

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081918\
 Data File : VW004742.D
 Acq On : 17 Aug 2018 19:21
 Operator : SY/AP
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW081918

Quant Time: Aug 18 01:51:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 18 01:49:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	700649	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1068758	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	998536	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	534351	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	342884	50.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.24%	
35) Dibromofluoromethane	7.88	113	343868	50.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.68%	
50) Toluene-d8	10.33	98	1341078	50.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.58%	
62) 4-Bromofluorobenzene	12.62	95	492576	51.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.70%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	226393	48.781	ug/l	97
3) Chloromethane	2.22	50	295036	48.621	ug/l	100
4) Vinyl Chloride	2.37	62	432612	48.435	ug/l	99
5) Bromomethane	2.78	94	268885	48.744	ug/l	100
6) Chloroethane	2.93	64	266180	49.390	ug/l	100
7) Trichlorofluoromethane	3.26	101	200754	47.710	ug/l	99
8) Diethyl Ether	3.68	74	193338	50.819	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	352574	48.659	ug/l	99
10) Methyl Iodide	4.27	142	549334	49.921	ug/l	99
11) Tert butyl alcohol	5.21	59	105483	278.729	ug/l #	87
12) 1,1-Dichloroethene	4.03	96	354045	49.034	ug/l	100
13) Acrolein	3.89	56	125303	246.734	ug/l	98
14) Allyl chloride	4.66	41	556820	50.817	ug/l	100
15) Acrylonitrile	5.37	53	427749	268.099	ug/l	100
16) Acetone	4.14	43	437571	253.048	ug/l	99
17) Carbon Disulfide	4.38	76	1166503	49.161	ug/l	100
18) Methyl Acetate	4.67	43	200670	54.153	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	509323	54.341	ug/l	97
20) Methylene Chloride	4.91	84	398939	50.579	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	386112	50.259	ug/l	98
22) Diisopropyl ether	6.31	45	1116886	53.031	ug/l	99
23) Vinyl Acetate	6.26	43	3294276	276.537	ug/l	99
24) 1,1-Dichloroethane	6.21	63	686105	50.131	ug/l	99
25) 2-Butanone	7.18	43	657570	266.894	ug/l	98
26) 2,2-Dichloropropane	7.17	77	366415	46.353	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	419789	50.758	ug/l	99
28) Bromochloromethane	7.51	49	304620	52.855	ug/l	98
29) Tetrahydrofuran	7.54	42	350725	279.163	ug/l	99
30) Chloroform	7.68	83	669755	49.758	ug/l	98
31) Cyclohexane	7.96	56	647444	48.908	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	525629	49.263	ug/l	99
36) 1,1-Dichloropropene	8.09	75	542226	49.248	ug/l	100
37) Ethyl Acetate	7.26	43	233287	53.153	ug/l	99
38) Carbon Tetrachloride	8.07	117	492467	48.592	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	709214	51.508	ug/l	99
40) Benzene	8.32	78	1582996	49.473	ug/l	100
41) Methacrylonitrile	7.49	41	133003	53.397	ug/l	97
42) 1,2-Dichloroethane	8.40	62	414953	50.572	ug/l	100
43) Isopropyl Acetate	8.43	43	430432	54.599	ug/l	99
44) Trichloroethene	9.09	130	396062	48.762	ug/l	100
45) 1,2-Dichloropropane	9.37	63	390613	49.907	ug/l	100
46) Dibromomethane	9.46	93	192426	49.626	ug/l	99
47) Bromodichloromethane	9.65	83	466144	50.337	ug/l	99
48) Methyl methacrylate	9.44	41	205528	55.560	ug/l	100
49) 1,4-Dioxane	9.48	88	63240	1116.318	ug/l #	84
51) 4-Methyl-2-Pentanone	10.21	43	1476308	277.082	ug/l	100
52) Toluene	10.39	92	958196	49.931	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	485898	52.079	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	574051	51.610	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	280665	50.921	ug/l	99
56) Ethyl methacrylate	10.65	69	367661	50.996	ug/l	100
57) 1,3-Dichloropropane	10.93	76	491587	51.668	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	857897	281.837	ug/l	99
59) 2-Hexanone	10.98	43	1012463	280.452	ug/l	100
60) Dibromochloromethane	11.13	129	317172	51.290	ug/l	100
61) 1,2-Dibromoethane	11.24	107	269344	51.123	ug/l	99
64) Tetrachloroethene	10.87	164	338904	49.662	ug/l	99
65) Chlorobenzene	11.66	112	1060239	49.333	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	359698	49.568	ug/l	100
67) Ethyl Benzene	11.74	91	1854484	50.899	ug/l	99
68) m/p-Xylenes	11.85	106	1447796	102.137	ug/l	99
69) o-Xylene	12.17	106	685001	52.201	ug/l	99
70) Styrene	12.18	104	1153477	52.329	ug/l	100
71) Bromoform	12.35	173	199389	52.057	ug/l #	99
73) Isopropylbenzene	12.47	105	1882396	51.782	ug/l	100
74) N-amyl acetate	12.28	43	424671	49.888	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	347820	51.650	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	447114	94.920	ug/l #	100
77) Bromobenzene	12.75	156	438141	49.794	ug/l	98
78) n-propylbenzene	12.81	91	2295844	51.755	ug/l	100
79) 2-Chlorotoluene	12.90	91	1300949	50.879	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	1606917	52.031	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	107118	52.855	ug/l	99
82) 4-Chlorotoluene	12.99	91	1371265	50.474	ug/l	100
83) tert-Butylbenzene	13.21	119	1383770	52.384	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	1664059	52.371	ug/l	100
85) sec-Butylbenzene	13.39	105	2038711	51.693	ug/l	99
86) p-Isopropyltoluene	13.51	119	1793542	52.266	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	897342	50.136	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	890454	49.772	ug/l	99
89) n-Butylbenzene	13.83	91	1739948	52.442	ug/l	100
90) Hexachloroethane	14.10	117	313502	50.120	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	808797	50.312	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	57693	54.817	ug/l	98

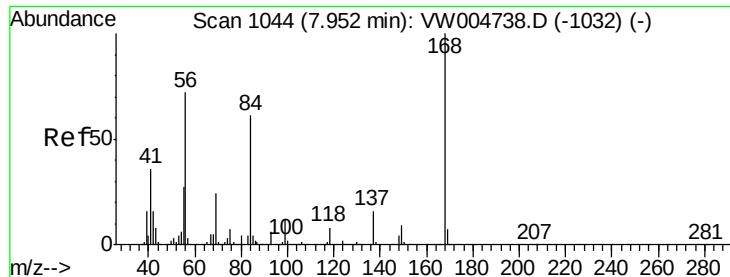
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	604362	53.153	ug/l	100
94) Hexachlorobutadiene	15.24	225	351347	50.344	ug/l	99
95) Naphthalene	15.38	128	1125981	51.032	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	536902	53.249	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW004742.D

Acq: 17 Aug 2018 19:21

Instrument :

MSVOA_W

ClientSampleId :

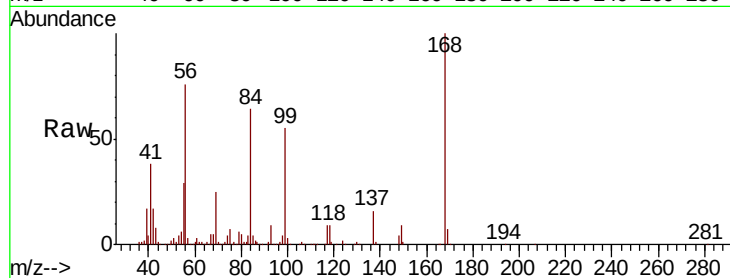
ICVW081918

Tgt Ion:168 Resp: 700649

Ion Ratio Lower Upper

168 100

99 55.0 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

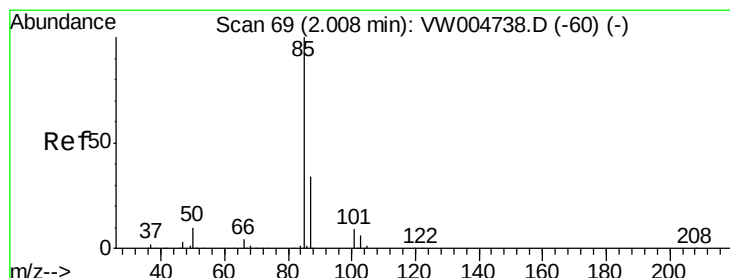
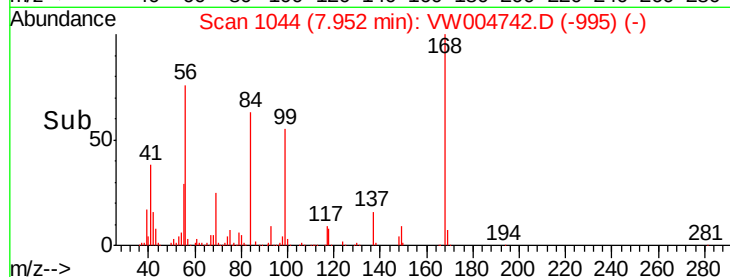
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 48.781 ug/l

RT: 2.01 min Scan# 69

Delta R.T. -0.00 min

Lab File: VW004742.D

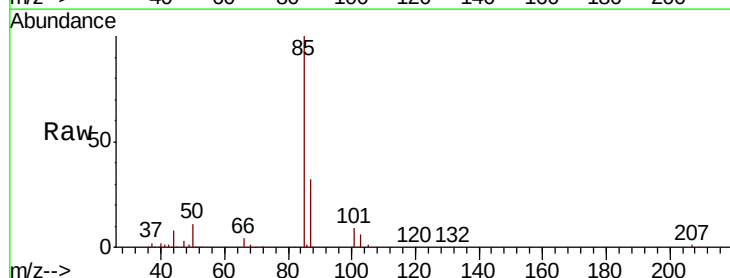
Acq: 17 Aug 2018 19:21

Tgt Ion: 85 Resp: 226393

Ion Ratio Lower Upper

85 100

87 31.6 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

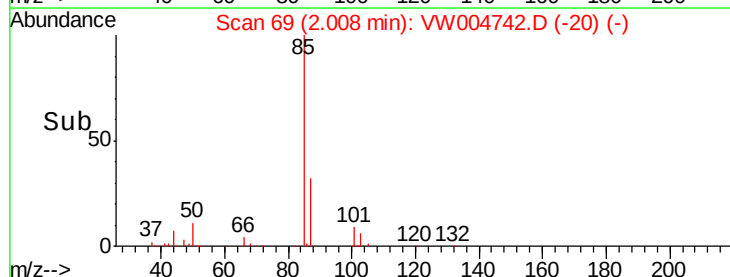
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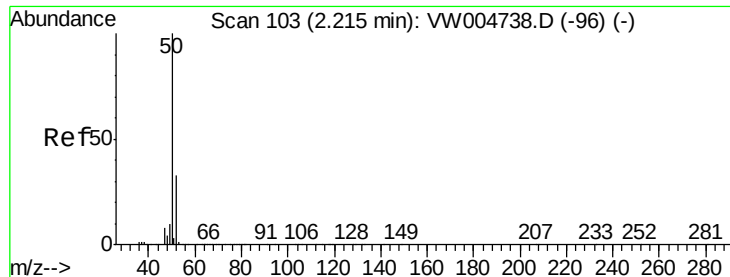
40000

20000

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Time-->





#3

Chloromethane

Concen: 48.621 ug/l

RT: 2.22 min Scan# 103

Delta R.T. -0.00 min

Lab File: VW004742.D

Acq: 17 Aug 2018 19:21

Instrument :

MSVOA_W

ClientSampleId :

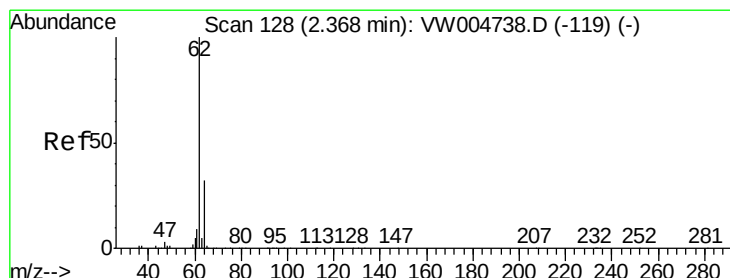
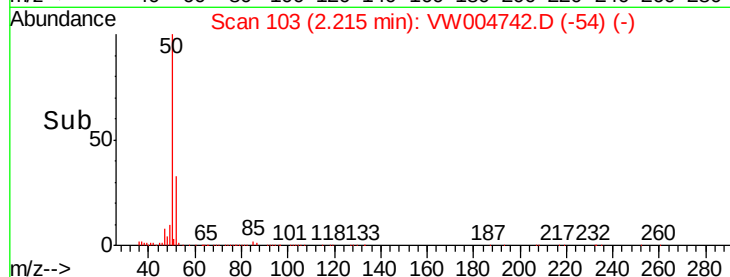
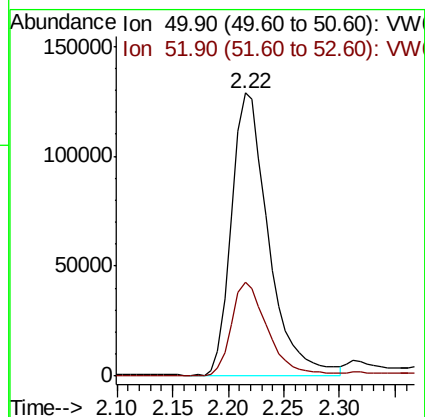
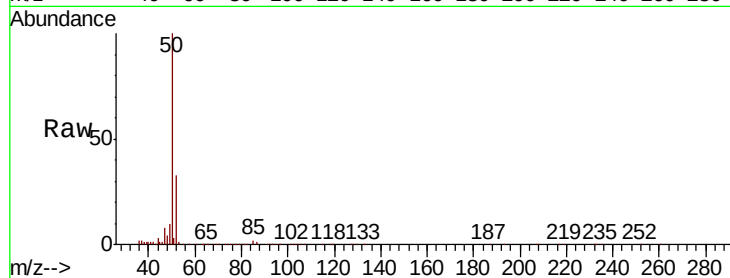
ICVW081918

Tgt Ion: 50 Resp: 295036

Ion Ratio Lower Upper

50 100

52 33.1 26.7 40.1



#4

Vinyl Chloride

Concen: 48.435 ug/l

RT: 2.37 min Scan# 129

Delta R.T. 0.01 min

Lab File: VW004742.D

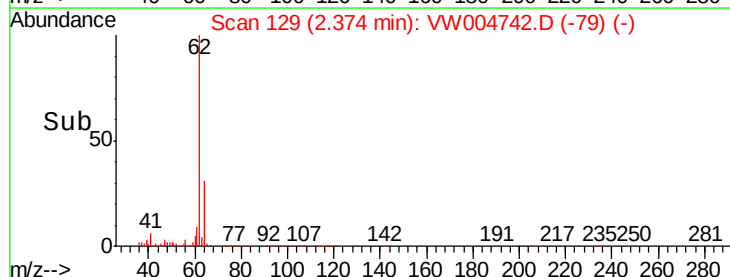
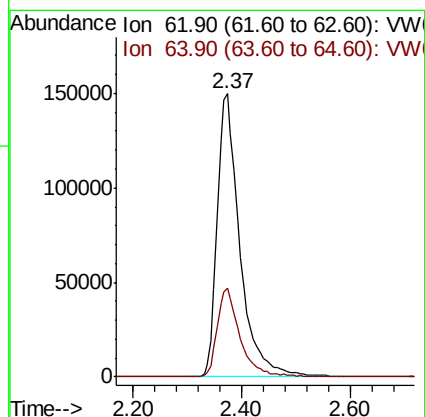
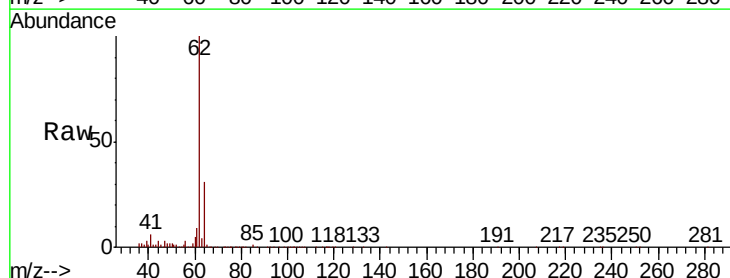
Acq: 17 Aug 2018 19:21

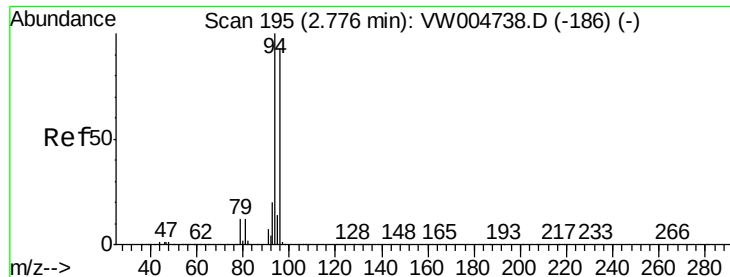
Tgt Ion: 62 Resp: 432612

Ion Ratio Lower Upper

62 100

64 31.2 25.2 37.8





#5

Bromomethane

Concen: 48.744 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.01 min

Lab File: VW004742.D

Acq: 17 Aug 2018 19:21

Instrument :

MSVOA_W

ClientSampleId :

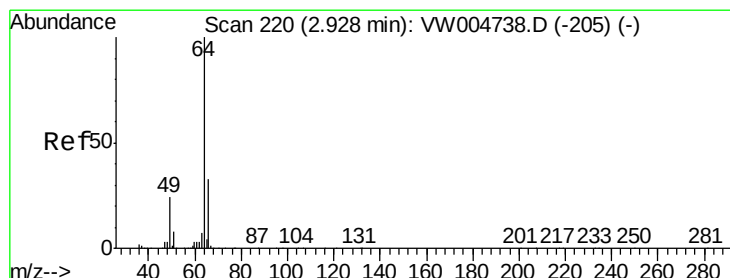
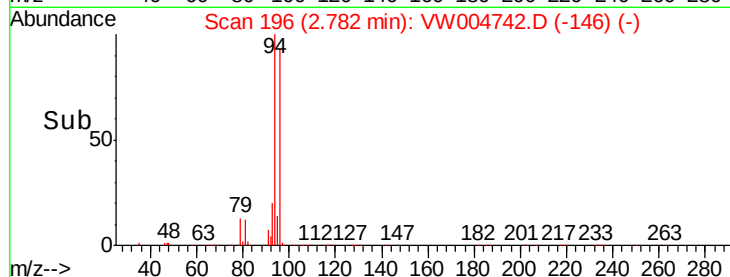
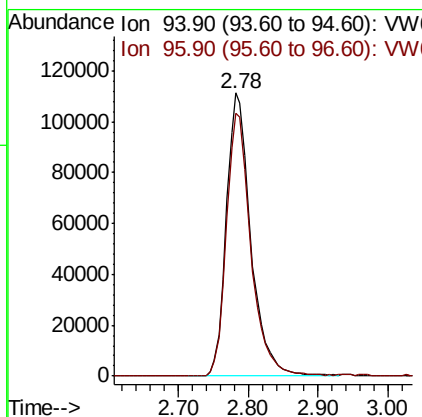
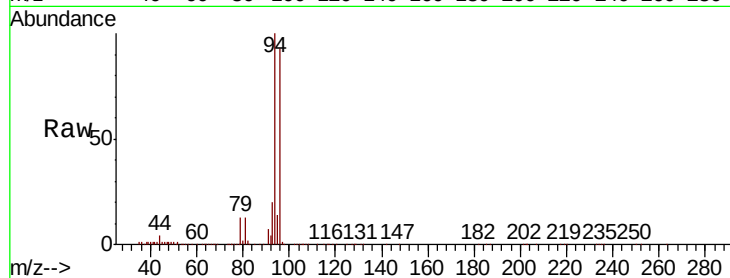
ICVW081918

Tgt Ion: 94 Resp: 268885

Ion Ratio Lower Upper

94 100

96 92.9 74.3 111.5



#6

Chloroethane

Concen: 49.390 ug/l

RT: 2.93 min Scan# 220

Delta R.T. -0.00 min

Lab File: VW004742.D

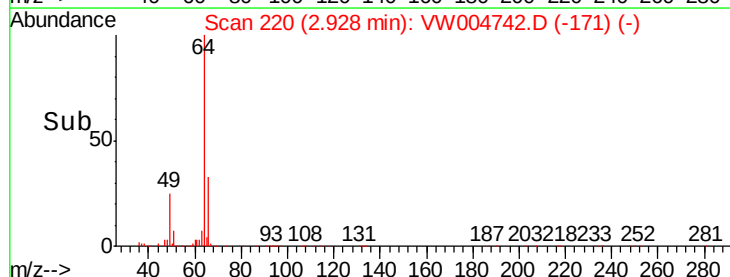
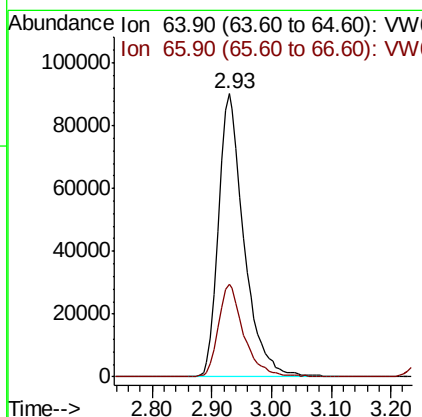
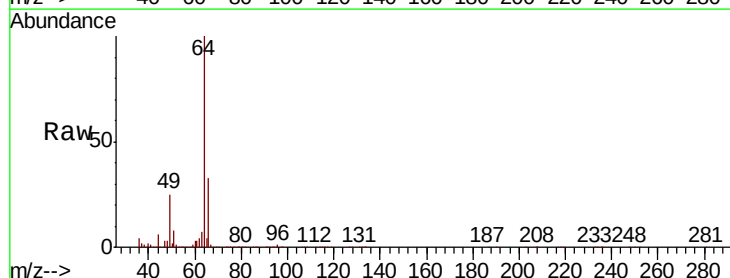
Acq: 17 Aug 2018 19:21

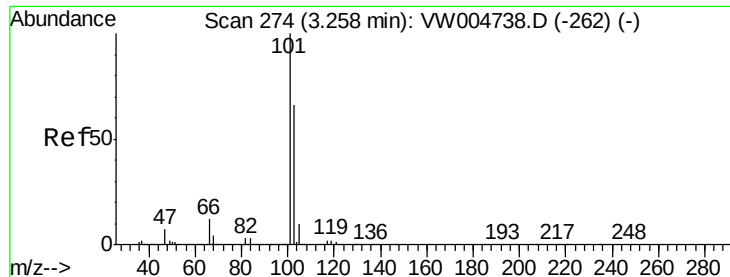
Tgt Ion: 64 Resp: 266180

Ion Ratio Lower Upper

64 100

66 32.7 26.1 39.1



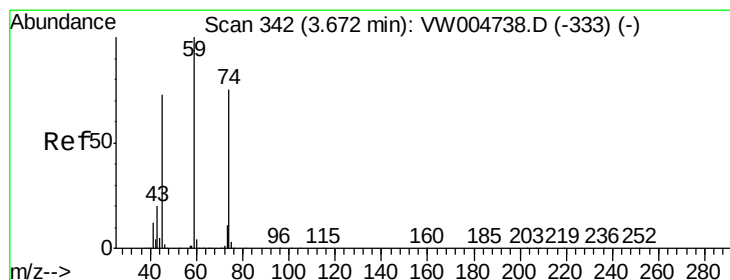
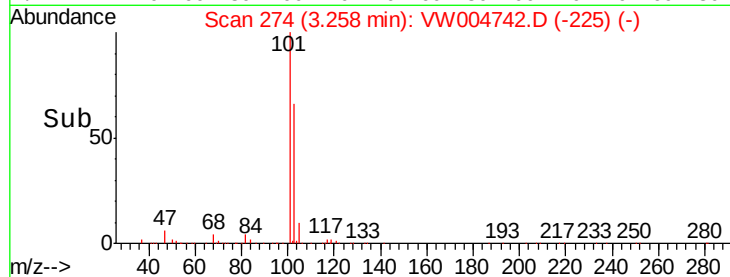
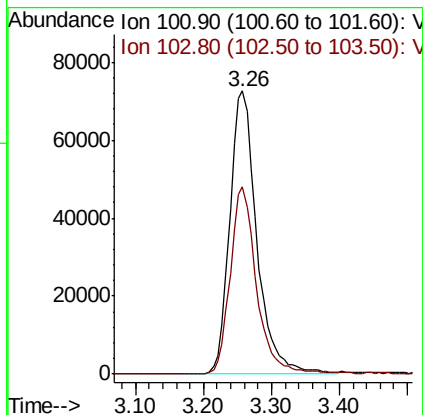
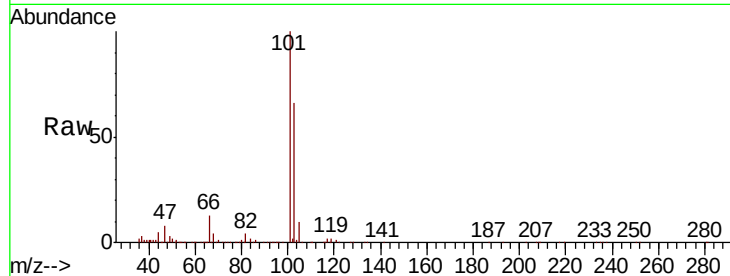


#7

Trichlorofluoromethane
Concen: 47.710 ug/l
RT: 3.26 min Scan# 274
Delta R.T. -0.00 min
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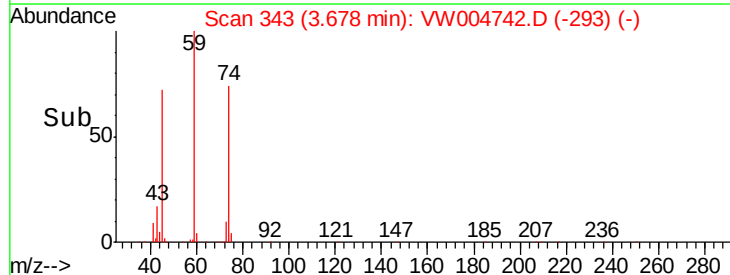
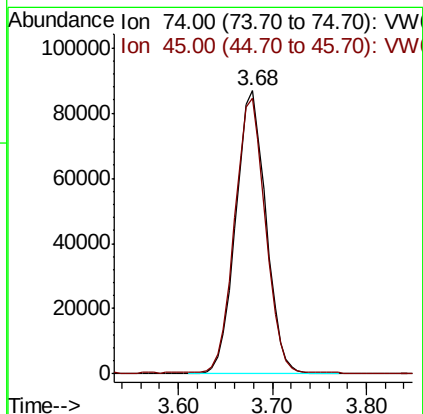
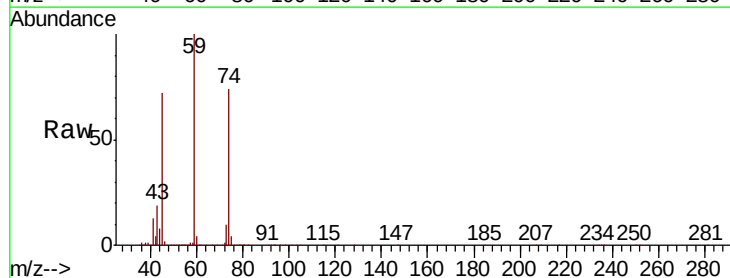
Tgt Ion: 101 Resp: 200754
Ion Ratio Lower Upper
101 100
103 66.0 52.5 78.7

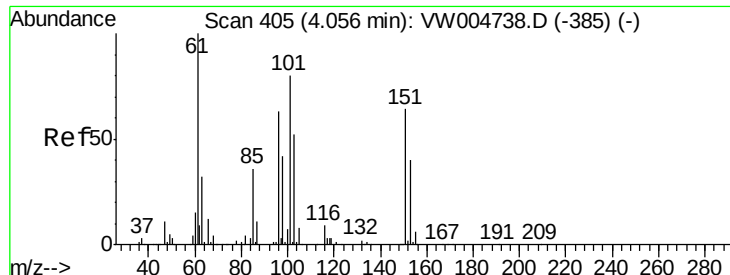


#8

Diethyl Ether
Concen: 50.819 ug/l
RT: 3.68 min Scan# 343
Delta R.T. 0.01 min
Lab File: VW004742.D
Acq: 17 Aug 2018 19:21

Tgt Ion: 74 Resp: 193338
Ion Ratio Lower Upper
74 100
45 98.8 49.8 149.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.659 ug/l

RT: 4.06 min Scan# 405

Delta R.T. -0.00 min

Lab File: VW004742.D

Acq: 17 Aug 2018 19:21

Instrument :

MSVOA_W

ClientSampleId :

ICVW081918

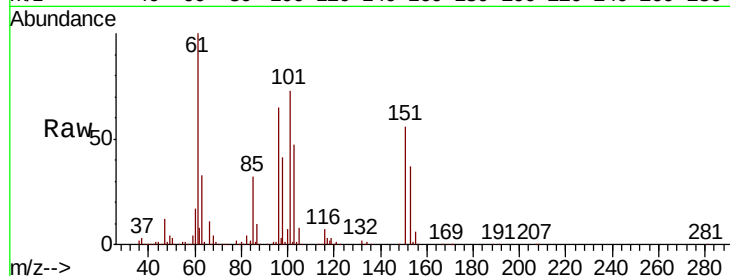
Tgt Ion:101 Resp: 352574

Ion Ratio Lower Upper

101 100

85 41.9 33.9 50.9

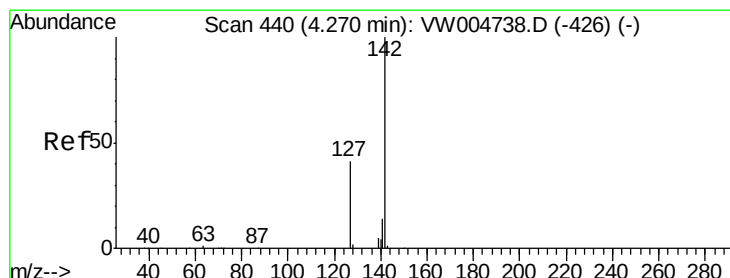
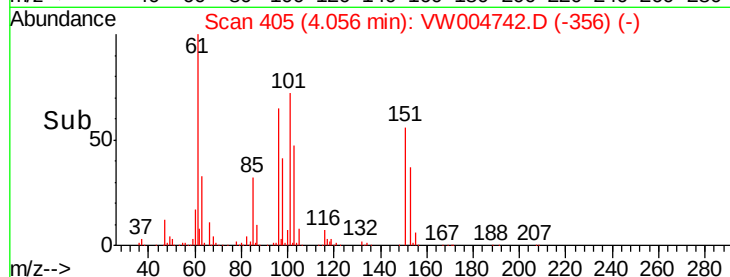
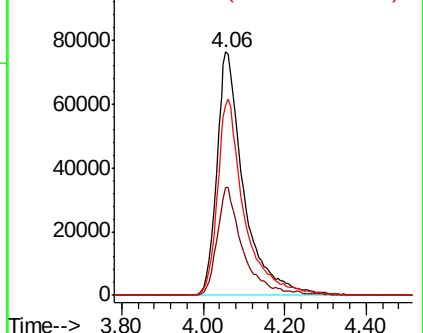
151 79.9 63.4 95.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 49.921 ug/l

RT: 4.27 min Scan# 440

Delta R.T. -0.00 min

Lab File: VW004742.D

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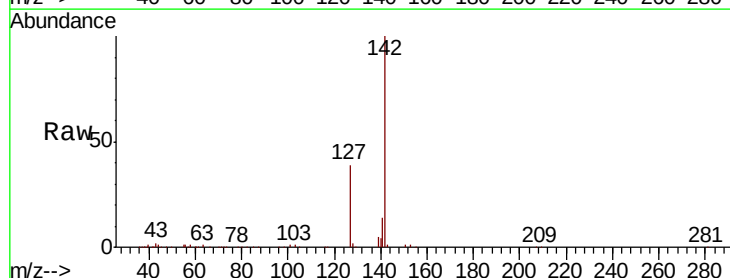
Tgt Ion:142 Resp: 549334

Ion Ratio Lower Upper

142 100

127 39.4 32.1 48.1

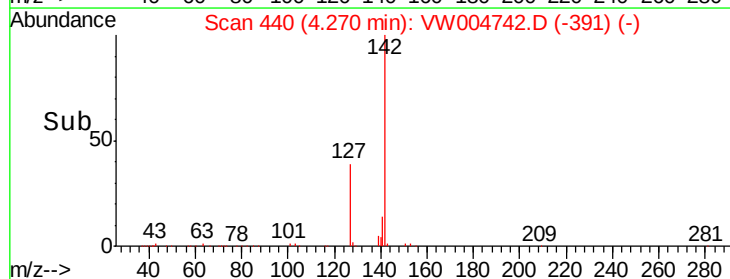
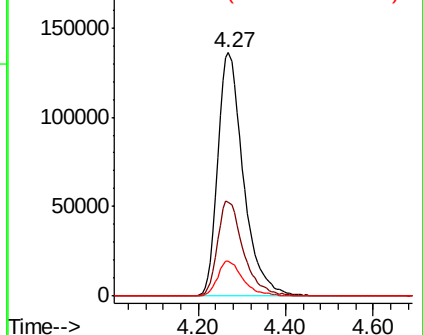
141 14.3 11.7 17.5

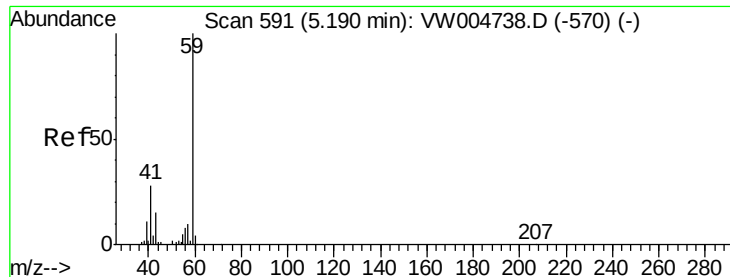


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



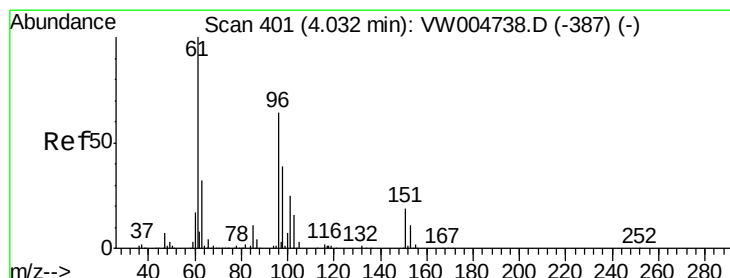
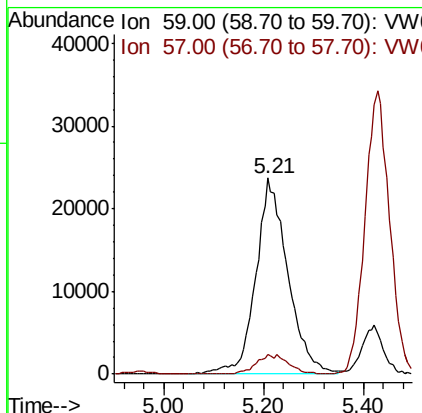
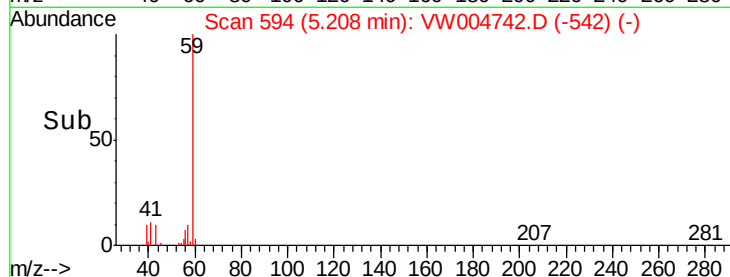
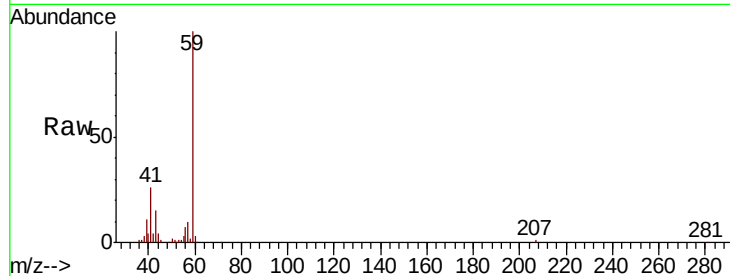


#11

Tert butyl alcohol
Concen: 278.729 ug/l
RT: 5.21 min Scan# 594
Delta R.T. 0.02 min
Lab File: VW004742.D
Acq: 17 Aug 2018 19:21

Instrument :
MSVOA_W
ClientSampleId :
ICVW081918

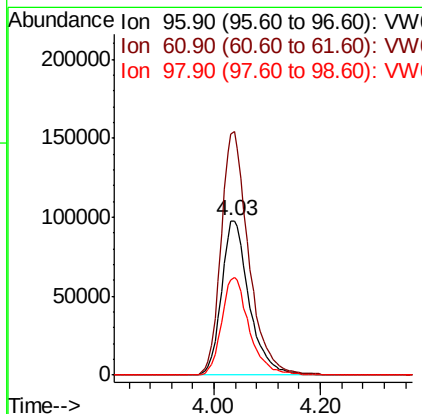
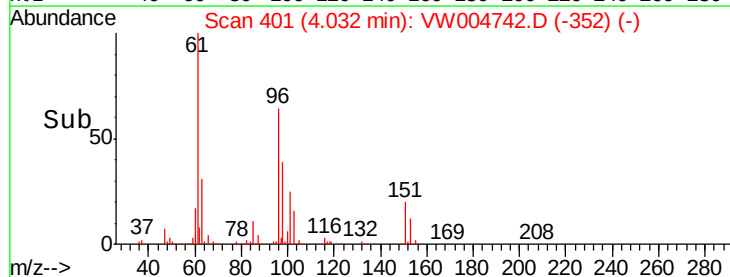
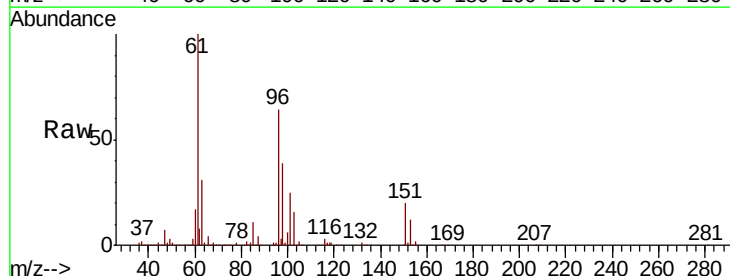
Tgt Ion: 59 Resp: 105483
Ion Ratio Lower Upper
59 100
57 5.7 8.4 12.6#

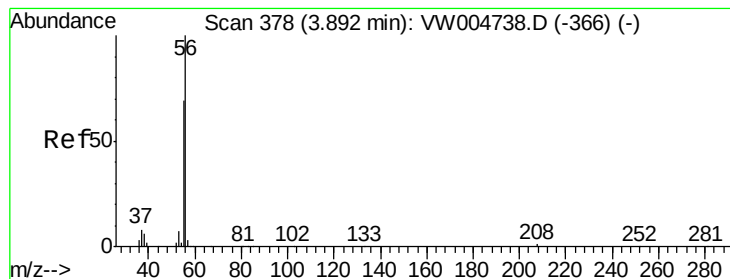


#12

1,1-Dichloroethene
Concen: 49.034 ug/l
RT: 4.03 min Scan# 401
Delta R.T. -0.00 min
Lab File: VW004742.D
Acq: 17 Aug 2018 19:21

Tgt Ion: 96 Resp: 354045
Ion Ratio Lower Upper
96 100
61 156.9 125.6 188.4
98 61.7 49.4 74.0





#13

Acrolein

Concen: 246.734 ug/l

RT: 3.89 min Scan# 378

Delta R.T. -0.00 min

Lab File: VW004742.D

Acq: 17 Aug 2018 19:21

Instrument :

MSVOA_W

ClientSampleId :

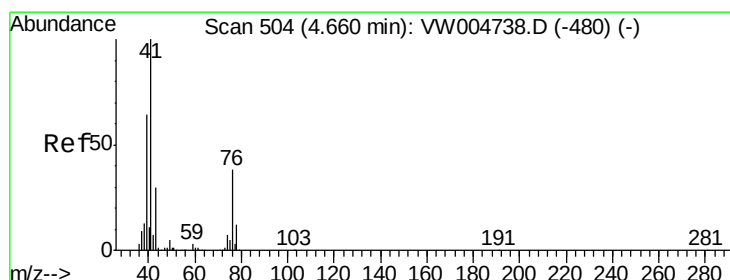
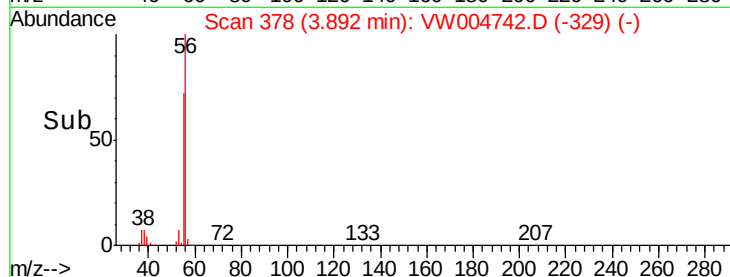
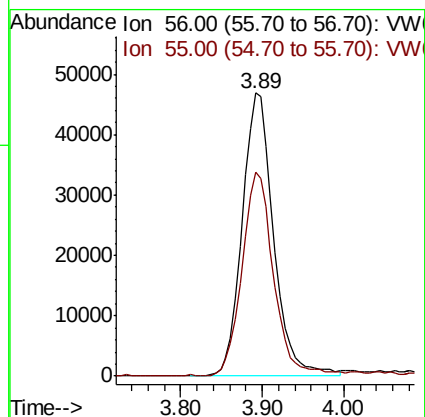
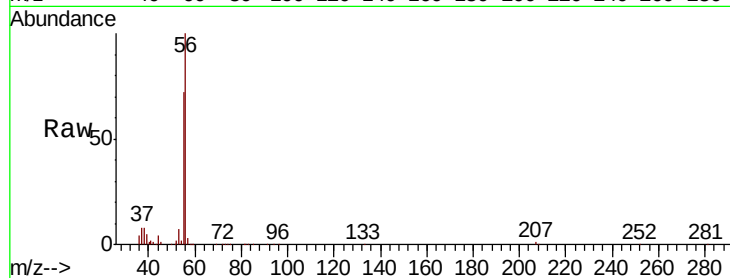
ICVW081918

Tgt Ion: 56 Resp: 125303

Ion Ratio Lower Upper

56 100

55 72.0 56.1 84.1



#14

Allyl chloride

Concen: 50.817 ug/l

RT: 4.66 min Scan# 504

Delta R.T. -0.00 min

Lab File: VW004742.D

Acq: 17 Aug 2018 19:21

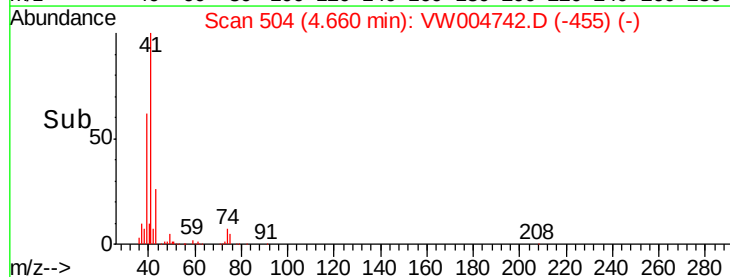
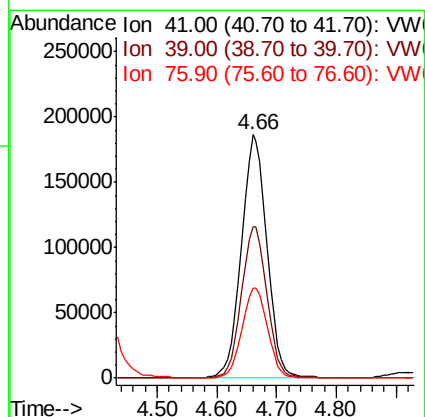
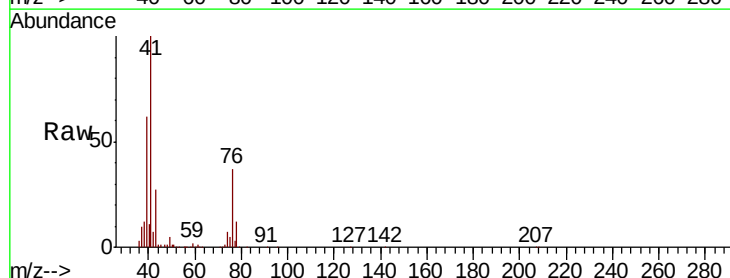
Tgt Ion: 41 Resp: 556820

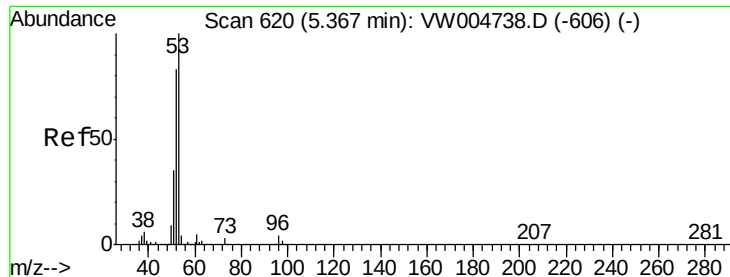
Ion Ratio Lower Upper

41 100

39 62.1 50.0 75.0

76 37.0 29.8 44.6





#15

Acrylonitrile

Concen: 268.099 ug/l

RT: 5.37 min Scan# 621

Delta R.T. 0.01 min

Lab File: VW004742.D

Acq: 17 Aug 2018 19:21

Instrument :

MSVOA_W

ClientSampleId :

ICVW081918

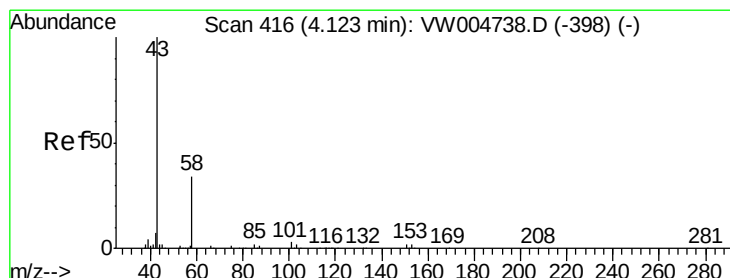
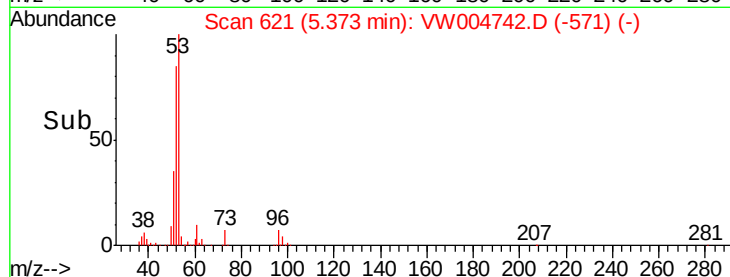
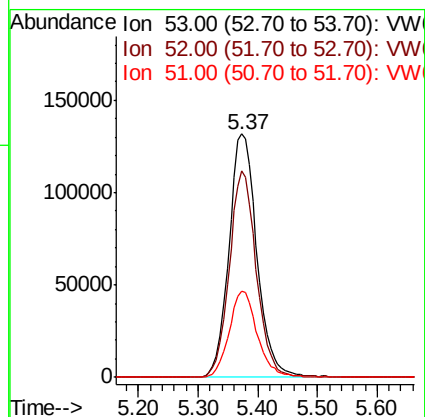
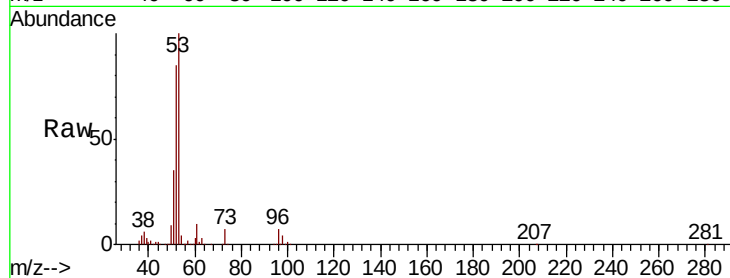
Tgt Ion: 53 Resp: 427749

Ion Ratio Lower Upper

53 100

52 82.1 65.8 98.6

51 35.6 28.7 43.1



#16

Acetone

Concen: 253.048 ug/l

RT: 4.14 min Scan# 418

Delta R.T. 0.01 min

Lab File: VW004742.D

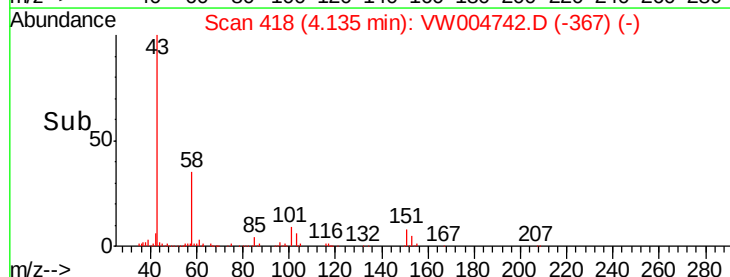
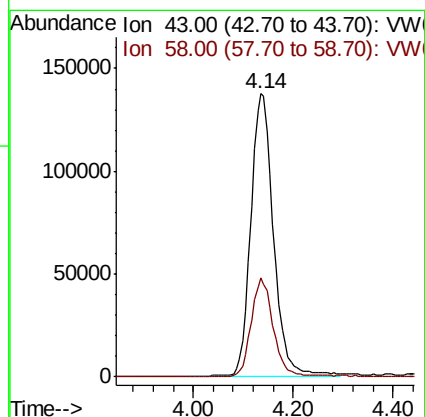
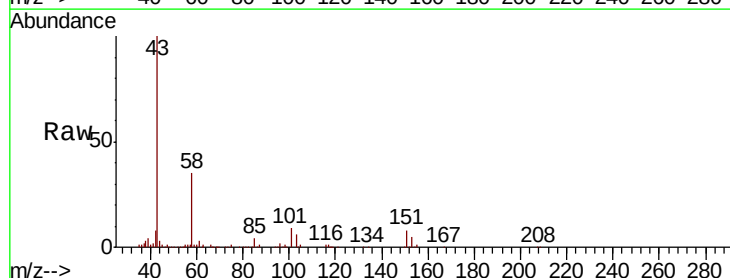
Acq: 17 Aug 2018 19:21

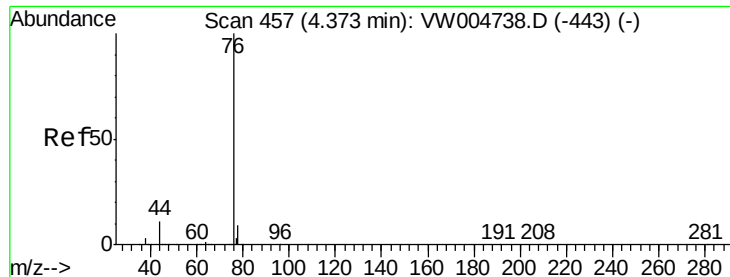
Tgt Ion: 43 Resp: 437571

Ion Ratio Lower Upper

43 100

58 34.6 27.3 40.9

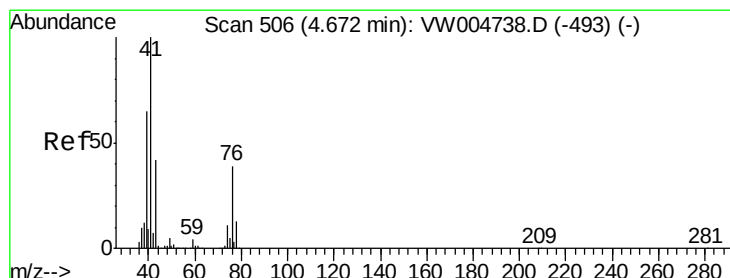
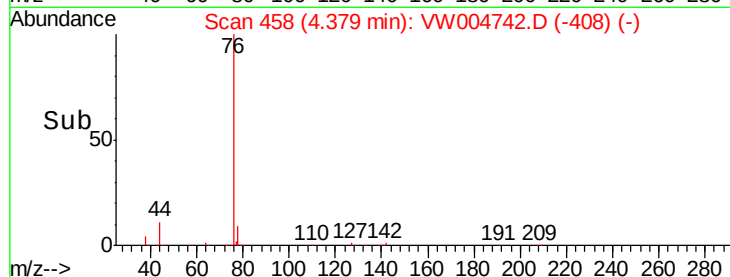
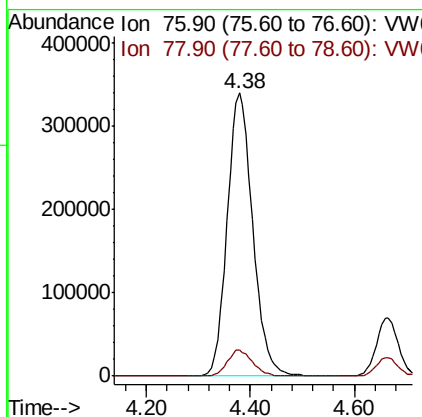
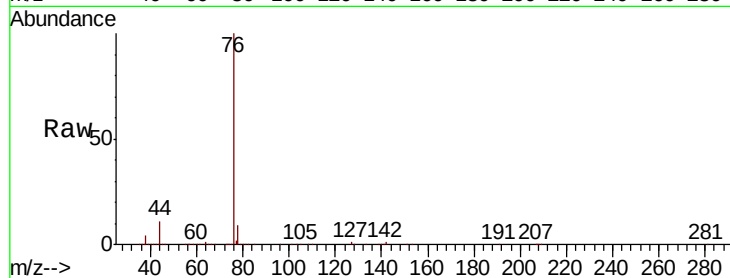




#17
Carbon Disulfide
Concen: 49.161 ug/l
RT: 4.38 min Scan# 458
Delta R.T. 0.01 min
Lab File: VW004742.D
Acq: 17 Aug 2018 19:21

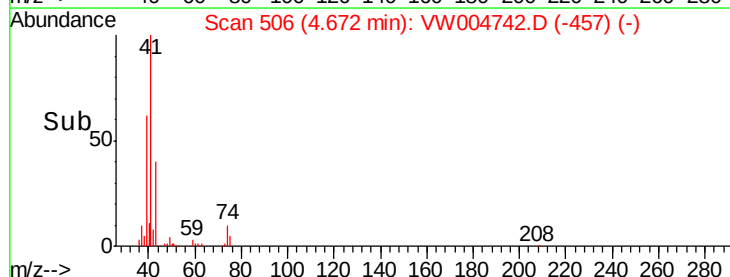
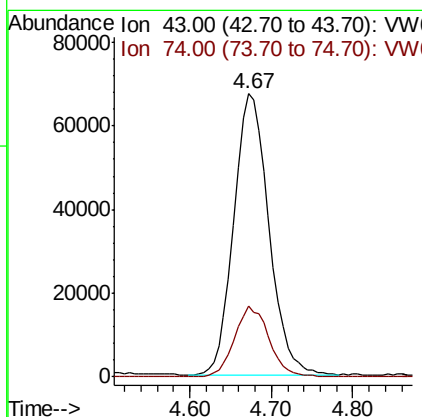
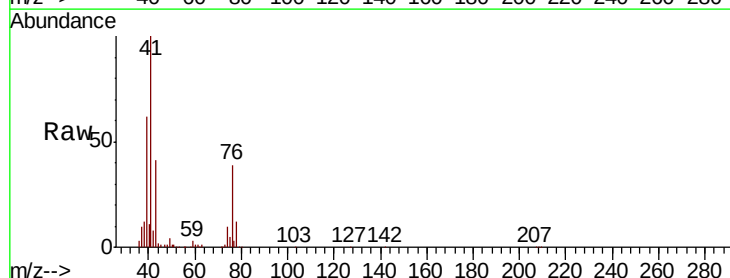
Instrument :
MSVOA_W
ClientSampleId :
ICVW081918

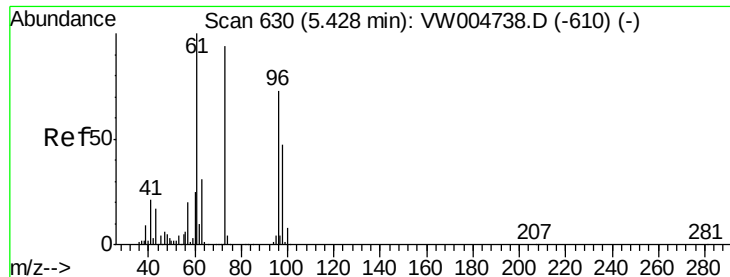
Tgt Ion: 76 Resp: 1166503
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2



#18
Methyl Acetate
Concen: 54.153 ug/l
RT: 4.67 min Scan# 506
Delta R.T. -0.00 min
Lab File: VW004742.D
Acq: 17 Aug 2018 19:21

Tgt Ion: 43 Resp: 200670
Ion Ratio Lower Upper
43 100
74 24.8 19.8 29.8

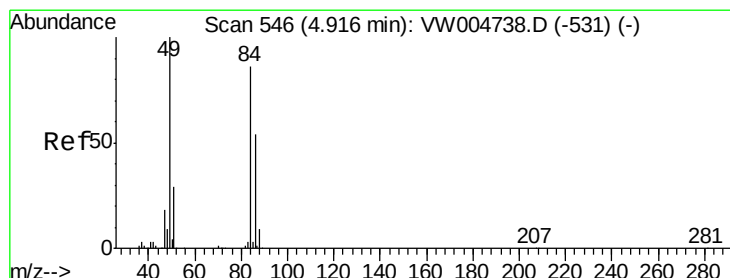
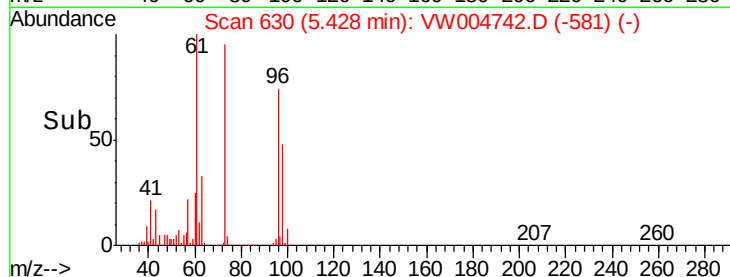
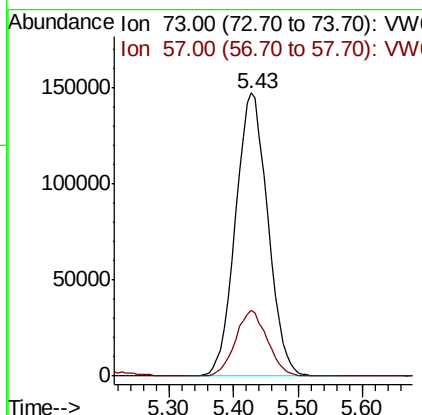
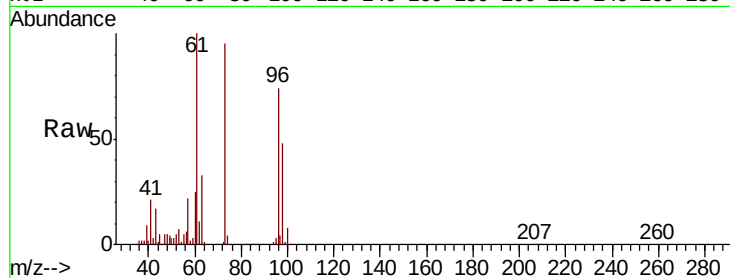




#19
Methyl tert-butyl Ether
Concen: 54.341 ug/l
RT: 5.43 min Scan# 630
Delta R.T. -0.00 min
Lab File: VW004742.D
Acq: 17 Aug 2018 19:21

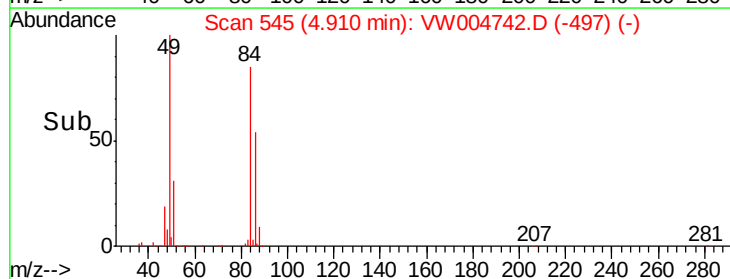
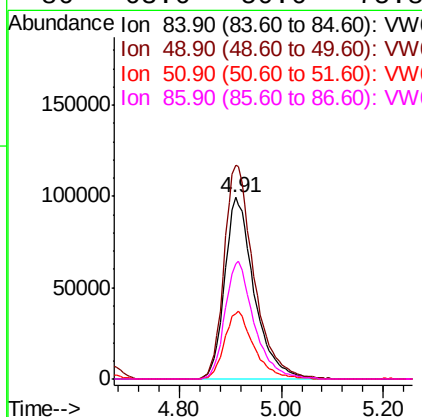
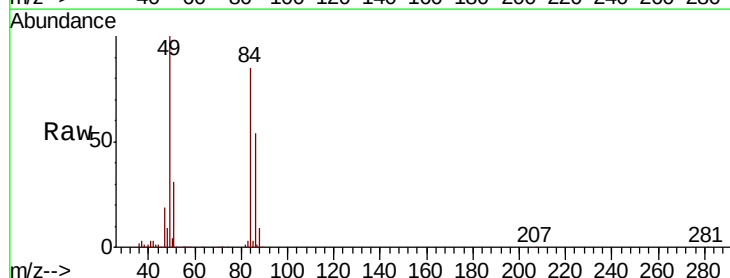
Instrument :
MSVOA_W
ClientSampleId :
ICVW081918

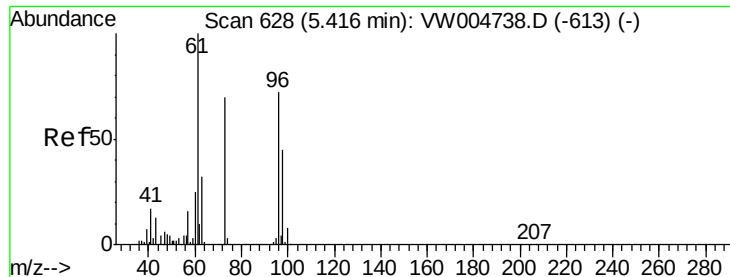
Tgt Ion: 73 Resp: 509323
Ion Ratio Lower Upper
73 100
57 23.3 17.3 25.9



#20
Methylene Chloride
Concen: 50.579 ug/l
RT: 4.91 min Scan# 545
Delta R.T. -0.01 min
Lab File: VW004742.D
Acq: 17 Aug 2018 19:21

Tgt Ion: 84 Resp: 398939
Ion Ratio Lower Upper
84 100
49 117.7 93.2 139.8
51 36.2 27.4 41.0
86 63.6 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 50.259 ug/l

RT: 5.42 min Scan# 629

Delta R.T. 0.01 min

Lab File: VW004742.D

Acq: 17 Aug 2018 19:21

Instrument :

MSVOA_W

ClientSampleId :

ICVW081918

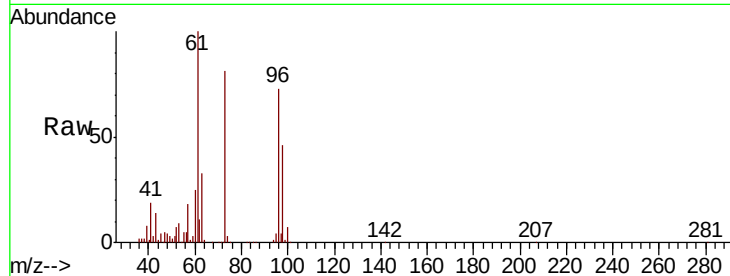
Tgt Ion: 96 Resp: 386112

Ion Ratio Lower Upper

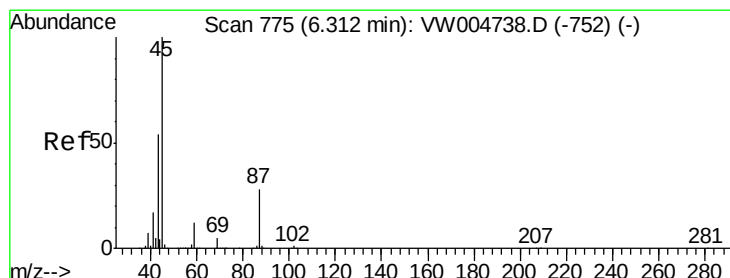
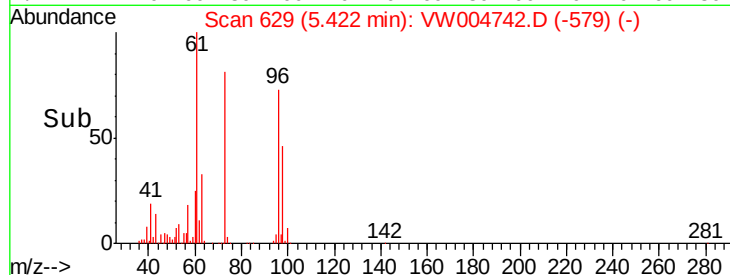
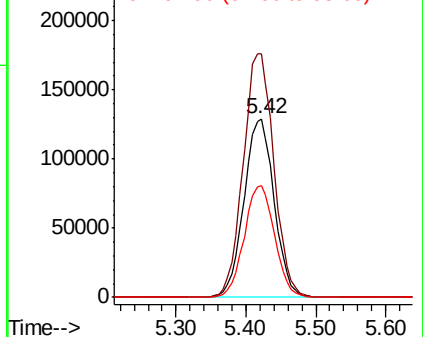
96 100

61 136.3 111.4 167.0

98 62.6 49.7 74.5



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



#22

Diisopropyl ether

Concen: 53.031 ug/l

RT: 6.31 min Scan# 775

Delta R.T. -0.00 min

Lab File: VW004742.D

Acq: 17 Aug 2018 19:21

Tgt Ion: 45 Resp: 1116886

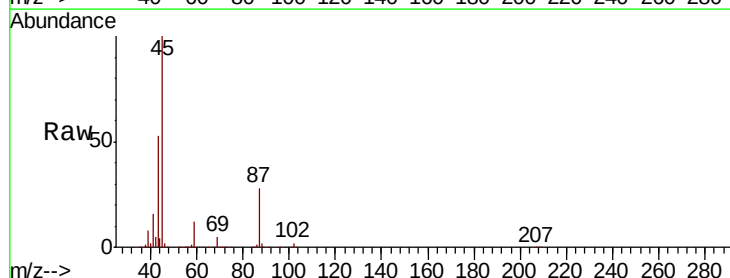
Ion Ratio Lower Upper

45 100

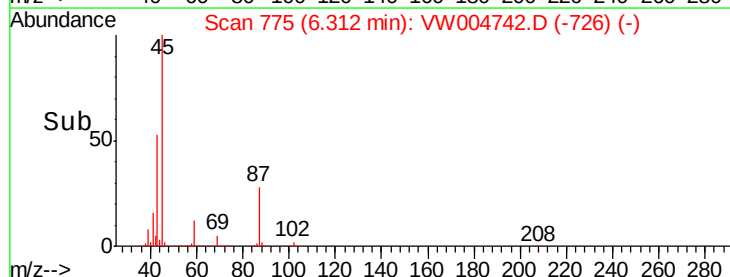
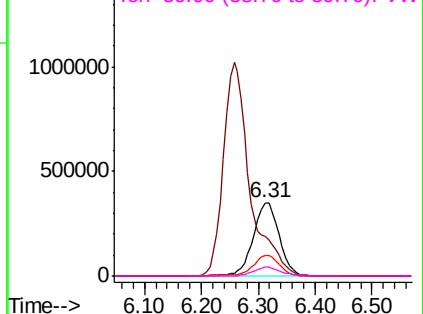
43 53.4 43.0 64.6

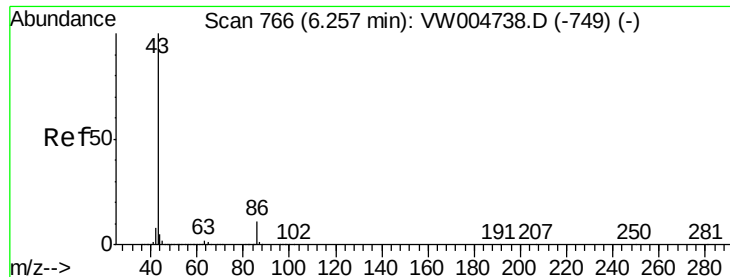
87 27.9 22.2 33.4

59 11.7 9.8 14.6



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

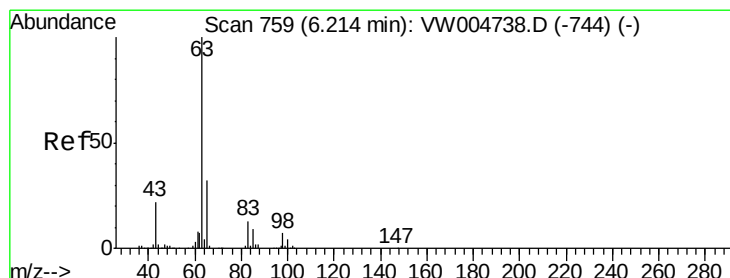
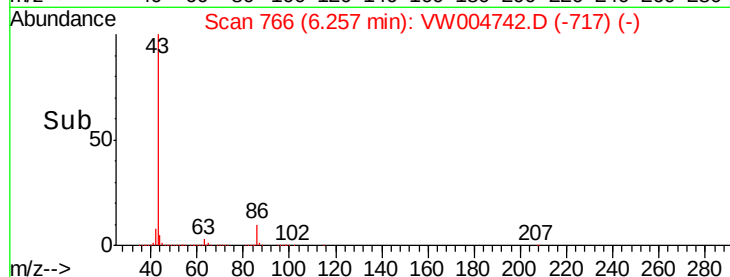
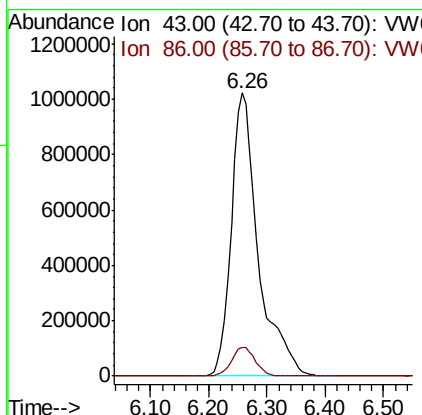
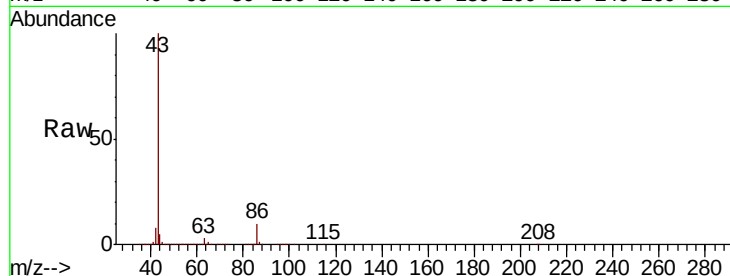




#23
 Vinyl Acetate
 Concen: 276.537 ug/l
 RT: 6.26 min Scan# 766
 Delta R.T. -0.00 min
 Lab File: VW004742.D
 Acq: 17 Aug 2018 19:21

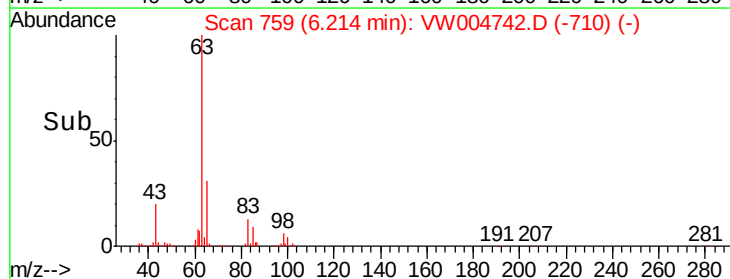
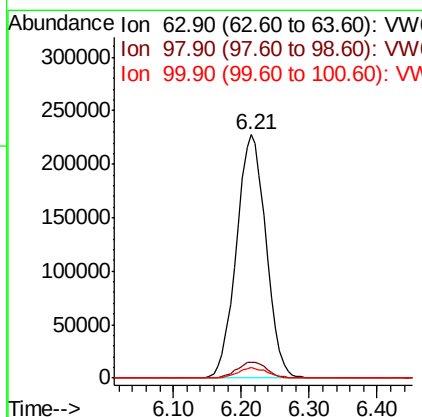
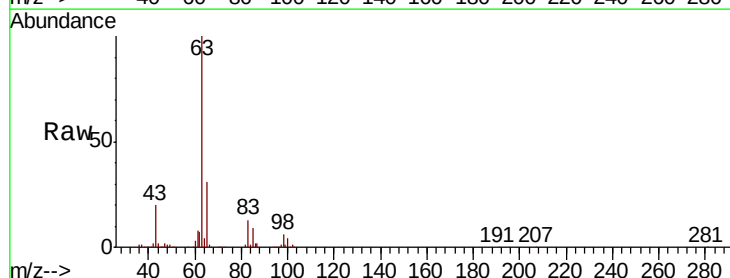
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW081918

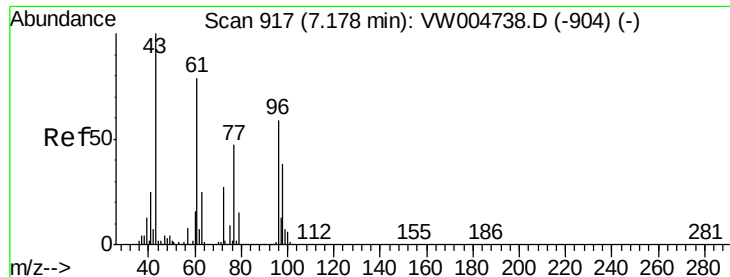
Tgt Ion: 43 Resp: 3294276
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 50.131 ug/l
 RT: 6.21 min Scan# 759
 Delta R.T. -0.00 min
 Lab File: VW004742.D
 Acq: 17 Aug 2018 19:21

Tgt Ion: 63 Resp: 686105
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.5 10.4
 100 4.3 2.1 6.3





#25

2-Butanone

Concen: 266.894 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.01 min

Lab File: VW004742.D

Acq: 17 Aug 2018 19:21

Instrument :

MSVOA_W

ClientSampled :

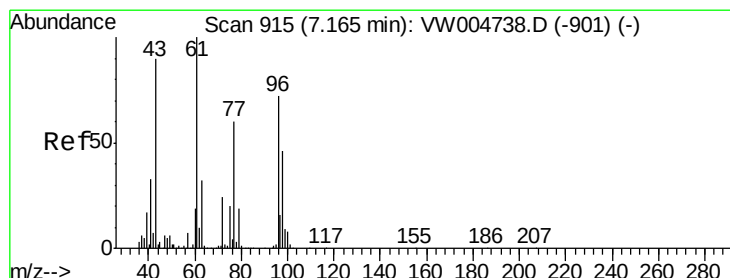
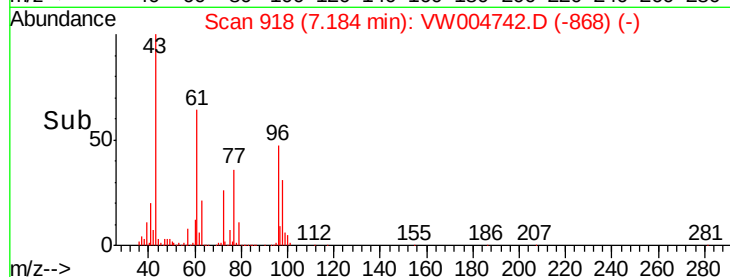
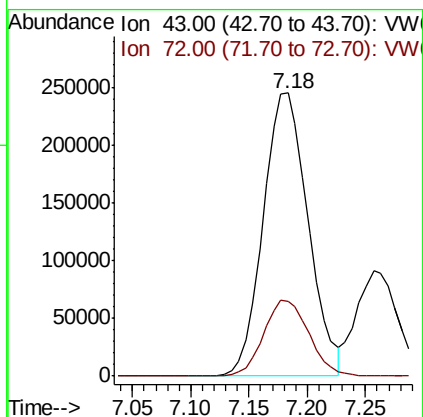
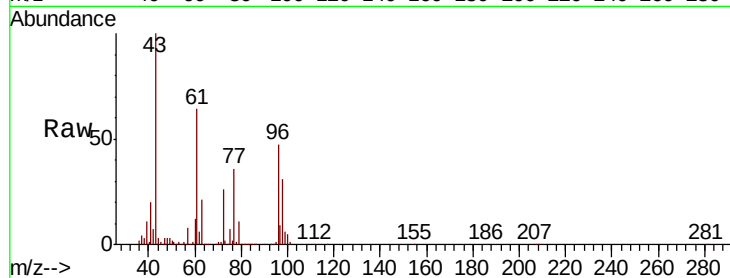
ICVW081918

Tgt Ion: 43 Resp: 657570

Ion Ratio Lower Upper

43 100

72 26.4 22.0 33.0



#26

2,2-Dichloropropane

Concen: 46.353 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW004742.D

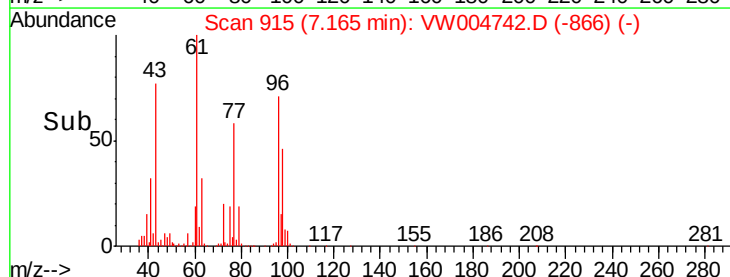
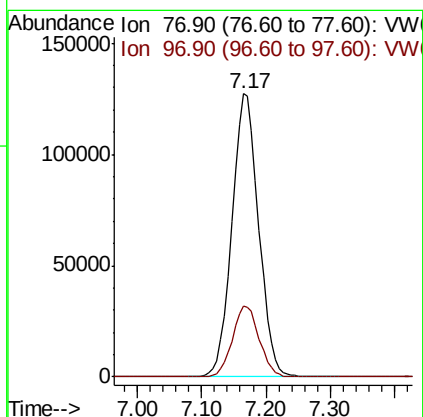
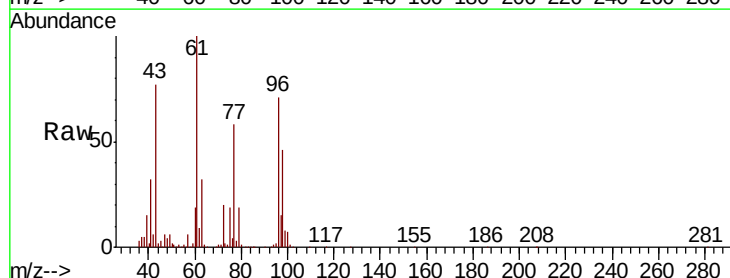
Acq: 17 Aug 2018 19:21

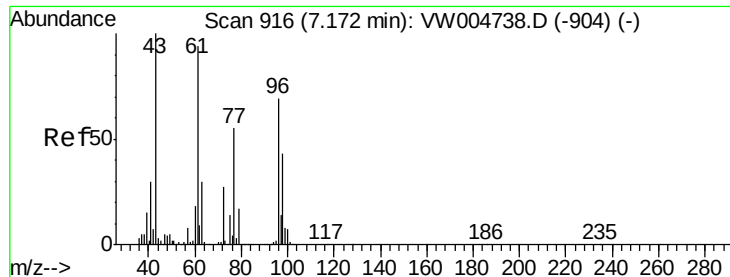
Tgt Ion: 77 Resp: 366415

Ion Ratio Lower Upper

77 100

97 25.1 12.6 37.8



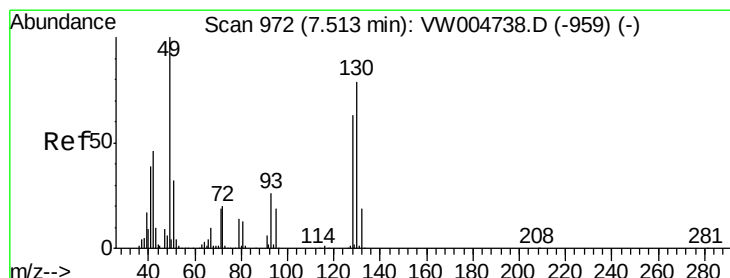
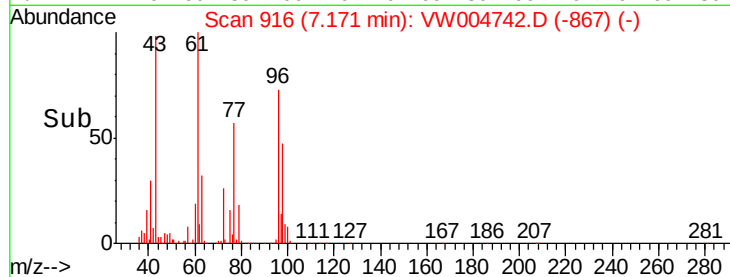
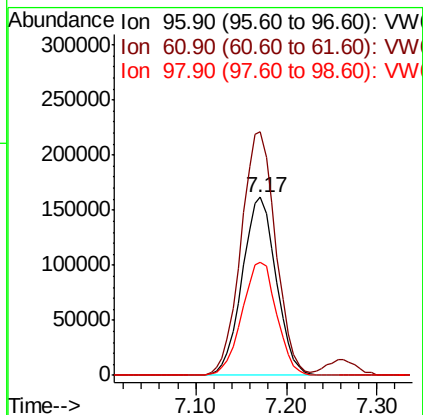
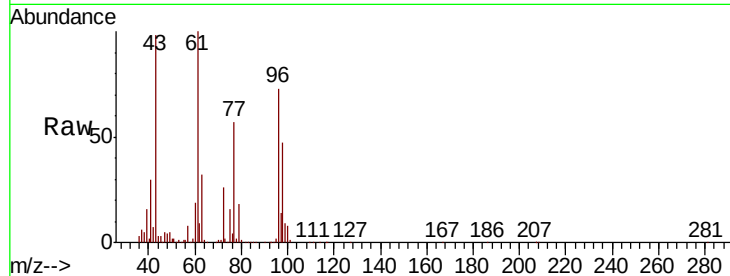


#27

cis-1,2-Dichloroethene
 Concen: 50.758 ug/l
 RT: 7.17 min Scan# 916
 Delta R.T. -0.00 min
 Lab File: VW004742.D
 Acq: 17 Aug 2018 19:21

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW081918

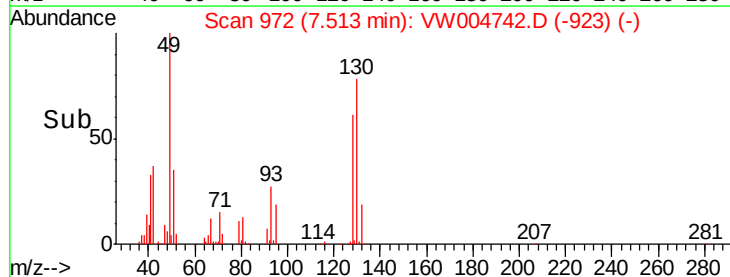
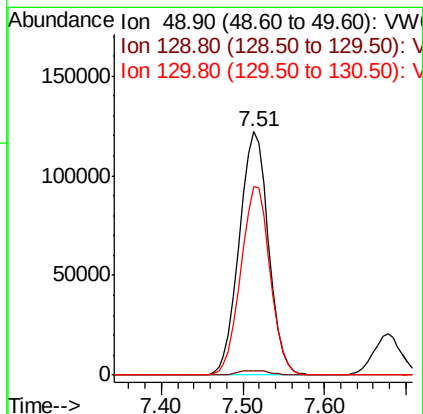
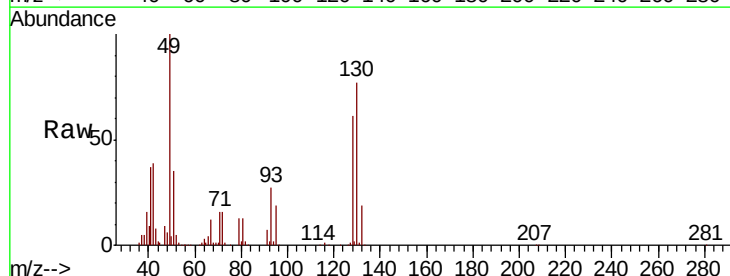
Tgt Ion: 96 Resp: 419789
 Ion Ratio Lower Upper
 96 100
 61 139.3 0.0 277.6
 98 64.7 0.0 127.4

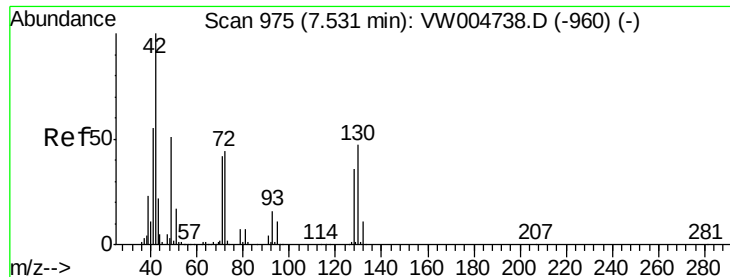


#28

Bromochloromethane
 Concen: 52.855 ug/l
 RT: 7.51 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: VW004742.D
 Acq: 17 Aug 2018 19:21

Tgt Ion: 49 Resp: 304620
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.4
 130 77.5 63.7 95.5

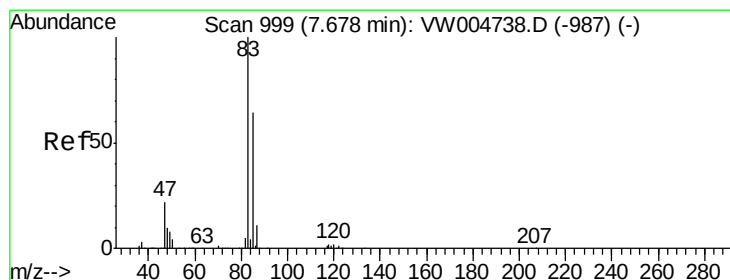
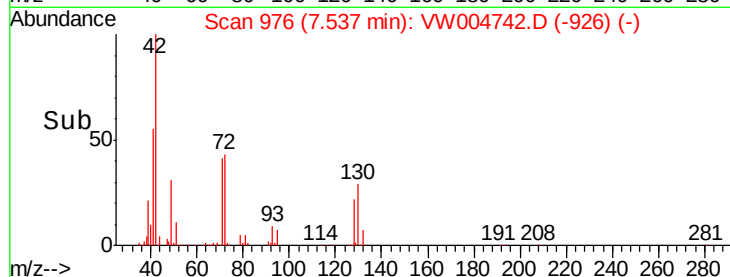
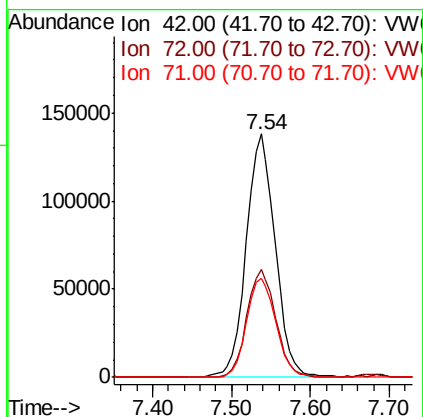
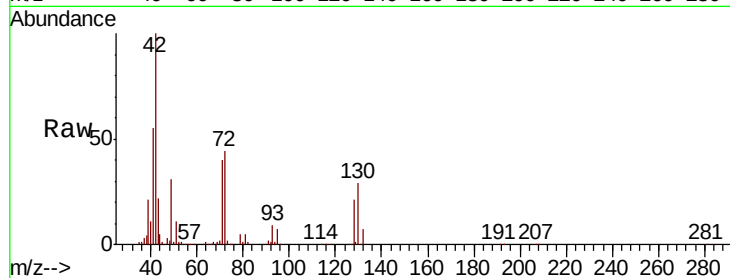




#29
Tetrahydrofuran
Concen: 279.163 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.01 min
Lab File: VW004742.D
Acq: 17 Aug 2018 19:21

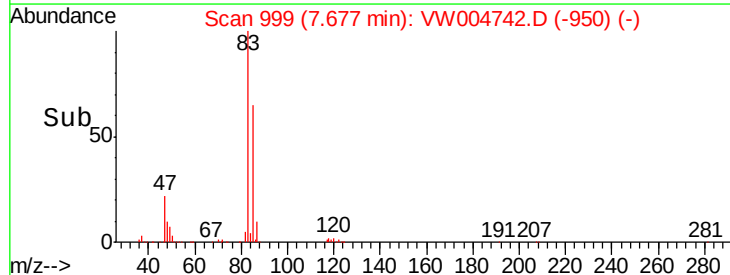
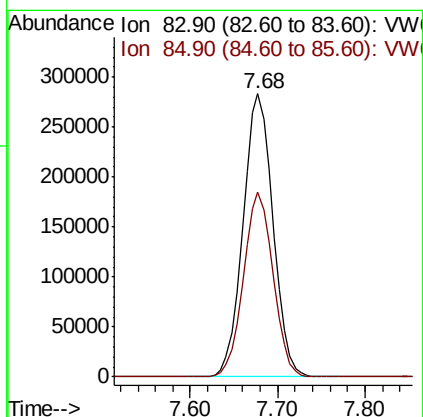
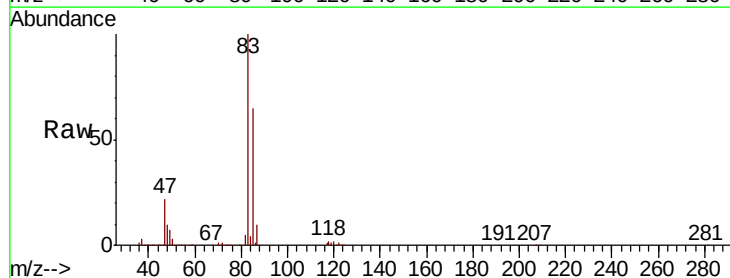
Instrument :
MSVOA_W
ClientSampleId :
ICVW081918

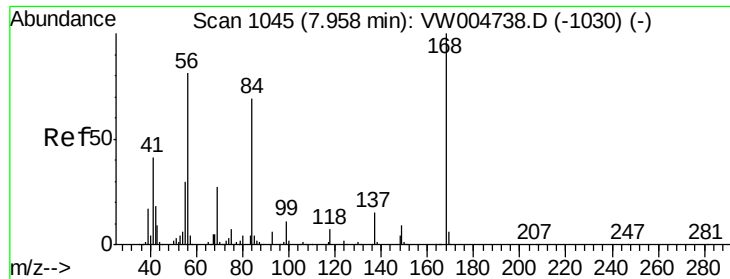
Tgt Ion: 42 Resp: 350725
Ion Ratio Lower Upper
42 100
72 44.4 34.9 52.3
71 41.6 33.8 50.6



#30
Chloroform
Concen: 49.758 ug/l
RT: 7.68 min Scan# 999
Delta R.T. -0.00 min
Lab File: VW004742.D
Acq: 17 Aug 2018 19:21

Tgt Ion: 83 Resp: 669755
Ion Ratio Lower Upper
83 100
85 65.1 51.0 76.6

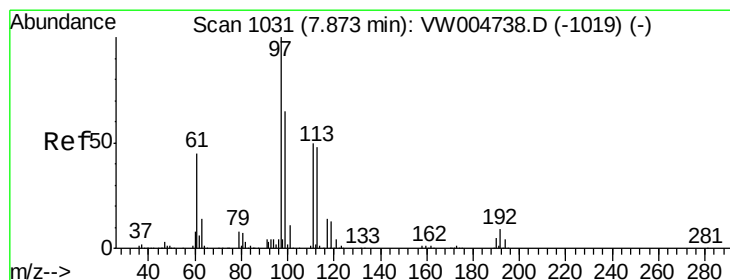
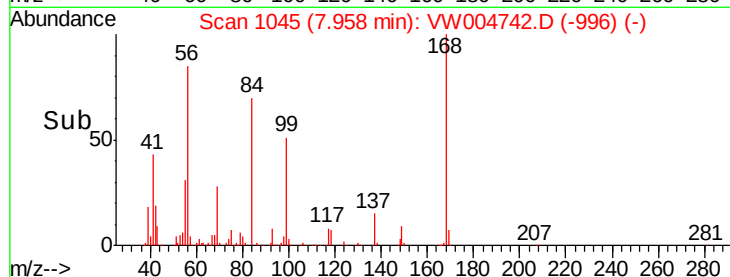
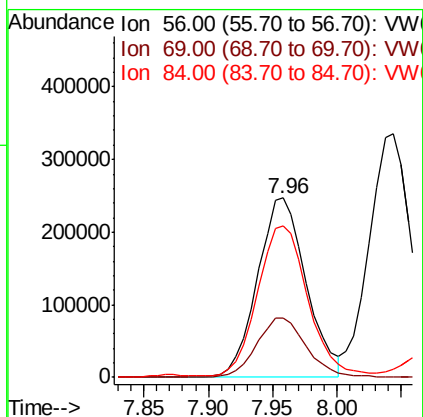
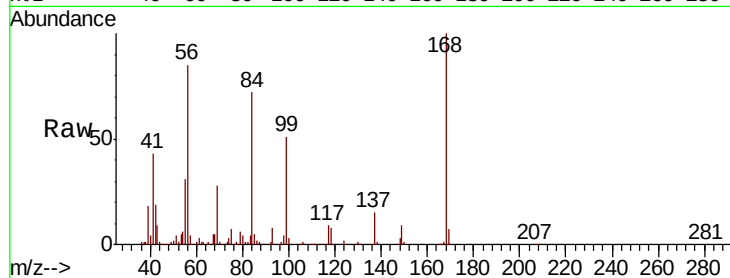




#31
Cyclohexane
Concen: 48.908 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. -0.00 min
Lab File: VW004742.D
Acq: 17 Aug 2018 19:21

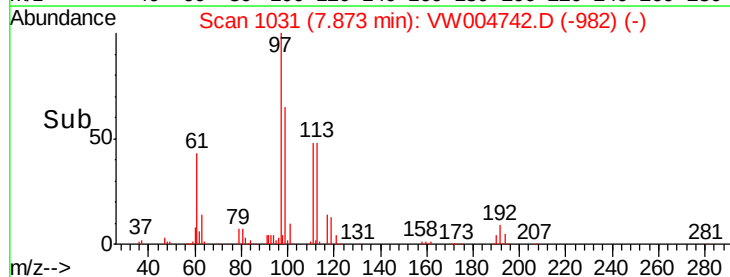
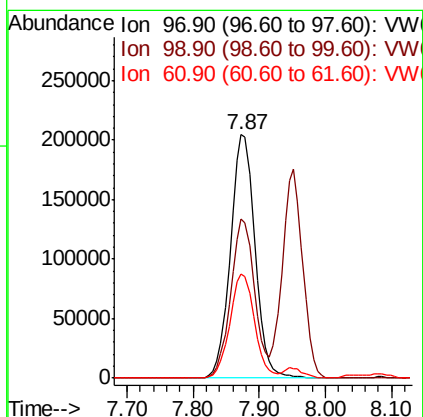
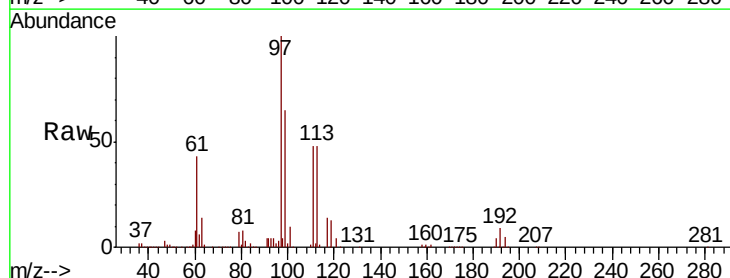
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ClientSampleId :
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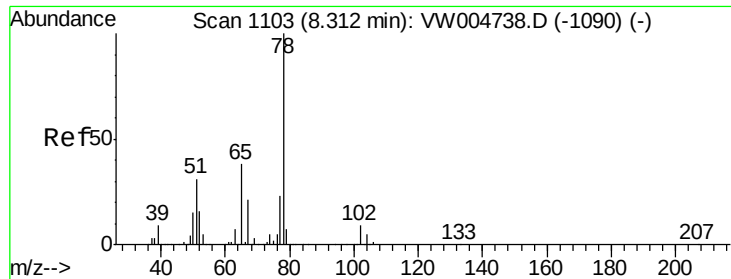
Tgt Ion: 56 Resp: 647444
Ion Ratio Lower Upper
56 100
69 33.3 27.1 40.7
84 83.6 68.3 102.5



#32
1,1,1-Trichloroethane
Concen: 49.263 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VW004742.D
Acq: 17 Aug 2018 19:21

Tgt Ion: 97 Resp: 525629
Ion Ratio Lower Upper
97 100
99 63.9 51.7 77.5
61 43.0 34.4 51.6

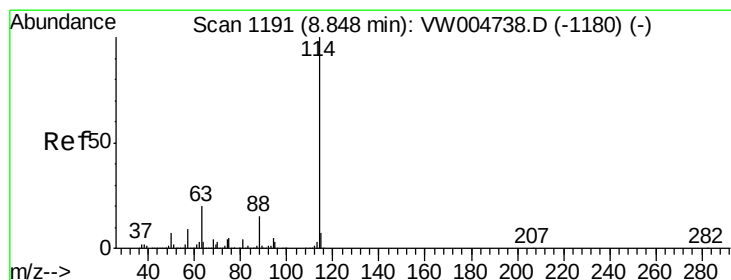
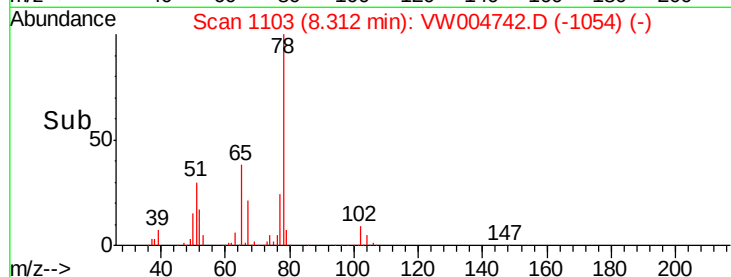
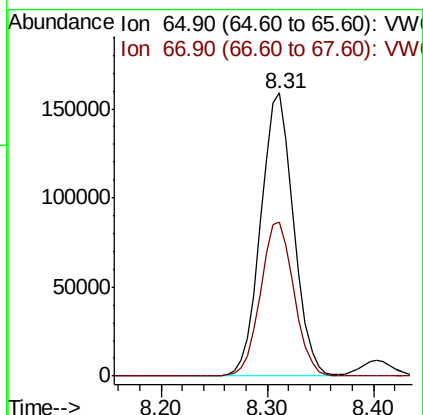
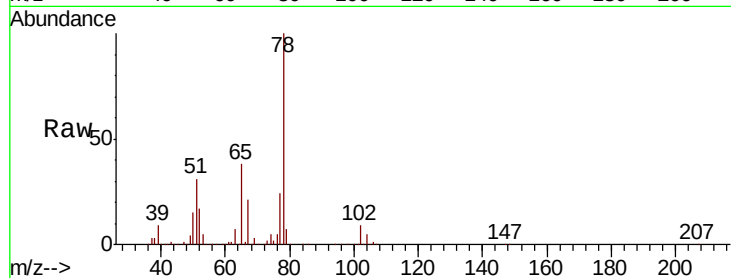




#33
 1,2-Dichloroethane-d4
 Concen: 50.618 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW004742.D
 Acq: 17 Aug 2018 19:21

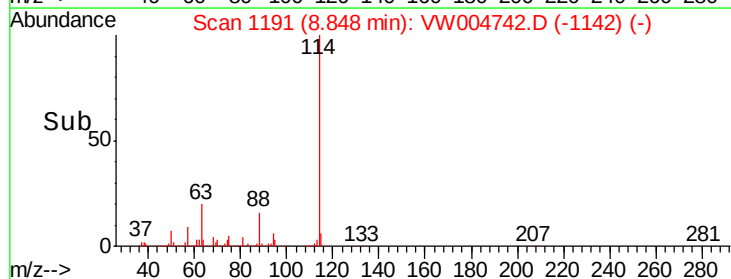
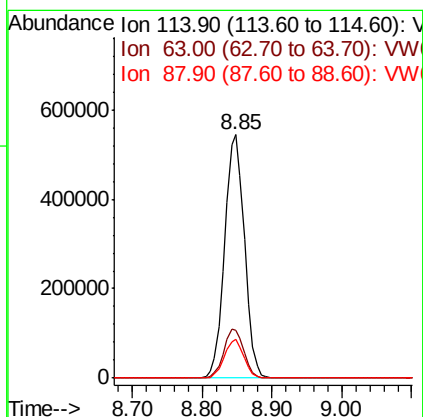
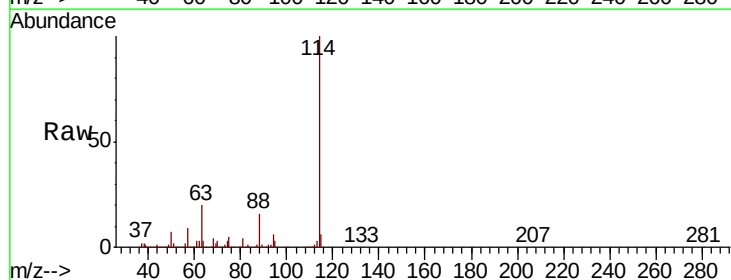
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW081918

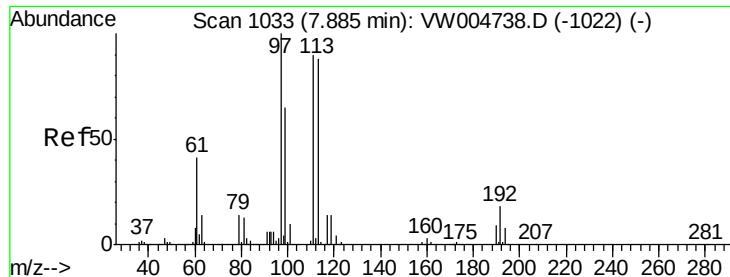
Tgt Ion: 65 Resp: 342884
 Ion Ratio Lower Upper
 65 100
 67 55.8 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW004742.D
 Acq: 17 Aug 2018 19:21

Tgt Ion: 114 Resp: 1068758
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.0
 88 16.1 0.0 30.0

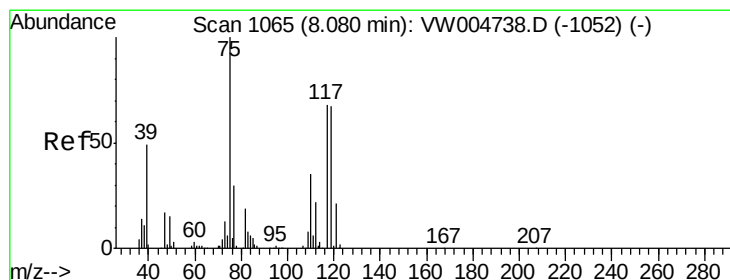
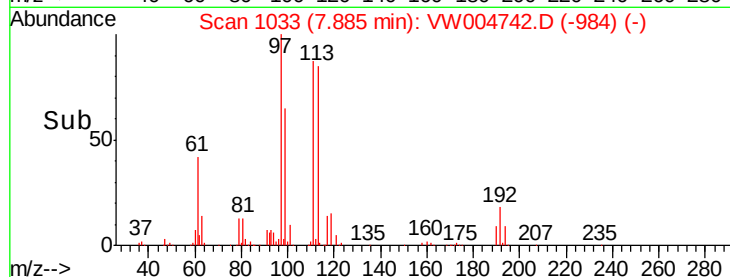
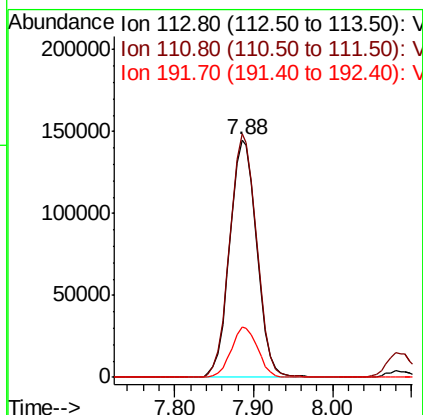
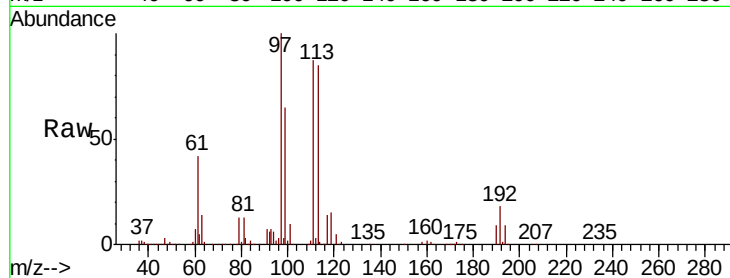




#35
 Dibromofluoromethane
 Concen: 50.341 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW004742.D
 Acq: 17 Aug 2018 19:21

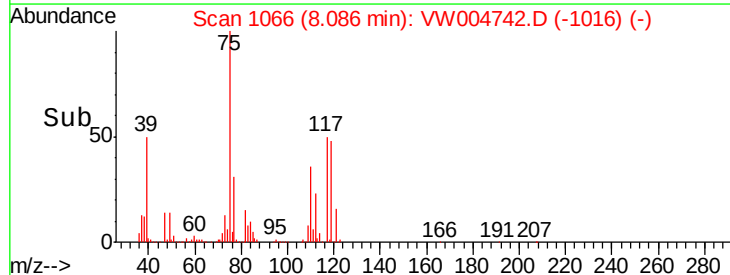
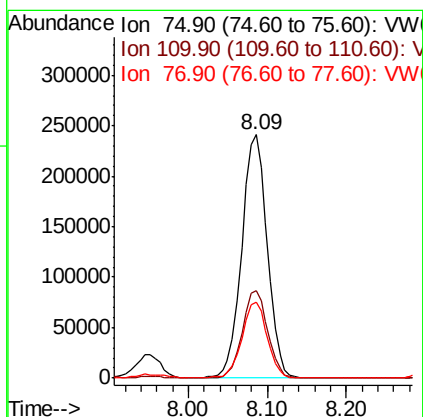
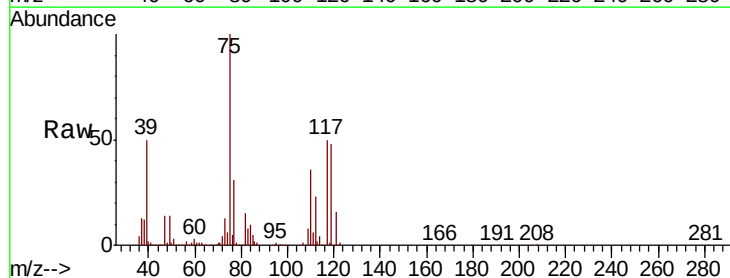
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW081918

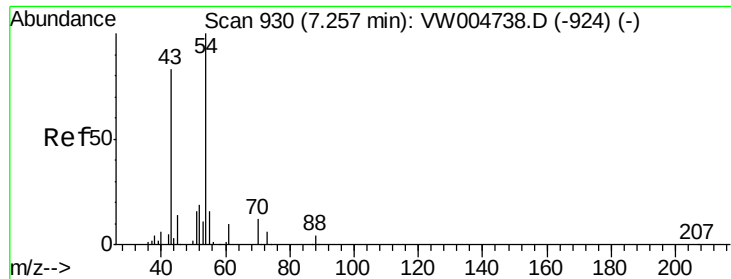
Tgt Ion: 113 Resp: 343868
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.4 123.6
 192 20.8 16.7 25.1



#36
 1,1-Dichloropropene
 Concen: 49.248 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. 0.01 min
 Lab File: VW004742.D
 Acq: 17 Aug 2018 19:21

Tgt Ion: 75 Resp: 542226
 Ion Ratio Lower Upper
 75 100
 110 35.7 17.8 53.5
 77 31.1 24.9 37.3

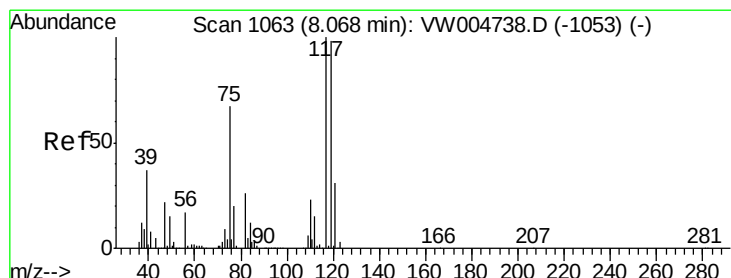
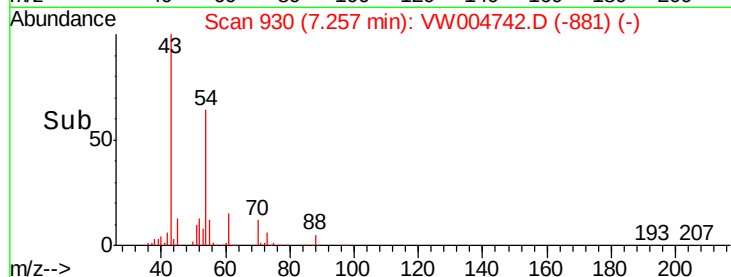
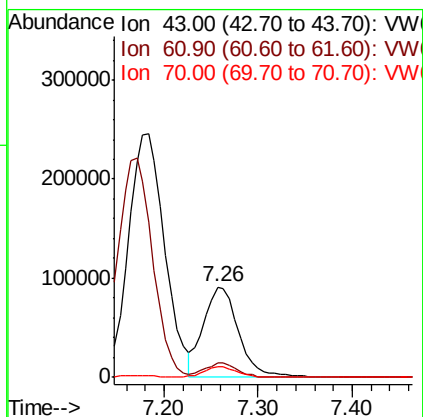
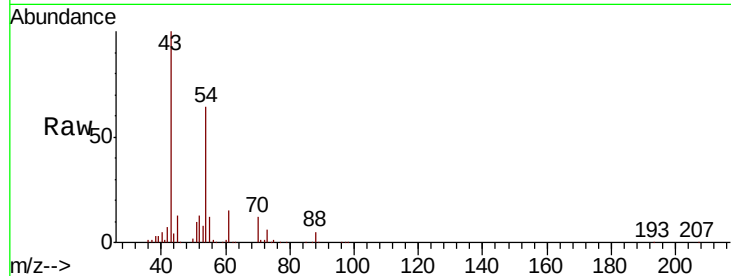




#37
Ethyl Acetate
Concen: 53.153 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.00 min
Lab File: VW004742.D
Acq: 17 Aug 2018 19:21

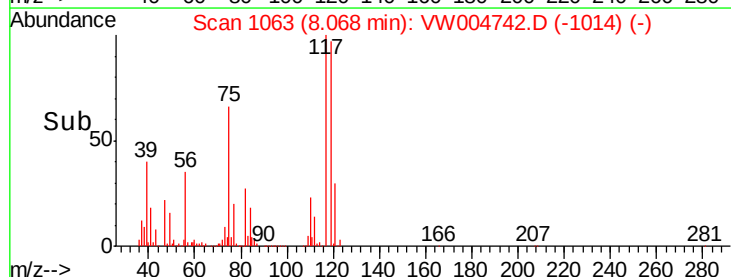
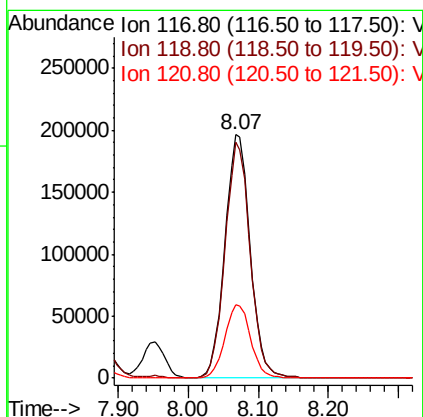
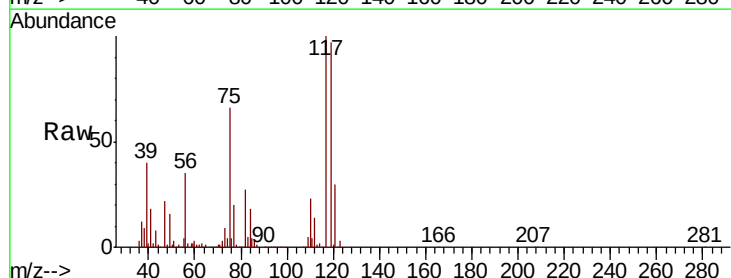
Instrument :
MSVOA_W
ClientSampleId :
ICVW081918

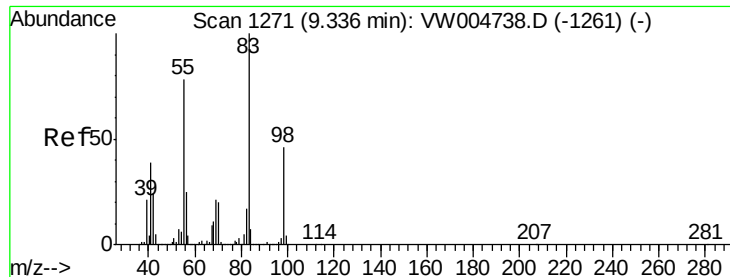
Tgt Ion: 43 Resp: 233287
Ion Ratio Lower Upper
43 100
61 14.8 11.6 17.4
70 11.1 9.2 13.8



#38
Carbon Tetrachloride
Concen: 48.592 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VW004742.D
Acq: 17 Aug 2018 19:21

Tgt Ion: 117 Resp: 492467
Ion Ratio Lower Upper
117 100
119 96.7 78.0 117.0
121 30.1 24.8 37.2

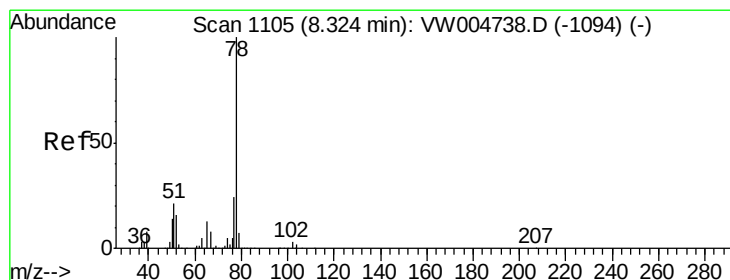
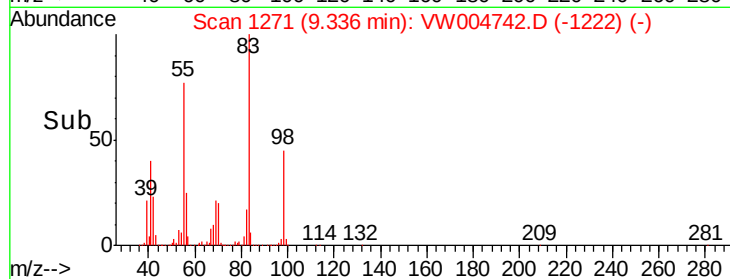
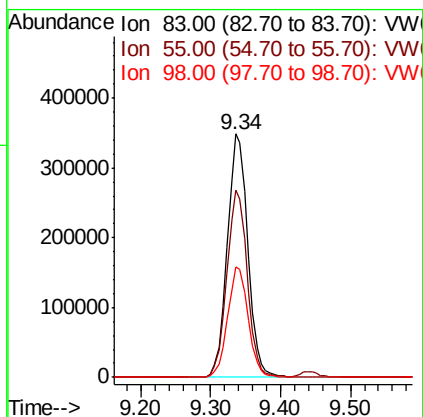
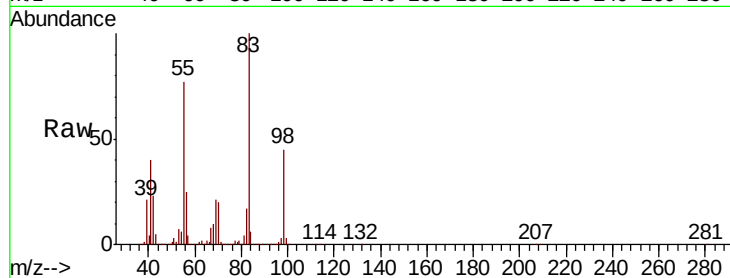




#39
Methylcyclohexane
Concen: 51.508 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VW004742.D
Acq: 17 Aug 2018 19:21

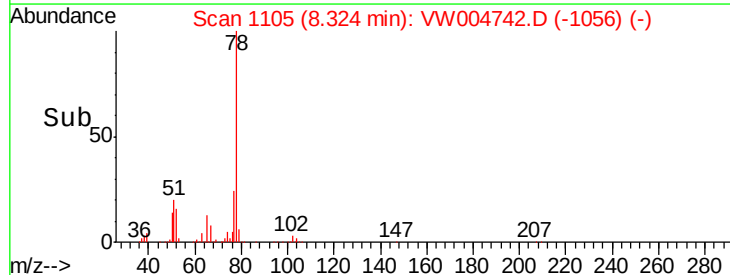
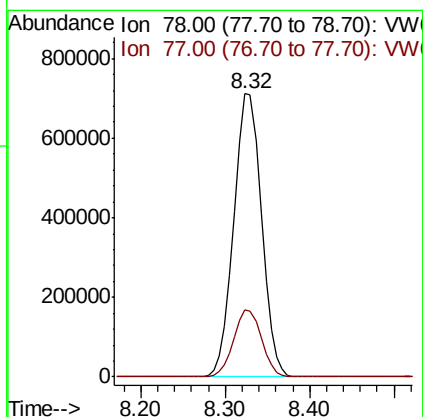
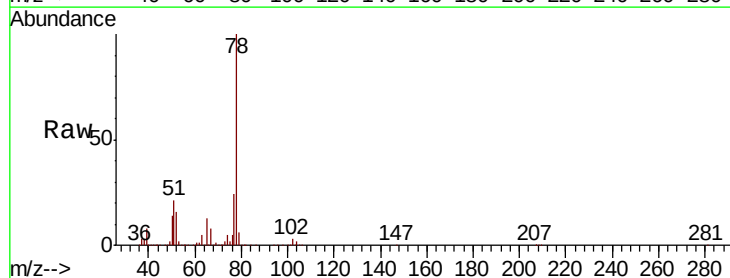
Instrument :
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ClientSampleId :
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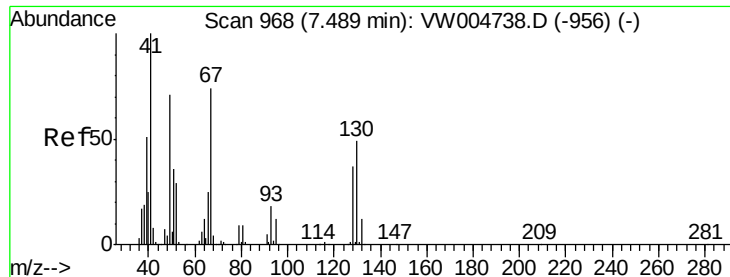
Tgt Ion: 83 Resp: 709214
Ion Ratio Lower Upper
83 100
55 76.9 62.4 93.6
98 45.3 36.5 54.7



#40
Benzene
Concen: 49.473 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VW004742.D
Acq: 17 Aug 2018 19:21

Tgt Ion: 78 Resp: 1582996
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.6

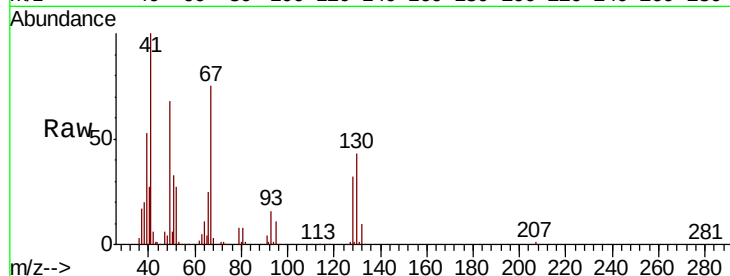




#41
Methacrylonitrile
Concen: 53.397 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.00 min
Lab File: VW004742.D
Acq: 17 Aug 2018 19:21

Instrument :
MSVOA_W
ClientSampleId :
ICVW081918

Tgt Ion:	41	Resp:	133003
Ion	Ratio	Lower	Upper
41	100		
39	52.6	41.0	61.4
67	78.8	59.5	89.3
52	30.5	23.6	35.4



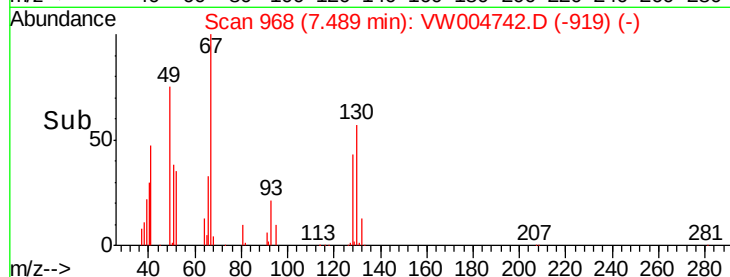
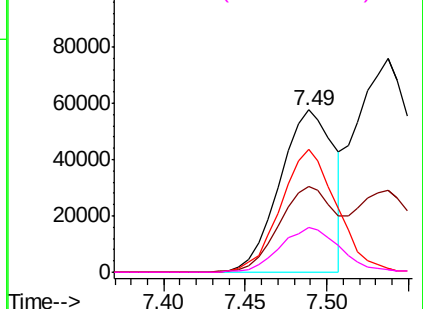
Abundance

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

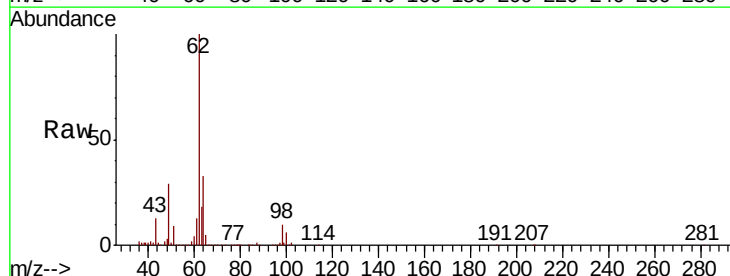
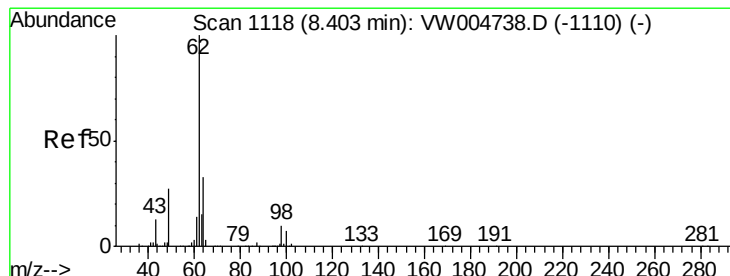
Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42
1,2-Dichloroethane
Concen: 50.572 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. -0.00 min
Lab File: VW004742.D
Acq: 17 Aug 2018 19:21

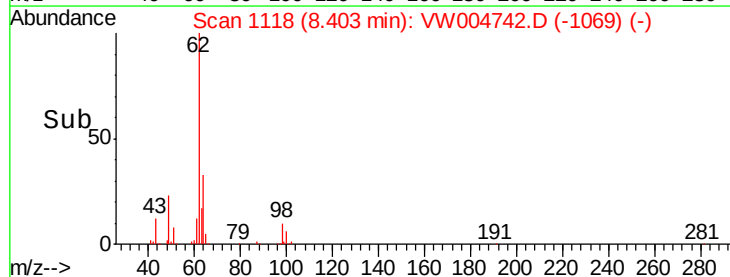
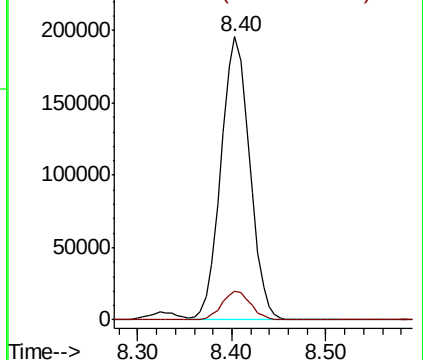
Tgt Ion:	62	Resp:	414953
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.2

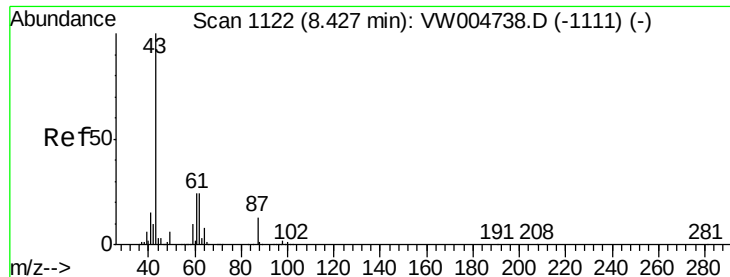


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW

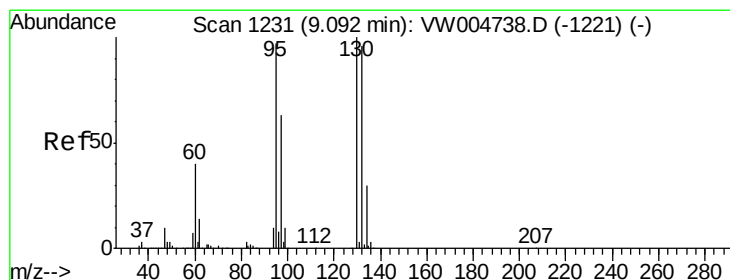
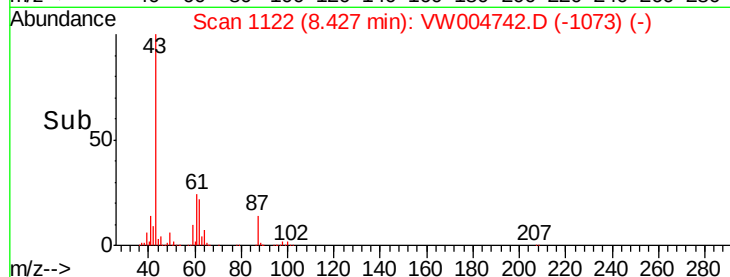
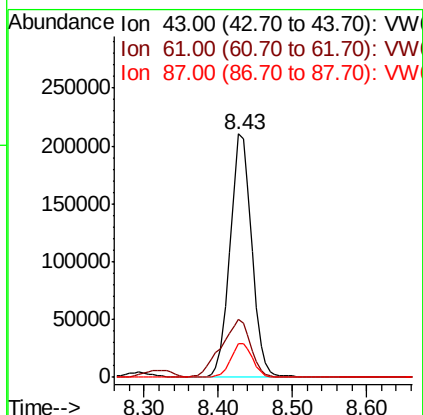
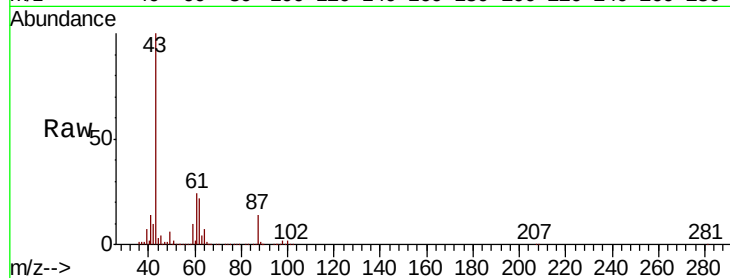




#43
Isopropyl Acetate
Concen: 54.599 ug/l
RT: 8.43 min Scan# 1122
Delta R.T. -0.00 min
Lab File: VW004742.D
Acq: 17 Aug 2018 19:21

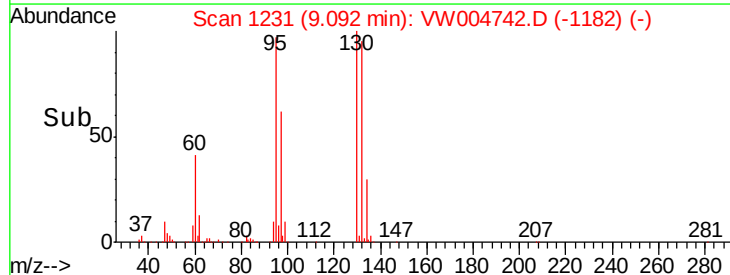
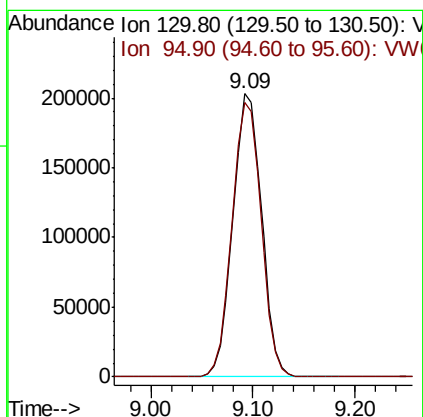
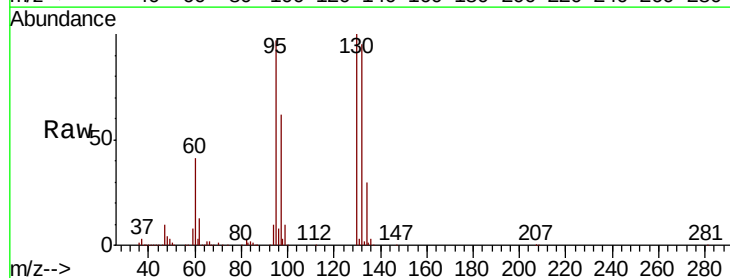
Instrument :
MSVOA_W
ClientSampleId :
ICVW081918

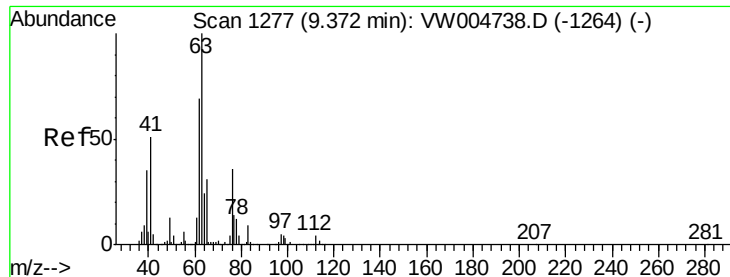
Tgt Ion: 43 Resp: 430432
Ion Ratio Lower Upper
43 100
61 32.0 26.2 39.4
87 13.9 10.9 16.3



#44
Trichloroethene
Concen: 48.762 ug/l
RT: 9.09 min Scan# 1231
Delta R.T. -0.00 min
Lab File: VW004742.D
Acq: 17 Aug 2018 19:21

Tgt Ion: 130 Resp: 396062
Ion Ratio Lower Upper
130 100
95 97.1 0.0 194.4

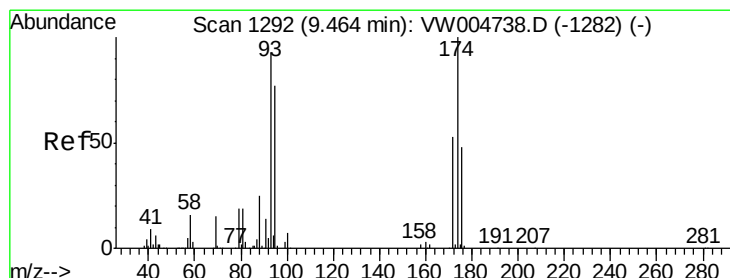
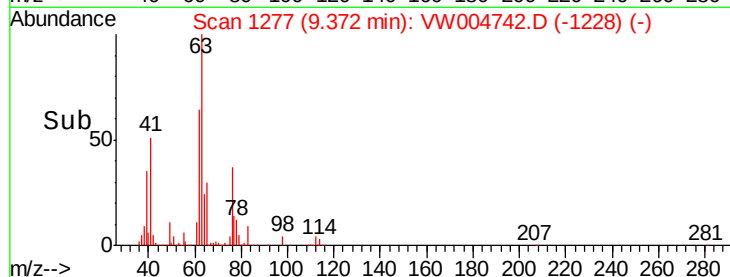
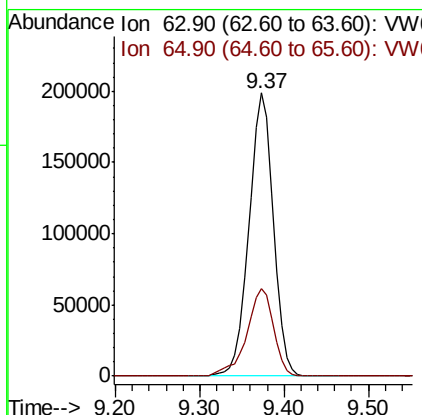
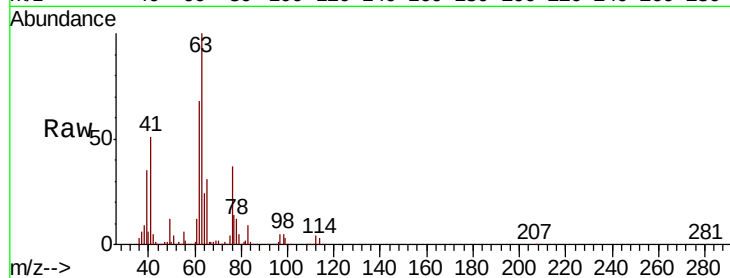




#45
 1,2-Dichloropropane
 Concen: 49.907 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VW004742.D
 Acq: 17 Aug 2018 19:21

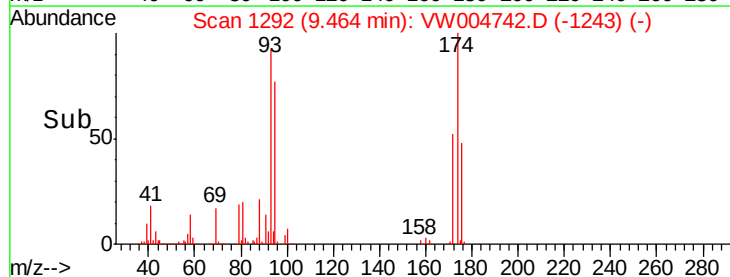
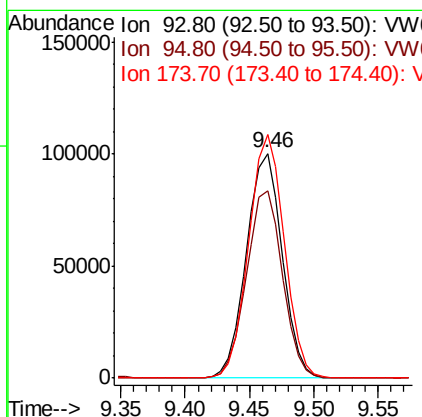
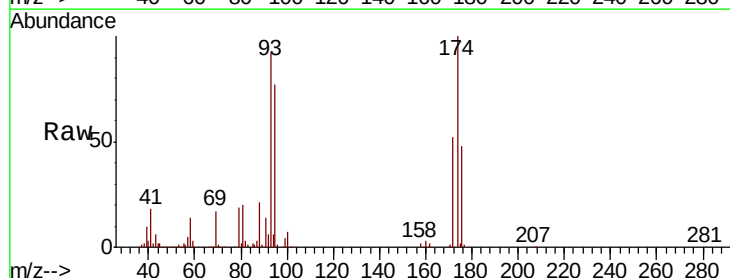
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW081918

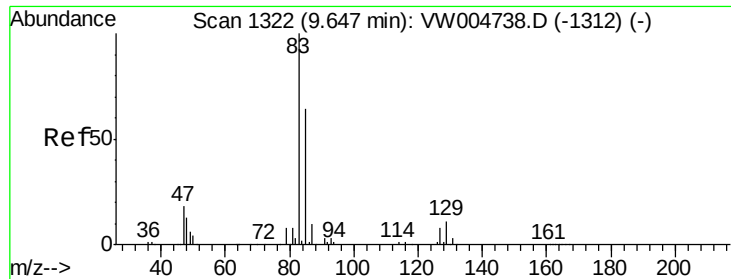
Tgt Ion: 63 Resp: 390613
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.6 37.0



#46
 Dibromomethane
 Concen: 49.626 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. -0.00 min
 Lab File: VW004742.D
 Acq: 17 Aug 2018 19:21

Tgt Ion: 93 Resp: 192426
 Ion Ratio Lower Upper
 93 100
 95 84.0 66.6 99.8
 174 107.9 85.3 127.9





#47

Bromodichloromethane

Concen: 50.337 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VW004742.D

Acq: 17 Aug 2018 19:21

Instrument :

MSVOA_W

ClientSampleId :

ICVW081918

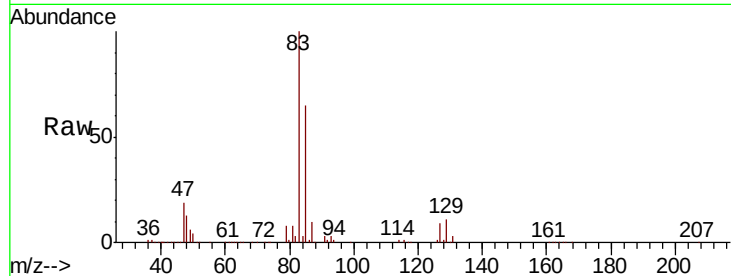
Tgt Ion: 83 Resp: 466144

Ion Ratio Lower Upper

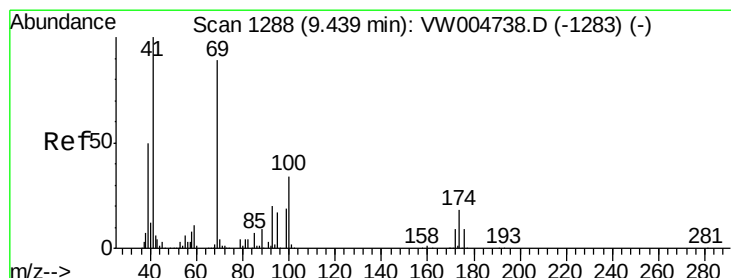
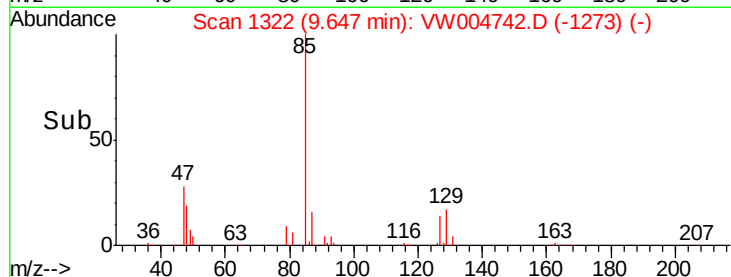
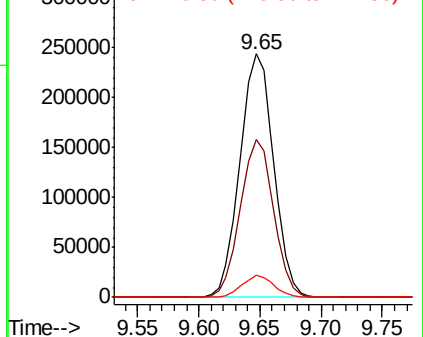
83 100

85 64.7 51.2 76.8

127 9.0 6.7 10.1



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: 55.560 ug/l

RT: 9.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VW004742.D

Acq: 17 Aug 2018 19:21

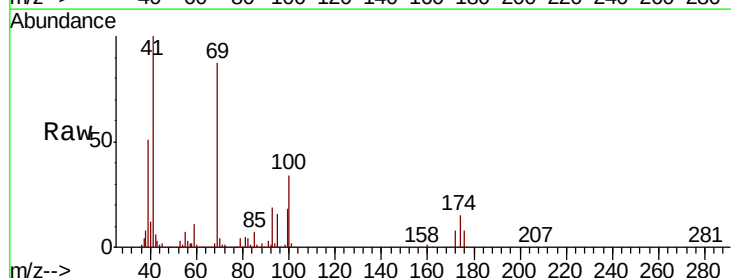
Tgt Ion: 41 Resp: 205528

Ion Ratio Lower Upper

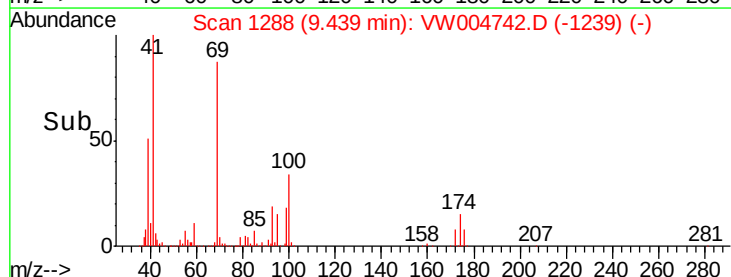
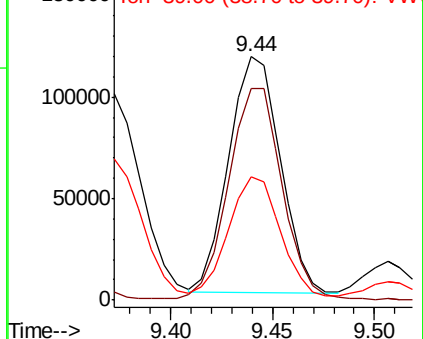
41 100

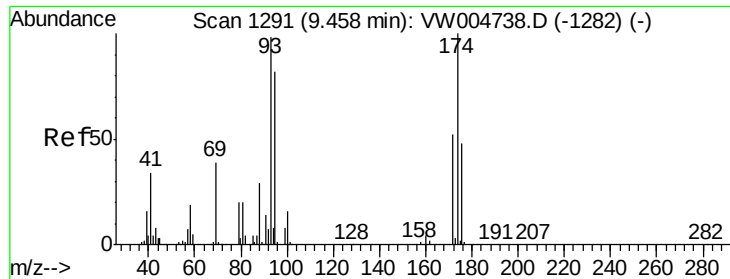
69 93.8 75.2 112.8

39 49.8 39.8 59.6



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: 1116.318 ug/l

RT: 9.48 min Scan# 1294

Delta R.T. 0.02 min

Lab File: VW004742.D

Acq: 17 Aug 2018 19:21

Instrument :

MSVOA_W

ClientSampleId :

ICVW081918

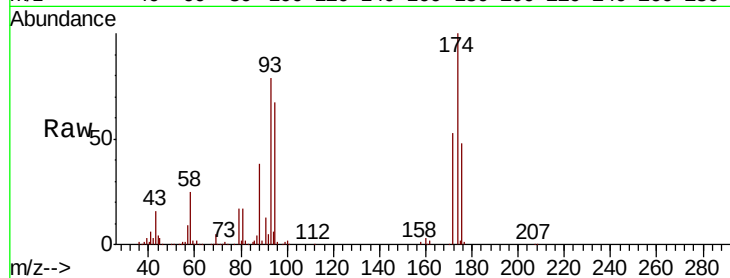
Tgt Ion: 88 Resp: 63240

Ion Ratio Lower Upper

88 100

43 0.0 22.9 34.3#

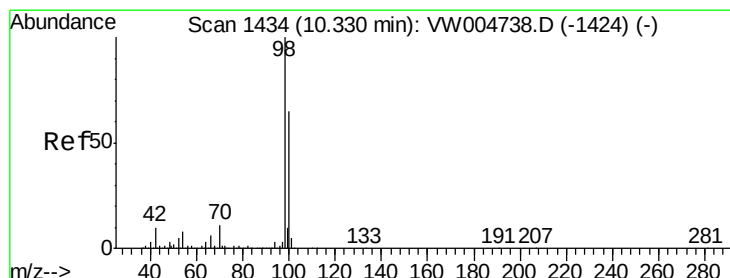
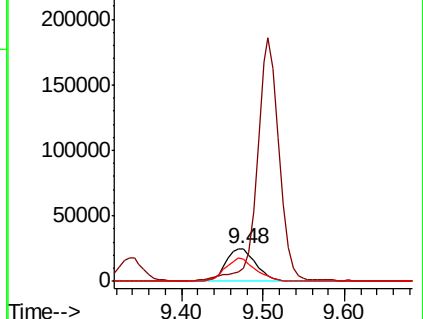
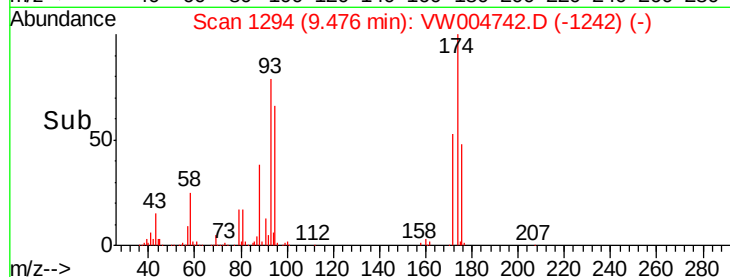
58 73.6 60.0 90.0



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 50.294 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW004742.D

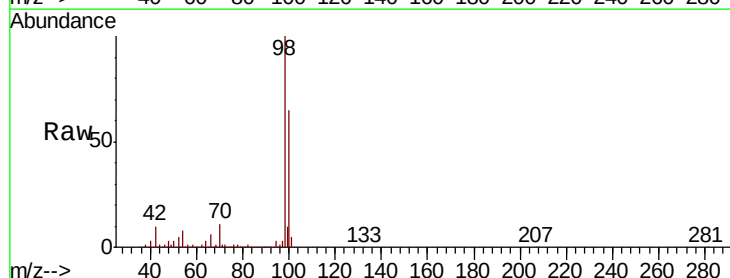
Acq: 17 Aug 2018 19:21

Tgt Ion: 98 Resp: 1341078

Ion Ratio Lower Upper

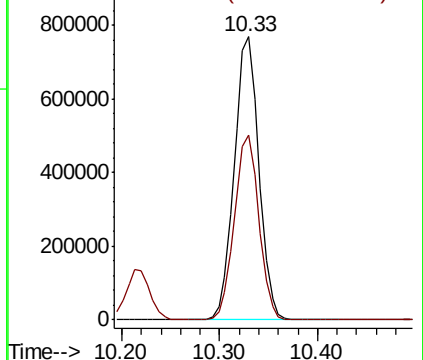
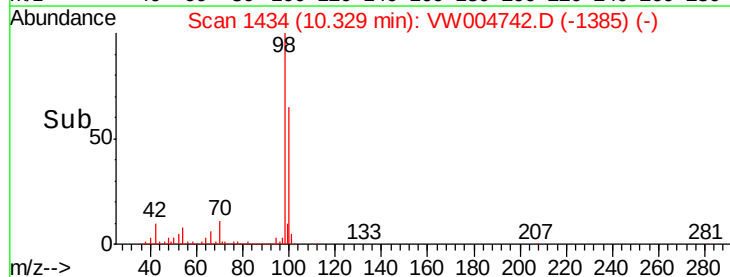
98 100

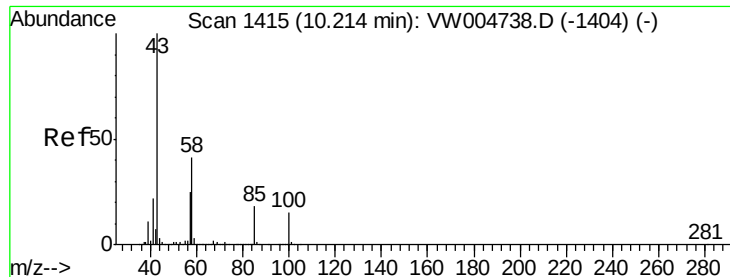
100 65.3 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

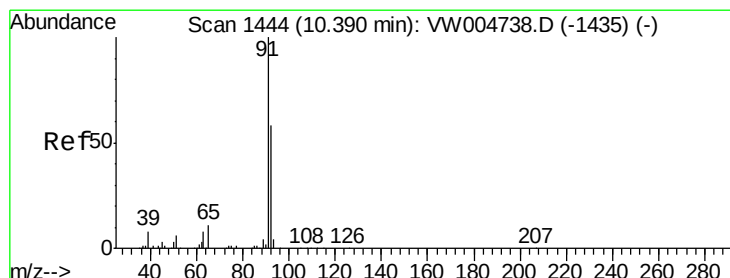
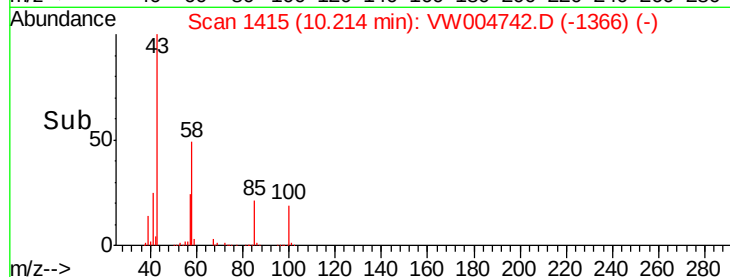
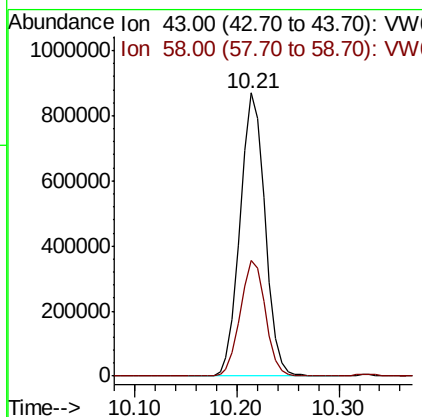
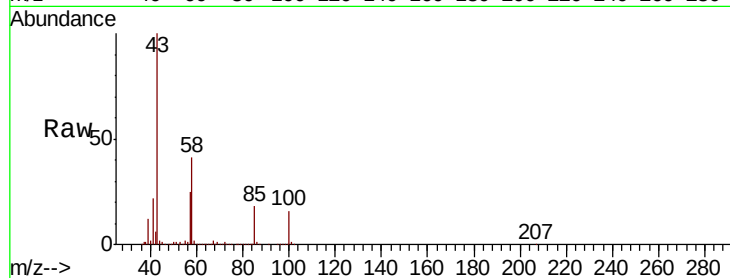




#51
 4-Methyl-2-Pentanone
 Concen: 277.082 ug/l
 RT: 10.21 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: VW004742.D
 Acq: 17 Aug 2018 19:21

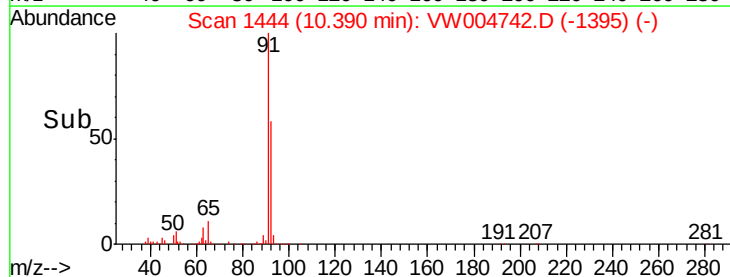
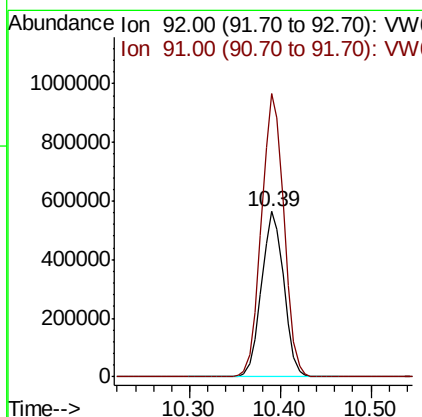
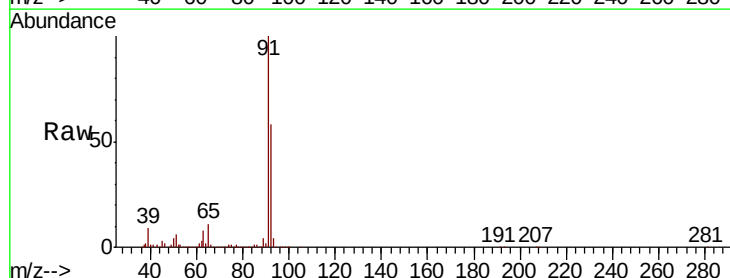
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW081918

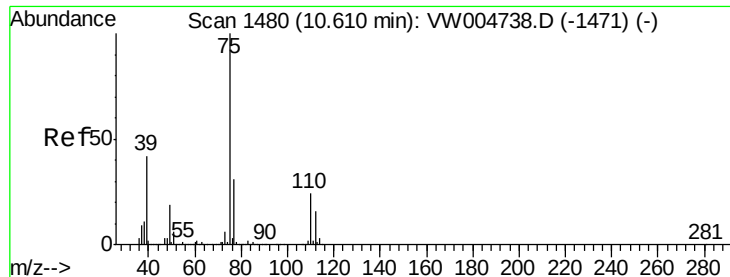
Tgt Ion: 43 Resp: 1476308
 Ion Ratio Lower Upper
 43 100
 58 41.1 32.7 49.1



#52
 Toluene
 Concen: 49.931 ug/l
 RT: 10.39 min Scan# 1444
 Delta R.T. -0.00 min
 Lab File: VW004742.D
 Acq: 17 Aug 2018 19:21

Tgt Ion: 92 Resp: 958196
 Ion Ratio Lower Upper
 92 100
 91 172.7 138.3 207.5





#53

t-1,3-Dichloropropene

Concen: 52.079 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW004742.D

Acq: 17 Aug 2018 19:21

Instrument :

MSVOA_W

ClientSampleId :

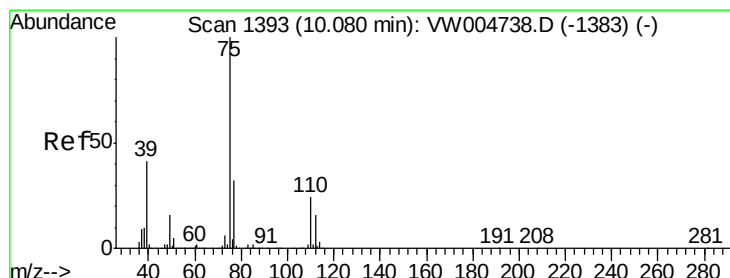
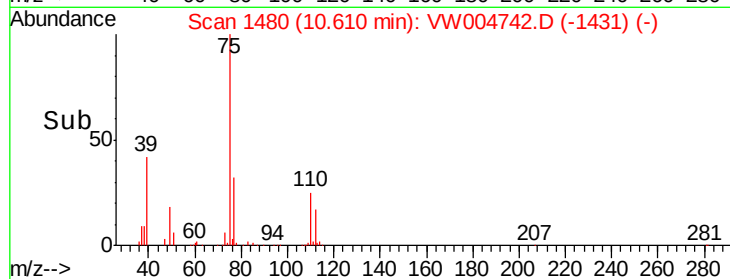
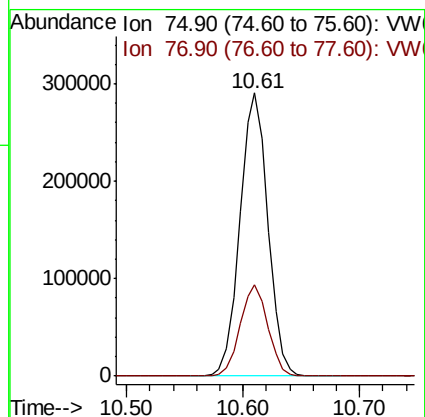
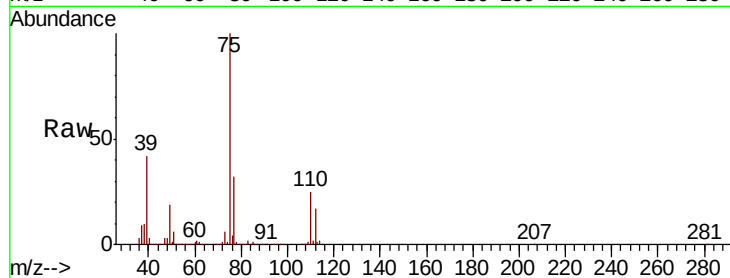
ICVW081918

Tgt Ion: 75 Resp: 485898

Ion Ratio Lower Upper

75 100

77 32.1 24.8 37.2



#54

cis-1,3-Dichloropropene

Concen: 51.610 ug/l

RT: 10.07 min Scan# 1392

Delta R.T. -0.01 min

Lab File: VW004742.D

Acq: 17 Aug 2018 19:21

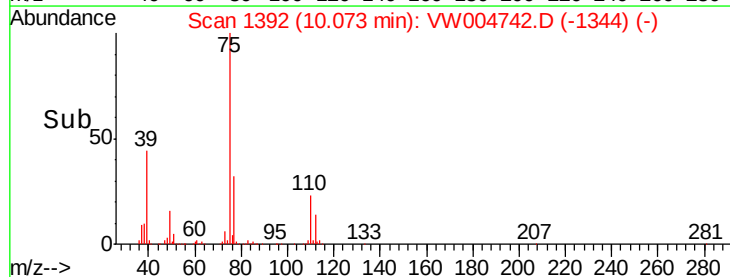
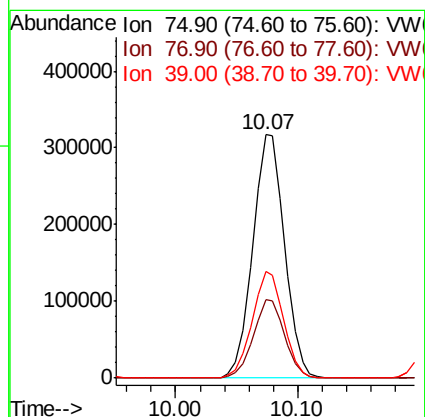
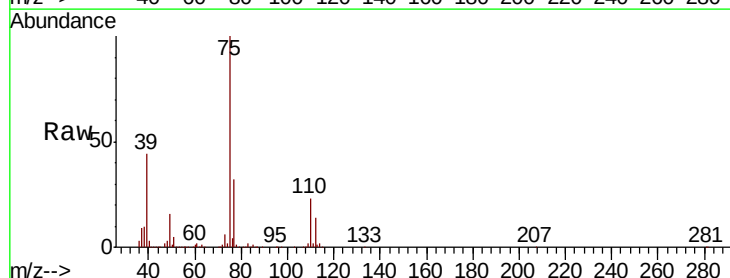
Tgt Ion: 75 Resp: 574051

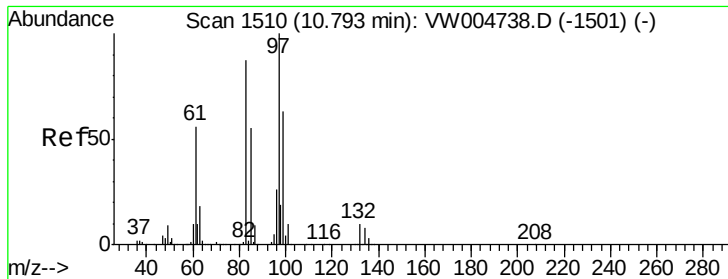
Ion Ratio Lower Upper

75 100

77 32.3 25.6 38.4

39 44.0 33.0 49.4

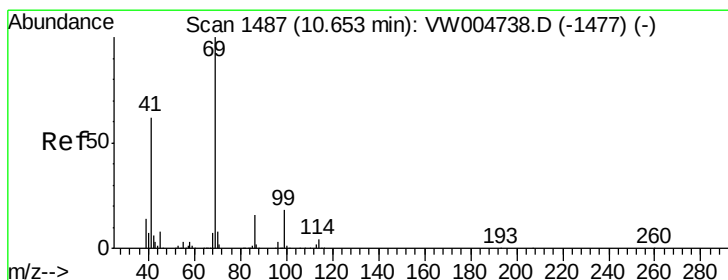
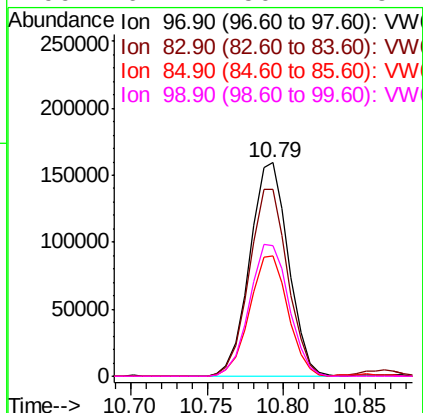
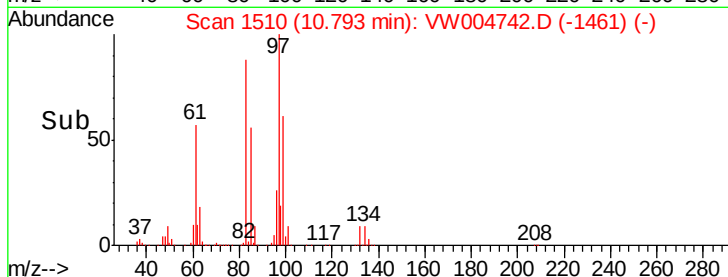
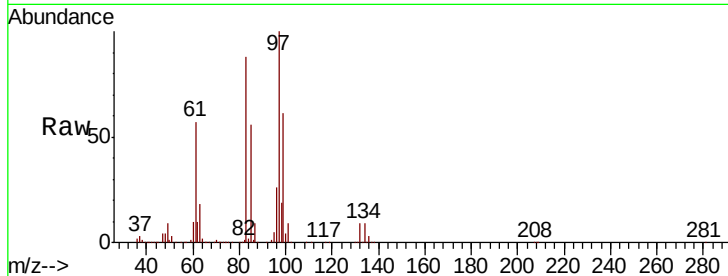




#55
 1,1,2-Trichloroethane
 Concen: 50.921 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VW004742.D
 Acq: 17 Aug 2018 19:21

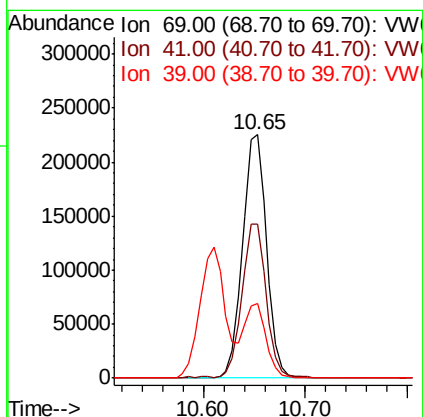
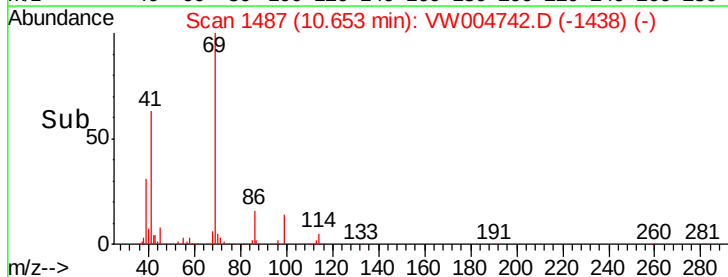
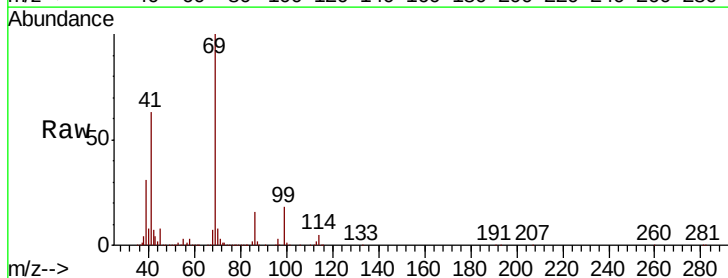
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW081918

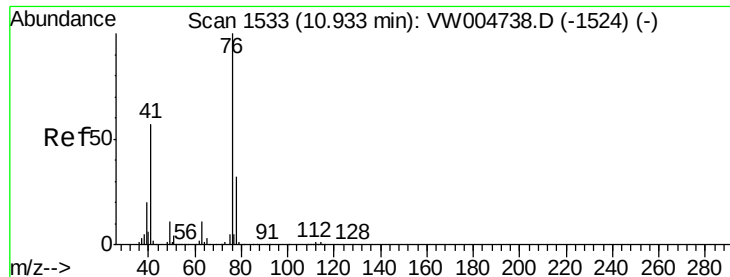
Tgt Ion:	97	Resp:	280665
Ion	Ratio	Lower	Upper
97	100		
83	87.5	69.4	104.2
85	56.1	44.3	66.5
99	61.2	50.2	75.2



#56
 Ethyl methacrylate
 Concen: 50.996 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW004742.D
 Acq: 17 Aug 2018 19:21

Tgt Ion:	69	Resp:	367661
Ion	Ratio	Lower	Upper
69	100		
41	63.0	50.7	76.1
39	26.7	21.4	32.2

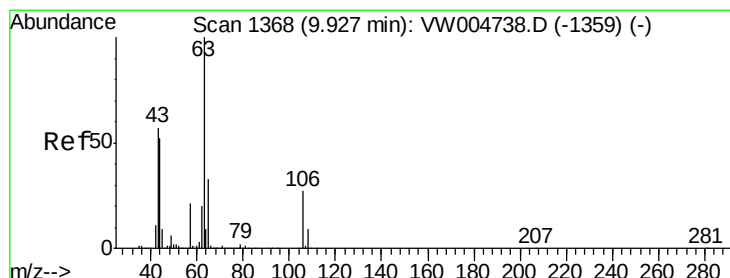
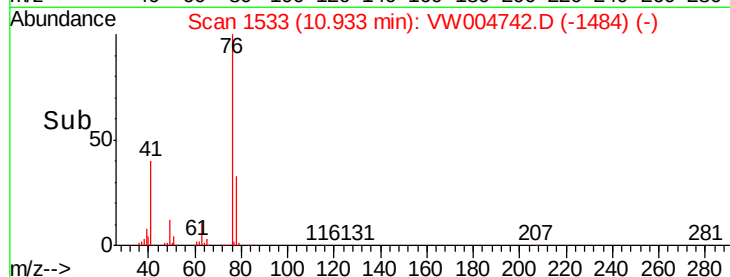
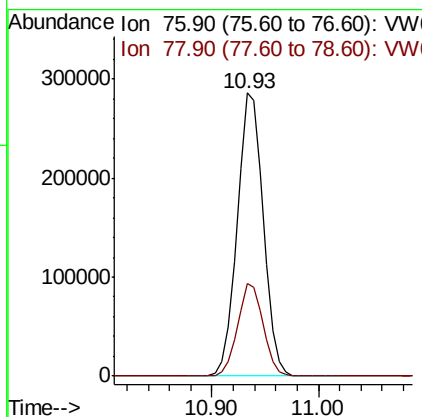
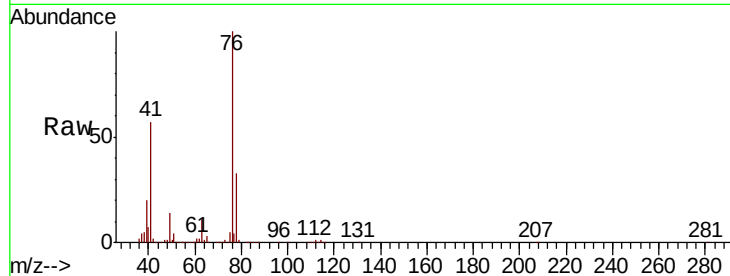




#57
 1,3-Dichloropropane
 Concen: 51.668 ug/l
 RT: 10.93 min Scan# 1533
 Delta R.T. -0.00 min
 Lab File: VW004742.D
 Acq: 17 Aug 2018 19:21

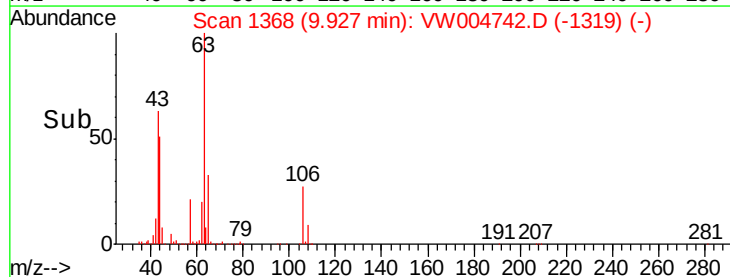
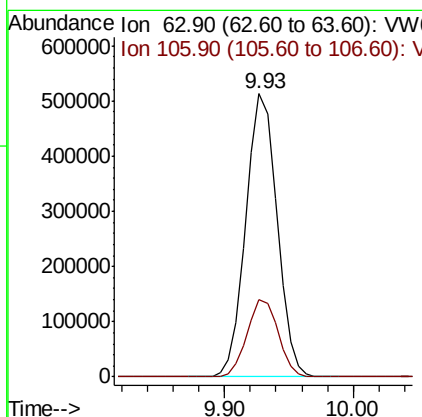
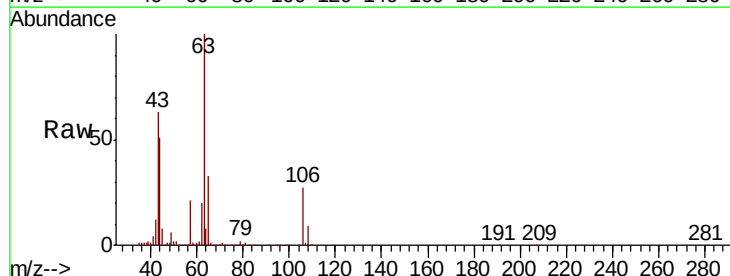
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW081918

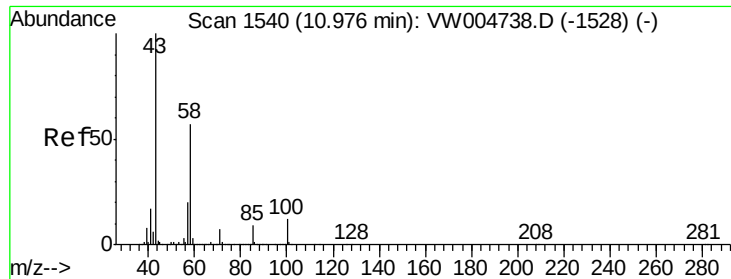
Tgt Ion: 76 Resp: 491587
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 281.837 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. -0.00 min
 Lab File: VW004742.D
 Acq: 17 Aug 2018 19:21

Tgt Ion: 63 Resp: 857897
 Ion Ratio Lower Upper
 63 100
 106 27.3 22.1 33.1

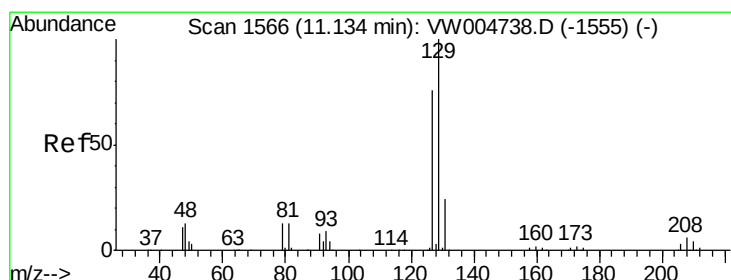
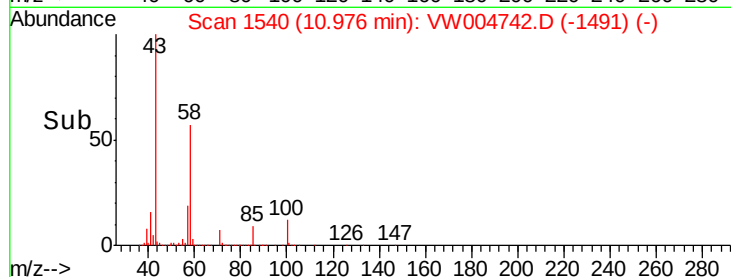
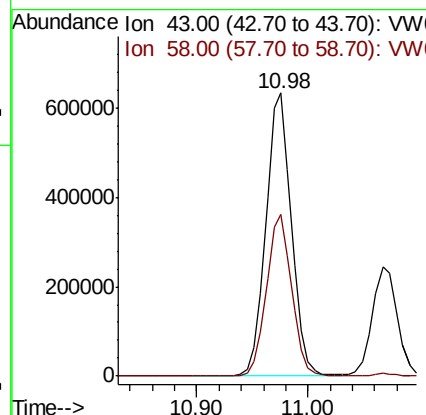
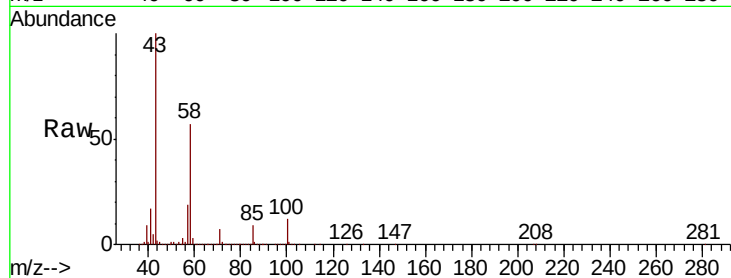




#59
2-Hexanone
Concen: 280.452 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW004742.D
Acq: 17 Aug 2018 19:21

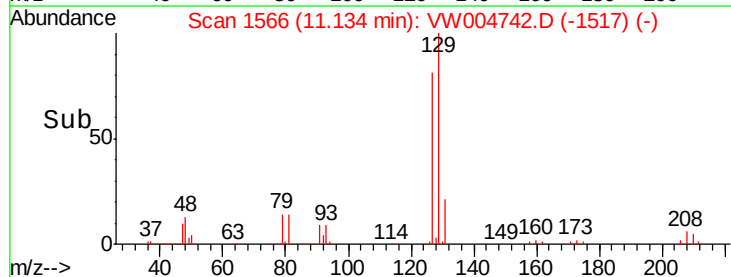
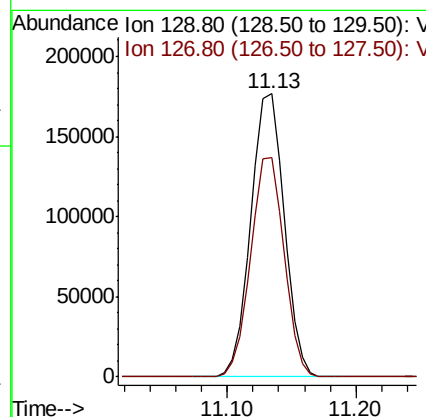
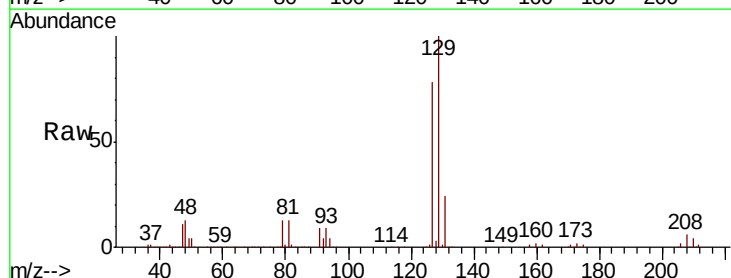
Instrument :
MSVOA_W
ClientSampleId :
ICVW081918

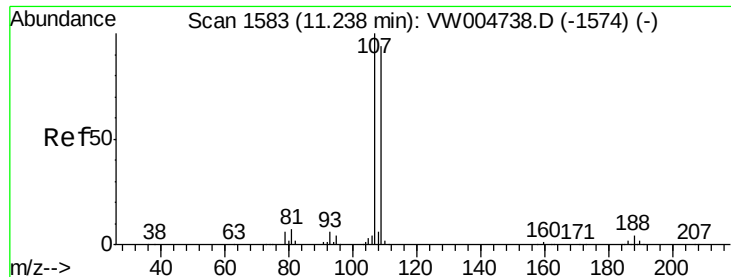
Tgt Ion: 43 Resp: 1012463
Ion Ratio Lower Upper
43 100
58 56.5 28.1 84.4



#60
Dibromochloromethane
Concen: 51.290 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VW004742.D
Acq: 17 Aug 2018 19:21

Tgt Ion: 129 Resp: 317172
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.5





#61

1,2-Dibromoethane

Concen: 51.123 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VW004742.D

Acq: 17 Aug 2018 19:21

Instrument :

MSVOA_W

ClientSampleId :

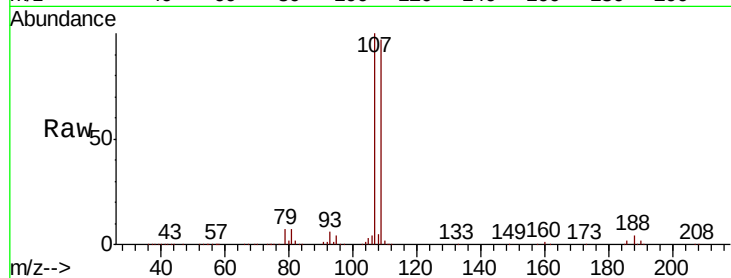
ICVW081918

Tgt Ion: 107 Resp: 269344

Ion Ratio Lower Upper

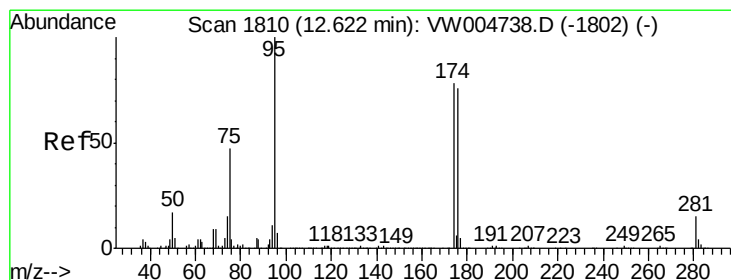
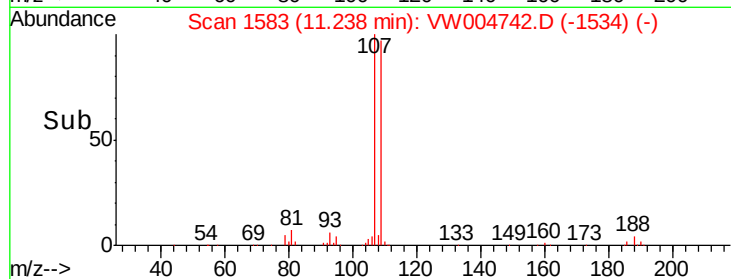
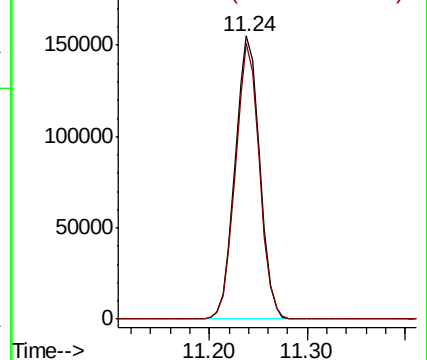
107 100

109 95.5 75.5 113.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.348 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW004742.D

Acq: 17 Aug 2018 19:21

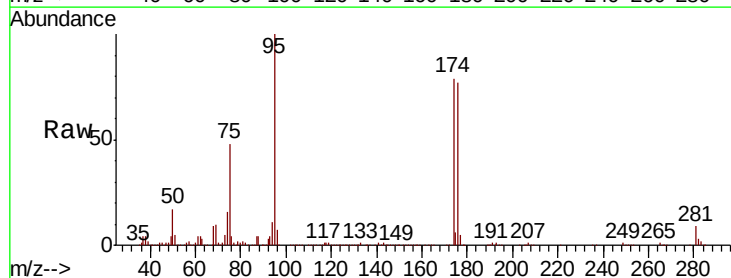
Tgt Ion: 95 Resp: 492576

Ion Ratio Lower Upper

95 100

174 81.6 0.0 165.8

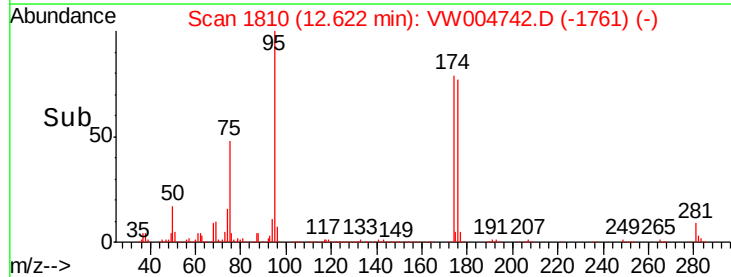
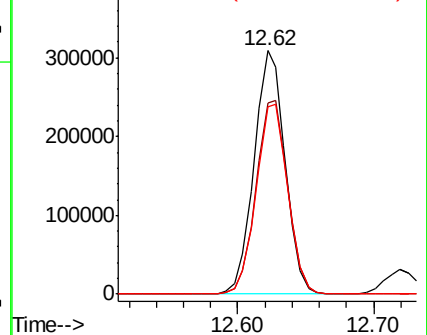
176 79.8 0.0 159.8

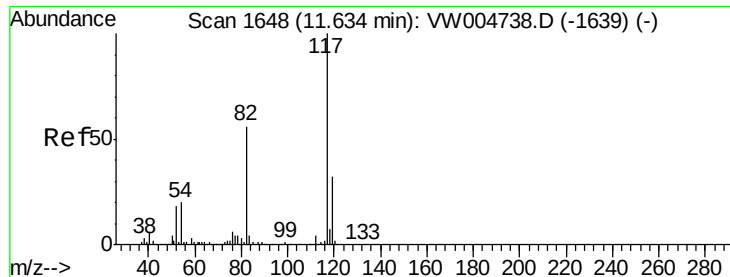


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

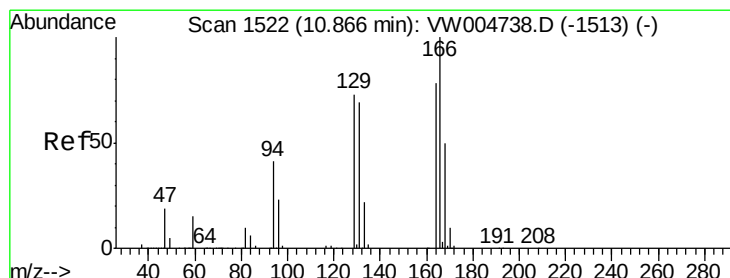
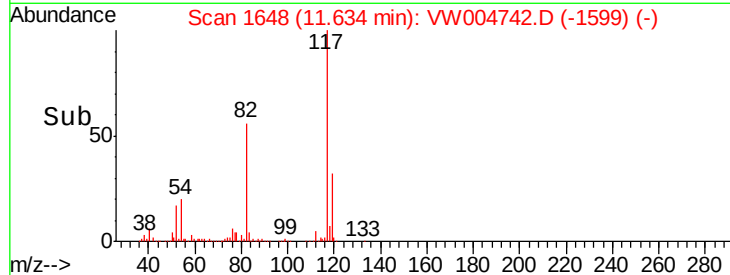
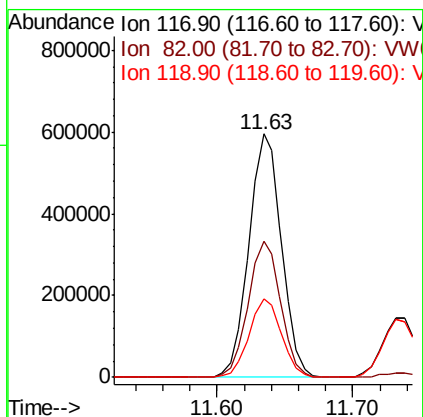
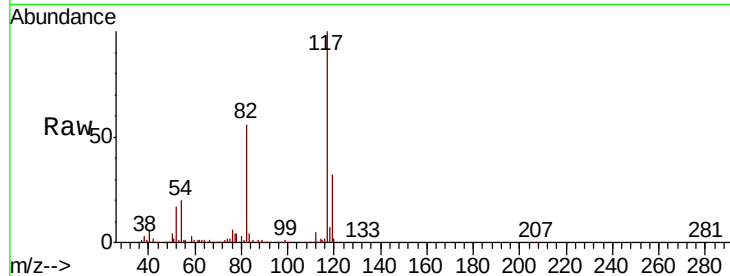




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004742.D
Acq: 17 Aug 2018 19:21

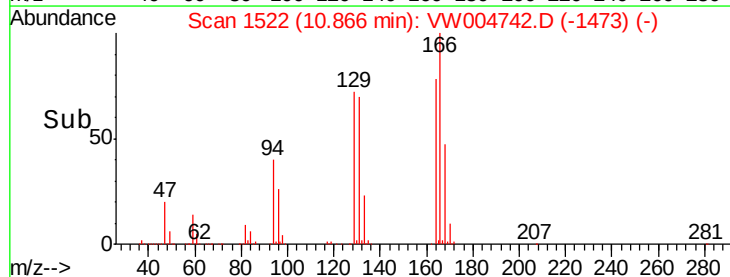
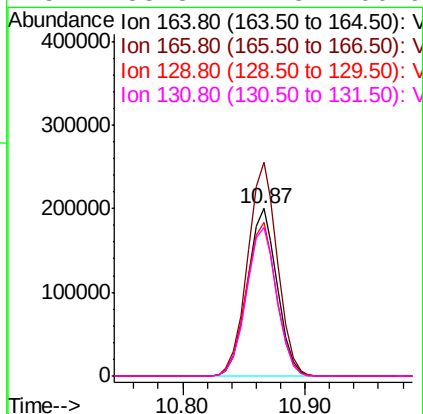
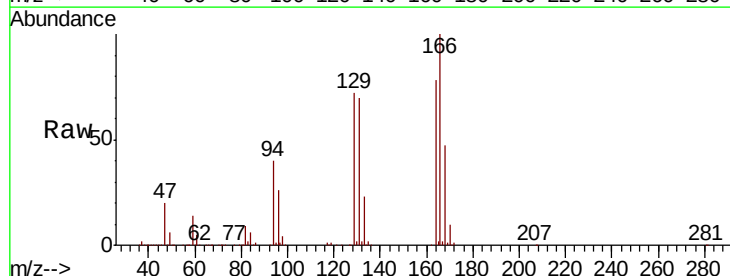
Instrument :
MSVOA_W
ClientSampleId :
ICVW081918

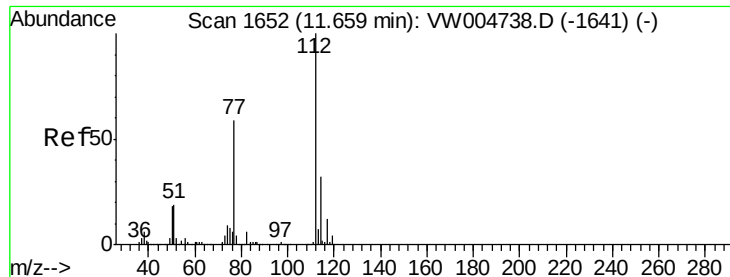
Tgt Ion:117 Resp: 998536
Ion Ratio Lower Upper
117 100
82 55.7 44.6 67.0
119 32.3 25.6 38.4



#64
Tetrachloroethene
Concen: 49.662 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW004742.D
Acq: 17 Aug 2018 19:21

Tgt Ion:164 Resp: 338904
Ion Ratio Lower Upper
164 100
166 127.8 102.5 153.7
129 91.6 75.1 112.7
131 88.8 71.3 106.9





#65

Chlorobenzene

Concen: 49.333 ug/l

RT: 11.66 min Scan# 1652

Delta R.T. -0.00 min

Lab File: VW004742.D

Acq: 17 Aug 2018 19:21

Instrument :

MSVOA_W

ClientSampleId :

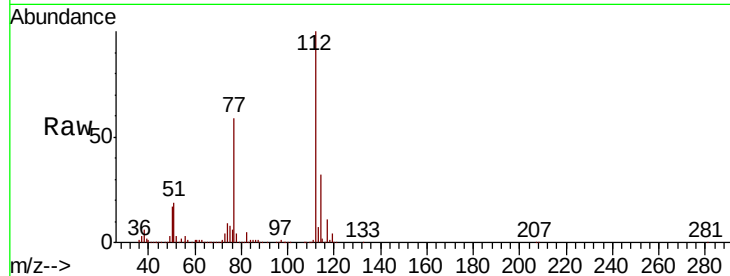
ICVW081918

Tgt Ion:112 Resp: 1060239

Ion Ratio Lower Upper

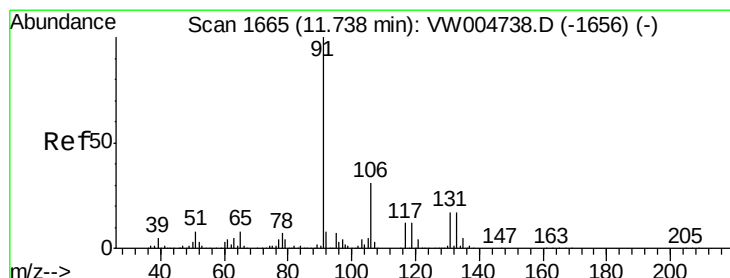
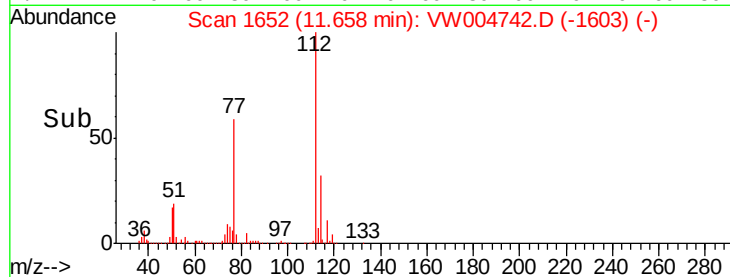
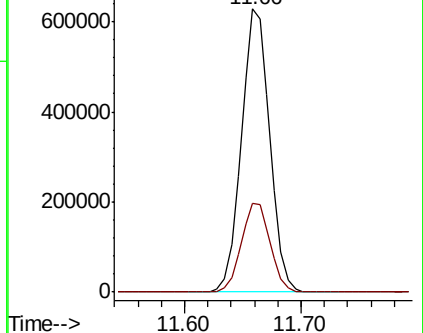
112 100

114 31.5 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 49.568 ug/l

RT: 11.73 min Scan# 1664

Delta R.T. -0.01 min

Lab File: VW004742.D

Acq: 17 Aug 2018 19:21

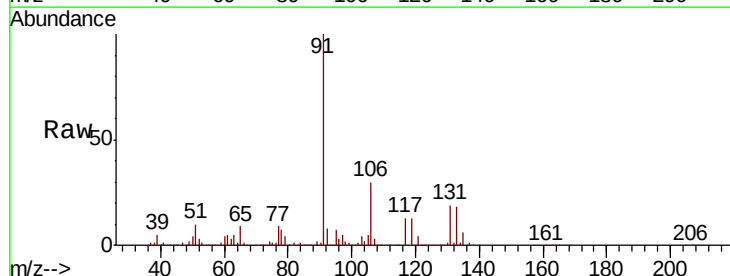
Tgt Ion:131 Resp: 359698

Ion Ratio Lower Upper

131 100

133 96.5 48.2 144.6

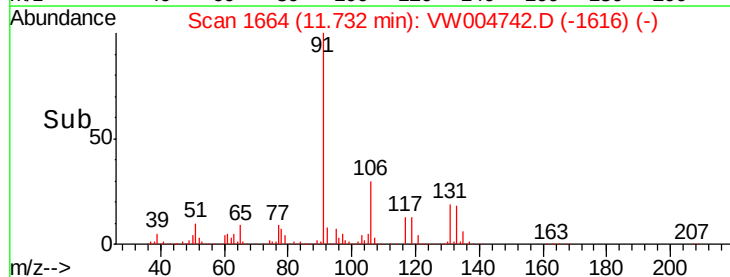
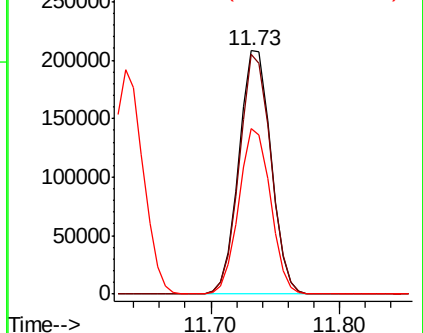
119 67.2 34.0 102.0

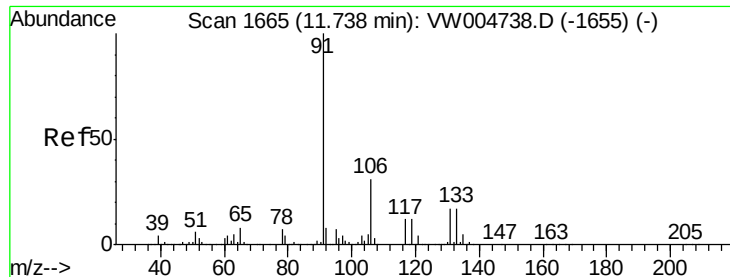


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

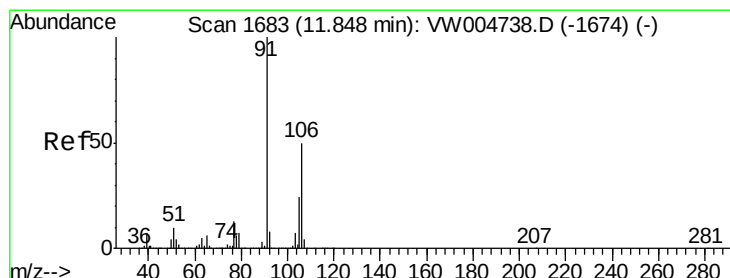
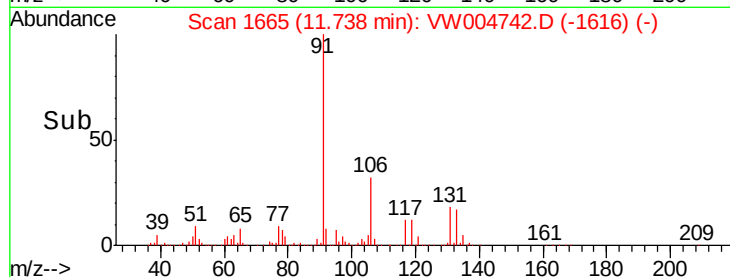
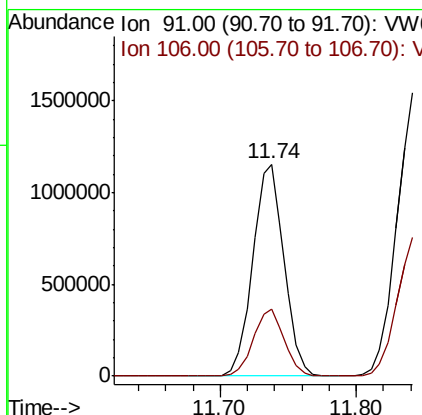
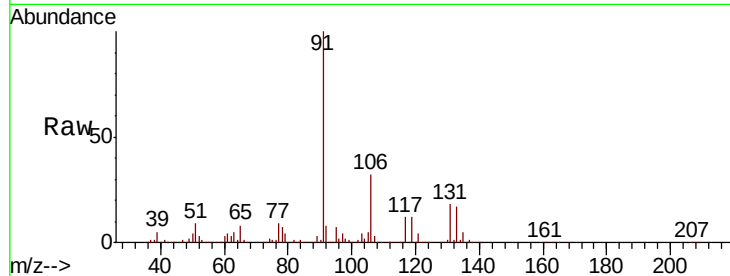




#67
Ethyl Benzene
Concen: 50.899 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW004742.D
Acq: 17 Aug 2018 19:21

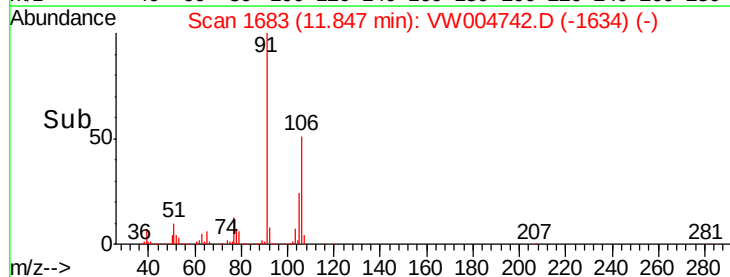
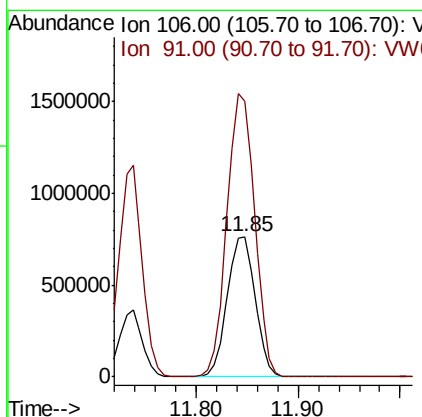
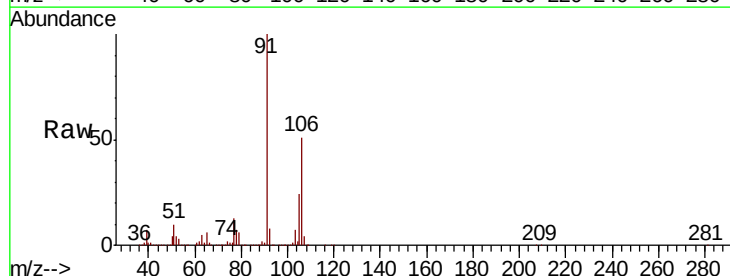
Instrument :
MSVOA_W
ClientSampleId :
ICVW081918

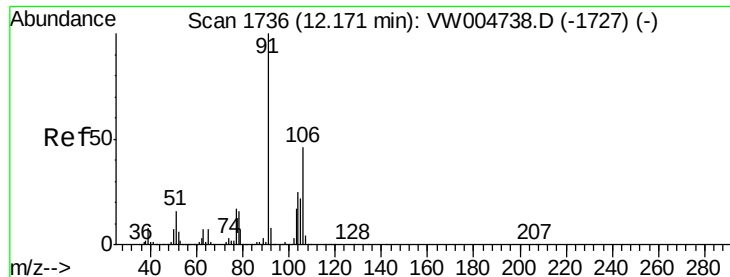
Tgt Ion: 91 Resp: 1854484
Ion Ratio Lower Upper
91 100
106 31.6 24.9 37.3



#68
m/p-Xylenes
Concen: 102.137 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW004742.D
Acq: 17 Aug 2018 19:21

Tgt Ion: 106 Resp: 1447796
Ion Ratio Lower Upper
106 100
91 200.8 159.9 239.9

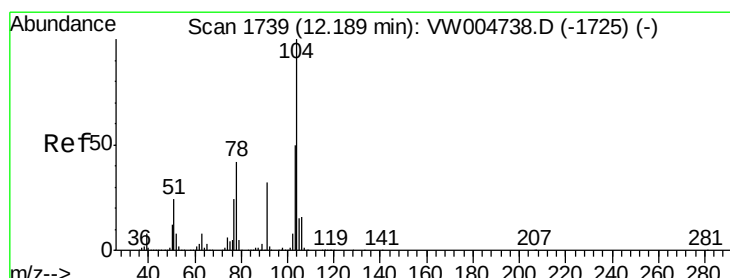
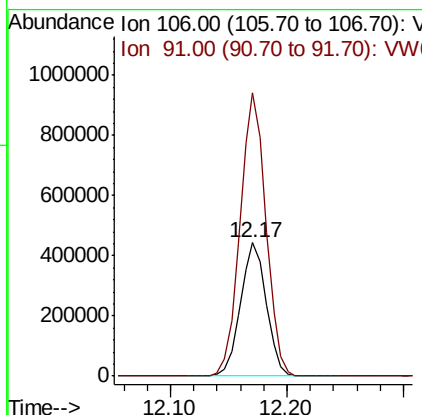
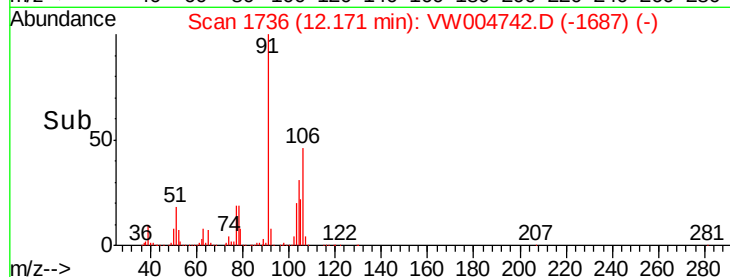
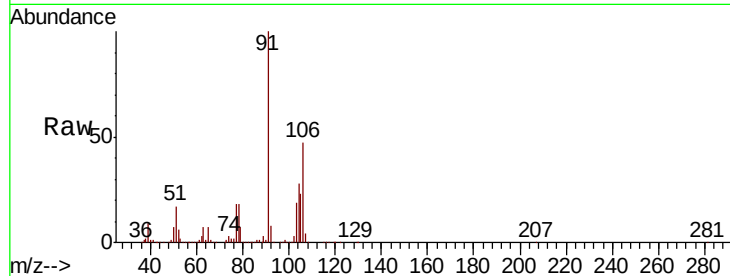




#69
o-Xylene
Concen: 52.201 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW004742.D
Acq: 17 Aug 2018 19:21

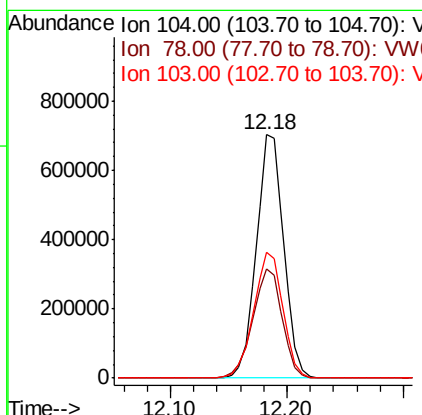
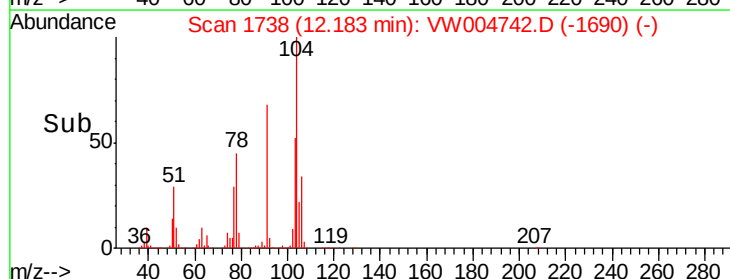
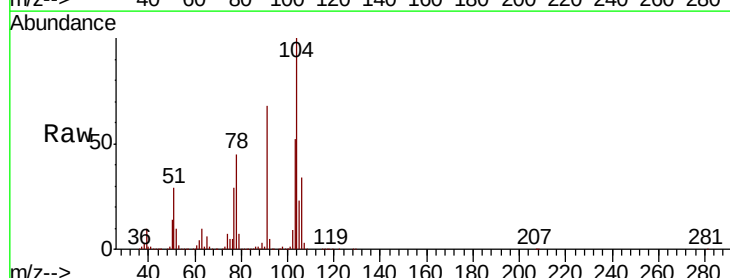
Instrument :
MSVOA_W
ClientSampleId :
ICVW081918

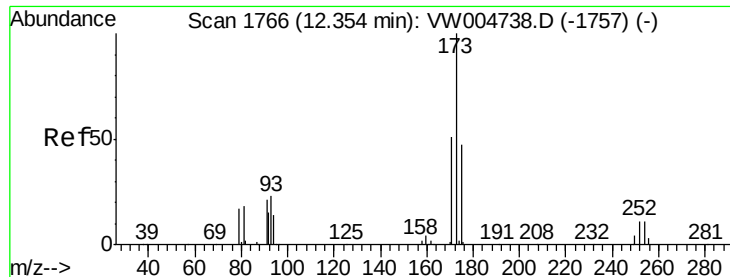
Tgt Ion:106 Resp: 685001
Ion Ratio Lower Upper
106 100
91 212.5 107.3 321.8



#70
Styrene
Concen: 52.329 ug/l
RT: 12.18 min Scan# 1738
Delta R.T. -0.01 min
Lab File: VW004742.D
Acq: 17 Aug 2018 19:21

Tgt Ion:104 Resp: 1153477
Ion Ratio Lower Upper
104 100
78 48.1 38.4 57.6
103 55.3 44.1 66.1





#71

Bromoform

Concen: 52.057 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. -0.00 min

Lab File: VW004742.D

Acq: 17 Aug 2018 19:21

Instrument :

MSVOA_W

ClientSampleId :

ICVW081918

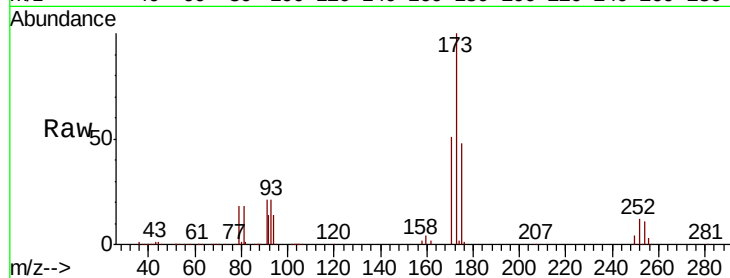
Tgt Ion:173 Resp: 199389

Ion Ratio Lower Upper

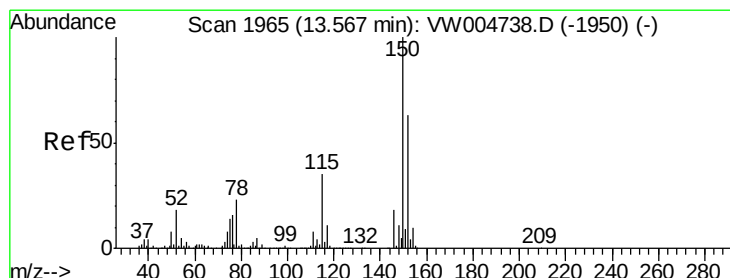
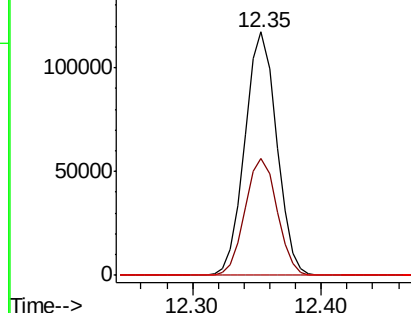
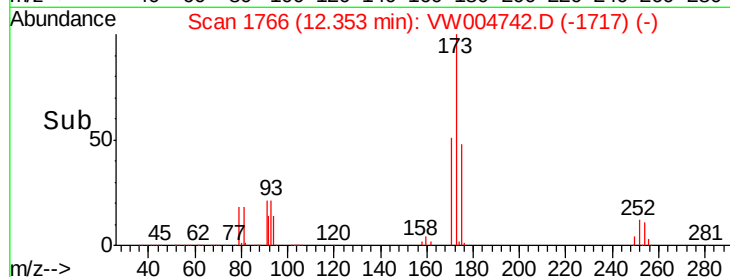
173 100

175 48.4 23.8 71.4

254 0.1 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VW004742.D

Acq: 17 Aug 2018 19:21

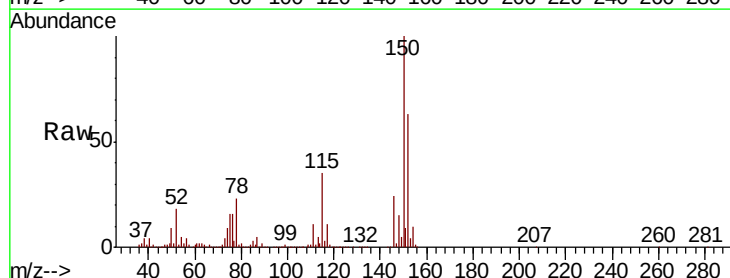
Tgt Ion:152 Resp: 534351

Ion Ratio Lower Upper

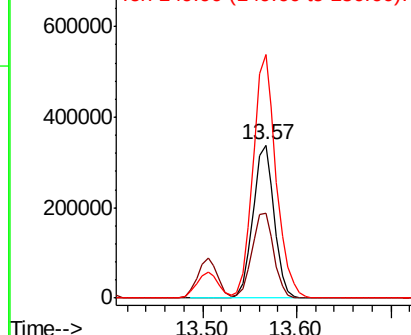
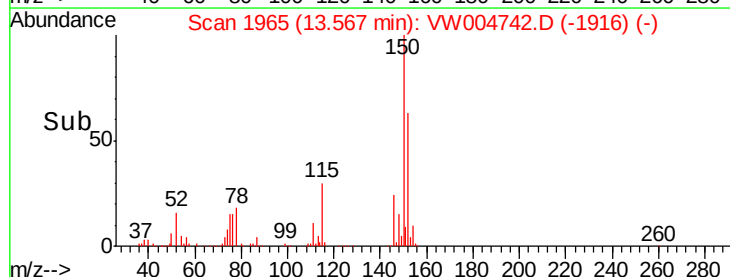
152 100

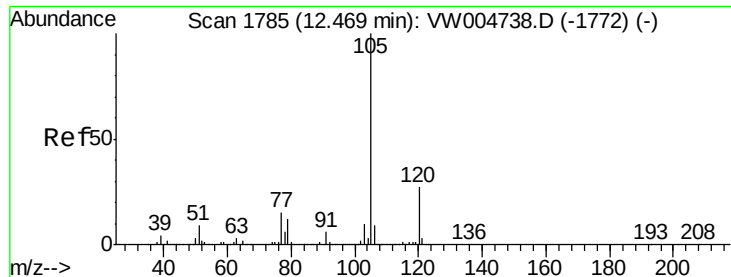
115 57.1 28.5 85.5

150 172.9 0.0 344.8



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





#73

Isopropylbenzene

Concen: 51.782 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VW004742.D

Acq: 17 Aug 2018 19:21

Instrument :

MSVOA_W

ClientSampleId :

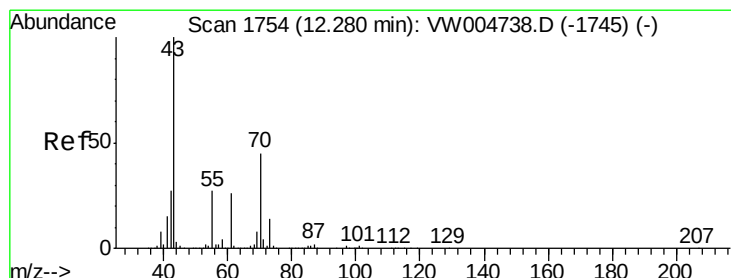
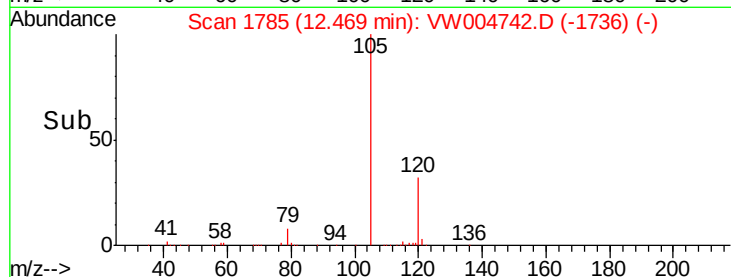
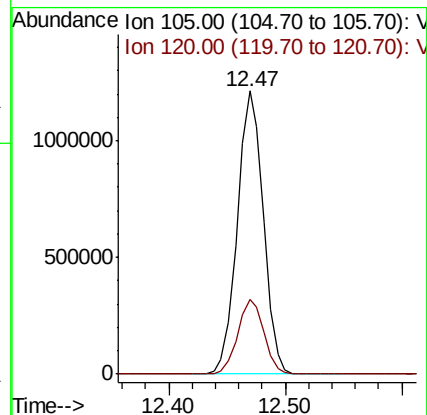
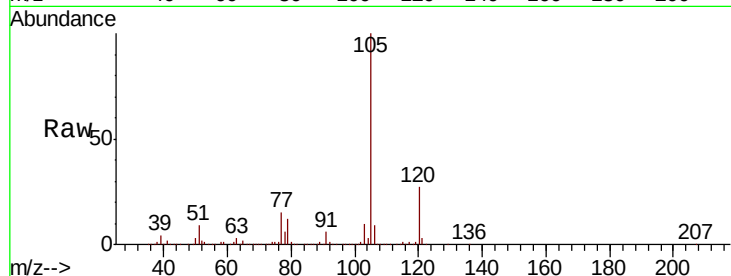
ICVW081918

Tgt Ion:105 Resp: 1882396

Ion Ratio Lower Upper

105 100

120 26.4 13.3 39.9



#74

N-ethyl acetate

Concen: 49.888 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW004742.D

Acq: 17 Aug 2018 19:21

Tgt Ion: 43 Resp: 424671

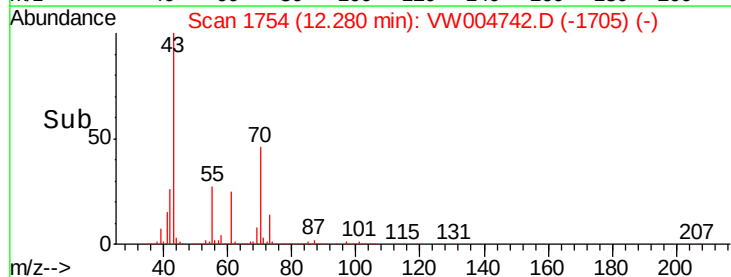
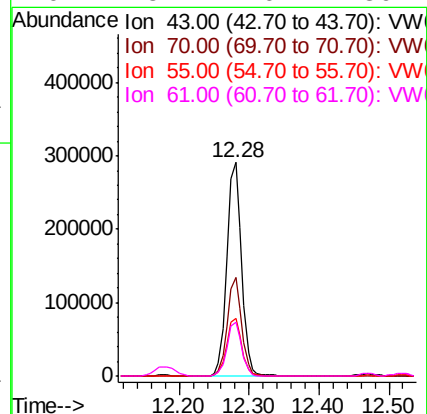
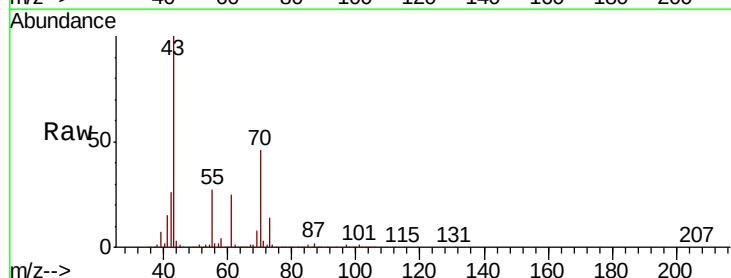
Ion Ratio Lower Upper

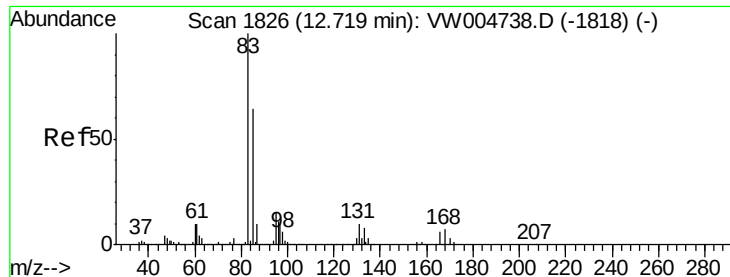
43 100

70 45.0 36.3 54.5

55 27.5 22.6 33.8

61 25.2 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 51.650 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VW004742.D

Acq: 17 Aug 2018 19:21

Instrument :

MSVOA_W

ClientSampled :

ICVW081918

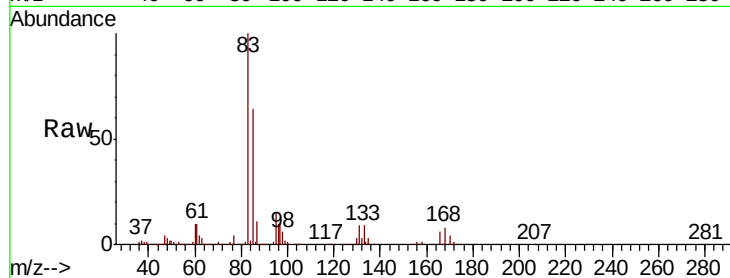
Tgt Ion: 83 Resp: 347820

Ion Ratio Lower Upper

83 100

131 10.4 5.3 15.8

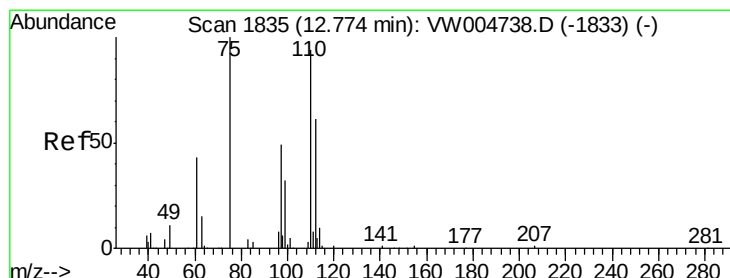
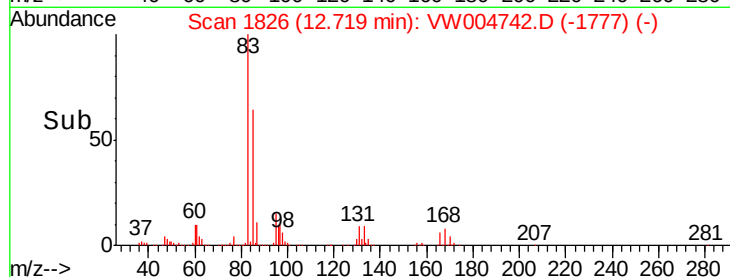
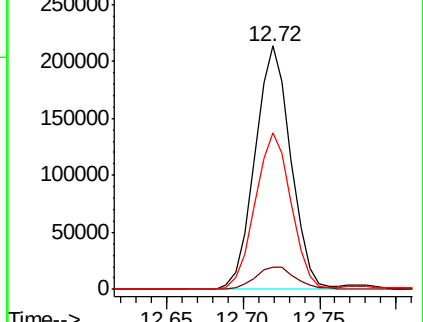
85 64.4 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 94.920 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VW004742.D

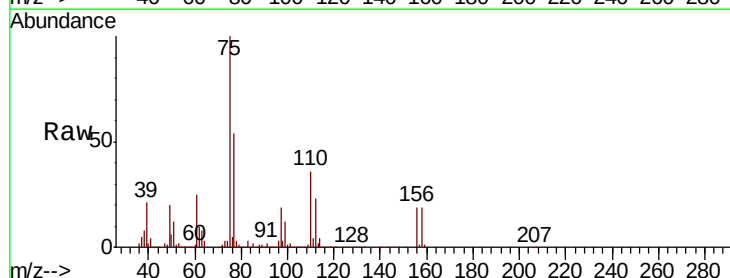
Acq: 17 Aug 2018 19:21

Tgt Ion: 75 Resp: 447114

Ion Ratio Lower Upper

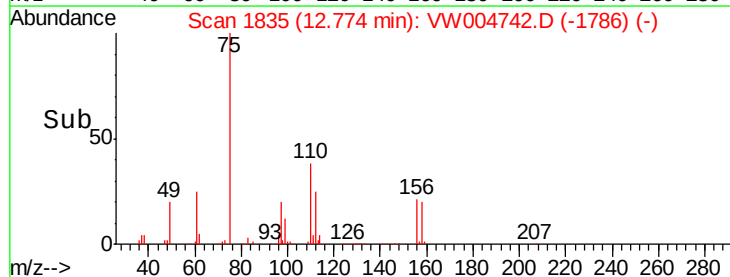
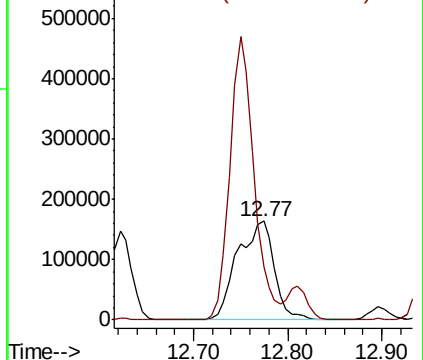
75 100

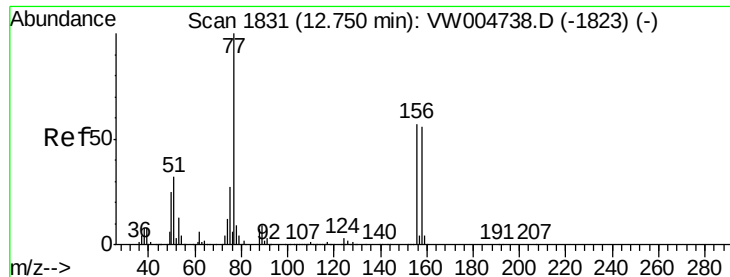
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

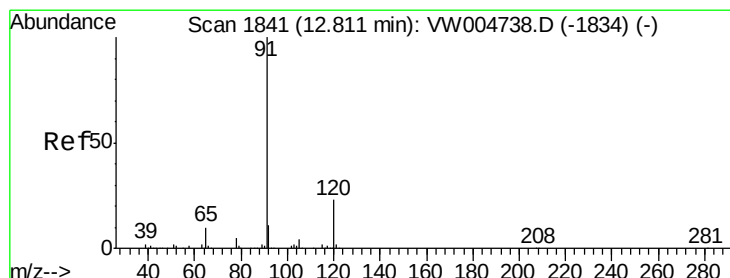
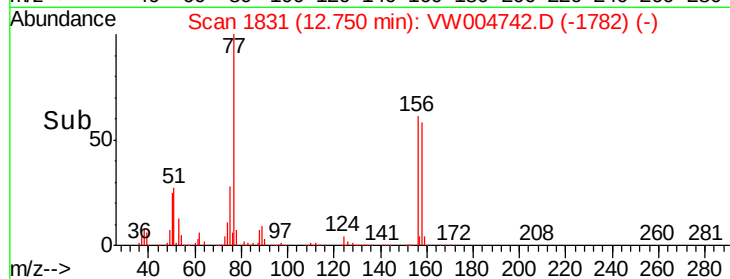
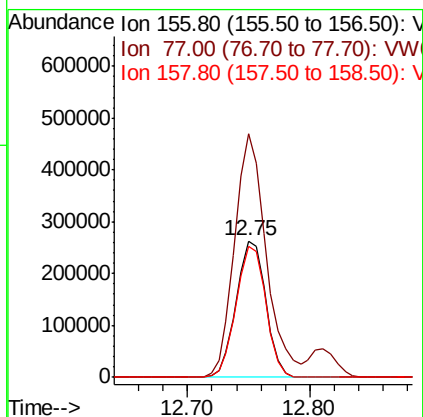
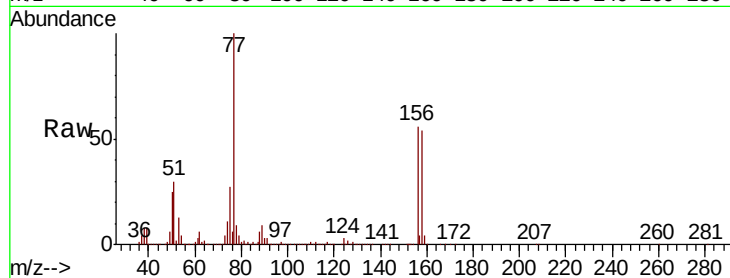




#77
Bromobenzene
Concen: 49.794 ug/l
RT: 12.75 min Scan# 1831
Delta R.T. -0.00 min
Lab File: VW004742.D
Acq: 17 Aug 2018 19:21

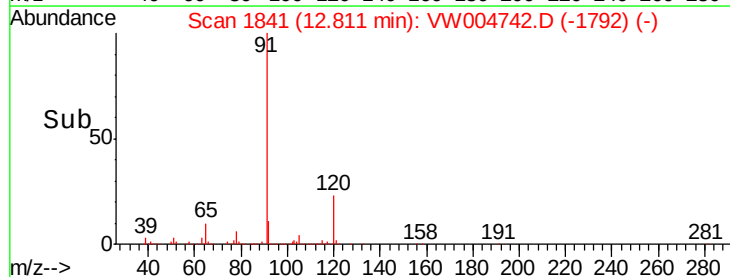
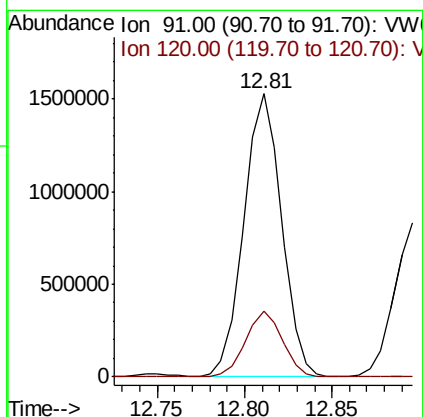
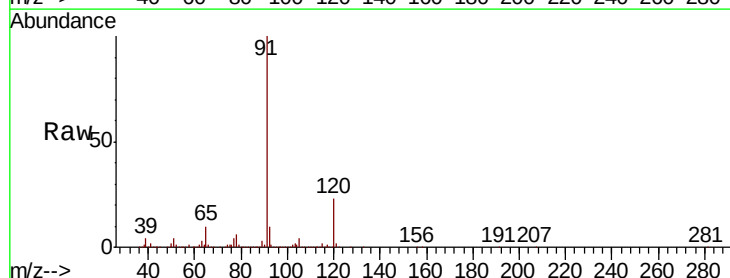
Instrument :
MSVOA_W
ClientSampleId :
ICVW081918

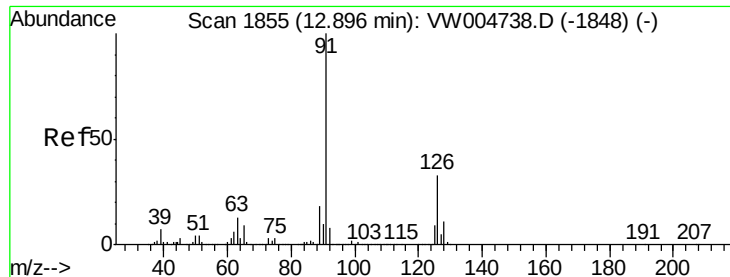
Tgt Ion:156 Resp: 438141
Ion Ratio Lower Upper
156 100
77 191.5 94.2 282.4
158 96.9 48.6 145.9



#78
n-propylbenzene
Concen: 51.755 ug/l
RT: 12.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VW004742.D
Acq: 17 Aug 2018 19:21

Tgt Ion: 91 Resp: 2295844
Ion Ratio Lower Upper
91 100
120 22.7 11.4 34.2





#79

2-Chlorotoluene

Concen: 50.879 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW004742.D

Acq: 17 Aug 2018 19:21

Instrument :

MSVOA_W

ClientSampleId :

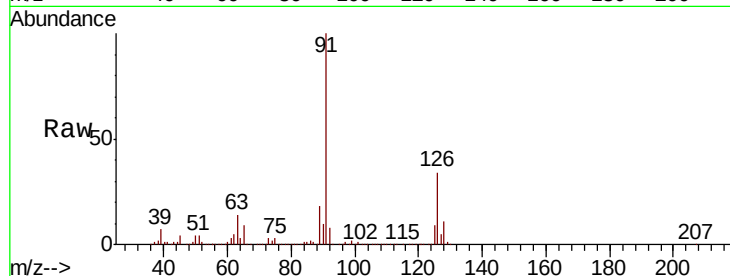
ICVW081918

Tgt Ion: 91 Resp: 1300949

Ion Ratio Lower Upper

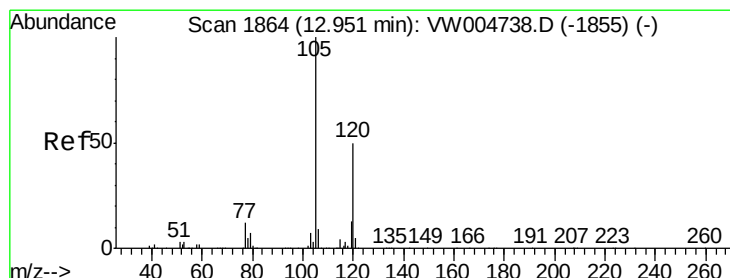
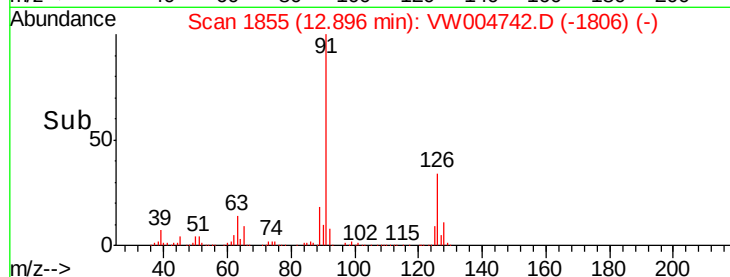
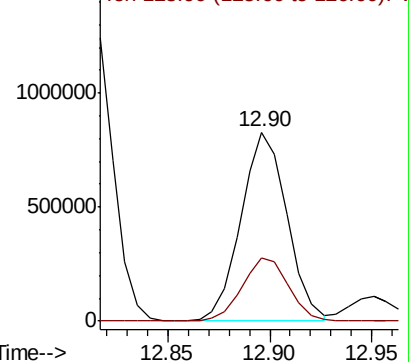
91 100

126 33.9 17.0 51.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 52.031 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VW004742.D

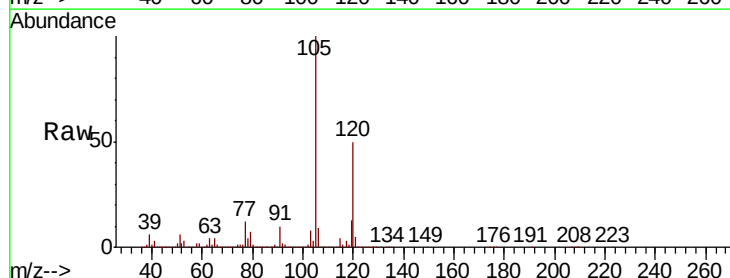
Acq: 17 Aug 2018 19:21

Tgt Ion: 105 Resp: 1606917

Ion Ratio Lower Upper

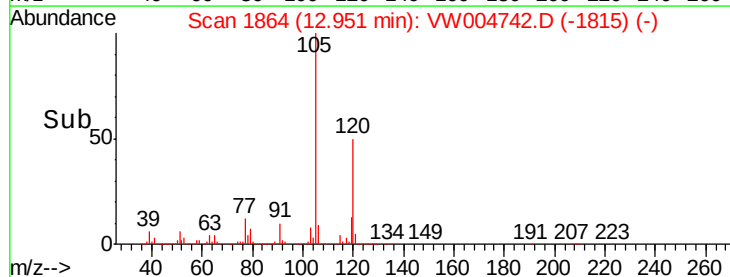
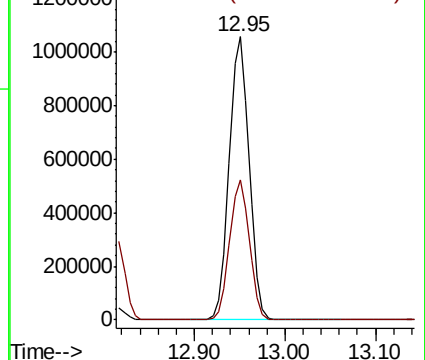
105 100

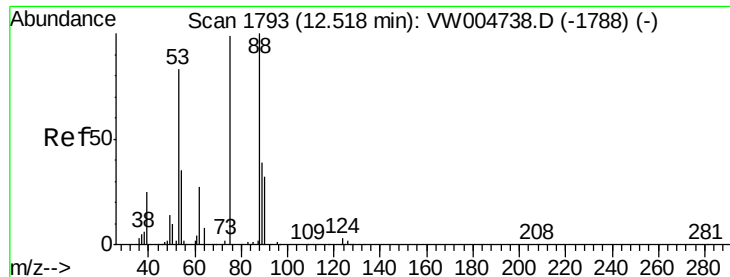
120 49.4 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 52.855 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VW004742.D

Acq: 17 Aug 2018 19:21

Instrument :

MSVOA_W

ClientSampleId :

ICVW081918

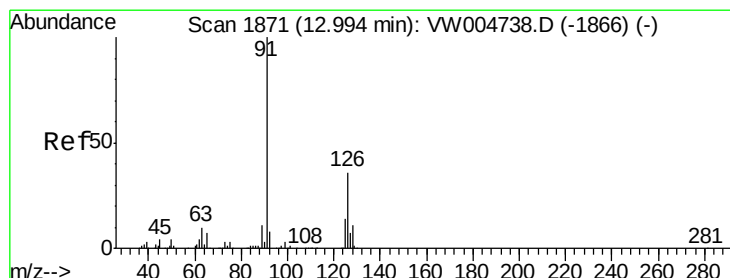
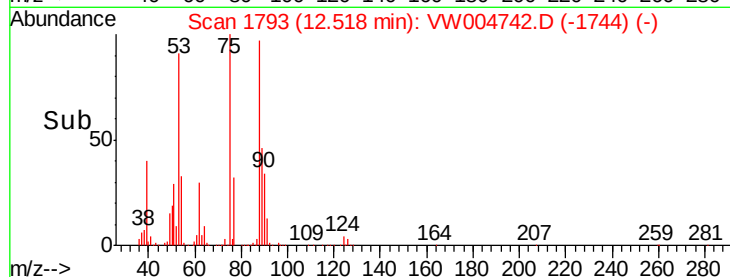
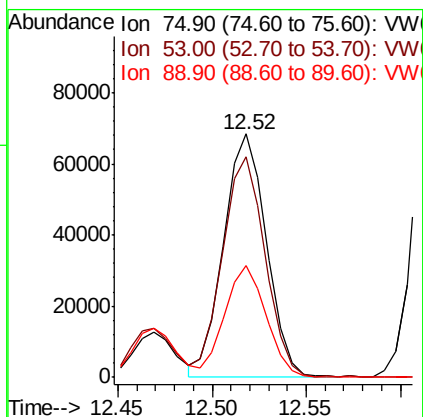
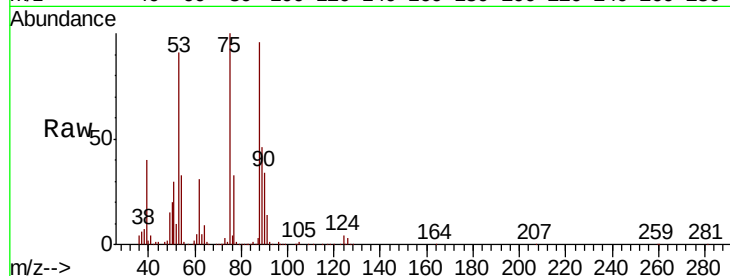
Tgt Ion: 75 Resp: 107118

Ion Ratio Lower Upper

75 100

53 91.0 72.2 108.4

89 44.3 35.2 52.8



#82

4-Chlorotoluene

Concen: 50.474 ug/l

RT: 12.99 min Scan# 1871

Delta R.T. -0.00 min

Lab File: VW004742.D

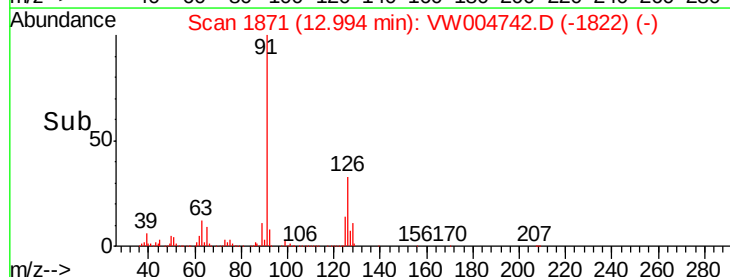
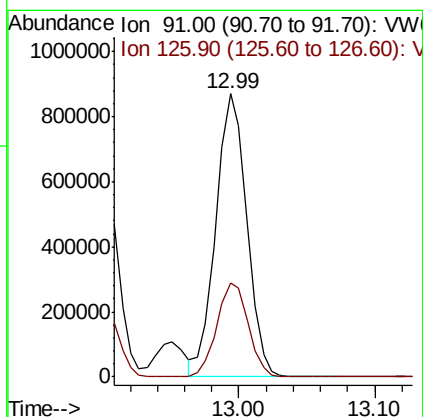
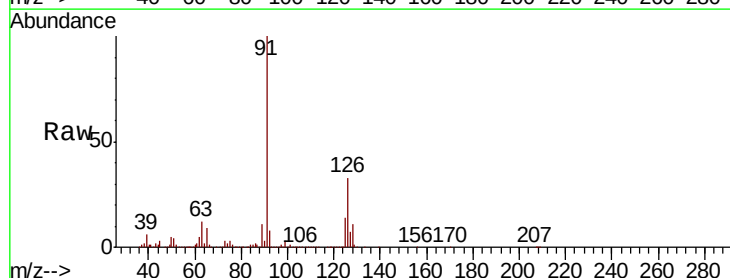
Acq: 17 Aug 2018 19:21

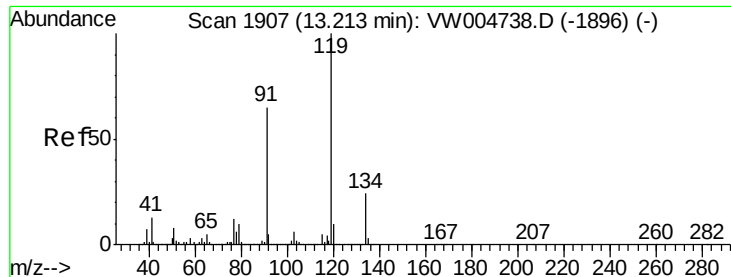
Tgt Ion: 91 Resp: 1371265

Ion Ratio Lower Upper

91 100

126 33.8 16.9 50.7

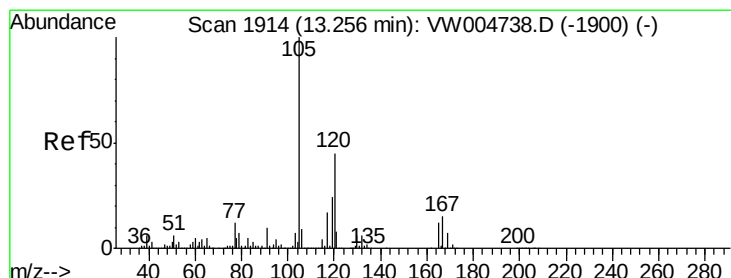
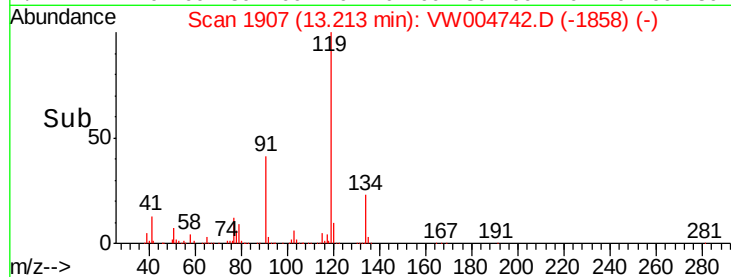
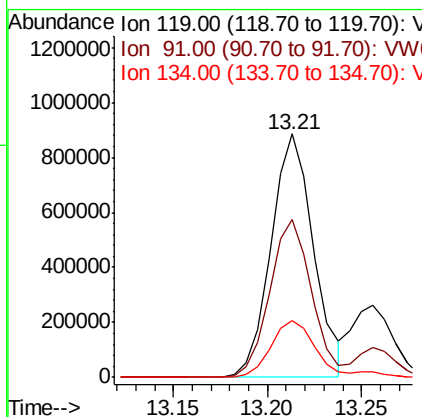
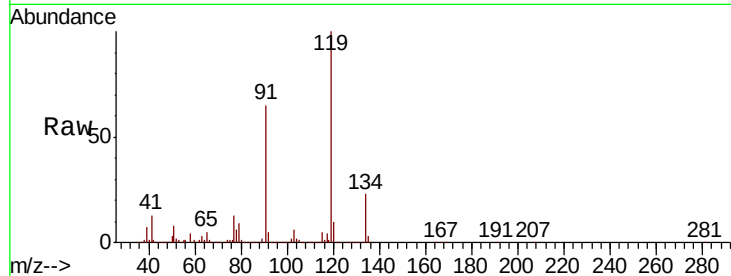




#83
 tert-Butylbenzene
 Concen: 52.384 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VW004742.D
 Acq: 17 Aug 2018 19:21

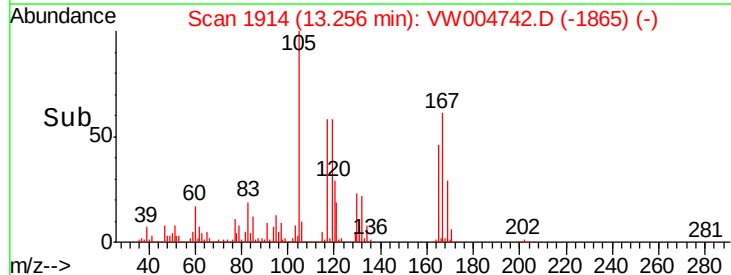
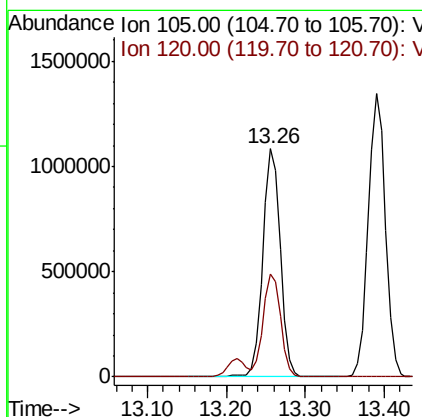
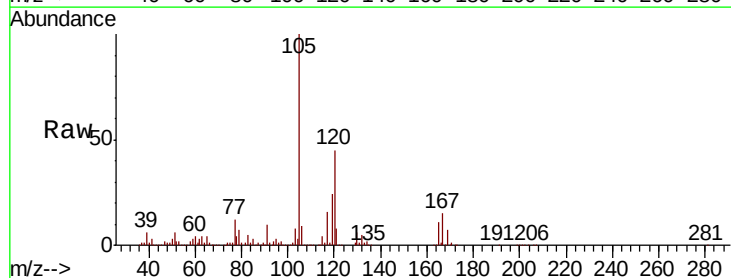
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW081918

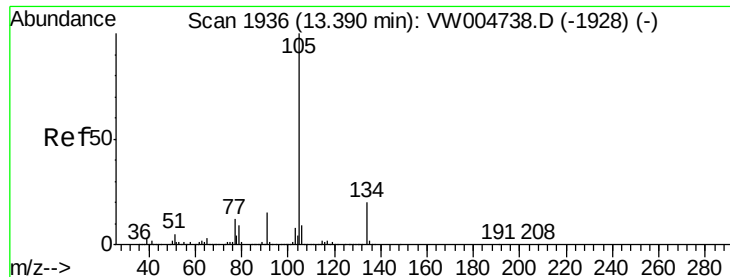
Tgt Ion:119 Resp: 1383770
 Ion Ratio Lower Upper
 119 100
 91 63.7 32.6 97.8
 134 25.8 13.1 39.3



#84
 1,2,4-Trimethylbenzene
 Concen: 52.371 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: VW004742.D
 Acq: 17 Aug 2018 19:21

Tgt Ion:105 Resp: 1664059
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.8 68.3

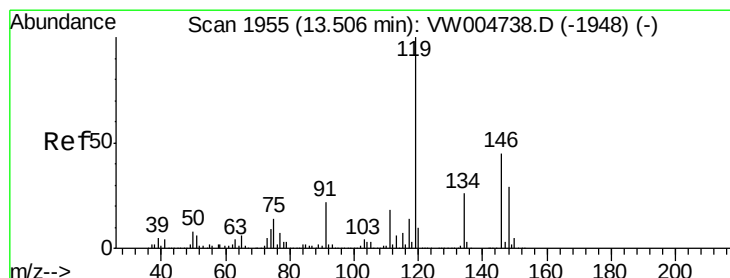
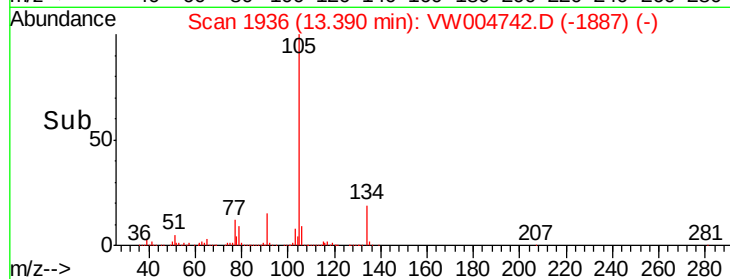
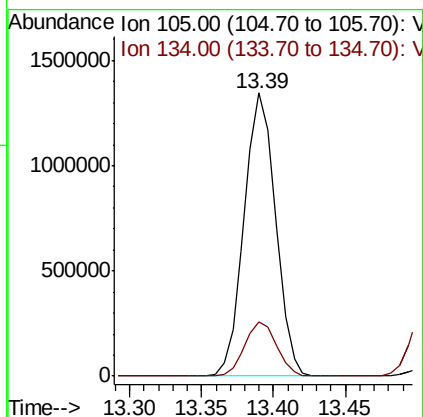
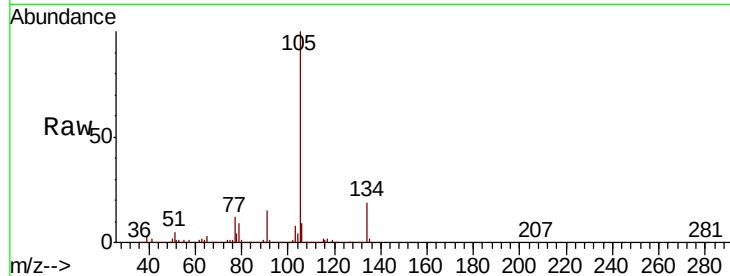




#85
 sec-Butylbenzene
 Concen: 51.693 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VW004742.D
 Acq: 17 Aug 2018 19:21

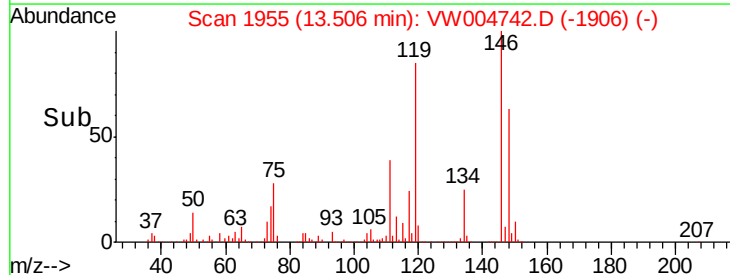
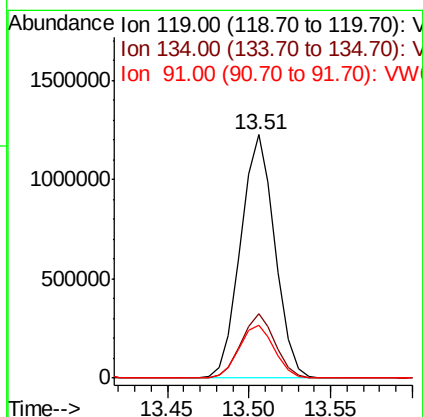
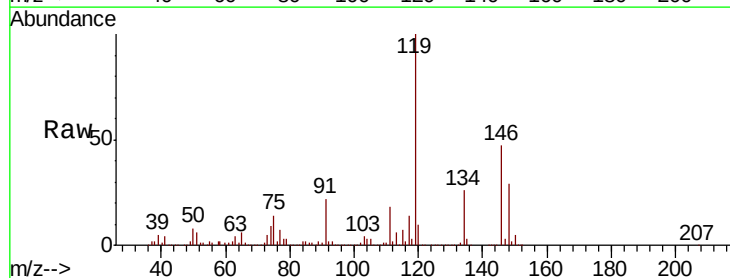
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW081918

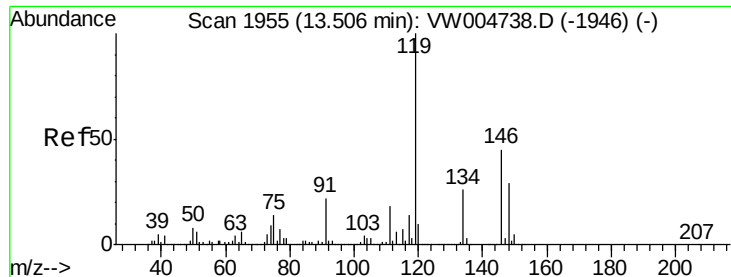
Tgt Ion:105 Resp: 2038711
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 52.266 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW004742.D
 Acq: 17 Aug 2018 19:21

Tgt Ion:119 Resp: 1793542
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.1 39.3
 91 22.4 11.2 33.5

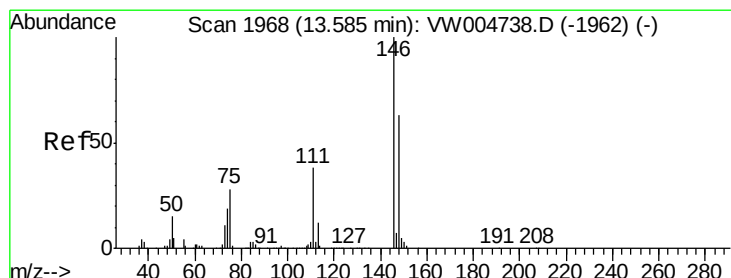
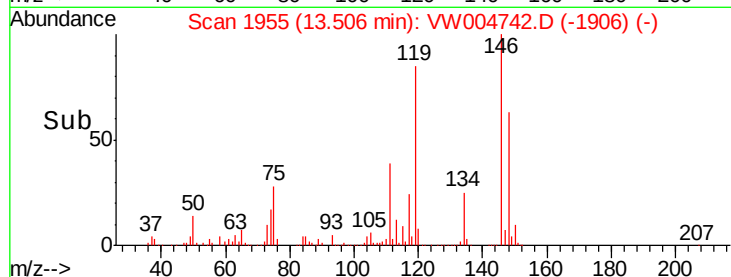
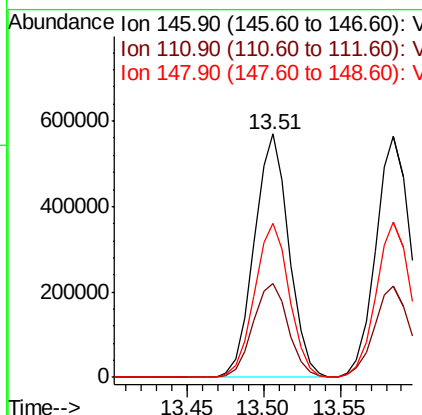
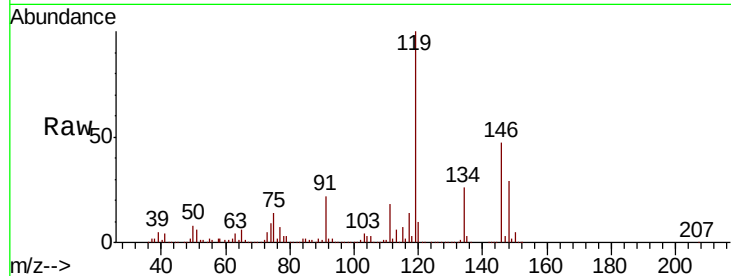




#87
 1,3-Dichlorobenzene
 Concen: 50.136 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW004742.D
 Acq: 17 Aug 2018 19:21

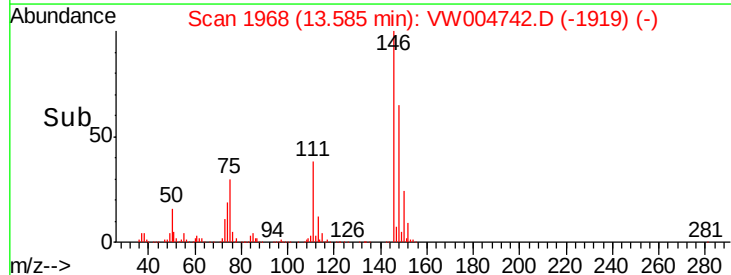
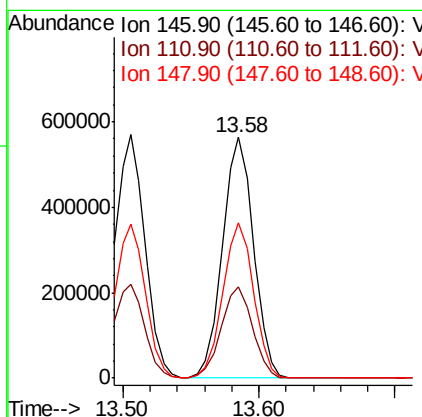
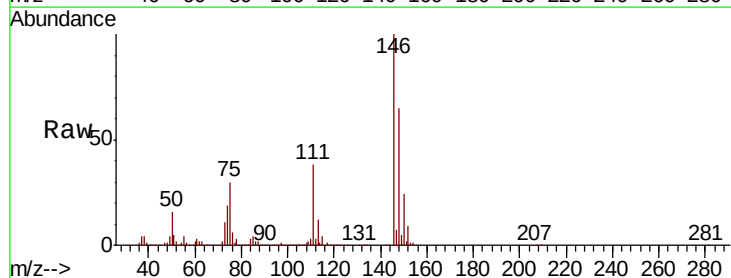
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW081918

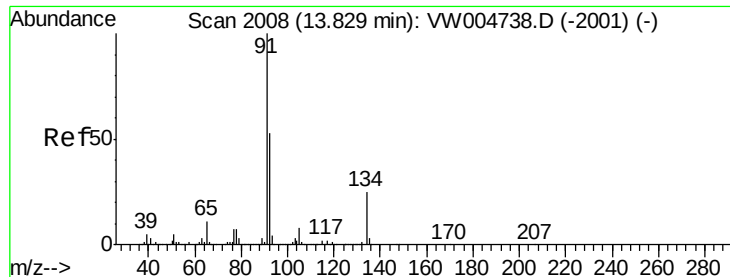
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.8	59.4
148	63.5	31.9	95.9



#88
 1,4-Dichlorobenzene
 Concen: 49.772 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VW004742.D
 Acq: 17 Aug 2018 19:21

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.3	57.8
148	64.2	31.8	95.3





#89

n-Butylbenzene

Concen: 52.442 ug/l

RT: 13.83 min Scan# 2008

Delta R.T. -0.00 min

Lab File: VW004742.D

Acq: 17 Aug 2018 19:21

Instrument :

MSVOA_W

ClientSampleId :

ICVW081918

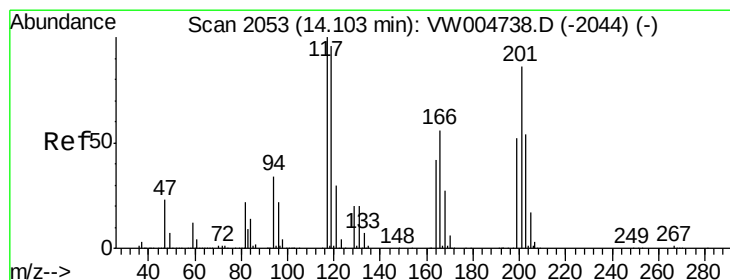
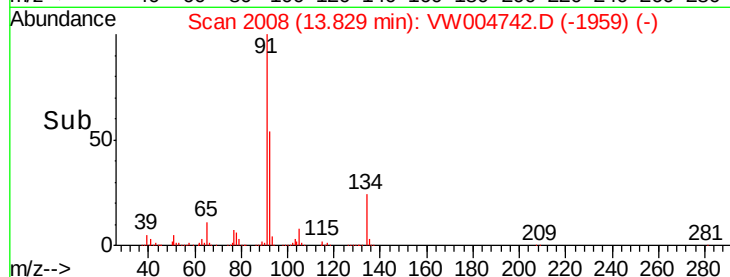
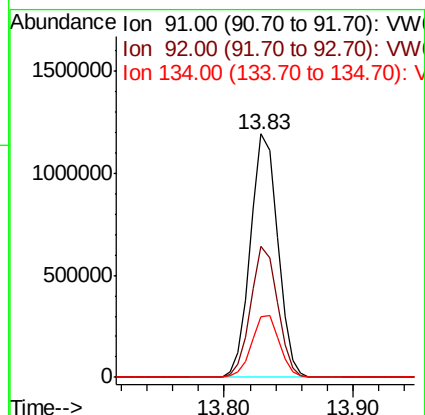
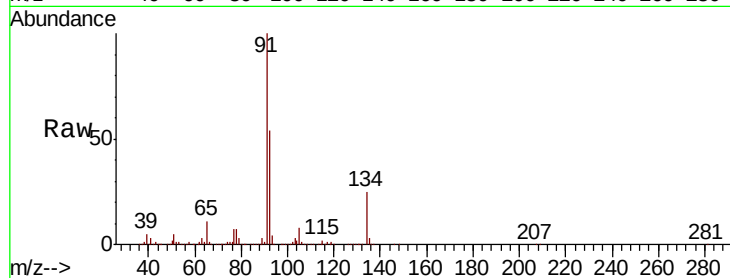
Tgt Ion: 91 Resp: 1739948

Ion Ratio Lower Upper

91 100

92 53.0 26.4 79.2

134 25.5 12.8 38.3



#90

Hexachloroethane

Concen: 50.120 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. -0.00 min

Lab File: VW004742.D

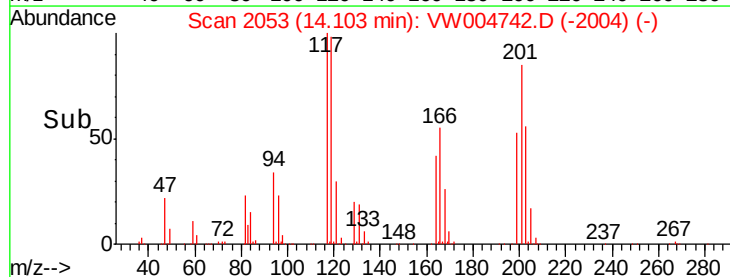
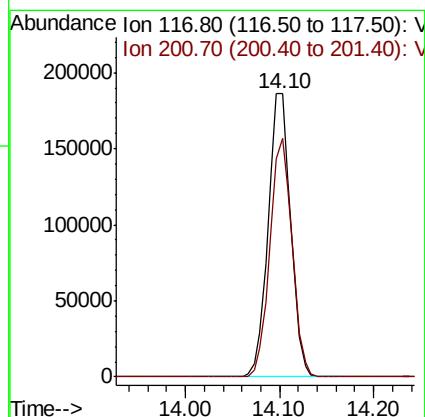
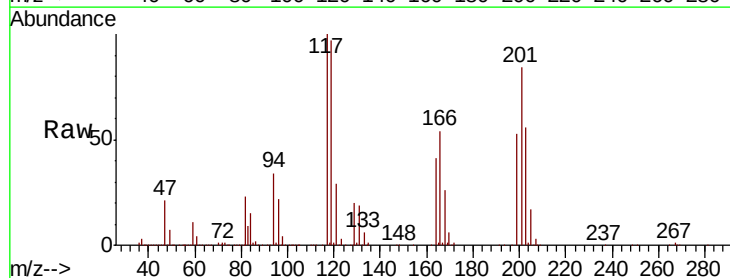
Acq: 17 Aug 2018 19:21

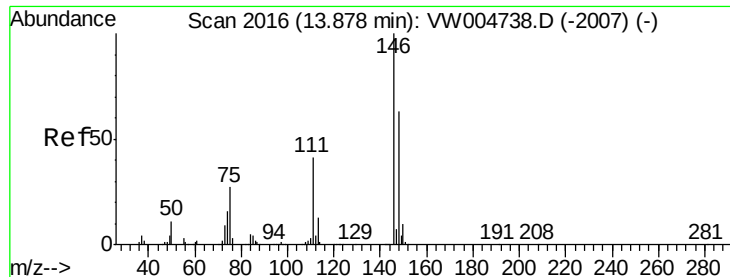
Tgt Ion: 117 Resp: 313502

Ion Ratio Lower Upper

117 100

201 82.8 42.4 127.2

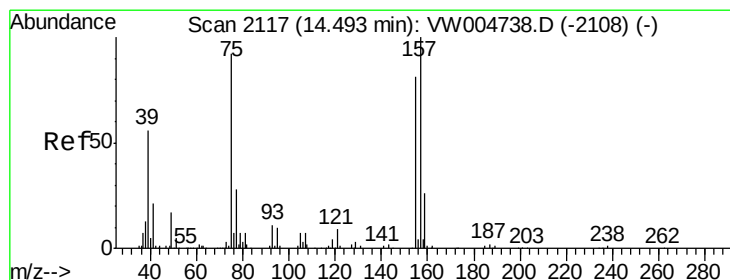
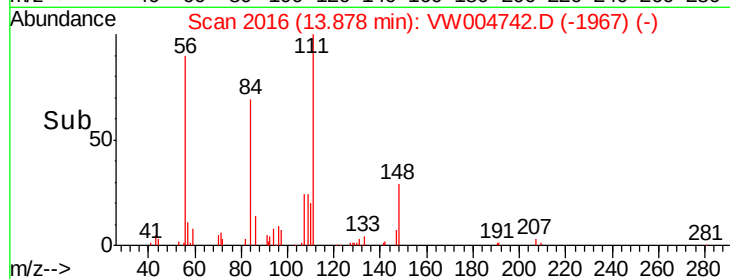
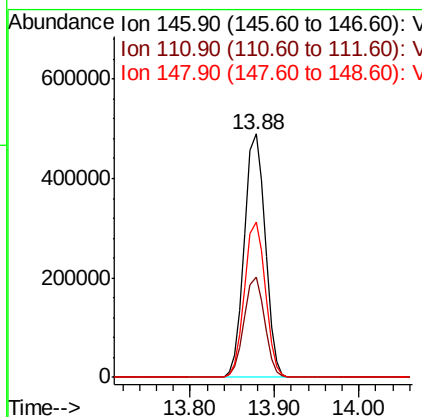
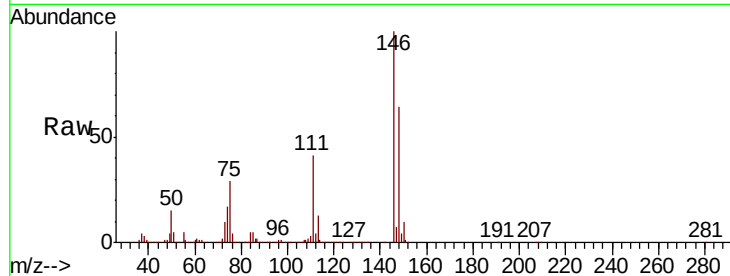




#91
 1,2-Dichlorobenzene
 Concen: 50.312 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: VW004742.D
 Acq: 17 Aug 2018 19:21

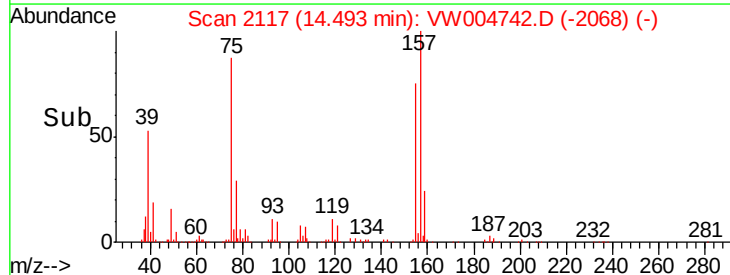
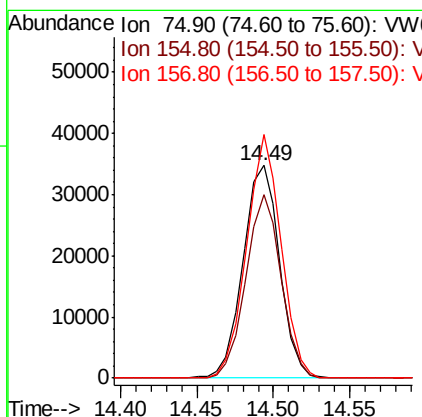
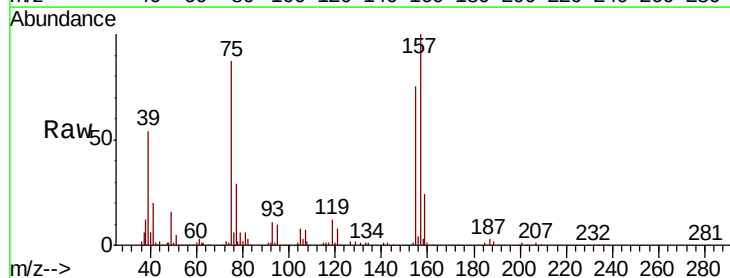
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW081918

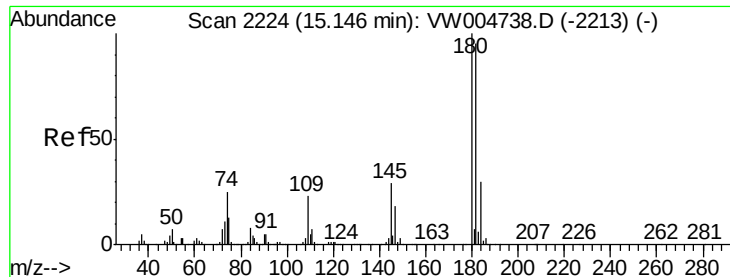
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.4	61.3
148	63.8	31.6	95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.817 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VW004742.D
 Acq: 17 Aug 2018 19:21

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.1	43.3	129.9
157	108.1	54.5	163.6

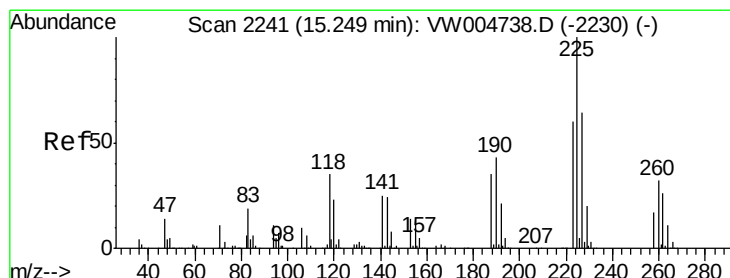
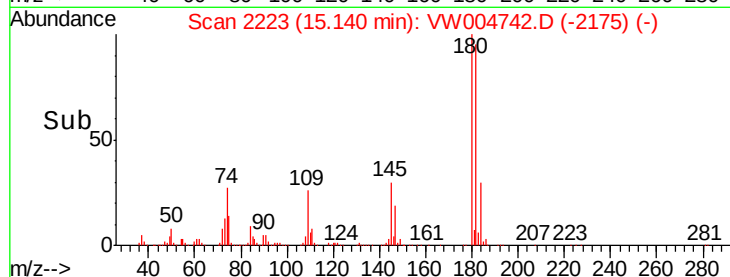
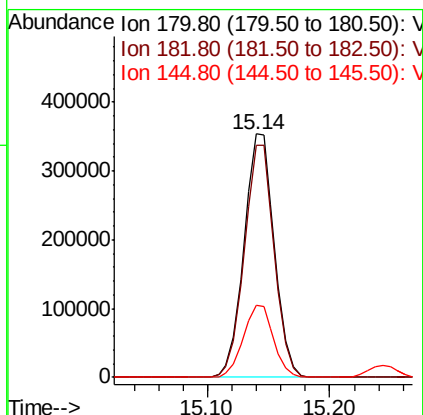
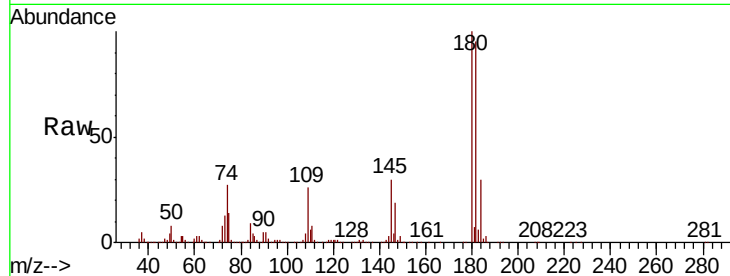




#93
 1,2,4-Trichlorobenzene
 Concen: 53.153 ug/l
 RT: 15.14 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: VW004742.D
 Acq: 17 Aug 2018 19:21

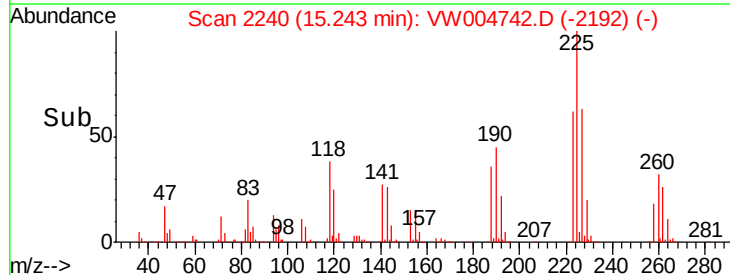
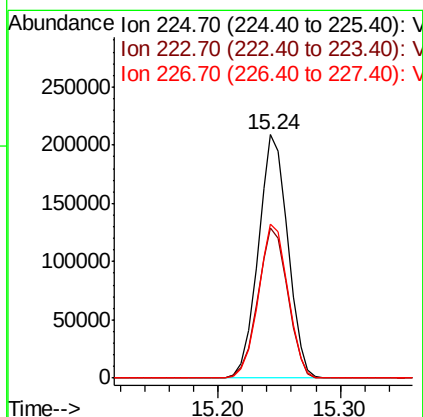
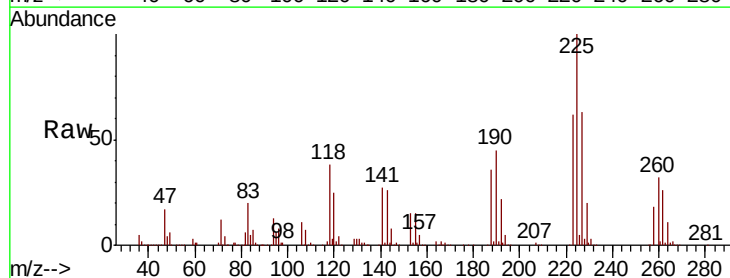
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW081918

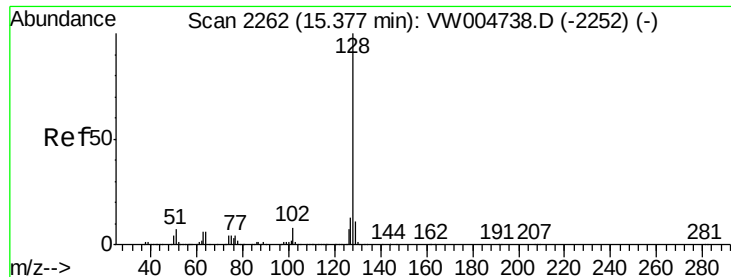
Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.3	141.8
145	29.5	14.6	43.8



#94
 Hexachlorobutadiene
 Concen: 50.344 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. -0.01 min
 Lab File: VW004742.D
 Acq: 17 Aug 2018 19:21

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	30.9	92.5
227	63.4	32.0	96.0

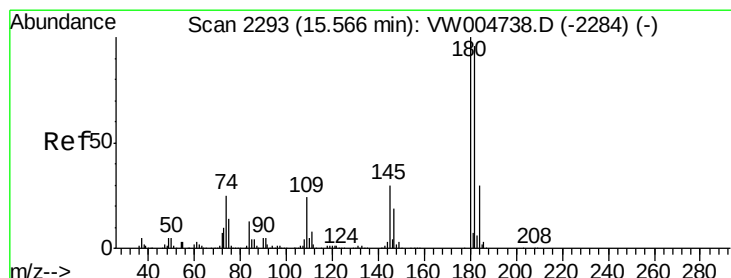
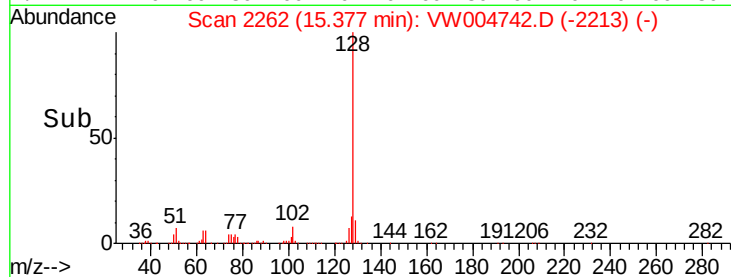
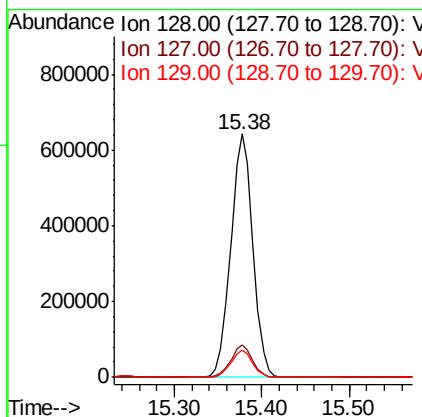
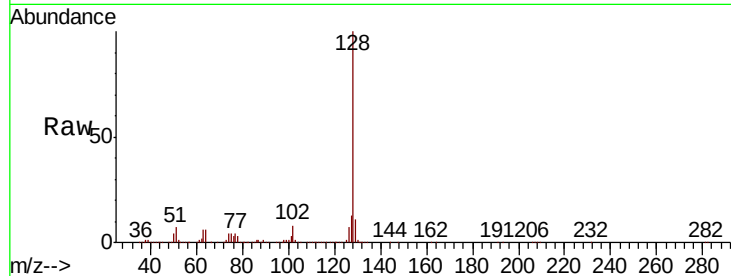




#95
Naphthalene
Concen: 51.032 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW004742.D
Acq: 17 Aug 2018 19:21

Instrument :
MSVOA_W
ClientSampleId :
ICVW081918

Tgt Ion:128 Resp: 1125981
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 11.1 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 53.249 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VW004742.D
Acq: 17 Aug 2018 19:21

Tgt Ion:180 Resp: 536902
Ion Ratio Lower Upper
180 100
182 95.4 47.3 142.0
145 31.4 15.4 46.1

