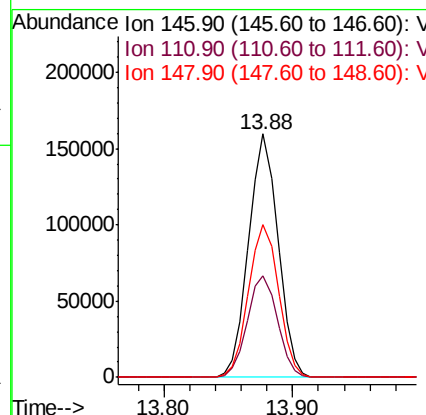
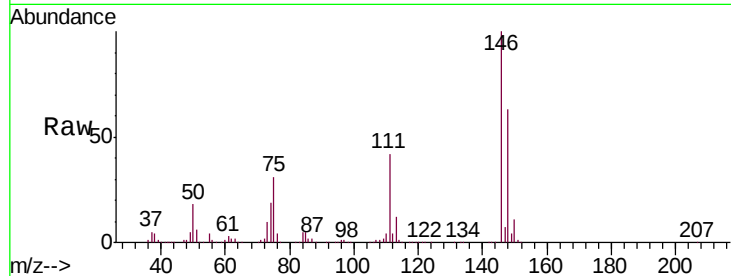




#91
 1,2-Dichlorobenzene
 Concen: 50.618 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW005407.D
 Acq: 15 Sep 2018 02:13

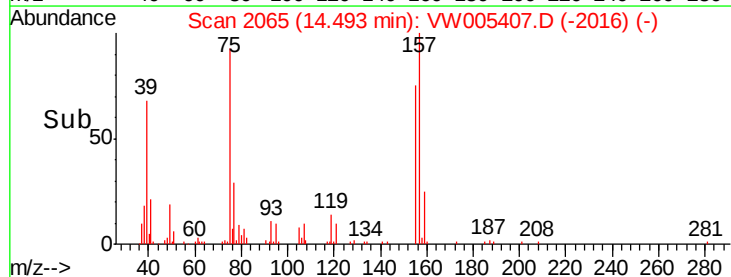
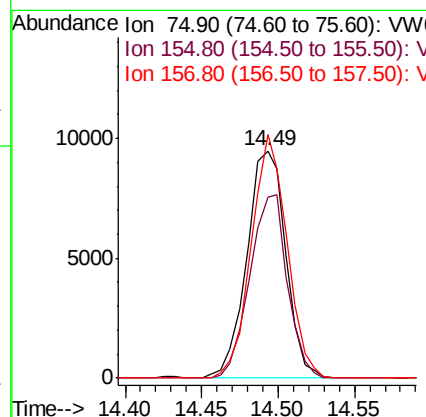
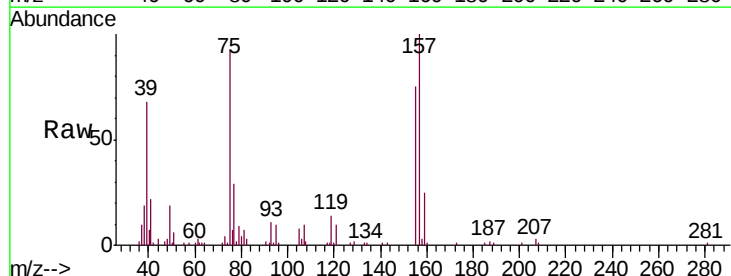
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW091618

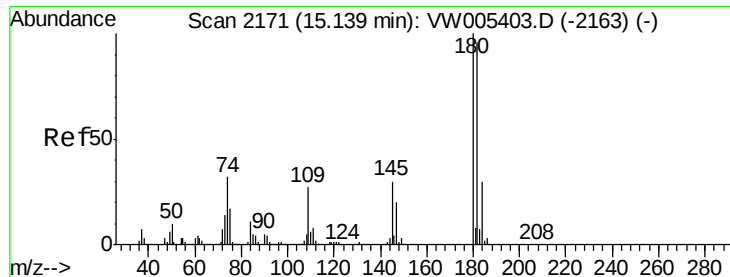
Tgt Ion:146 Resp: 251549
 Ion Ratio Lower Upper
 146 100
 111 42.7 21.0 63.0
 148 64.2 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.433 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW005407.D
 Acq: 15 Sep 2018 02:13

Tgt Ion: 75 Resp: 16758
 Ion Ratio Lower Upper
 75 100
 155 77.7 39.0 117.0
 157 98.1 49.9 149.6

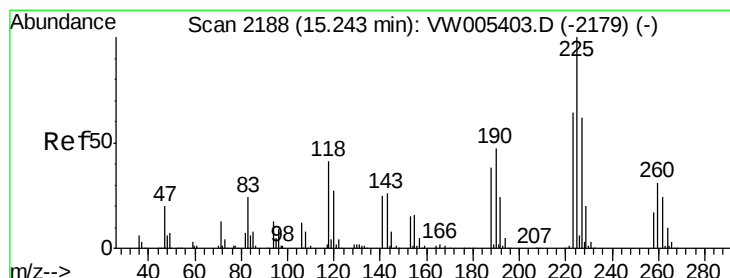
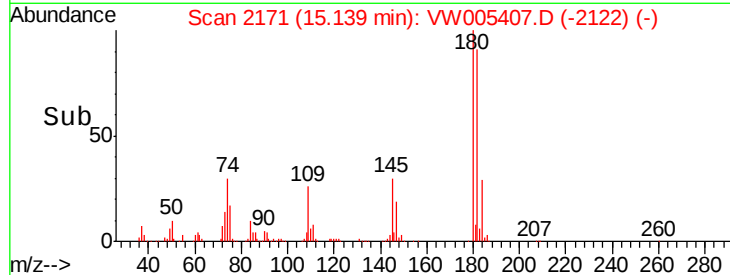
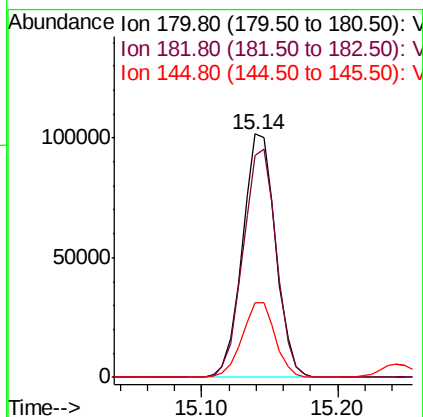
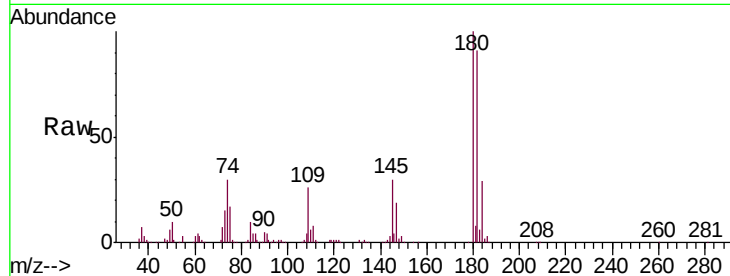




#93
 1,2,4-Trichlorobenzene
 Concen: 52.193 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW005407.D
 Acq: 15 Sep 2018 02:13

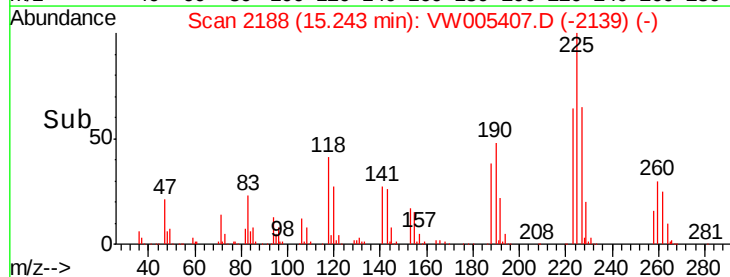
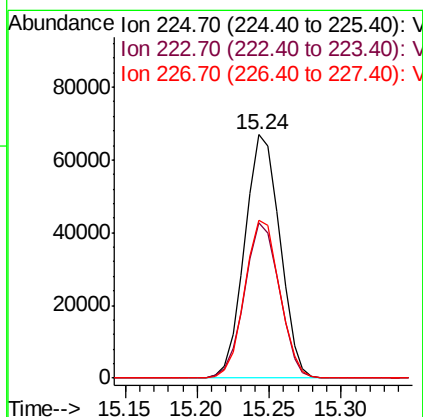
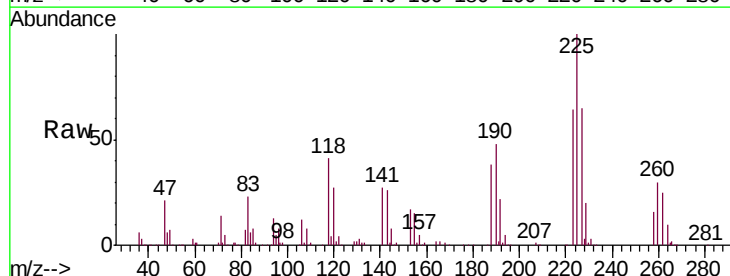
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW091618

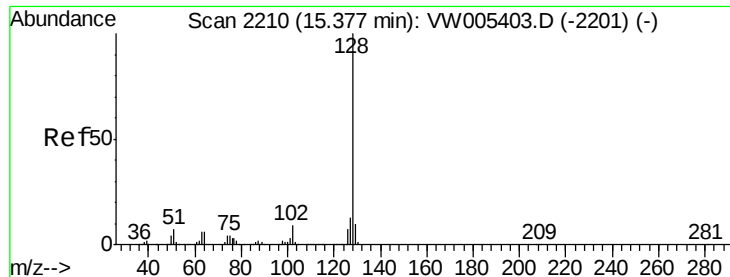
Tgt Ion:180 Resp: 173065
 Ion Ratio Lower Upper
 180 100
 182 94.4 47.3 141.9
 145 30.8 14.8 44.3



#94
 Hexachlorobutadiene
 Concen: 52.289 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW005407.D
 Acq: 15 Sep 2018 02:13

Tgt Ion:225 Resp: 113223
 Ion Ratio Lower Upper
 225 100
 223 63.0 31.2 93.6
 227 64.1 31.6 95.0

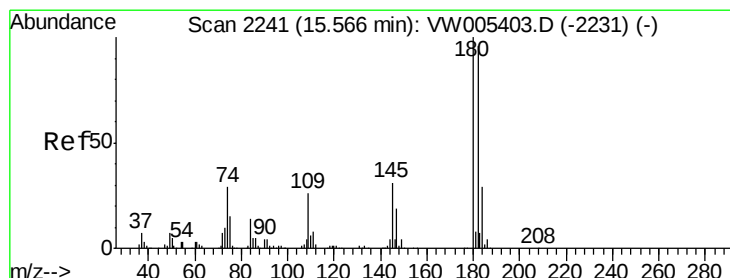
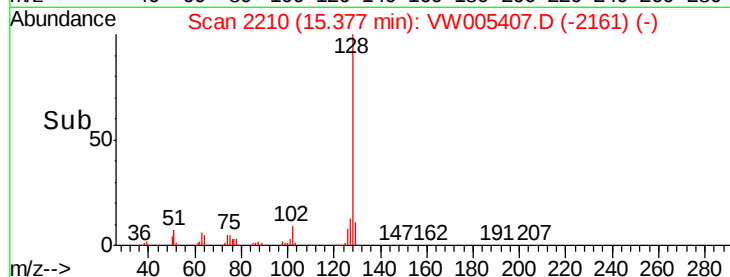
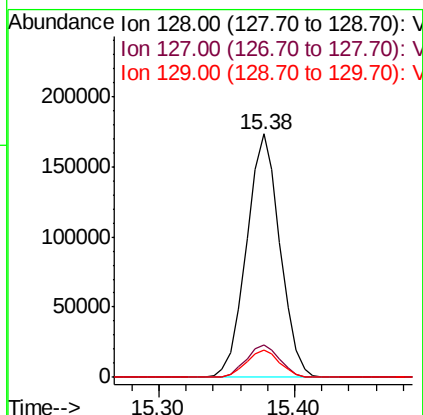
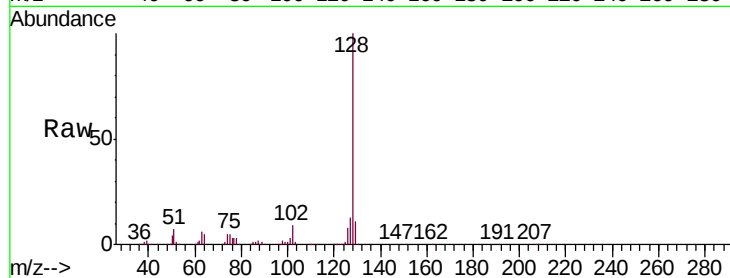




#95
Naphthalene
Concen: 53.971 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW005407.D
Acq: 15 Sep 2018 02:13

Instrument :
MSVOA_W
ClientSampleId :
ICVW091618

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.5	11.0	16.4
129	11.1	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 51.271 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW005407.D
Acq: 15 Sep 2018 02:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	48.1	144.4
145	32.1	15.9	47.7

