

Data File : VW005889.D
Acq On : 08 Oct 2018 11:49
Operator : SY/AP
Sample : VSTDICCC050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Quant Time: Oct 09 01:59:39 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 09 01:57:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	8831	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	12040	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	9570	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	3925	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	3946	46.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.06%	
35) Dibromofluoromethane	7.90	113	3574	46.49	ug/l	0.01
Spiked Amount	50.000		Recovery	=	92.98%	
50) Toluene-d8	10.33	98	14670	49.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.20%	
62) 4-Bromofluorobenzene	12.62	95	4287	38.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	2661	61.490	ug/l	96
3) Chloromethane	2.21	50	4247	83.432	ug/l	97
4) Vinyl Chloride	2.36	62	4030	49.868	ug/l	98
5) Bromomethane	2.79	94	3012	47.225	ug/l	87
6) Chloroethane	2.93	64	2695	52.343	ug/l	89
7) Trichlorofluoromethane	3.28	101	6739	105.052	ug/l	99
8) Diethyl Ether	3.68	74	1942	49.190	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.09	101	4467	55.179	ug/l	95
10) Methyl Iodide	4.28	142	6327	47.789	ug/l	99
11) Tert butyl alcohol	5.20	59	77	12.255	ug/l #	1
12) 1,1-Dichloroethene	4.04	96	4194	53.949	ug/l	94
13) Acrolein	3.89	56	1099	196.286	ug/l #	1
14) Allyl chloride	4.68	41	5805	43.788	ug/l #	80
15) Acrylonitrile	5.38	53	3451	200.857	ug/l	95
16) Acetone	4.12	43	5313	310.271	ug/l	99
17) Carbon Disulfide	4.39	76	12286	52.275	ug/l	99
18) Methyl Acetate	4.67	43	2067	47.834	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	8853	73.199	ug/l	96
20) Methylene Chloride	4.92	84	3995	46.566	ug/l	94
21) trans-1,2-Dichloroethene	5.43	96	4286	50.584	ug/l	94
22) Diisopropyl ether	6.31	45	11627	46.916	ug/l	99
23) Vinyl Acetate	6.26	43	26526	173.902	ug/l	100
24) 1,1-Dichloroethane	6.22	63	7453	49.143	ug/l	98
25) 2-Butanone	7.18	43	4947	203.115	ug/l	92
26) 2,2-Dichloropropane	7.17	77	6728	63.035	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	4381	45.720	ug/l	85
28) Bromochloromethane	7.51	49	2316	41.371	ug/l	96
29) Tetrahydrofuran	7.54	42	2690	174.718	ug/l	95
30) Chloroform	7.68	83	7391	47.446	ug/l	98
31) Cyclohexane	7.96	56	7663	51.058	ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	7791	56.160	ug/l	98
36) 1,1-Dichloropropene	8.09	75	6154	53.343	ug/l	96
37) Ethyl Acetate	7.26	43	2342	47.938	ug/l #	92
38) Carbon Tetrachloride	8.07	117	7064	56.992	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	8638	56.767	ug/l	99
40) Benzene	8.33	78	16651	52.734	ug/l	99
41) Methacrylonitrile	7.49	41	1997	65.291	ug/l #	42
42) 1,2-Dichloroethane	8.40	62	4443	46.575	ug/l	80
43) Isopropyl Acetate	8.43	43	4841	47.436	ug/l #	83
44) Trichloroethene	9.10	130	4860	53.049	ug/l	96
45) 1,2-Dichloropropane	9.37	63	4004	50.660	ug/l	96
46) Dibromomethane	9.46	93	2337	53.800	ug/l #	82
47) Bromodichloromethane	9.65	83	5506	50.370	ug/l	99
48) Methyl methacrylate	9.45	41	2713	55.806	ug/l	87
49) 1,4-Dioxane	9.45	88	690	1045.737	ug/l #	52
51) 4-Methyl-2-Pentanone	10.21	43	11219	225.752	ug/l	98
52) Toluene	10.40	92	10327	49.784	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	4545	39.787	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	5911	46.032	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	2733	45.424	ug/l #	78
56) Ethyl methacrylate	10.65	69	3495	43.099	ug/l #	87
57) 1,3-Dichloropropane	10.93	76	4599	45.436	ug/l	94
58) 2-Chloroethyl Vinyl ether	9.93	63	3580	108.498	ug/l	97
59) 2-Hexanone	10.98	43	6807	191.031	ug/l	95
60) Dibromochloromethane	11.13	129	3280	42.246	ug/l	99
61) 1,2-Dibromoethane	11.24	107	2542	42.280	ug/l	99
64) Tetrachloroethene	10.87	164	4304	60.376	ug/l	95
65) Chlorobenzene	11.66	112	10394	50.704	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	3972	52.863	ug/l	92
67) Ethyl Benzene	11.74	91	19695	54.394	ug/l	97
68) m/p-Xylenes	11.84	106	15416	108.948	ug/l	96
69) o-Xylene	12.17	106	7505	55.402	ug/l	93
70) Styrene	12.18	104	10046	44.697	ug/l	95
71) Bromoform	12.35	173	1835	40.999	ug/l #	99
73) Isopropylbenzene	12.47	105	21051	73.438	ug/l	99
74) N-amyl acetate	12.28	43	3357	49.312	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.72	83	2956	62.916	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	3336	55.529	ug/l #	100
77) Bromobenzene	12.75	156	3816	56.190	ug/l	98
78) n-propylbenzene	12.81	91	23236	68.909	ug/l	100
79) 2-Chlorotoluene	12.90	91	12425	65.275	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	16744	69.189	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	710	42.751	ug/l	93
82) 4-Chlorotoluene	12.99	91	11812	58.980	ug/l	99
83) tert-Butylbenzene	13.21	119	15913	73.930	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	16134	66.092	ug/l	97
85) sec-Butylbenzene	13.39	105	21919	72.547	ug/l	97
86) p-Isopropyltoluene	13.51	119	17575	64.684	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	6820	50.548	ug/l	94
88) 1,4-Dichlorobenzene	13.58	146	6173	46.042	ug/l	97
89) n-Butylbenzene	13.83	91	13606	53.124	ug/l	99
90) Hexachloroethane	14.10	117	3563	69.724	ug/l	91
91) 1,2-Dichlorobenzene	13.88	146	5914	49.371	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.49	75	278	31.750	ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100818\
Quantitation Report (Not Reviewed)

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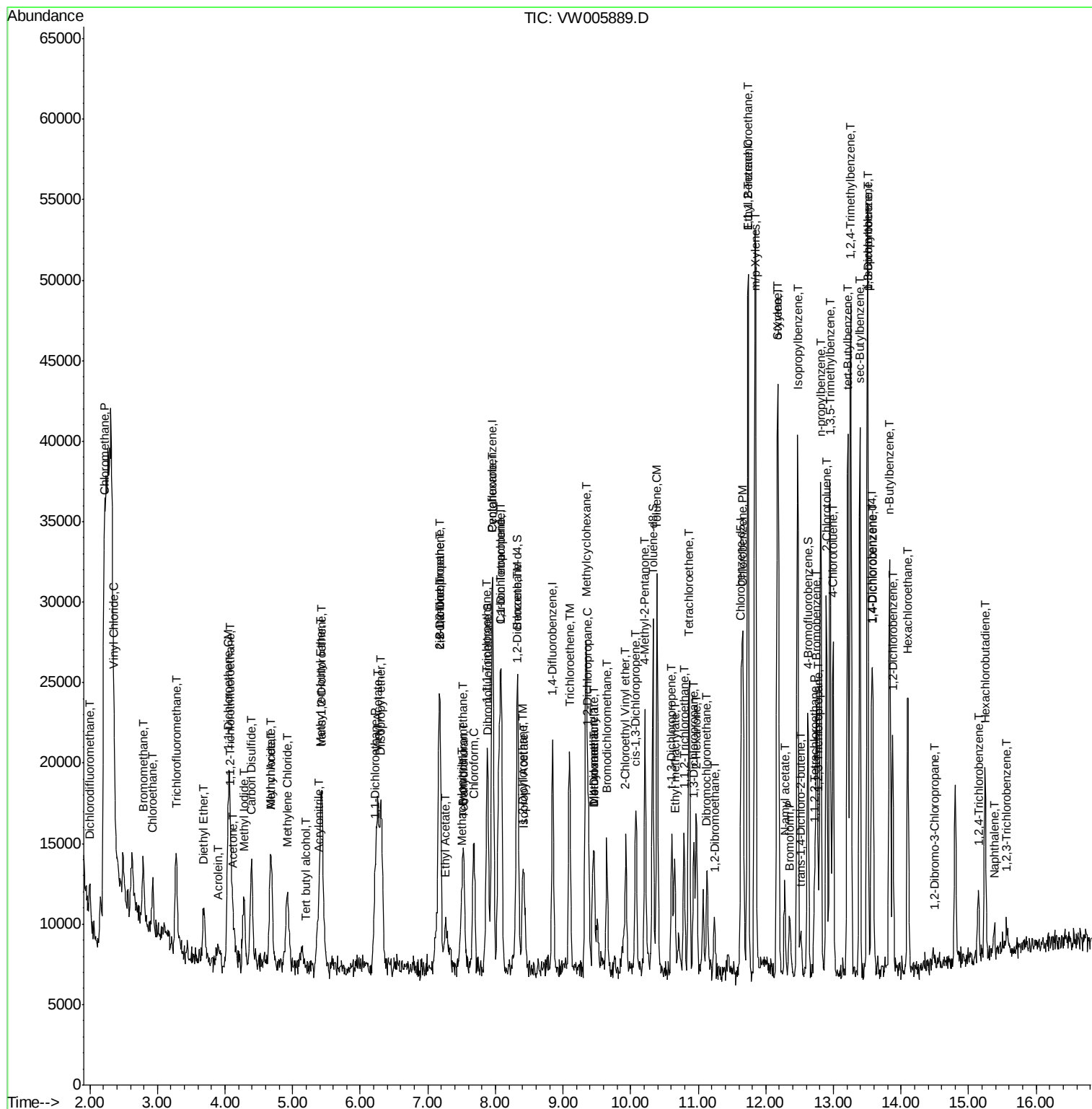
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	1302	14.018	ug/l	95
94) Hexachlorobutadiene	15.24	225	2242	38.673	ug/l	98
95) Naphthalene	15.38	128	1678	10.481	ug/l #	92
96) 1,2,3-Trichlorobenzene	15.57	180	773	9.612	ug/l	93

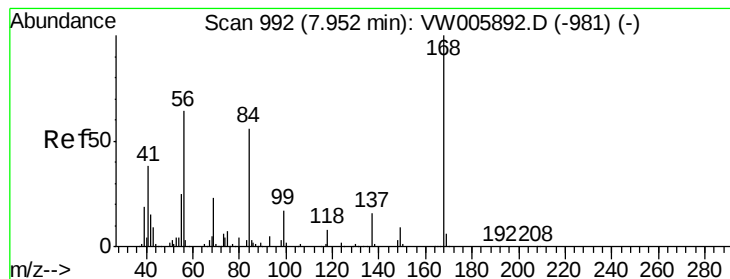
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW005889.D

Acq: 08 Oct 2018 11:49

Instrument :

MSVOA_W

ClientSampleId :

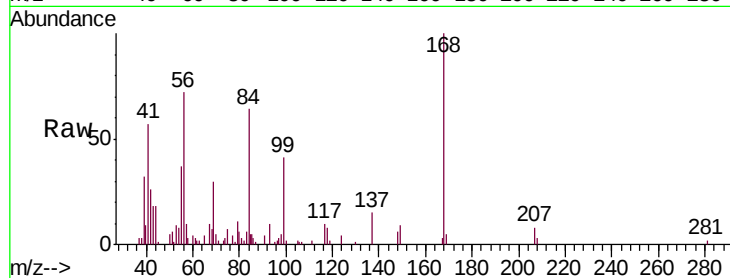
VSTDICCC050

Tgt Ion:168 Resp: 8831

Ion Ratio Lower Upper

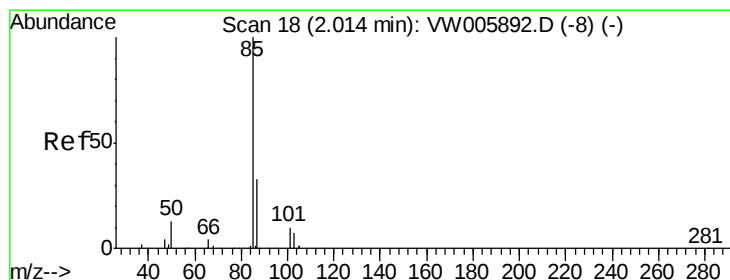
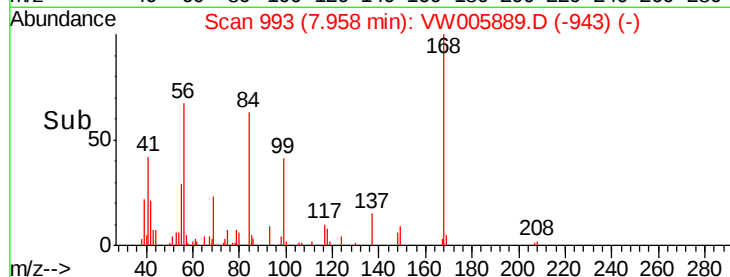
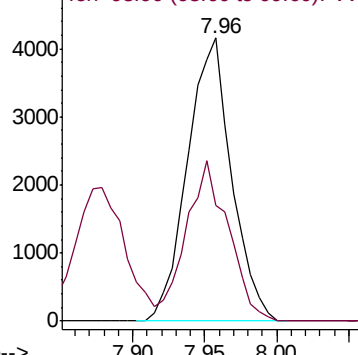
168 100

99 40.7 40.9 61.3#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 61.490 ug/l

RT: 2.00 min Scan# 15

Delta R.T. -0.02 min

Lab File: VW005889.D

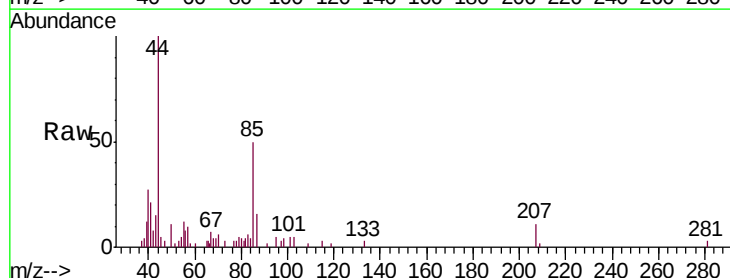
Acq: 08 Oct 2018 11:49

Tgt Ion: 85 Resp: 2661

Ion Ratio Lower Upper

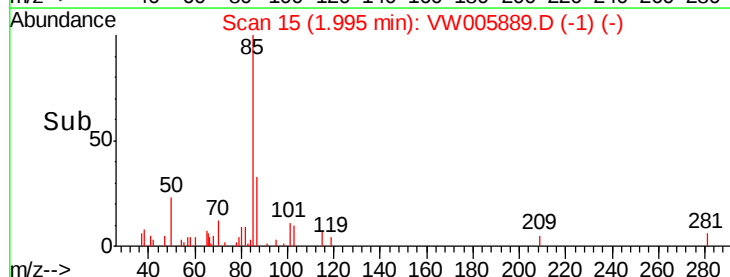
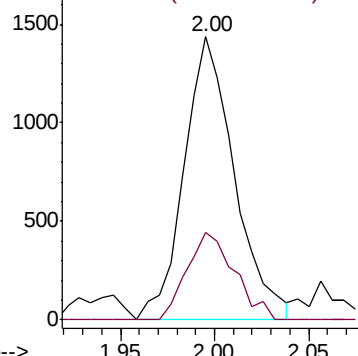
85 100

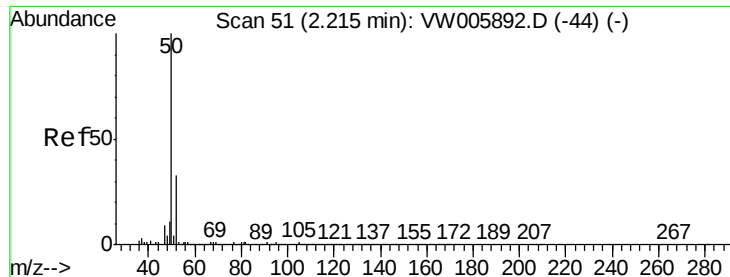
87 30.9 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 83.432 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW005889.D

Acq: 08 Oct 2018 11:49

Instrument :

MSVOA_W

ClientSampleId :

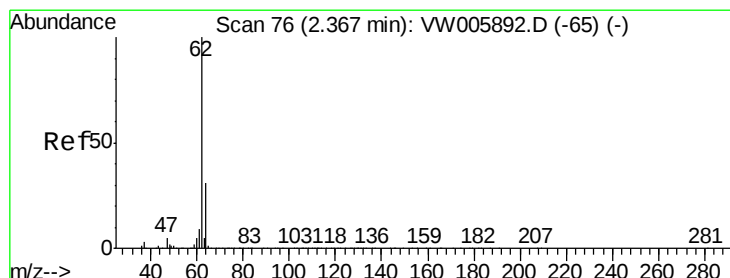
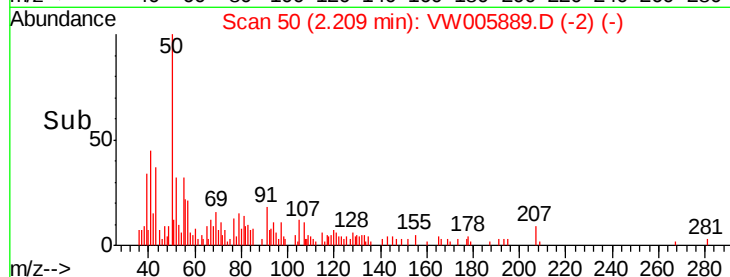
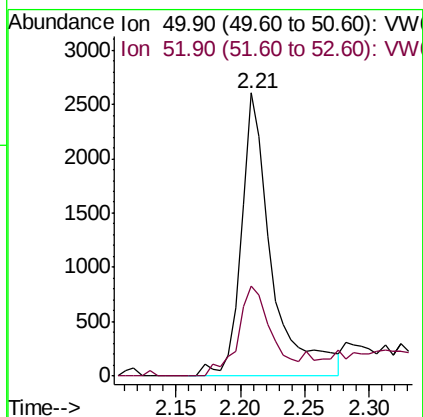
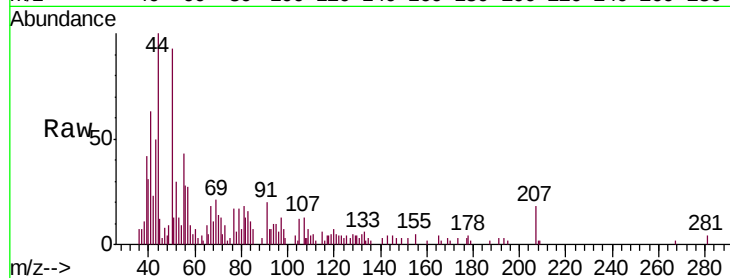
VSTDICCC050

Tgt Ion: 50 Resp: 4247

Ion Ratio Lower Upper

50 100

52 31.7 26.7 40.1



#4

Vinyl Chloride

Concen: 49.868 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.01 min

Lab File: VW005889.D

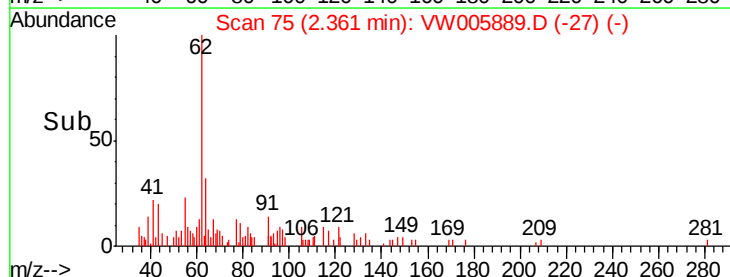
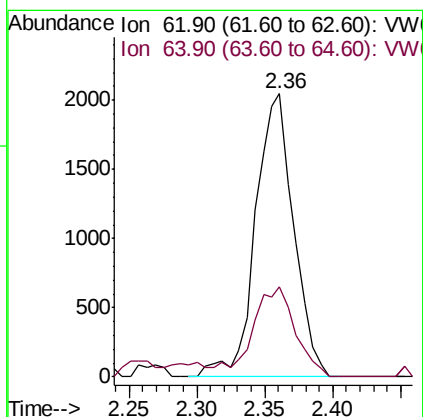
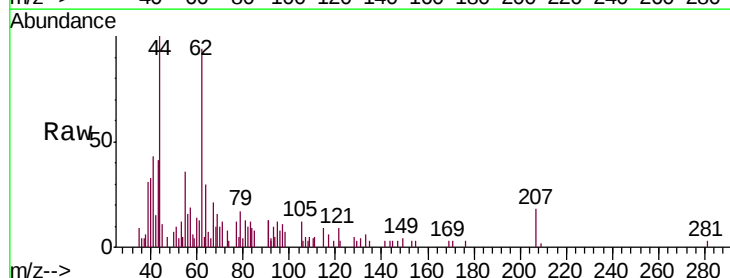
Acq: 08 Oct 2018 11:49

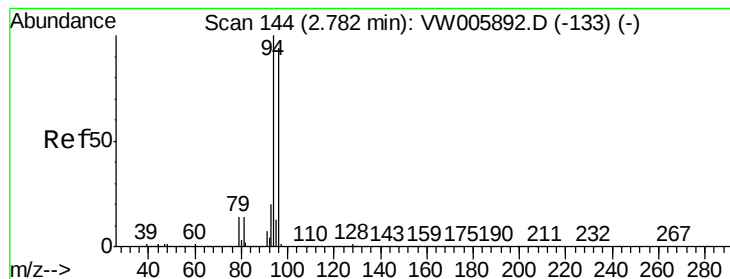
Tgt Ion: 62 Resp: 4030

Ion Ratio Lower Upper

62 100

64 32.0 24.6 36.8





#5

Bromomethane

Concen: 47.225 ug/l

RT: 2.79 min Scan# 145

Delta R.T. 0.01 min

Lab File: VW005889.D

Acq: 08 Oct 2018 11:49

Instrument :

MSVOA_W

ClientSampleId :

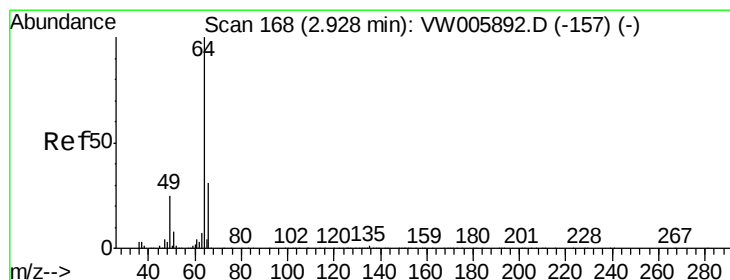
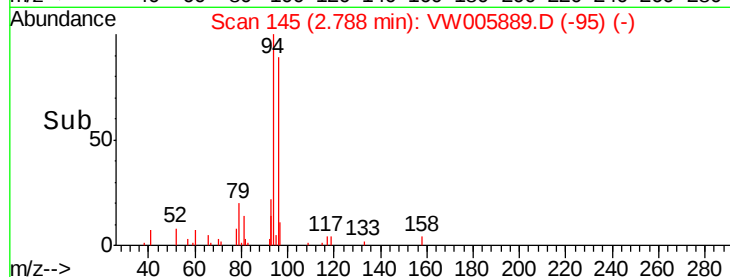
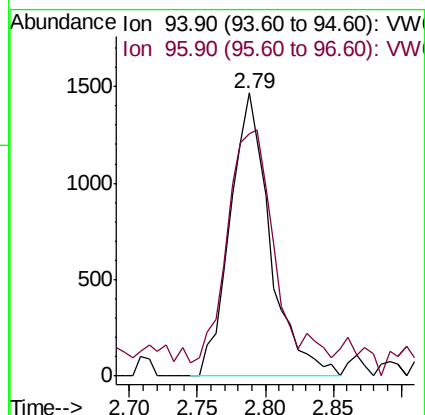
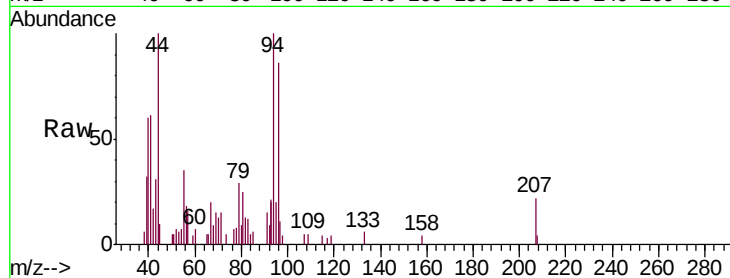
VSTDICCC050

Tgt Ion: 94 Resp: 3012

Ion Ratio Lower Upper

94 100

96 80.8 75.0 112.4



#6

Chloroethane

Concen: 52.343 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.00 min

Lab File: VW005889.D

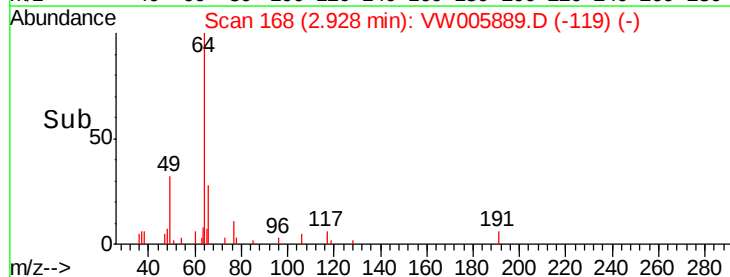
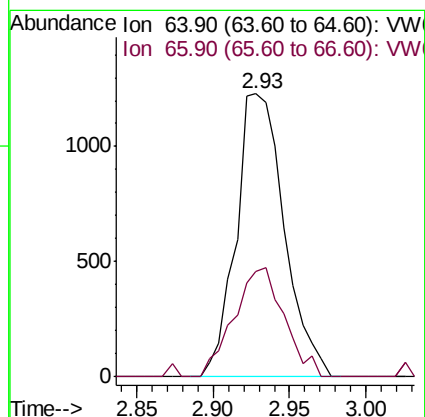
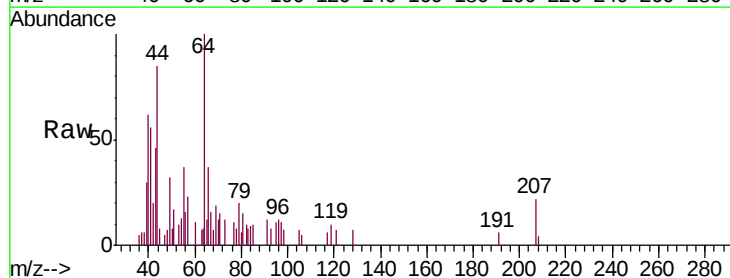
Acq: 08 Oct 2018 11:49

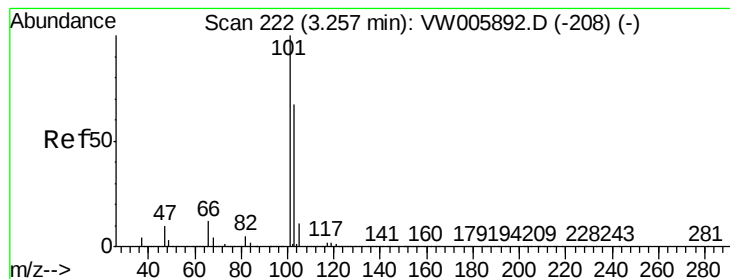
Tgt Ion: 64 Resp: 2695

Ion Ratio Lower Upper

64 100

66 37.3 25.0 37.4



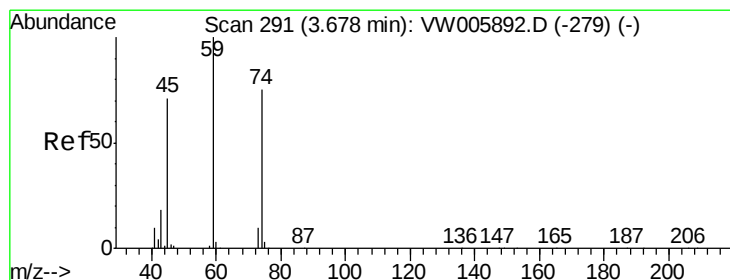
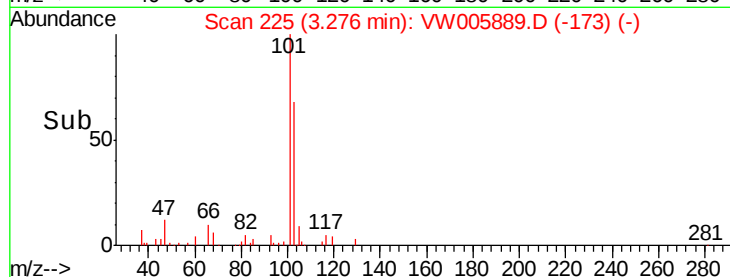
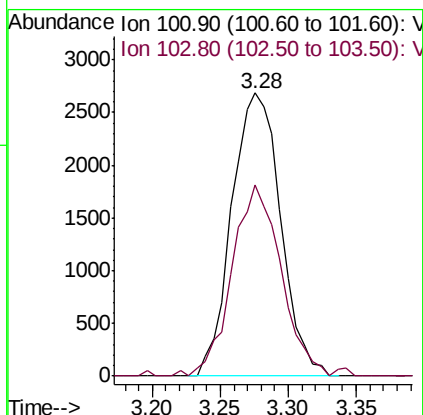
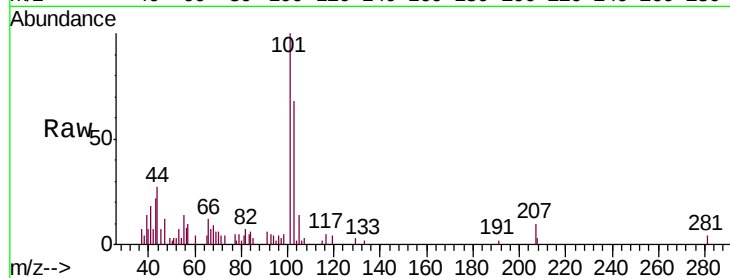


#7

Trichlorofluoromethane
Concen: 105.052 ug/l
RT: 3.28 min Scan# 225
Delta R.T. 0.02 min
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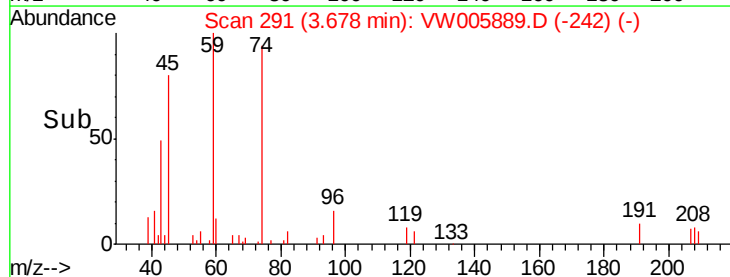
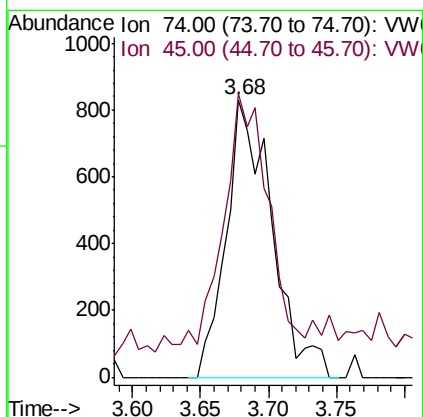
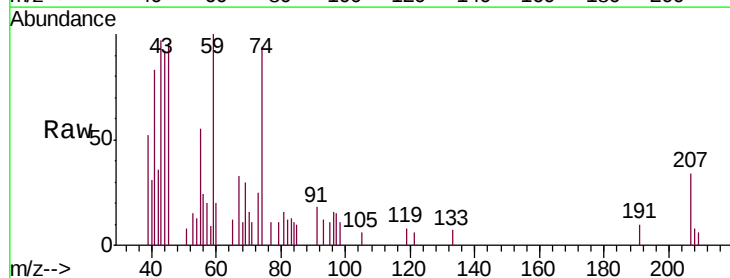
Tgt Ion:101 Resp: 6739
Ion Ratio Lower Upper
101 100
103 67.7 53.5 80.3

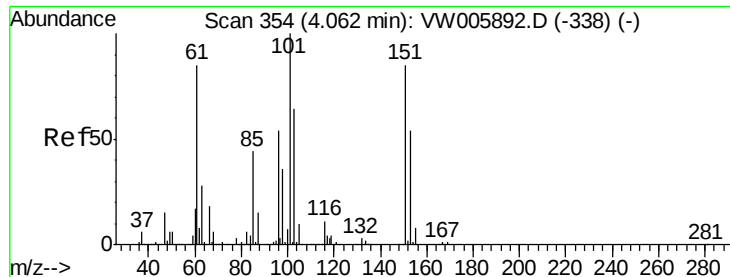


#8

Diethyl Ether
Concen: 49.190 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.00 min
Lab File: VW005889.D
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Tgt Ion: 74 Resp: 1942
Ion Ratio Lower Upper
74 100
45 93.3 46.8 140.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 55.179 ug/l

RT: 4.09 min Scan# 358

Delta R.T. 0.02 min

Lab File: VW005889.D

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MSVOA_W

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VSTDICCC050

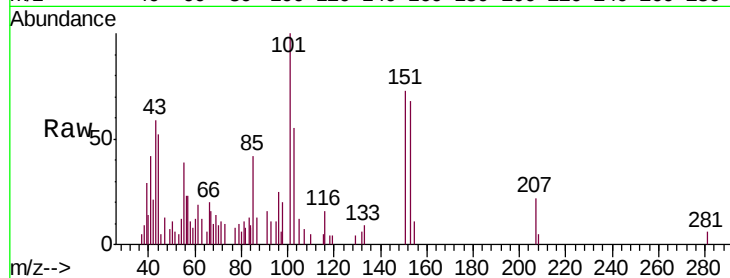
Tgt Ion:101 Resp: 4467

Ion Ratio Lower Upper

101 100

85 48.8 35.1 52.7

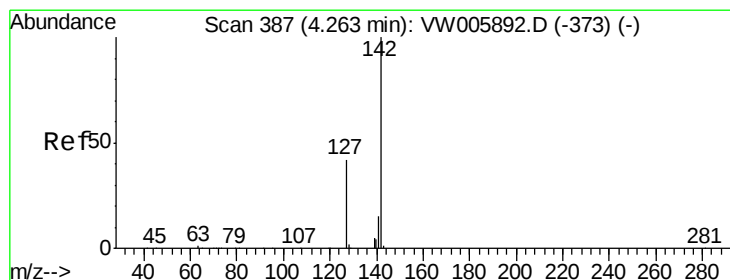
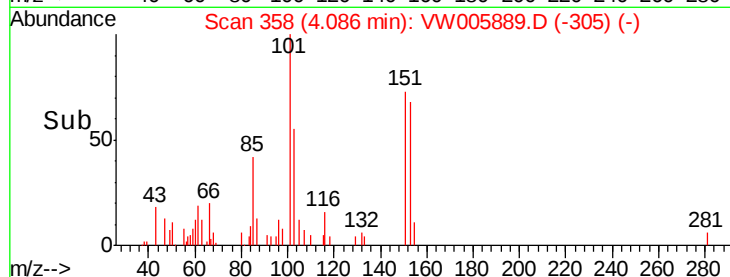
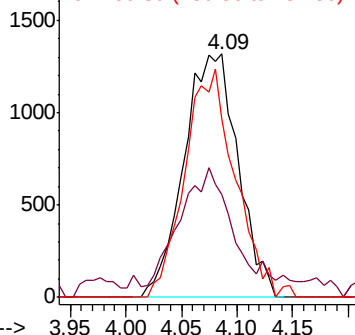
151 87.2 67.7 101.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 47.789 ug/l

RT: 4.28 min Scan# 390

Delta R.T. 0.02 min

Lab File: VW005889.D

Acq: 08 Oct 2018 11:49

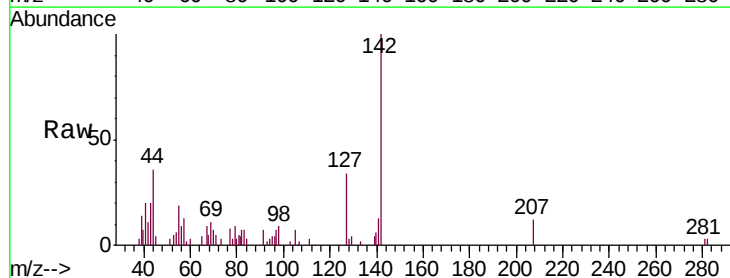
Tgt Ion:142 Resp: 6327

Ion Ratio Lower Upper

142 100

127 42.5 33.7 50.5

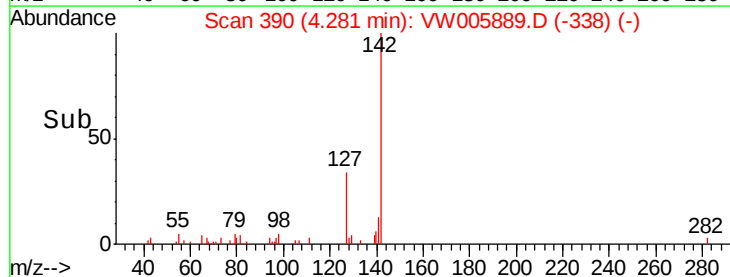
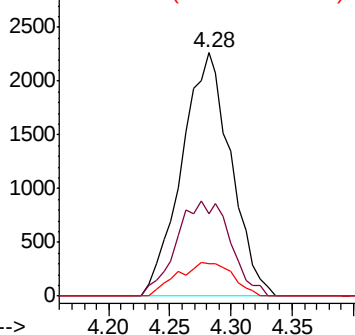
141 15.5 11.5 17.3

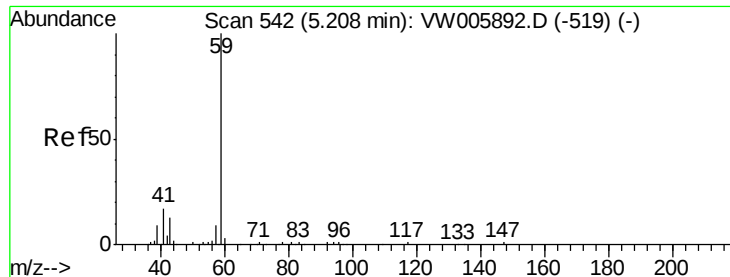


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 12.255 ug/l

RT: 5.20 min Scan# 540

Delta R.T. -0.01 min

Lab File: VW005889.D

Acq: 08 Oct 2018 11:49

Instrument :

MSVOA_W

ClientSampleId :

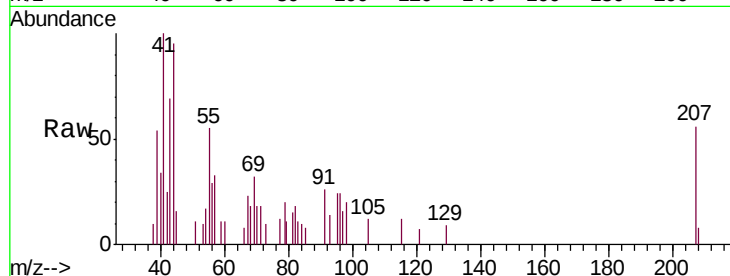
VSTDICCC050

Tgt Ion: 59 Resp: 77

Ion Ratio Lower Upper

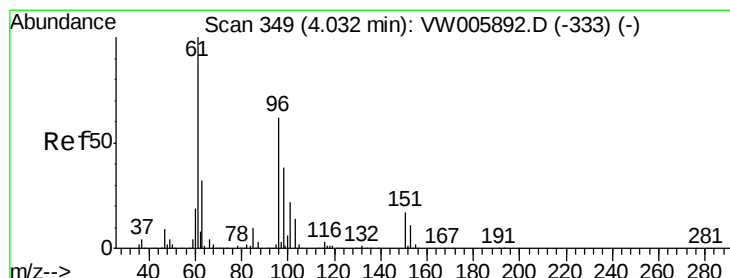
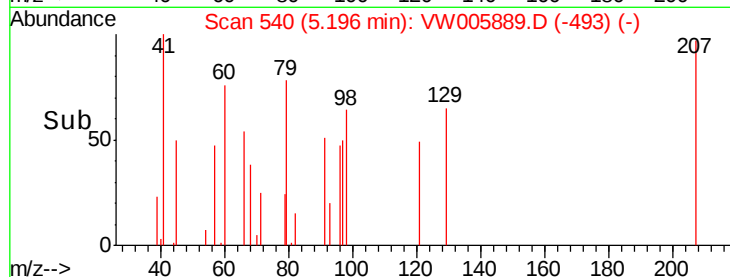
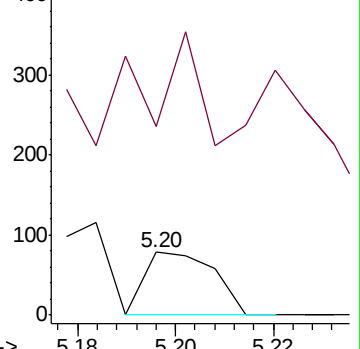
59 100

57 197.4 7.7 11.5#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW



#12

1,1-Dichloroethene

Concen: 53.949 ug/l

RT: 4.04 min Scan# 351

Delta R.T. 0.01 min

Lab File: VW005889.D

Acq: 08 Oct 2018 11:49

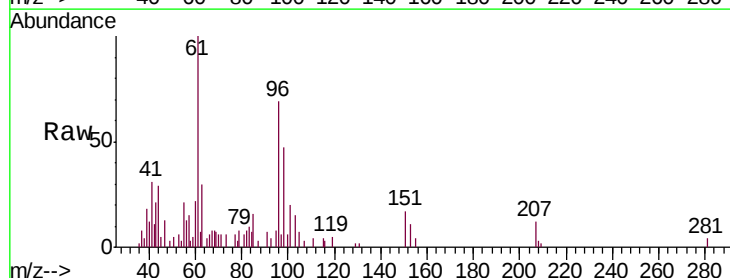
Tgt Ion: 96 Resp: 4194

Ion Ratio Lower Upper

96 100

61 152.0 128.6 193.0

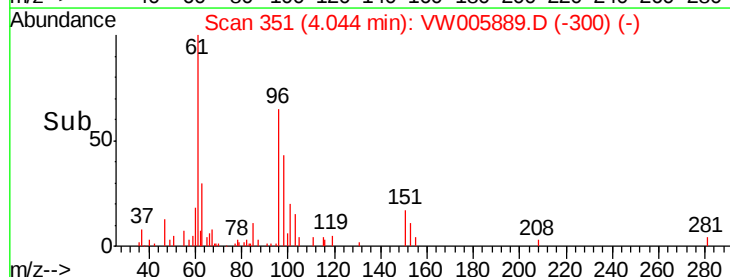
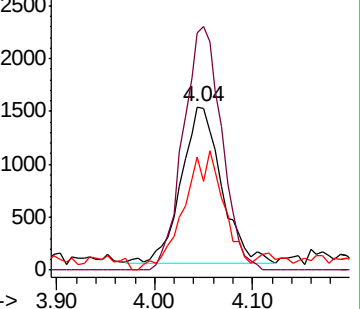
98 65.4 49.4 74.0

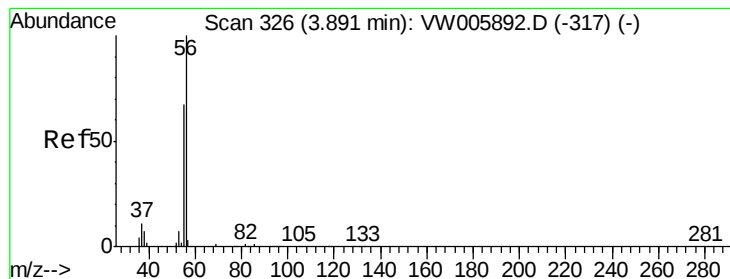


Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW





#13

Acrolein

Concen: 196.286 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW005889.D

Acq: 08 Oct 2018 11:49

Instrument :

MSVOA_W

ClientSampleId :

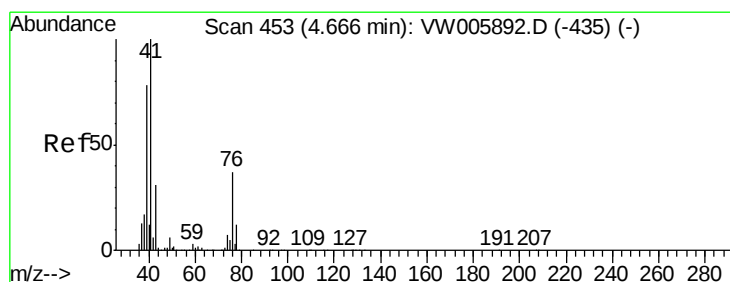
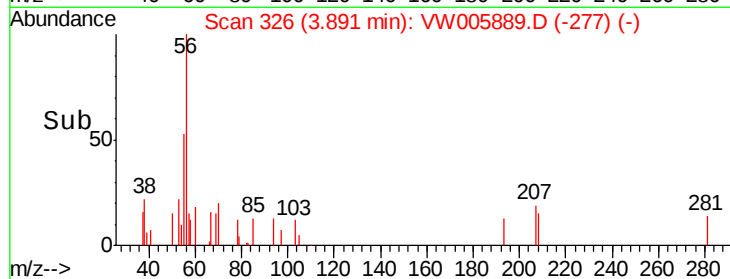
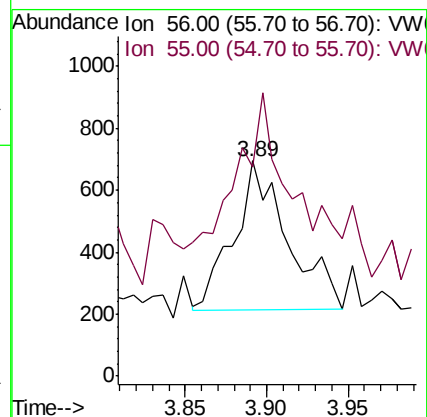
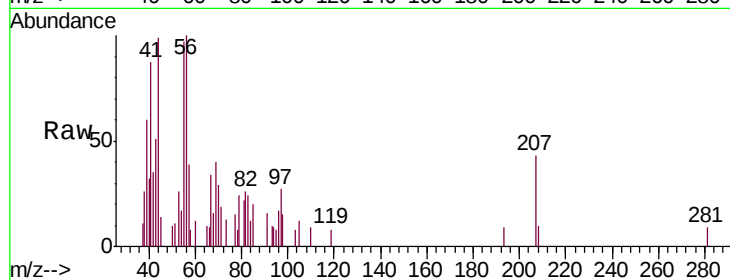
VSTDICCC050

Tgt Ion: 56 Resp: 1099

Ion Ratio Lower Upper

56 100

55 150.5 54.6 82.0#



#14

Allyl chloride

Concen: 43.788 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.01 min

Lab File: VW005889.D

Acq: 08 Oct 2018 11:49

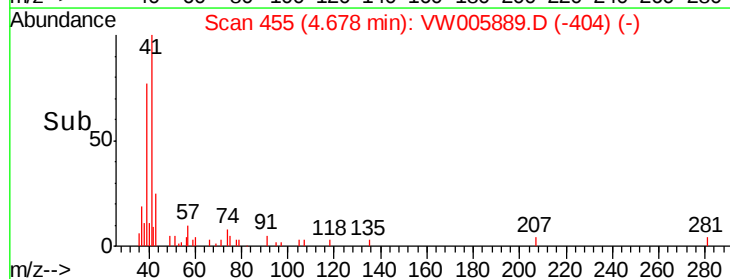
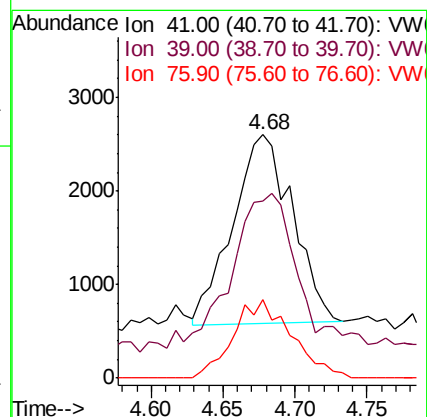
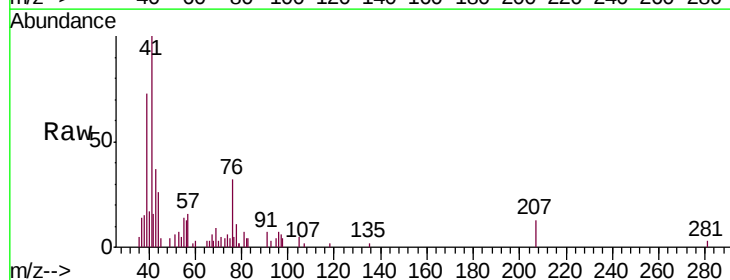
Tgt Ion: 41 Resp: 5805

Ion Ratio Lower Upper

41 100

39 99.3 60.8 91.2#

76 40.6 29.6 44.4





#15

Acrylonitrile

Concen: 200.857 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.01 min

Lab File: VW005889.D

Acq: 08 Oct 2018 11:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

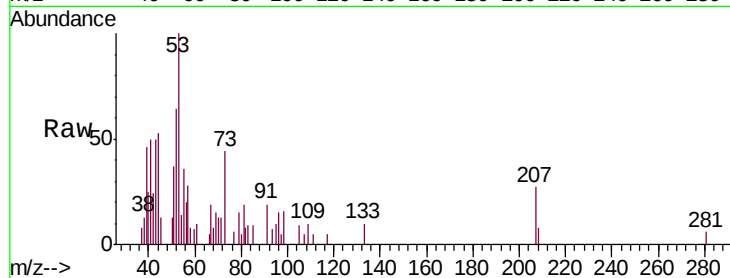
Tgt Ion: 53 Resp: 3451

Ion Ratio Lower Upper

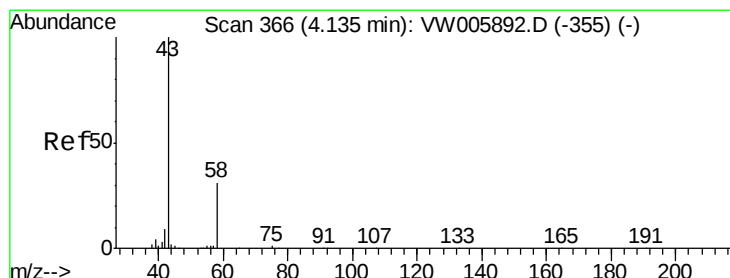
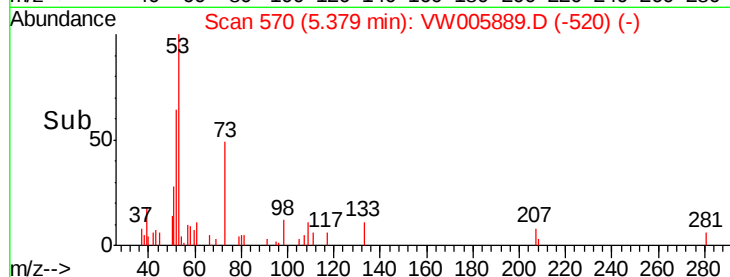
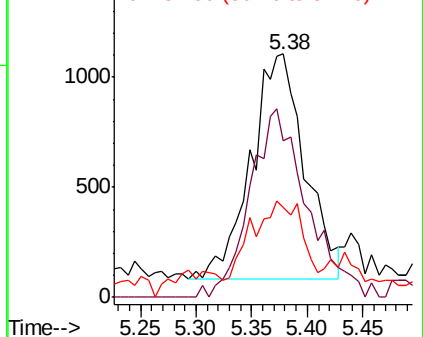
53 100

52 88.7 66.8 100.2

51 35.0 29.8 44.6



Abundance Ion 53.00 (52.70 to 53.70): VW
Ion 52.00 (51.70 to 52.70): VW
Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 310.271 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW005889.D

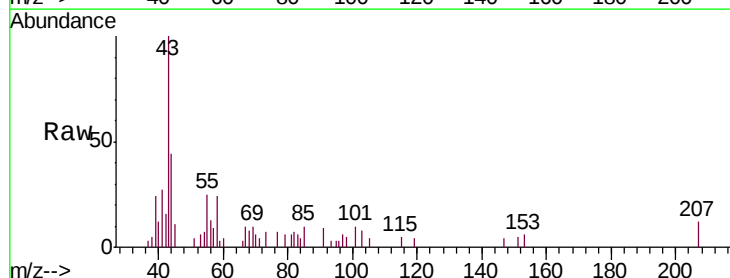
Acq: 08 Oct 2018 11:49

Tgt Ion: 43 Resp: 5313

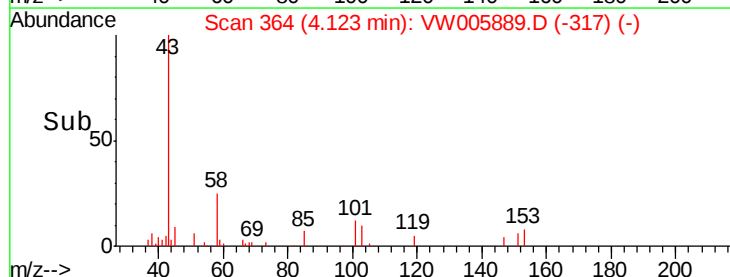
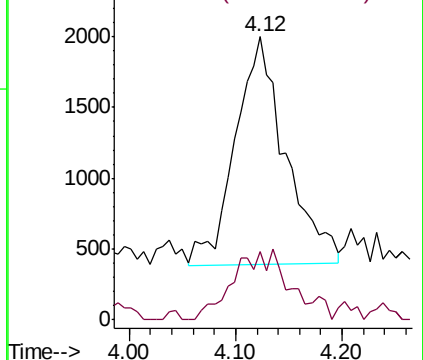
Ion Ratio Lower Upper

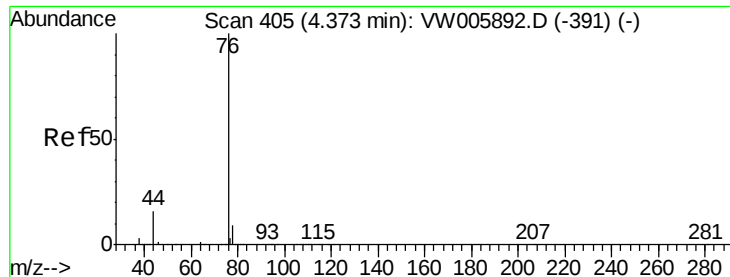
43 100

58 30.2 24.7 37.1



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

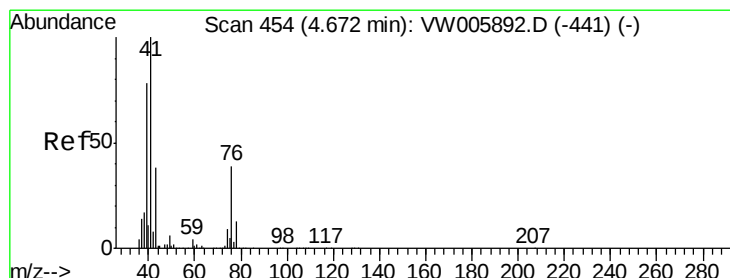
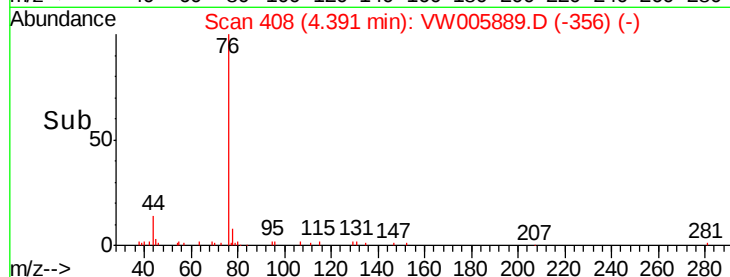
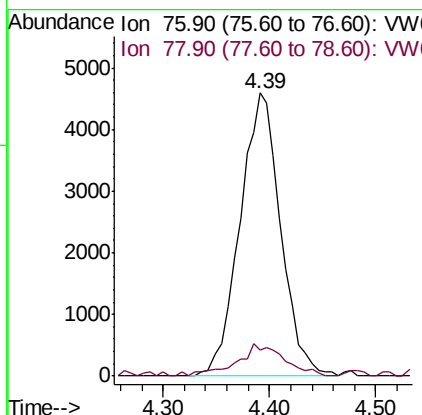
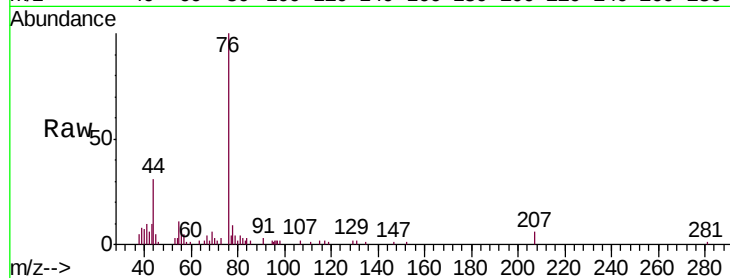




#17
Carbon Disulfide
Concen: 52.275 ug/l
RT: 4.39 min Scan# 408
Delta R.T. 0.02 min
Lab File: VW005889.D
Acq: 08 Oct 2018 11:49

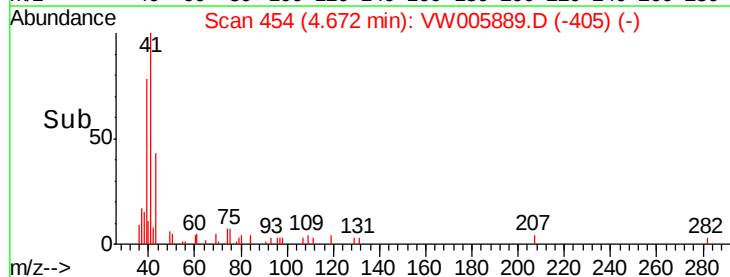
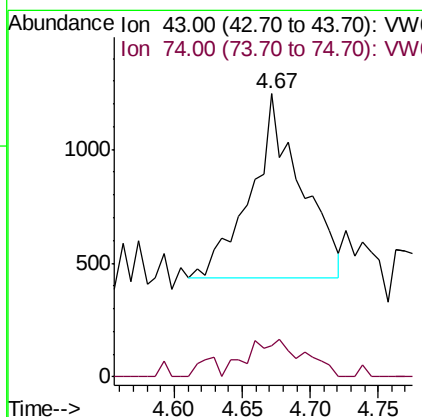
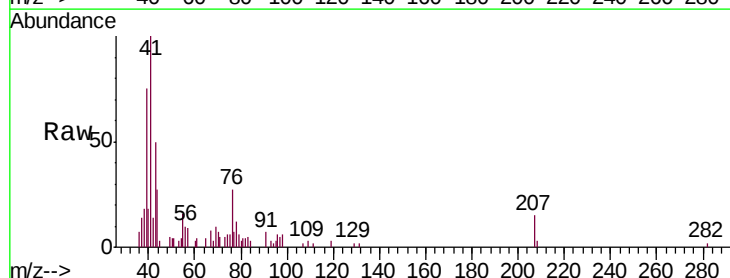
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

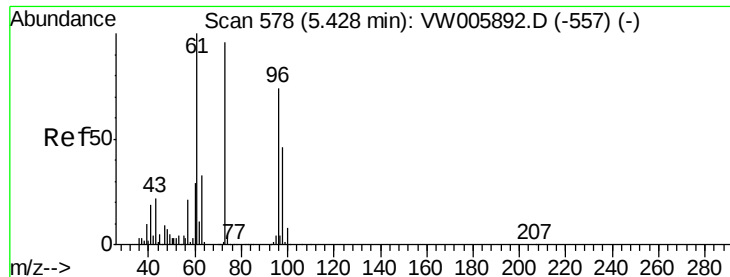
Tgt Ion: 76 Resp: 12286
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0



#18
Methyl Acetate
Concen: 47.834 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.00 min
Lab File: VW005889.D
Acq: 08 Oct 2018 11:49

Tgt Ion: 43 Resp: 2067
Ion Ratio Lower Upper
43 100
74 23.3 19.2 28.8

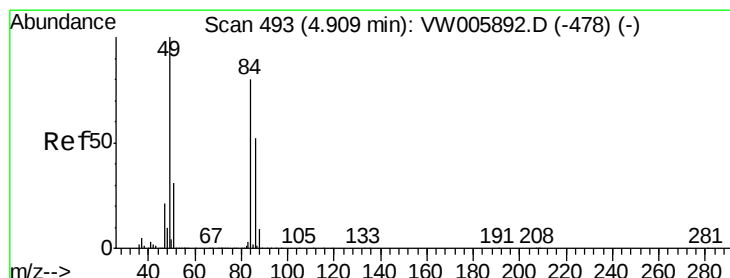
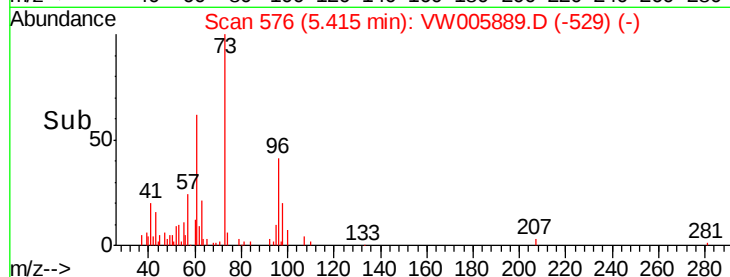
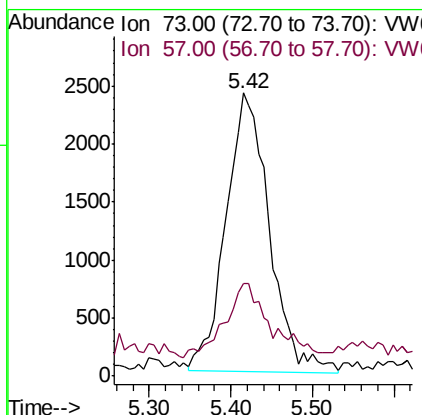
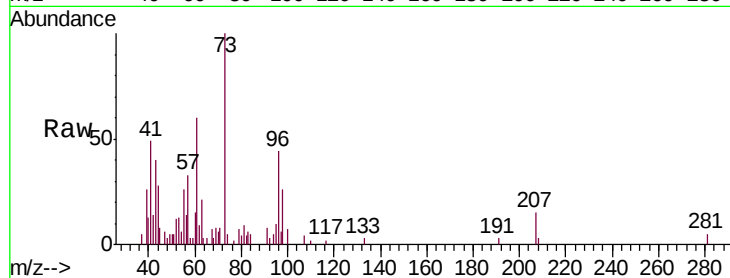




#19
Methyl tert-butyl Ether
Concen: 73.199 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.01 min
Lab File: VW005889.D
Acq: 08 Oct 2018 11:49

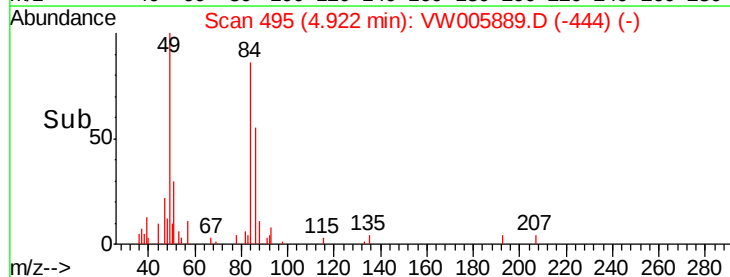
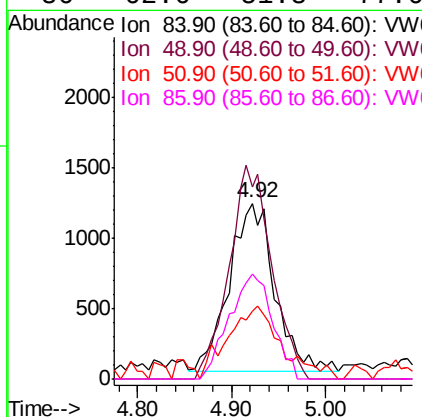
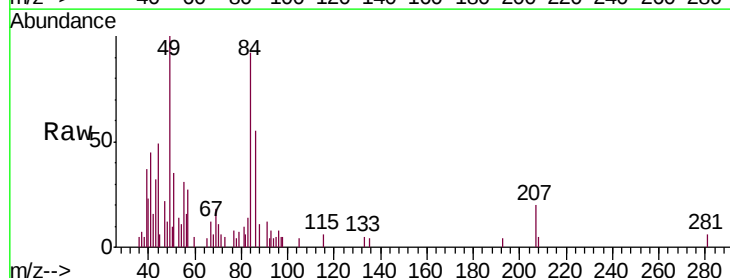
Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

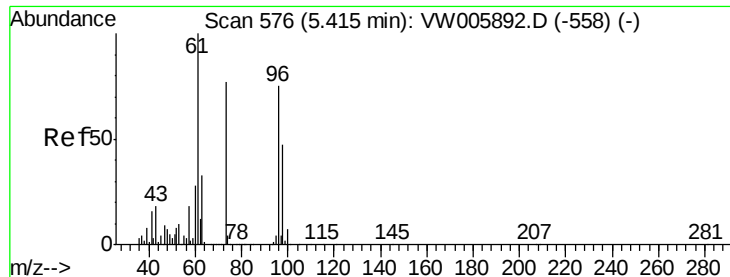
Tgt Ion: 73 Resp: 8853
Ion Ratio Lower Upper
73 100
57 24.0 17.7 26.5



#20
Methylene Chloride
Concen: 46.566 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW005889.D
Acq: 08 Oct 2018 11:49

Tgt Ion: 84 Resp: 3995
Ion Ratio Lower Upper
84 100
49 114.6 99.9 149.9
51 40.6 31.1 46.7
86 62.6 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 50.584 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.01 min

Lab File: VW005889.D

Acq: 08 Oct 2018 11:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

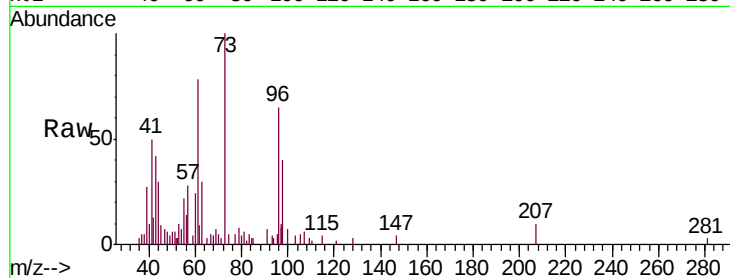
Tgt Ion: 96 Resp: 4286

Ion Ratio Lower Upper

96 100

61 126.2 107.4 161.0

98 60.4 50.8 76.2

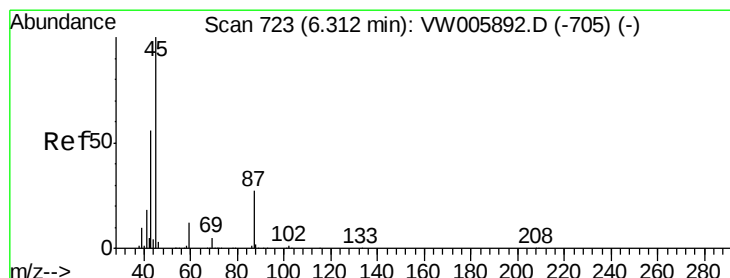
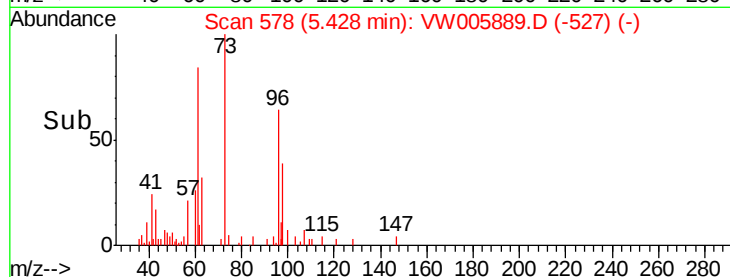
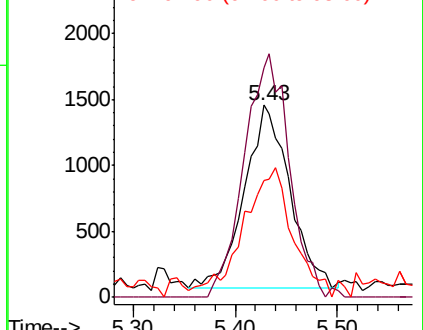


Abundance

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: 46.916 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.00 min

Lab File: VW005889.D

Acq: 08 Oct 2018 11:49

Tgt Ion: 45 Resp: 11627

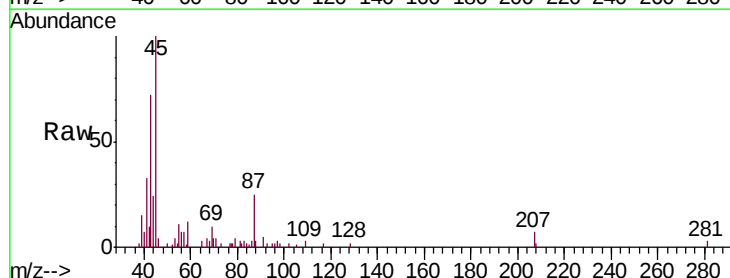
Ion Ratio Lower Upper

45 100

43 57.5 45.9 68.9

87 25.9 22.2 33.4

59 12.3 9.4 14.0



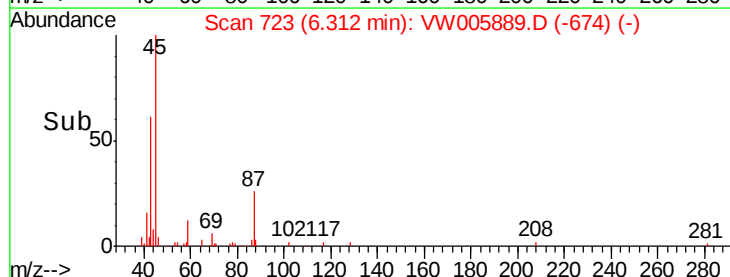
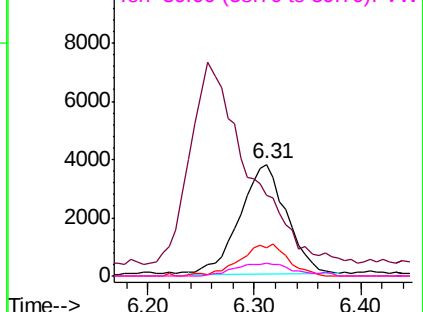
Abundance

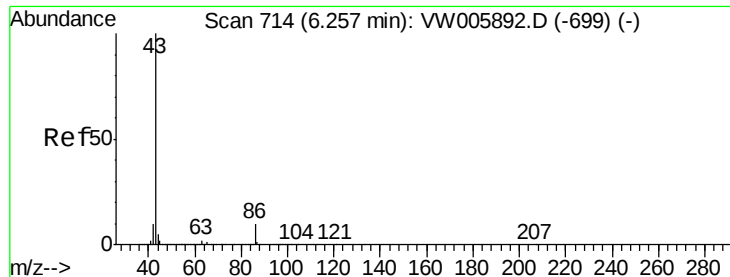
Ion 45.00 (44.70 to 45.70): VW

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

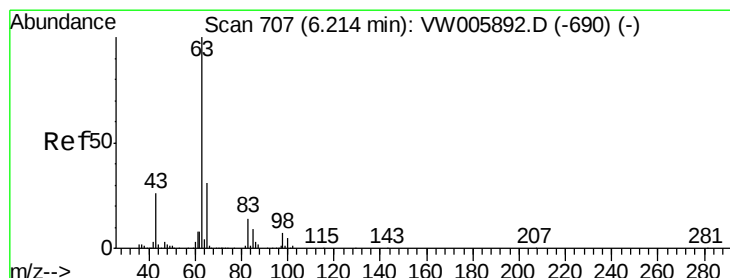
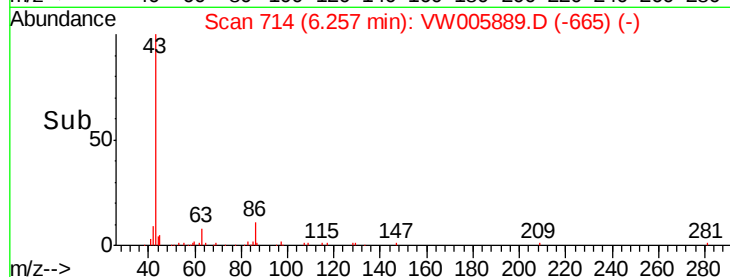
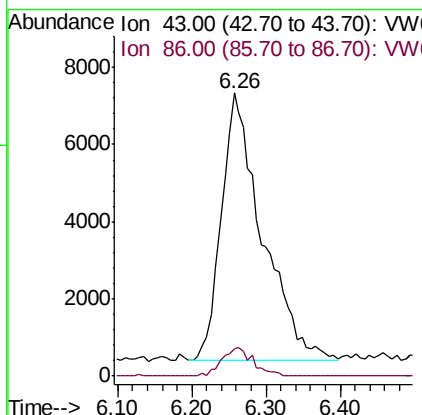
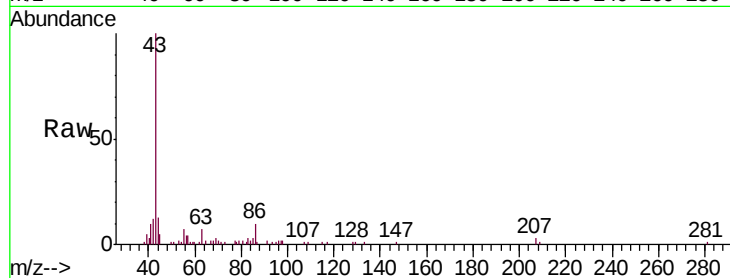




#23
 Vinyl Acetate
 Concen: 173.902 ug/l
 RT: 6.26 min Scan# 714
 Delta R.T. 0.00 min
 Lab File: VW005889.D
 Acq: 08 Oct 2018 11:49

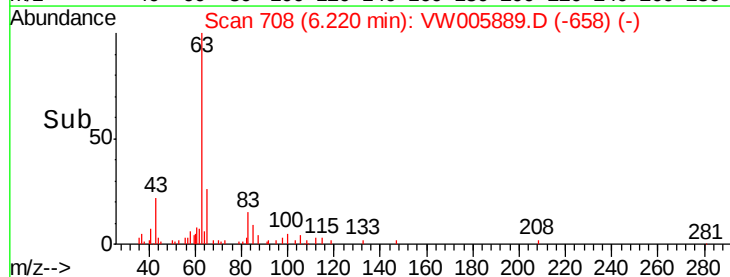
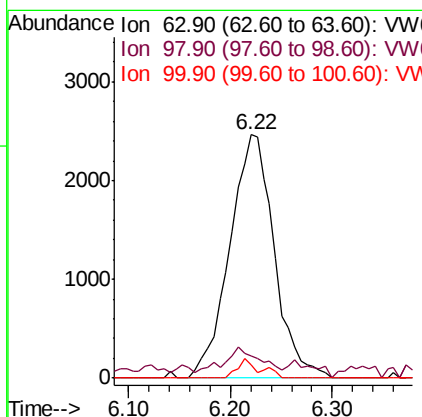
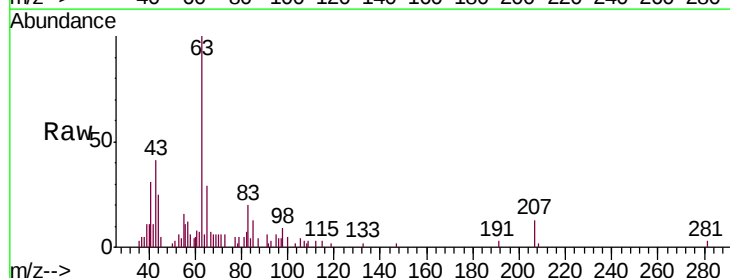
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 43 Resp: 26526
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 49.143 ug/l
 RT: 6.22 min Scan# 708
 Delta R.T. 0.01 min
 Lab File: VW005889.D
 Acq: 08 Oct 2018 11:49

Tgt Ion: 63 Resp: 7453
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.5 10.6
 100 5.4 2.4 7.1





#25

2-Butanone

Concen: 203.115 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW005889.D

Acq: 08 Oct 2018 11:49

Instrument :

MSVOA_W

ClientSampleId :

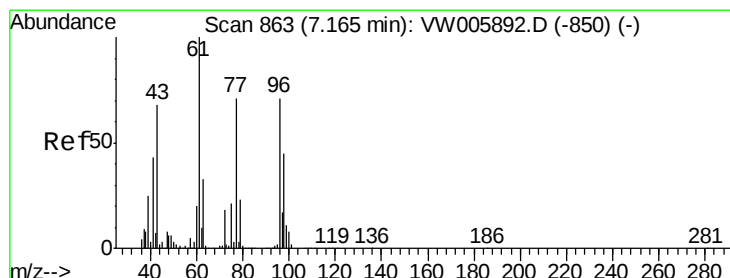
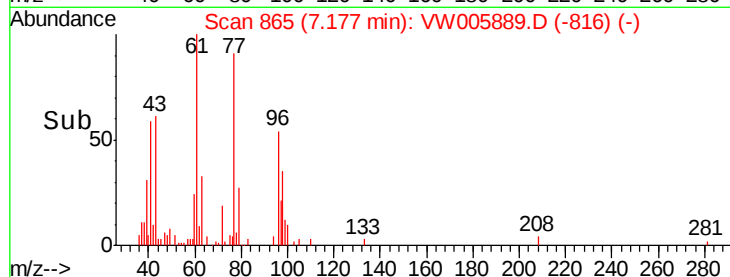
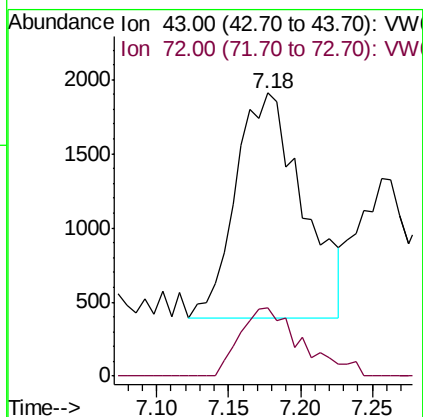
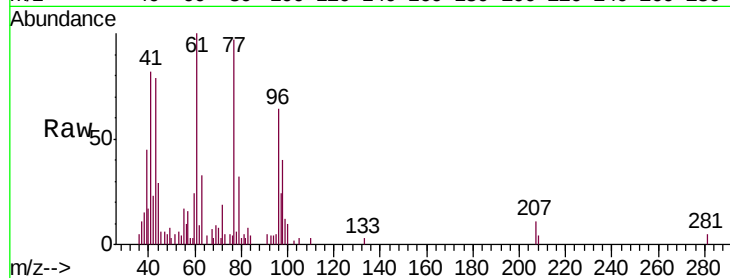
VSTDICCC050

Tgt Ion: 43 Resp: 4947

Ion Ratio Lower Upper

43 100

72 30.2 21.0 31.4



#26

2,2-Dichloropropane

Concen: 63.035 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW005889.D

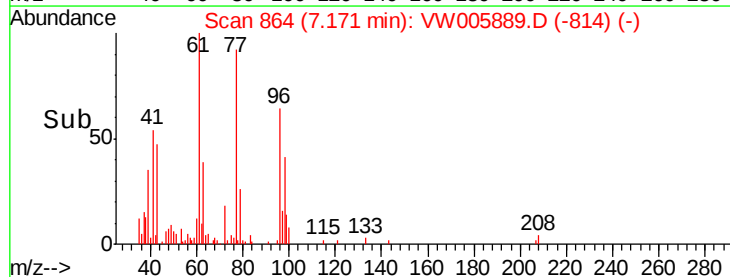
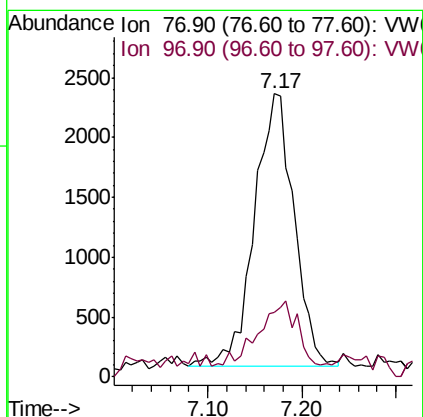
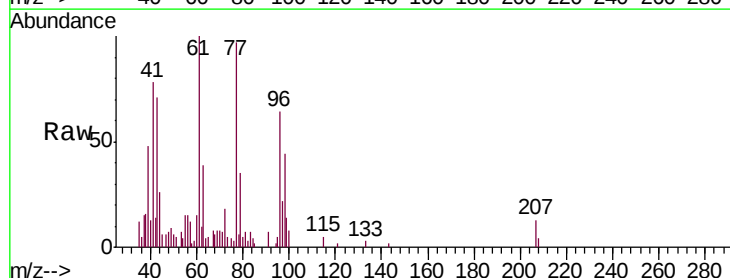
Acq: 08 Oct 2018 11:49

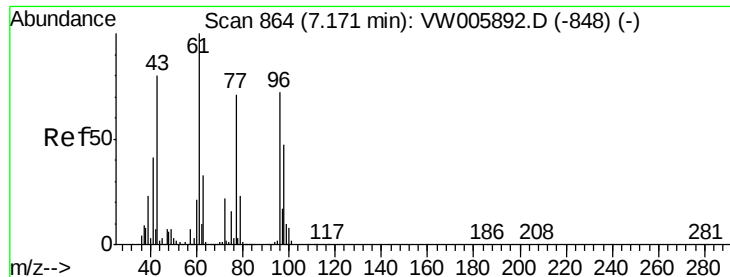
Tgt Ion: 77 Resp: 6728

Ion Ratio Lower Upper

77 100

97 25.2 11.9 35.7



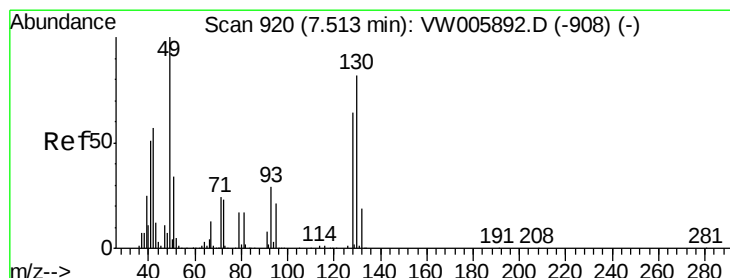
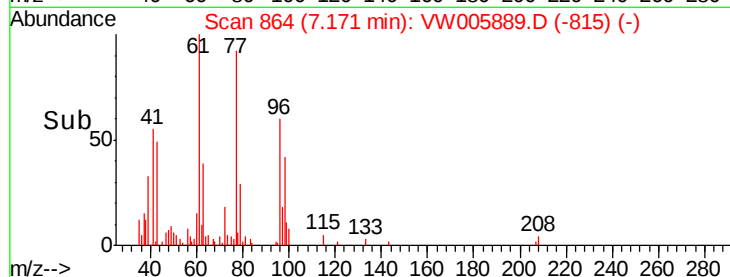
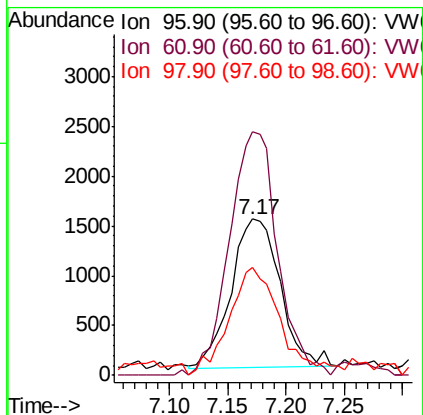
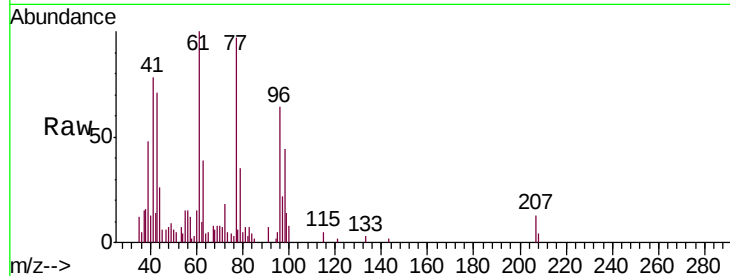


#27

cis-1,2-Dichloroethene
Concen: 45.720 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW005889.D
Acq: 08 Oct 2018 11:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

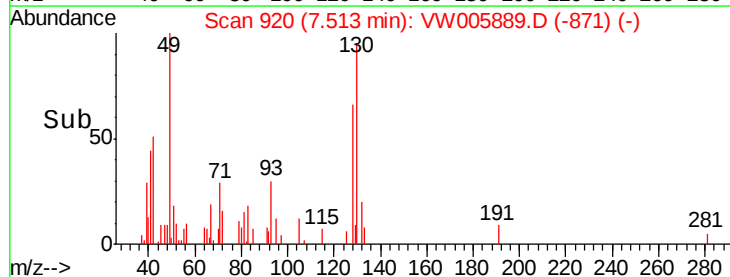
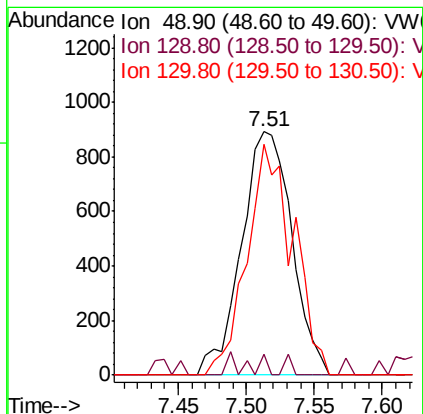
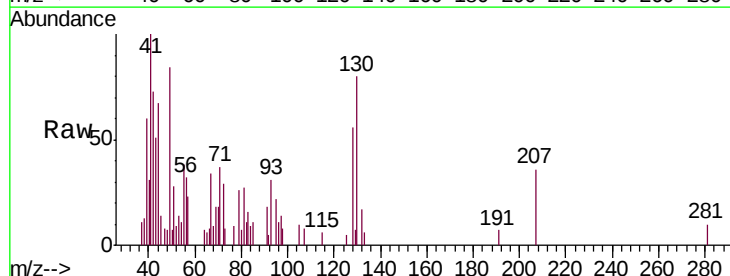
Tgt Ion: 96 Resp: 4381
Ion Ratio Lower Upper
96 100
61 160.7 0.0 284.0
98 76.6 0.0 129.8

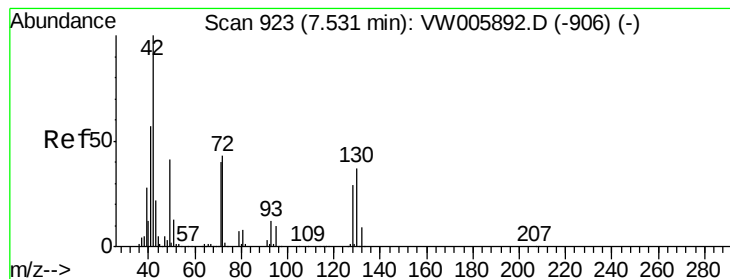


#28

Bromochloromethane
Concen: 41.371 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW005889.D
Acq: 08 Oct 2018 11:49

Tgt Ion: 49 Resp: 2316
Ion Ratio Lower Upper
49 100
129 1.2 0.0 5.0
130 86.9 66.9 100.3





#29

Tetrahydrofuran

Concen: 174.718 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.01 min

Lab File: VW005889.D

Acq: 08 Oct 2018 11:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

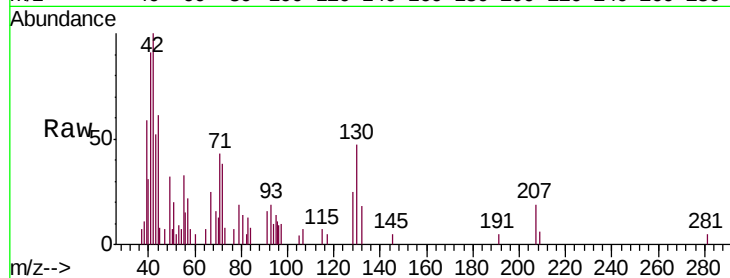
Tgt Ion: 42 Resp: 2690

Ion Ratio Lower Upper

42 100

72 48.0 34.6 51.8

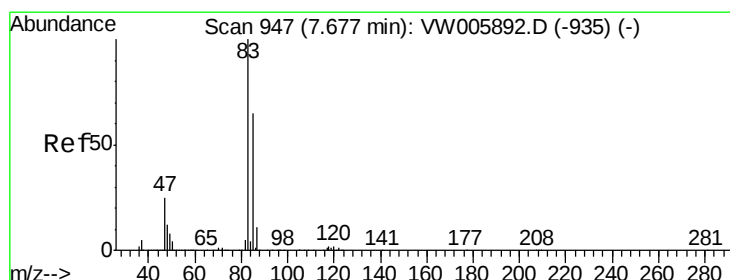
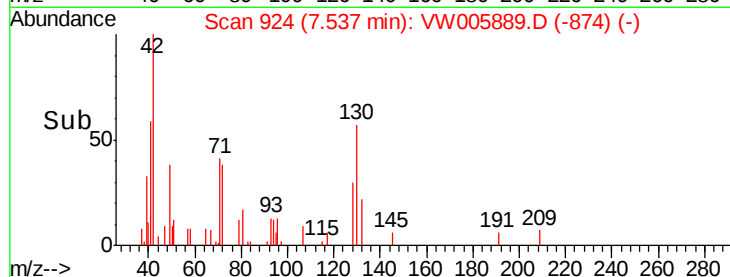
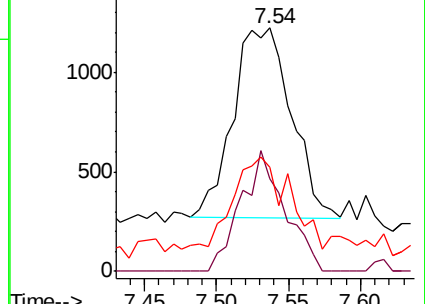
71 42.3 32.6 49.0



Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW



#30

Chloroform

Concen: 47.446 ug/l

RT: 7.68 min Scan# 947

Delta R.T. -0.00 min

Lab File: VW005889.D

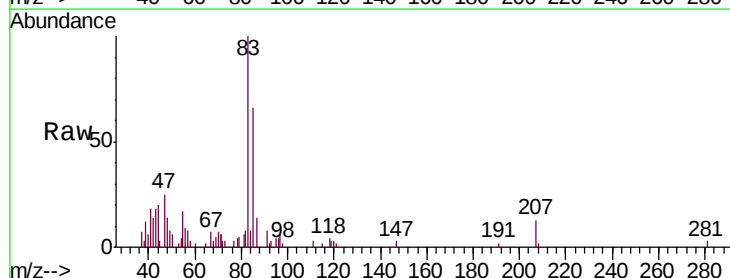
Acq: 08 Oct 2018 11:49

Tgt Ion: 83 Resp: 7391

Ion Ratio Lower Upper

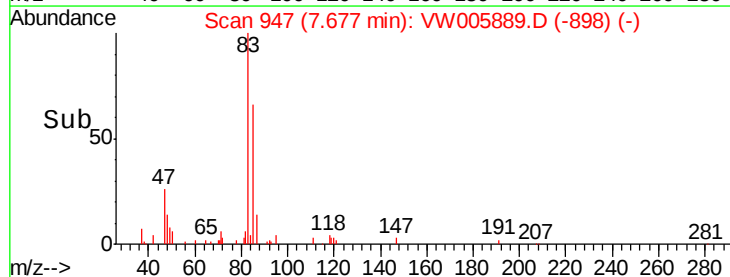
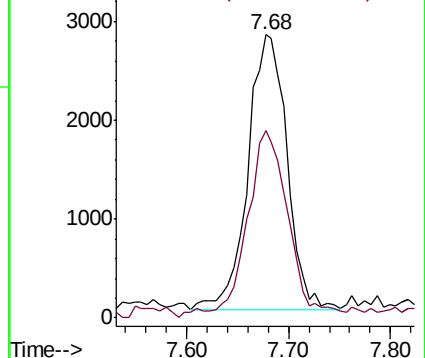
83 100

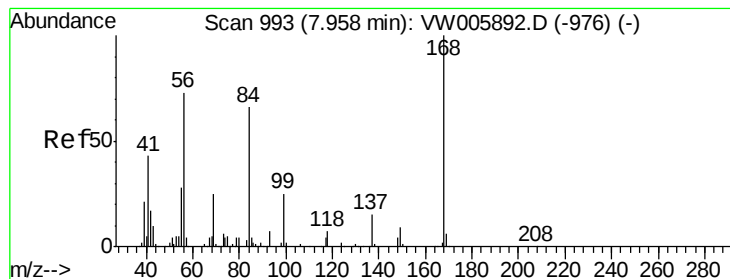
85 66.0 51.6 77.4



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW





#31

Cyclohexane

Concen: 51.058 ug/l

RT: 7.96 min Scan# 994

Delta R.T. 0.01 min

Lab File: VW005889.D

Acq: 08 Oct 2018 11:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

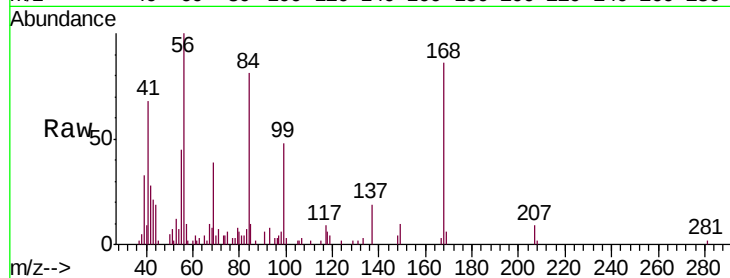
Tgt Ion: 56 Resp: 7663

Ion Ratio Lower Upper

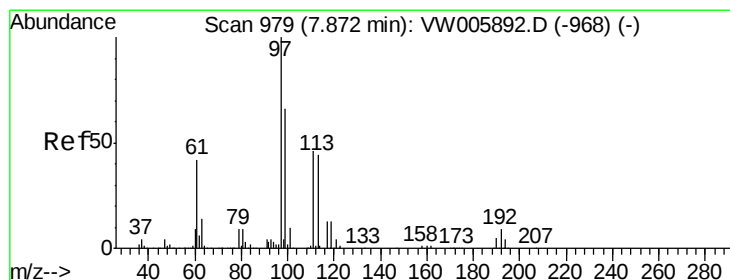
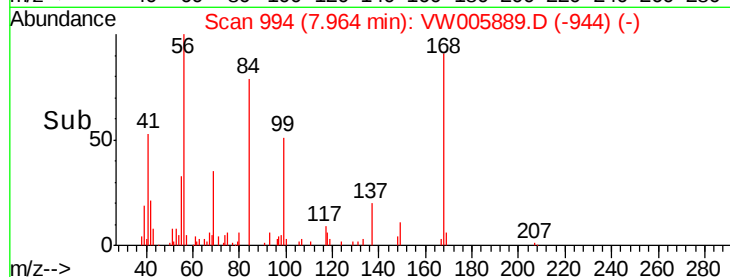
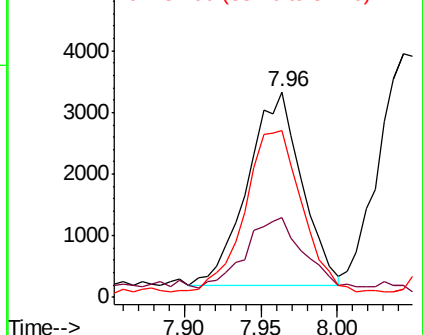
56 100

69 34.7 27.9 41.9

84 82.3 72.3 108.5



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



#32

1,1,1-Trichloroethane

Concen: 56.160 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW005889.D

Acq: 08 Oct 2018 11:49

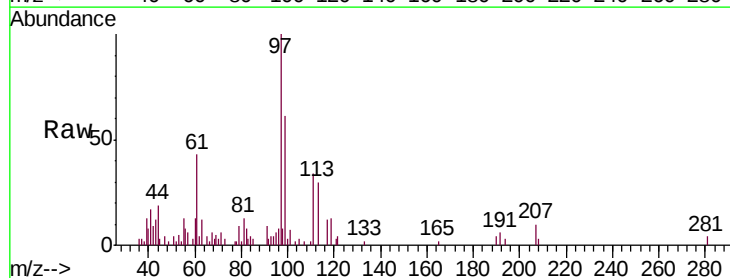
Tgt Ion: 97 Resp: 7791

Ion Ratio Lower Upper

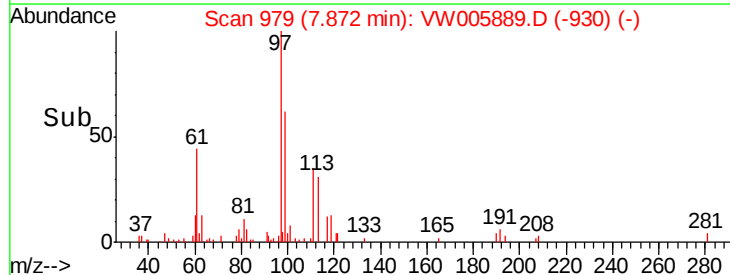
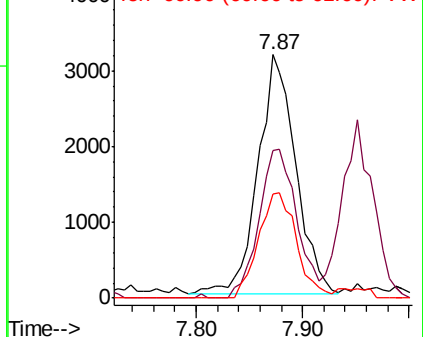
97 100

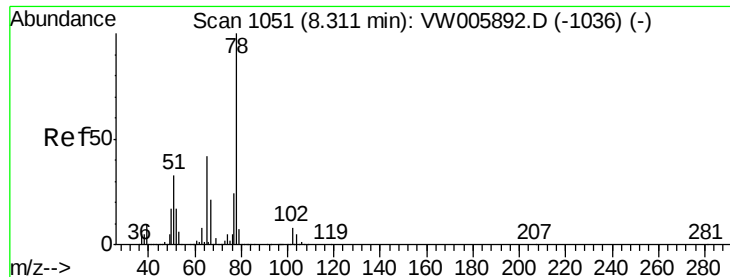
99 62.5 51.6 77.4

61 44.3 34.5 51.7



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

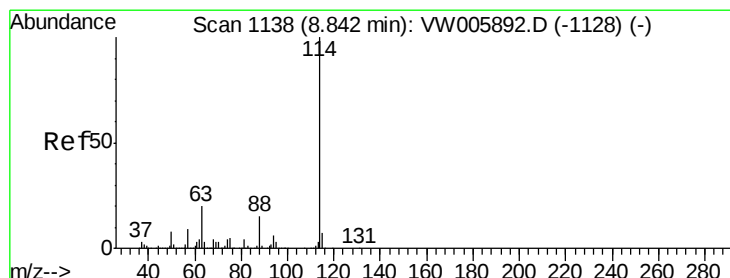
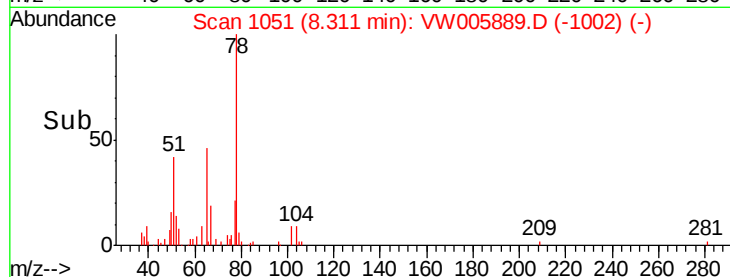
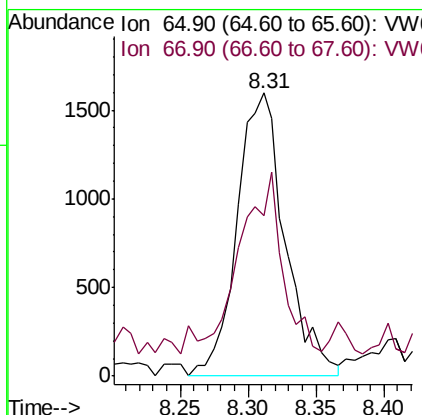
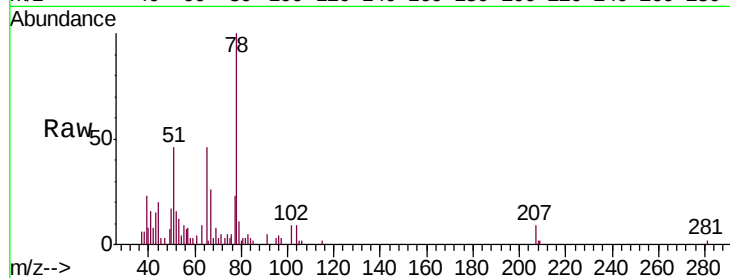




#33
 1,2-Dichloroethane-d4
 Concen: 46.029 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW005889.D
 Acq: 08 Oct 2018 11:49

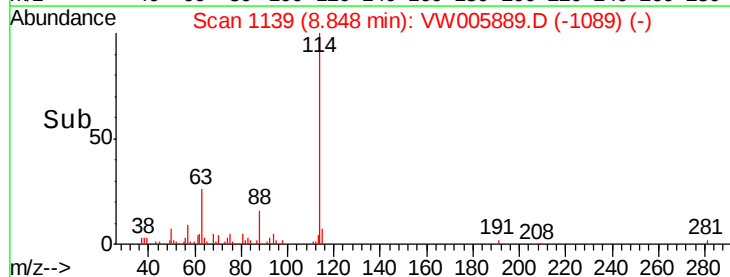
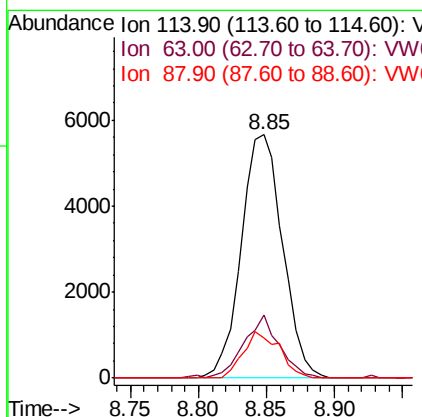
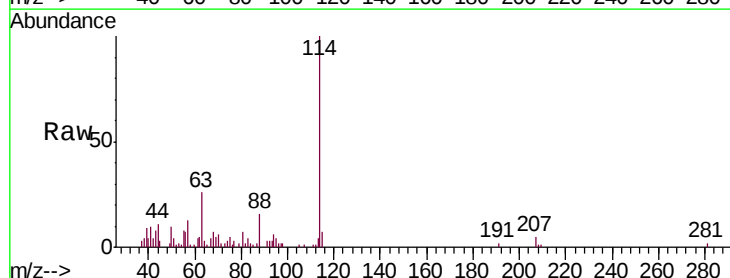
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

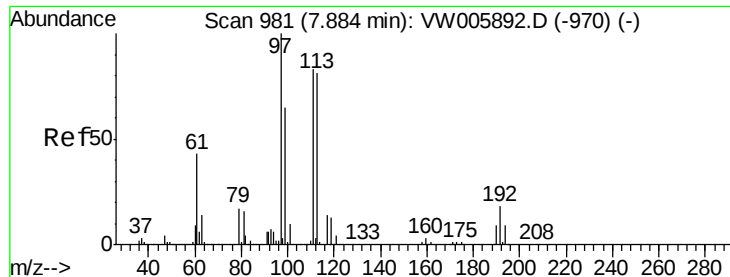
Tgt Ion: 65 Resp: 3946
 Ion Ratio Lower Upper
 65 100
 67 58.2 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW005889.D
 Acq: 08 Oct 2018 11:49

Tgt Ion: 114 Resp: 12040
 Ion Ratio Lower Upper
 114 100
 63 26.1 0.0 39.2
 88 16.4 0.0 30.8





#35

Dibromofluoromethane

Concen: 46.494 ug/l

RT: 7.90 min Scan# 983

Delta R.T. 0.01 min

Lab File: VW005889.D

Acq: 08 Oct 2018 11:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

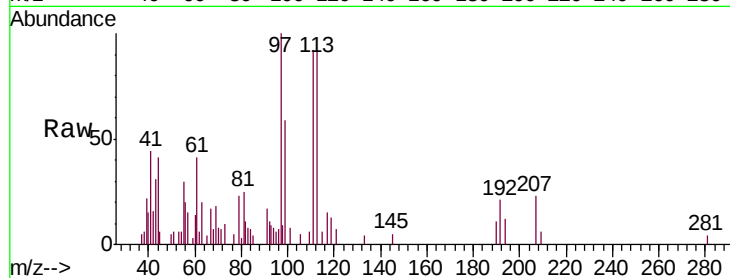
Tgt Ion:113 Resp: 3574

Ion Ratio Lower Upper

113 100

111 109.4 82.0 123.0

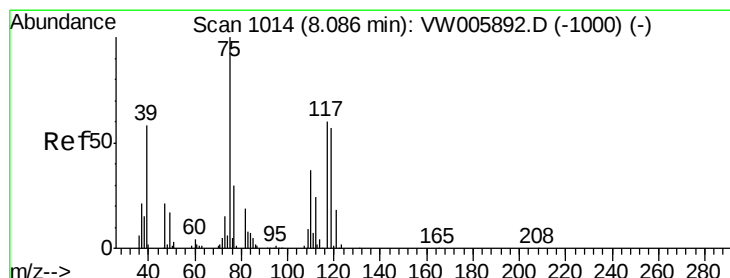
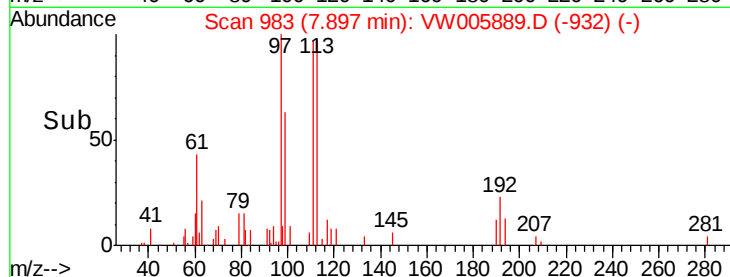
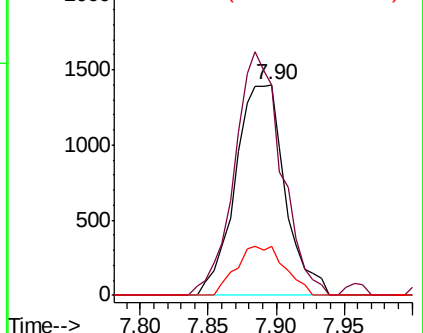
192 22.9 18.3 27.5



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 53.343 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. 0.00 min

Lab File: VW005889.D

Acq: 08 Oct 2018 11:49

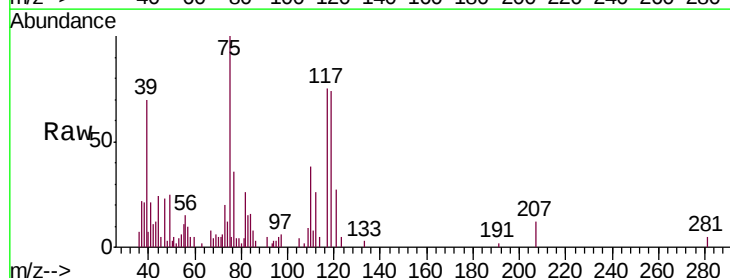
Tgt Ion: 75 Resp: 6154

Ion Ratio Lower Upper

75 100

110 41.1 18.6 56.0

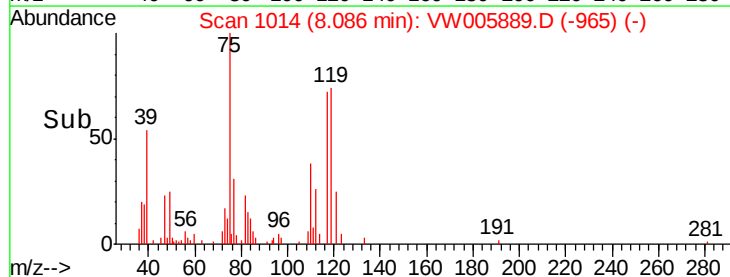
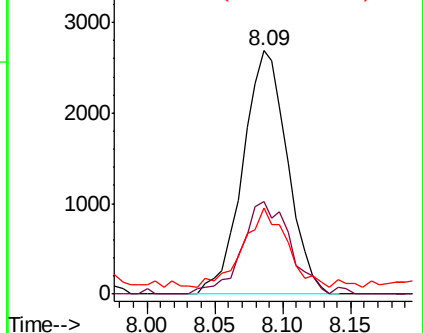
77 31.7 24.7 37.1



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

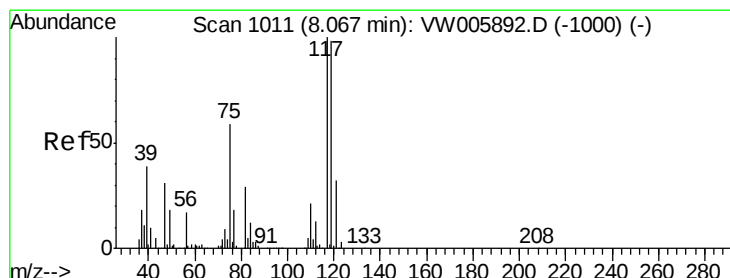
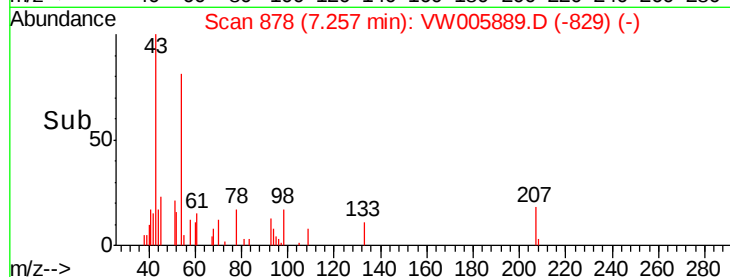
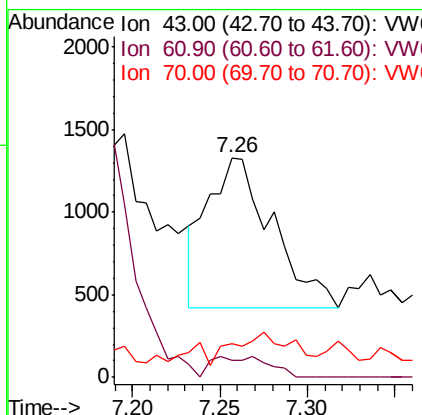
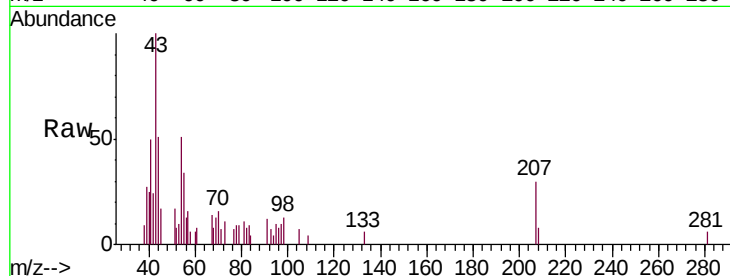




#37
Ethyl Acetate
Concen: 47.938 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW005889.D
Acq: 08 Oct 2018 11:49

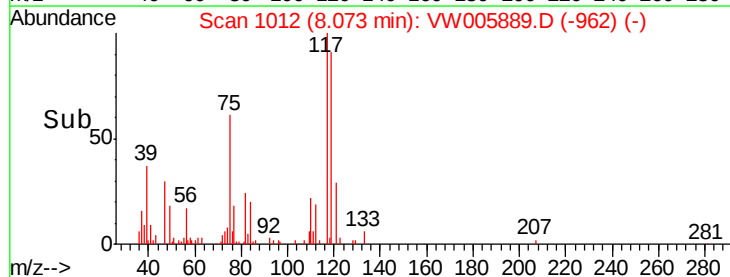
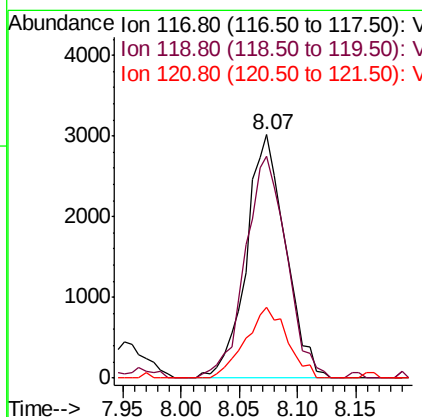
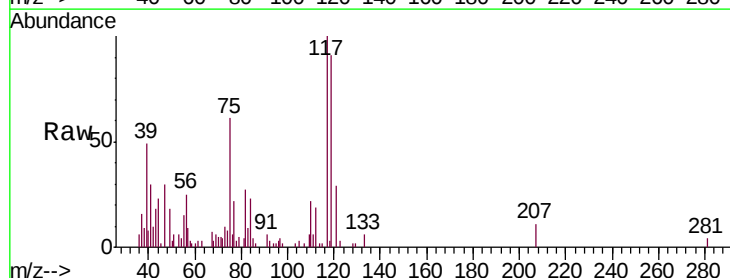
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

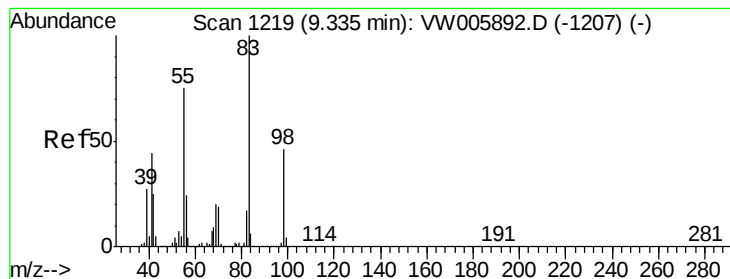
Tgt Ion: 43 Resp: 2342
Ion Ratio Lower Upper
43 100
61 12.0 10.6 16.0
70 5.7 8.6 13.0#



#38
Carbon Tetrachloride
Concen: 56.992 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VW005889.D
Acq: 08 Oct 2018 11:49

Tgt Ion: 117 Resp: 7064
Ion Ratio Lower Upper
117 100
119 91.2 78.6 117.8
121 29.1 25.3 37.9





#39

Methylcyclohexane

Concen: 56.767 ug/l

RT: 9.34 min Scan# 1219

Delta R.T. 0.00 min

Lab File: VW005889.D

Acq: 08 Oct 2018 11:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

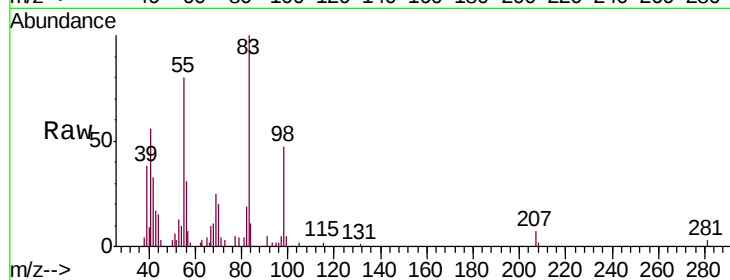
Tgt Ion: 83 Resp: 8638

Ion Ratio Lower Upper

83 100

55 73.1 59.8 89.6

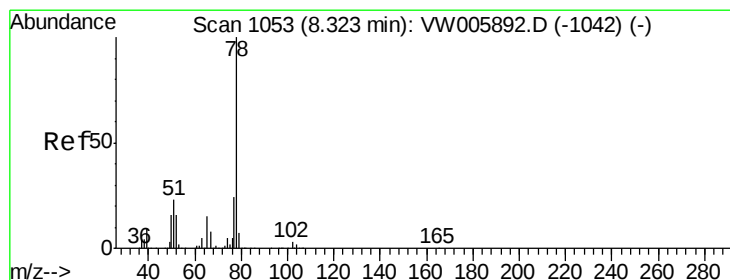
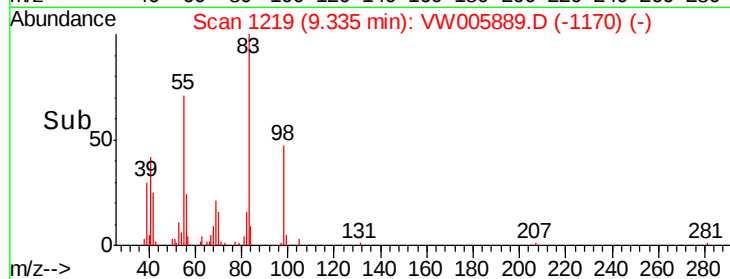
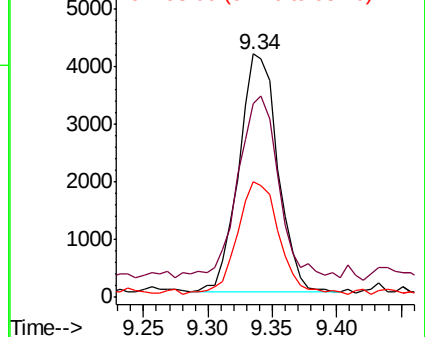
98 46.4 37.1 55.7



Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW



#40

Benzene

Concen: 52.734 ug/l

RT: 8.33 min Scan# 1054

Delta R.T. 0.01 min

Lab File: VW005889.D

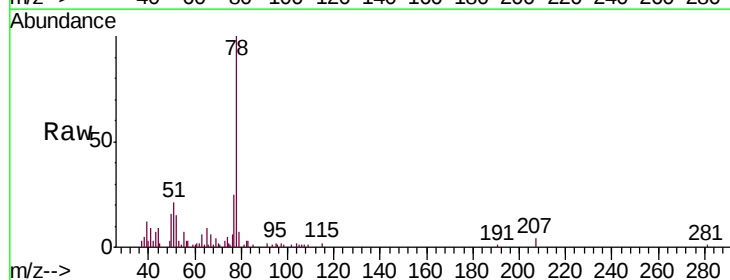
Acq: 08 Oct 2018 11:49

Tgt Ion: 78 Resp: 16651

Ion Ratio Lower Upper

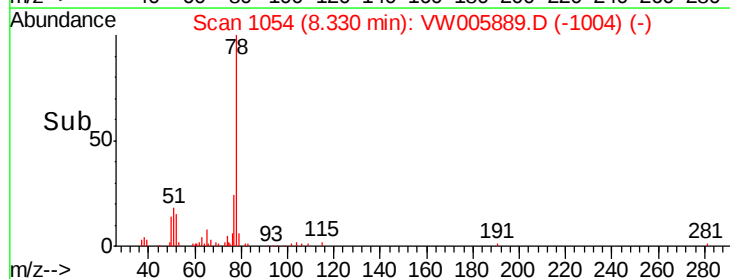
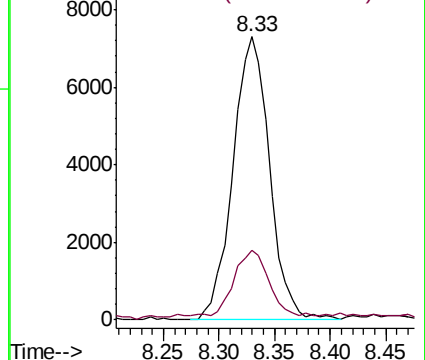
78 100

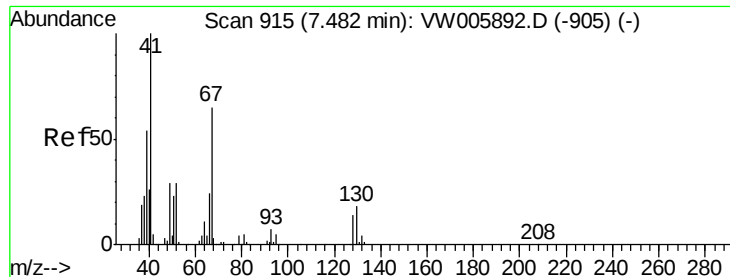
77 23.3 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VW

Ion 77.00 (76.70 to 77.70): VW

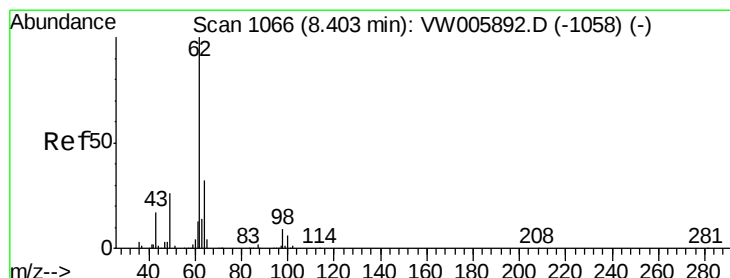
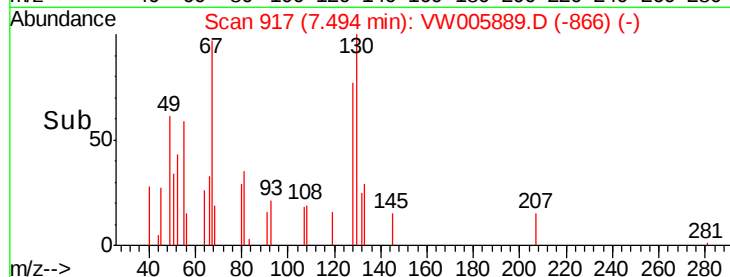
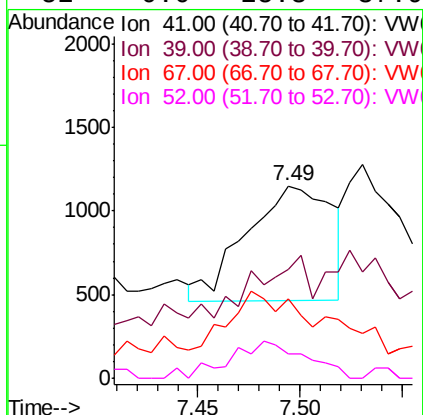
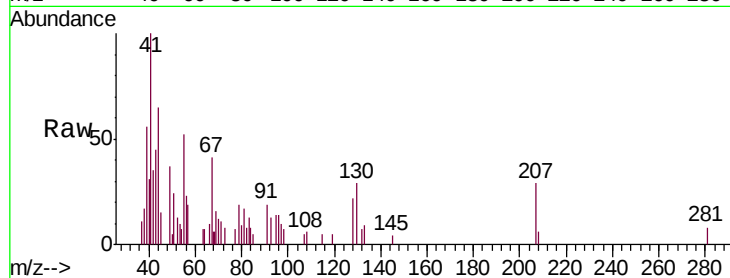




#41
Methacrylonitrile
Concen: 65.291 ug/l
RT: 7.49 min Scan# 917
Delta R.T. 0.01 min
Lab File: VW005889.D
Acq: 08 Oct 2018 11:49

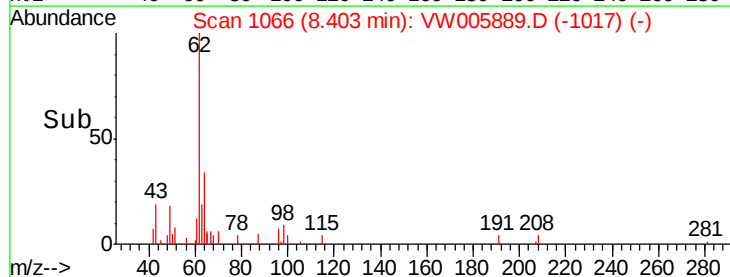
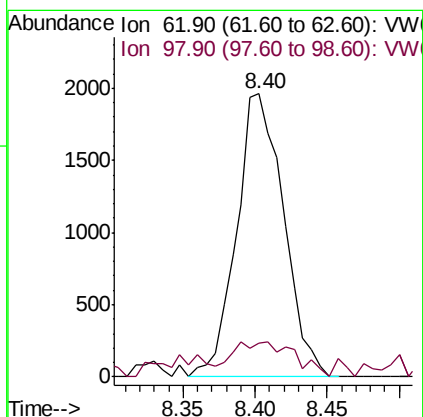
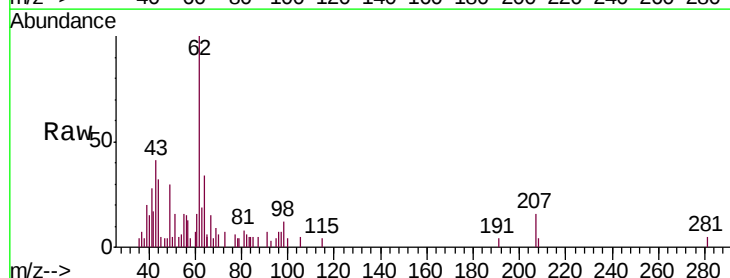
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

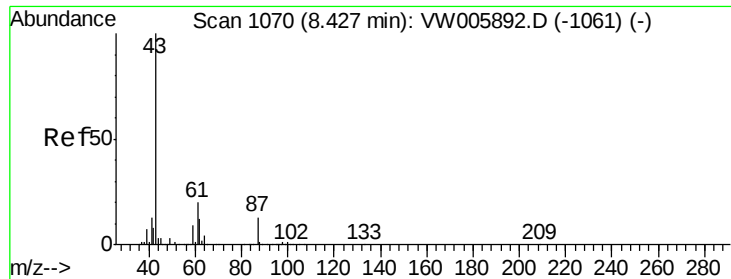
Tgt Ion:	41	Resp:	1997
Ion	Ratio	Lower	Upper
41	100		
39	38.5	45.0	67.4#
67	0.0	55.8	83.8#
52	0.0	25.3	37.9#



#42
1,2-Dichloroethane
Concen: 46.575 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW005889.D
Acq: 08 Oct 2018 11:49

Tgt Ion:	62	Resp:	4443
Ion	Ratio	Lower	Upper
62	100		
98	16.3	0.0	18.0

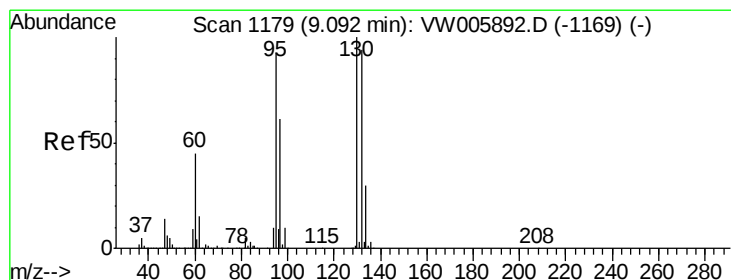
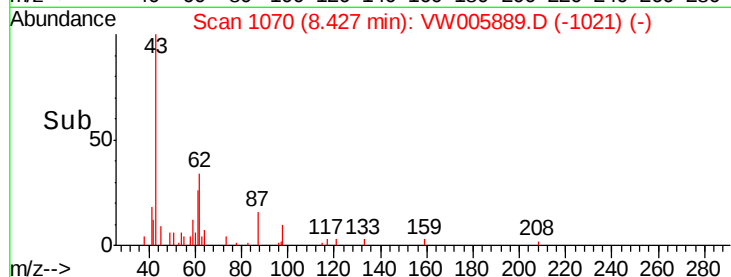
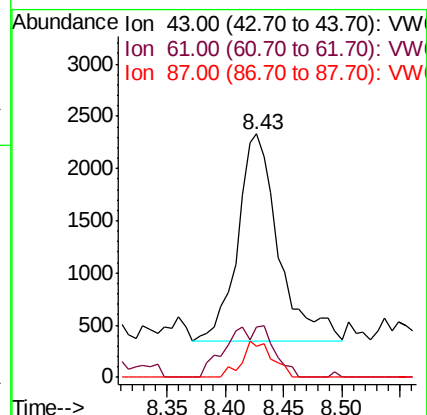
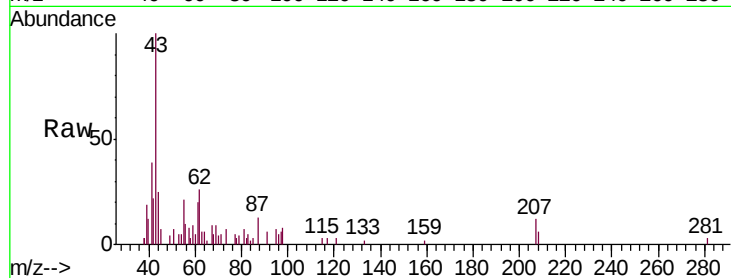




#43
Isopropyl Acetate
Concen: 47.436 ug/l
RT: 8.43 min Scan# 1070
Delta R.T. 0.00 min
Lab File: VW005889.D
Acq: 08 Oct 2018 11:49

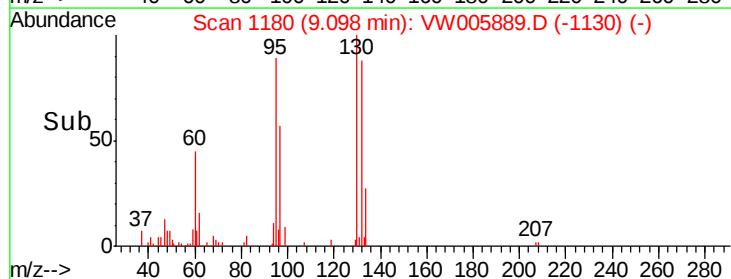
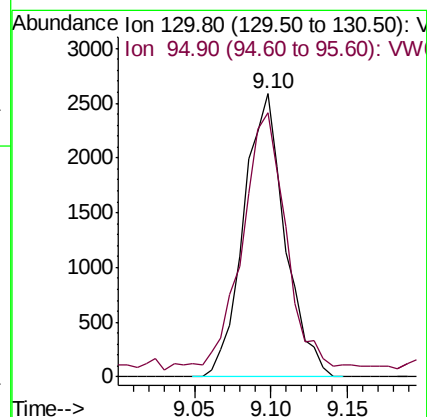
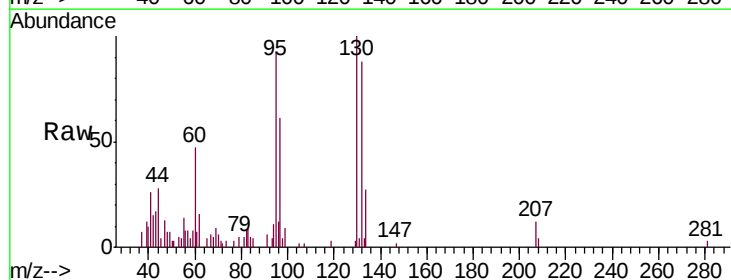
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

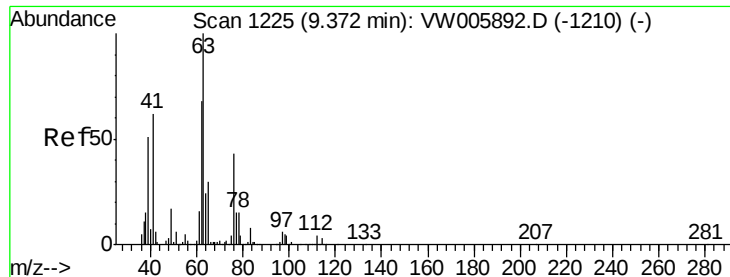
Tgt Ion: 43 Resp: 4841
Ion Ratio Lower Upper
43 100
61 16.2 23.1 34.7#
87 12.8 10.7 16.1



#44
Trichloroethene
Concen: 53.049 ug/l
RT: 9.10 min Scan# 1180
Delta R.T. 0.01 min
Lab File: VW005889.D
Acq: 08 Oct 2018 11:49

Tgt Ion: 130 Resp: 4860
Ion Ratio Lower Upper
130 100
95 89.1 0.0 185.6

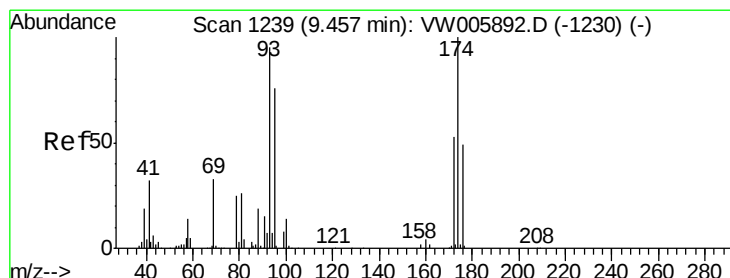
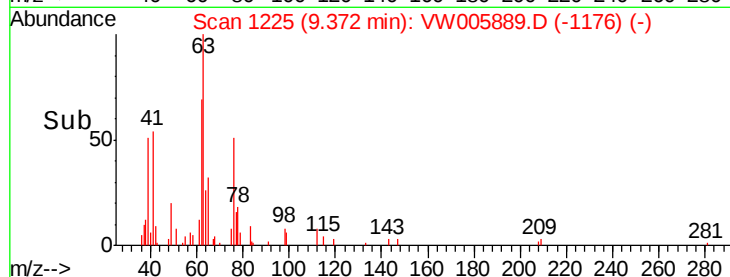
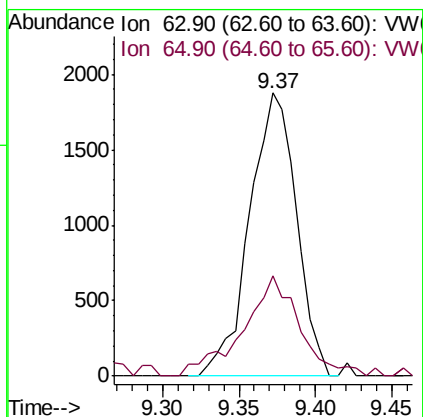
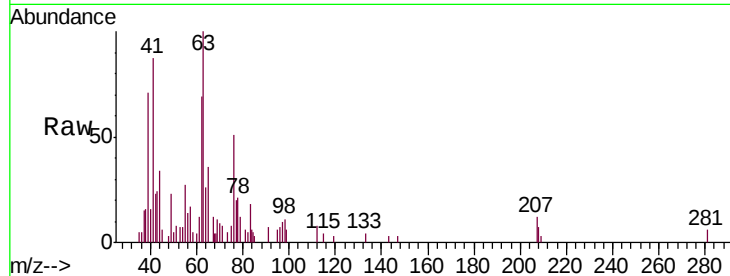




#45
 1,2-Dichloropropane
 Concen: 50.660 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW005889.D
 Acq: 08 Oct 2018 11:49

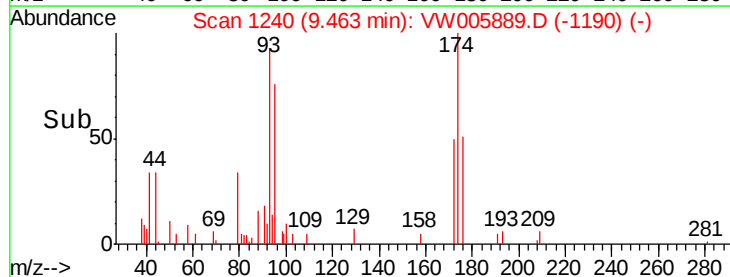
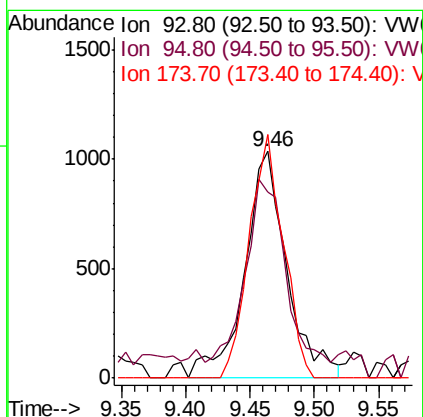
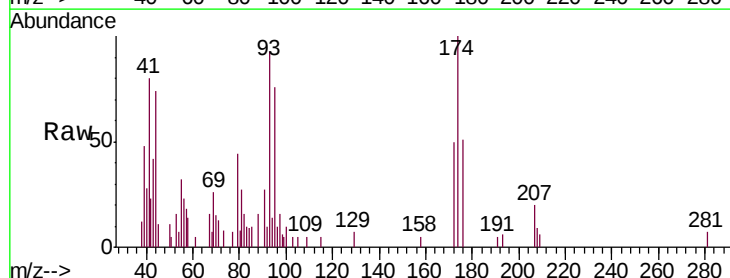
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 63 Resp: 4004
 Ion Ratio Lower Upper
 63 100
 65 32.7 24.3 36.5



#46
 Dibromomethane
 Concen: 53.800 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.01 min
 Lab File: VW005889.D
 Acq: 08 Oct 2018 11:49

Tgt Ion: 93 Resp: 2337
 Ion Ratio Lower Upper
 93 100
 95 74.1 66.6 99.8
 174 86.7 90.4 135.6#





#47

Bromodichloromethane

Concen: 50.370 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW005889.D

Acq: 08 Oct 2018 11:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

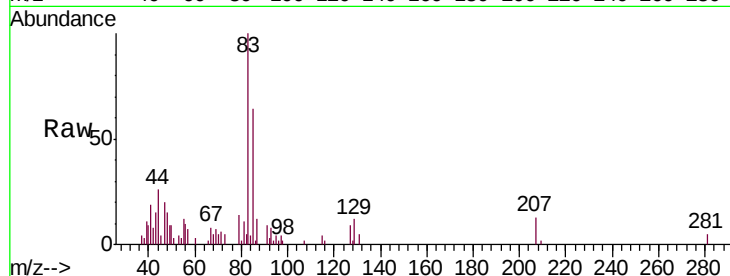
Tgt Ion: 83 Resp: 5506

Ion Ratio Lower Upper

83 100

85 65.7 53.0 79.6

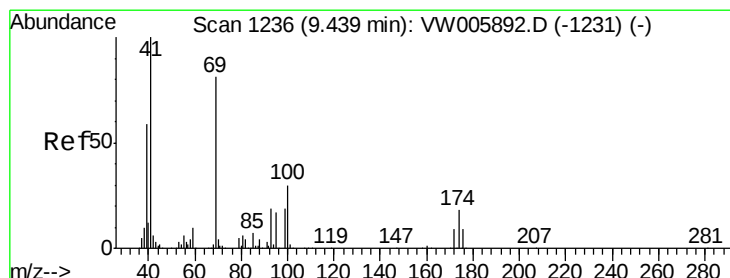
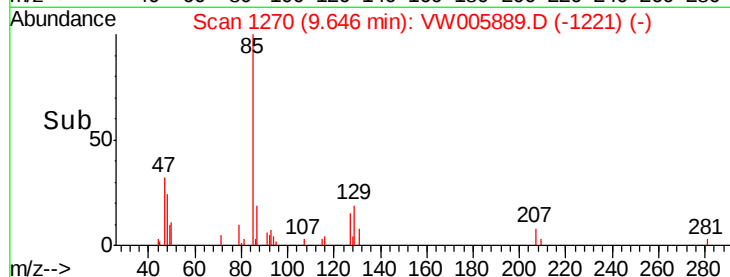
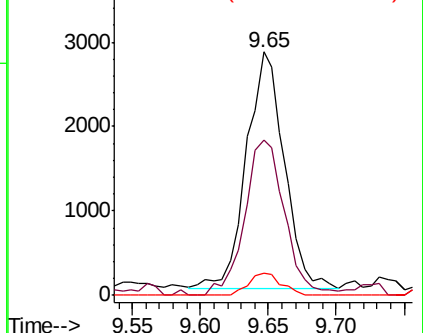
127 9.5 7.4 11.0



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): V



#48

Methyl methacrylate

Concen: 55.806 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. 0.01 min

Lab File: VW005889.D

Acq: 08 Oct 2018 11:49

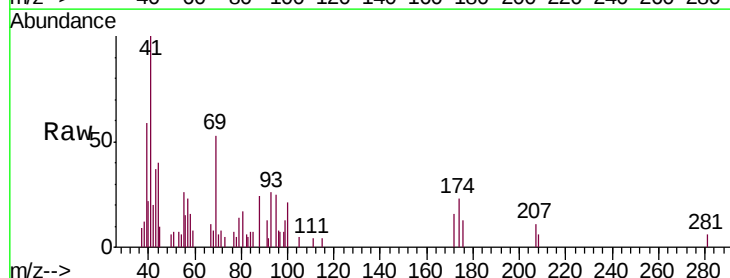
Tgt Ion: 41 Resp: 2713

Ion Ratio Lower Upper

41 100

69 69.0 68.7 103.1

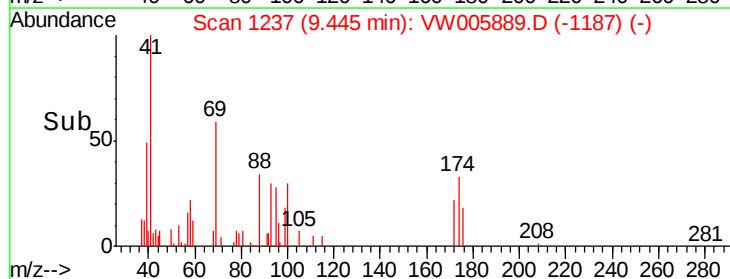
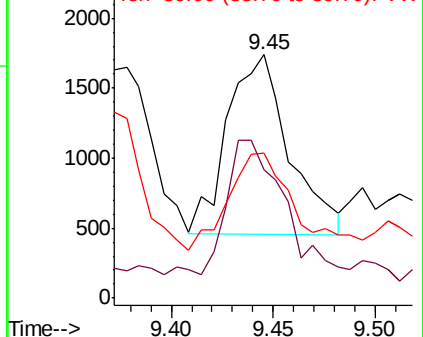
39 57.6 50.0 75.0

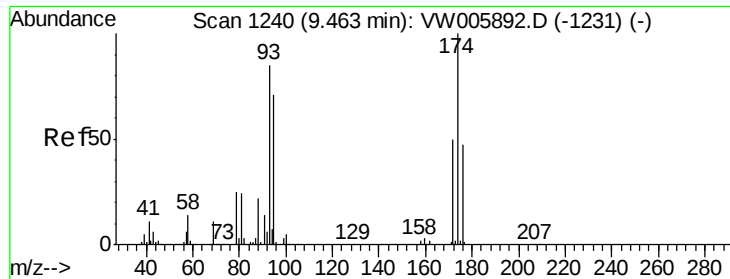


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

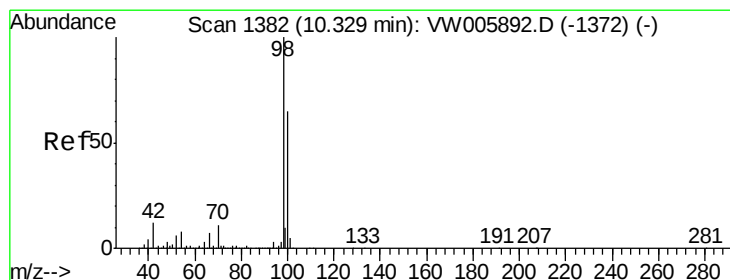
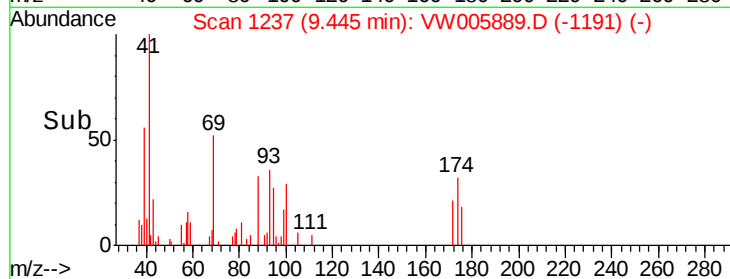
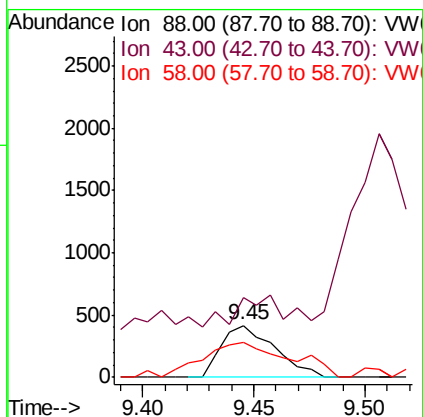
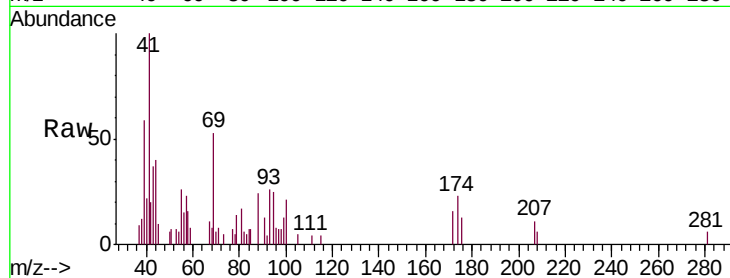




#49
1,4-Dioxane
Concen: 1045.737 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.02 min
Lab File: VW005889.D
Acq: 08 Oct 2018 11:49

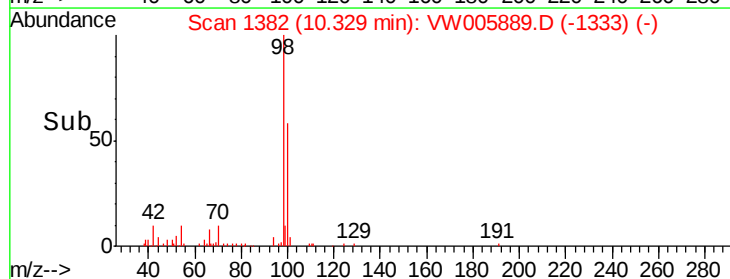
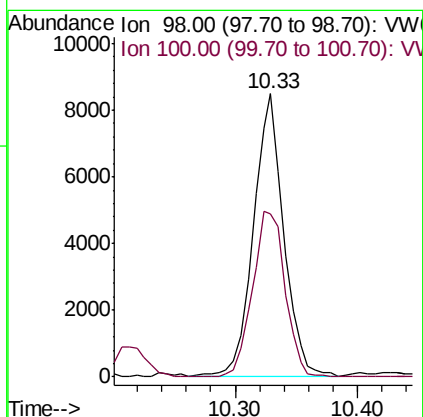
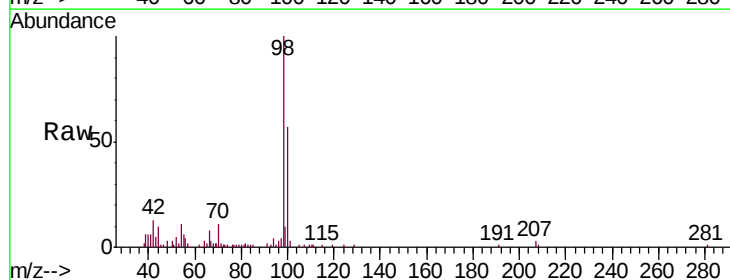
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion: 88 Resp: 690
Ion Ratio Lower Upper
88 100
43 62.0 0.0 0.0#
58 111.9 57.7 86.5#



#50
Toluene-d8
Concen: 49.602 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW005889.D
Acq: 08 Oct 2018 11:49

Tgt Ion: 98 Resp: 14670
Ion Ratio Lower Upper
98 100
100 62.9 51.9 77.9

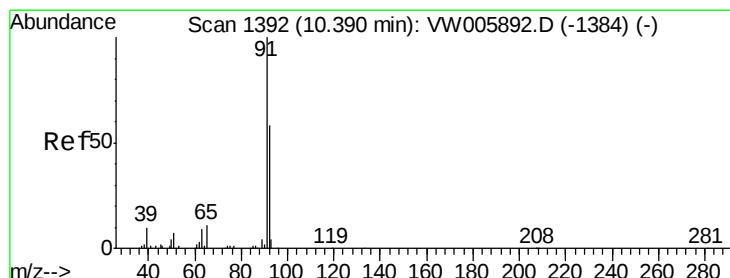
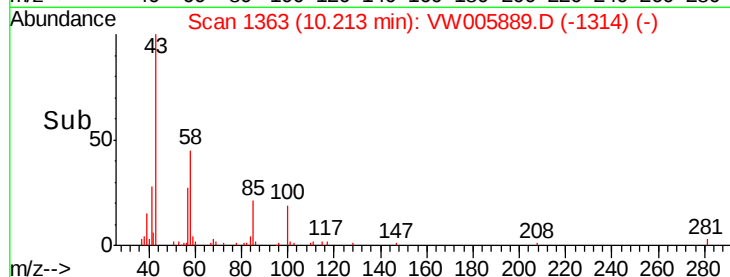
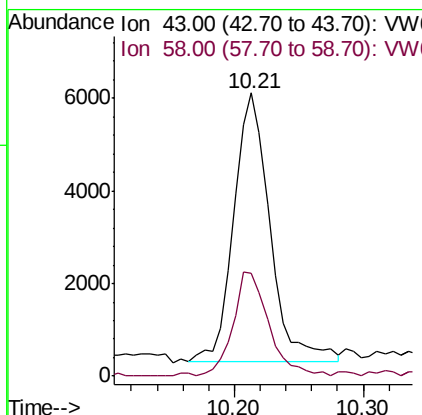
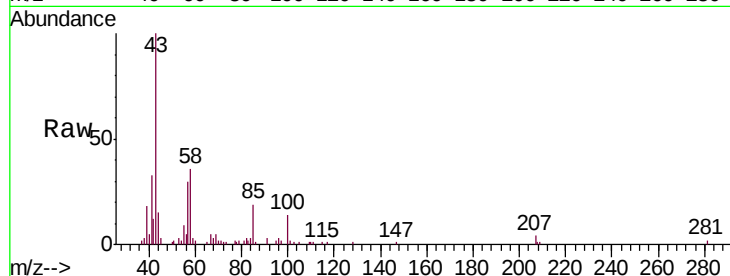




#51
 4-Methyl-2-Pentanone
 Concen: 225.752 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VW005889.D
 Acq: 08 Oct 2018 11:49

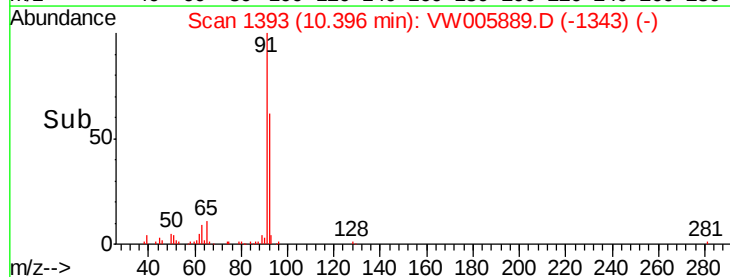
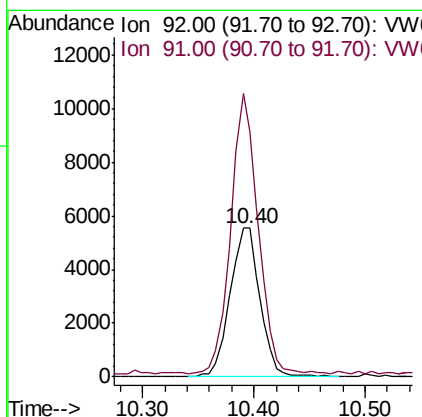
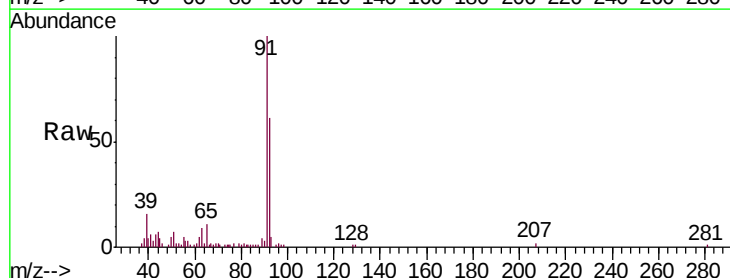
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

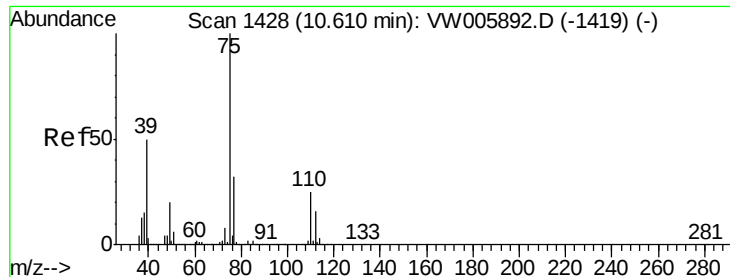
Tgt Ion: 43 Resp: 11219
 Ion Ratio Lower Upper
 43 100
 58 38.8 30.2 45.4



#52
 Toluene
 Concen: 49.784 ug/l
 RT: 10.40 min Scan# 1393
 Delta R.T. 0.01 min
 Lab File: VW005889.D
 Acq: 08 Oct 2018 11:49

Tgt Ion: 92 Resp: 10327
 Ion Ratio Lower Upper
 92 100
 91 170.9 138.2 207.4





#53

t-1,3-Dichloropropene

Concen: 39.787 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.01 min

Lab File: VW005889.D

Acq: 08 Oct 2018 11:49

Instrument :

MSVOA_W

ClientSampleId :

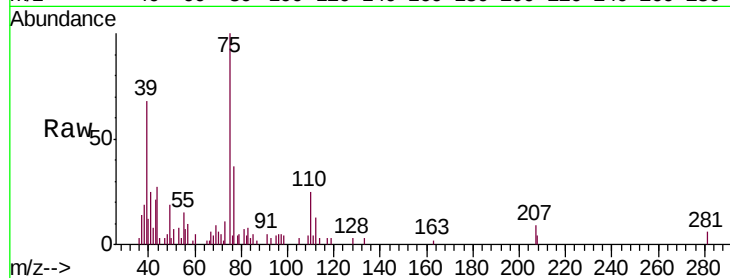
VSTDICCC050

Tgt Ion: 75 Resp: 4545

Ion Ratio Lower Upper

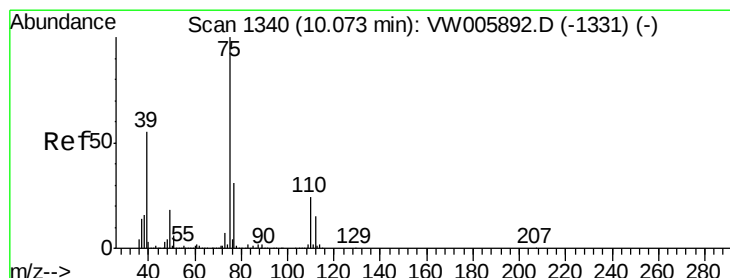
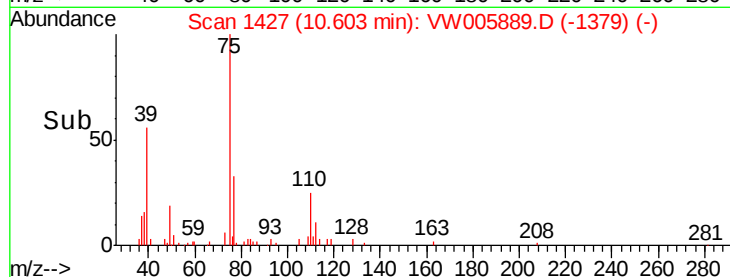
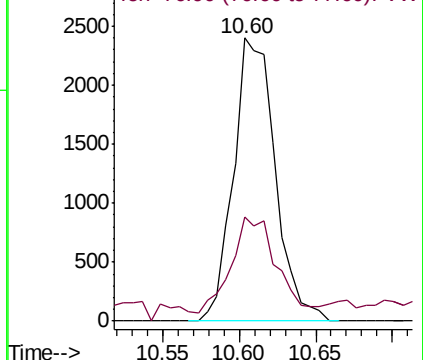
75 100

77 33.5 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



#54

cis-1,3-Dichloropropene

Concen: 46.032 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. 0.01 min

Lab File: VW005889.D

Acq: 08 Oct 2018 11:49

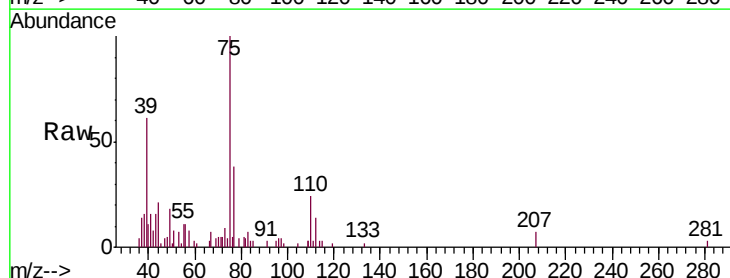
Tgt Ion: 75 Resp: 5911

Ion Ratio Lower Upper

75 100

77 34.4 24.6 37.0

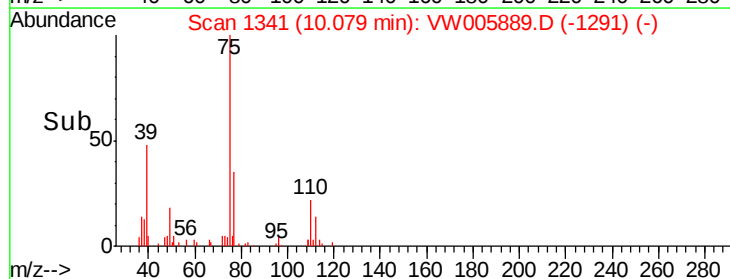
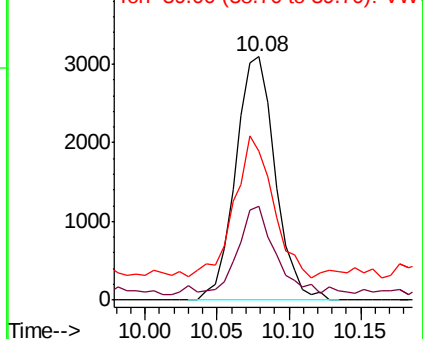
39 51.8 44.2 66.4



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

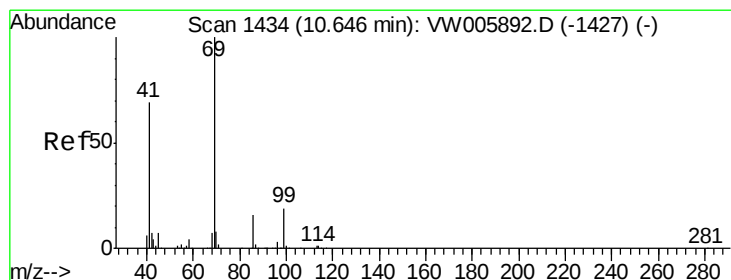
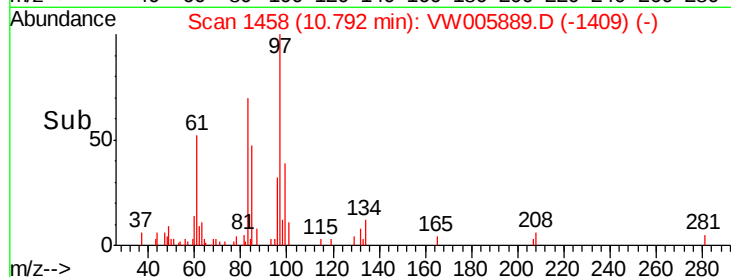
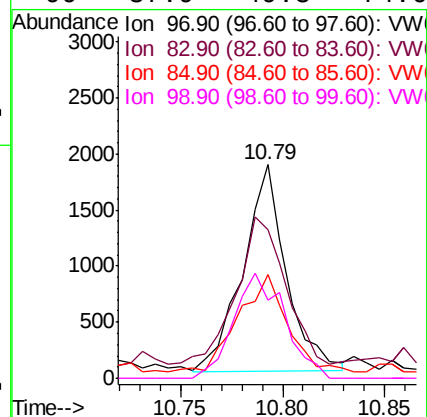
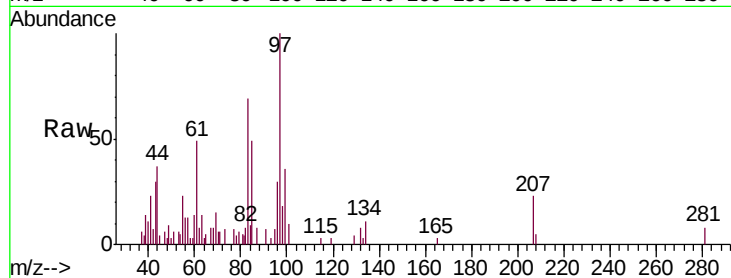




#55
 1,1,2-Trichloroethane
 Concen: 45.424 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: VW005889.D
 Acq: 08 Oct 2018 11:49

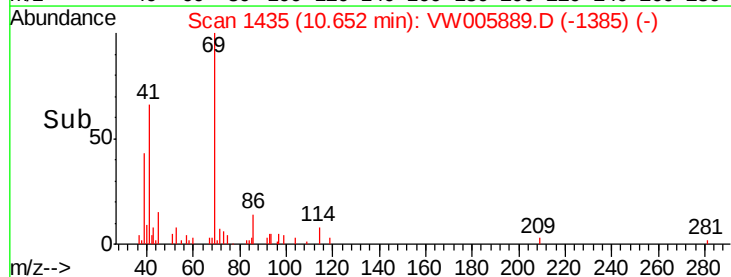
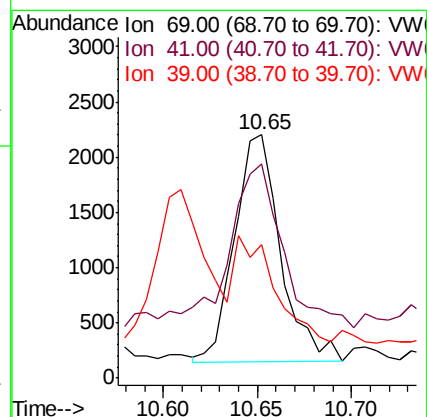
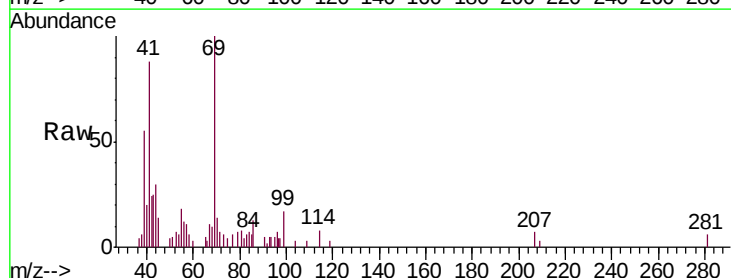
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion:	97	Resp:	2733
Ion	Ratio	Lower	Upper
97	100		
83	63.9	66.9	100.3#
85	45.6	43.4	65.0
99	37.9	49.8	74.6#



#56
 Ethyl methacrylate
 Concen: 43.099 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.01 min
 Lab File: VW005889.D
 Acq: 08 Oct 2018 11:49

Tgt Ion:	69	Resp:	3495
Ion	Ratio	Lower	Upper
69	100		
41	86.3	56.0	84.0#
39	40.6	33.5	50.3





#57

1,3-Dichloropropane

Concen: 45.436 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. 0.00 min

Lab File: VW005889.D

Acq: 08 Oct 2018 11:49

Instrument :

MSVOA_W

ClientSampleId :

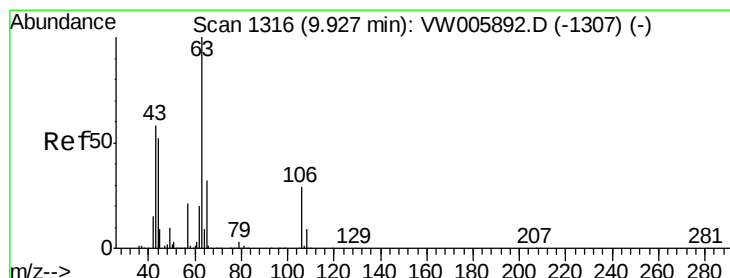
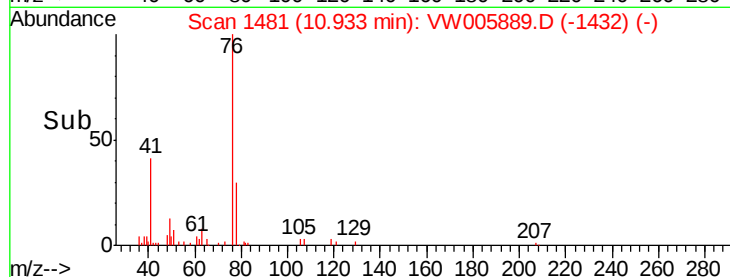
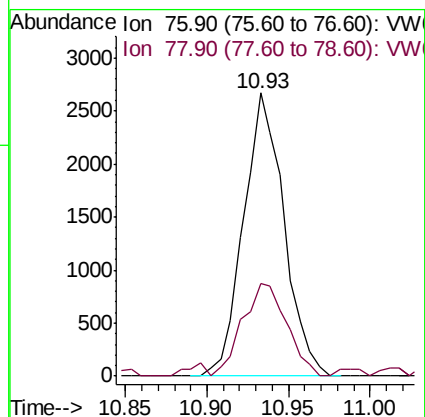
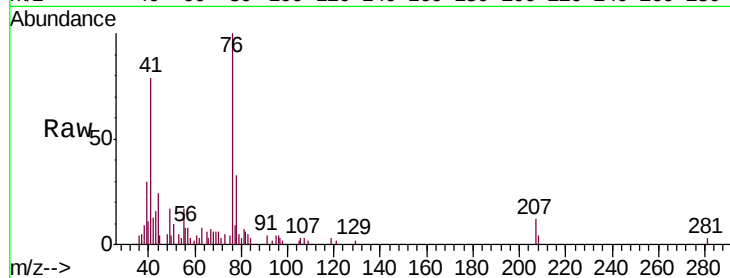
VSTDICCC050

Tgt Ion: 76 Resp: 4599

Ion Ratio Lower Upper

76 100

78 35.8 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 108.498 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VW005889.D

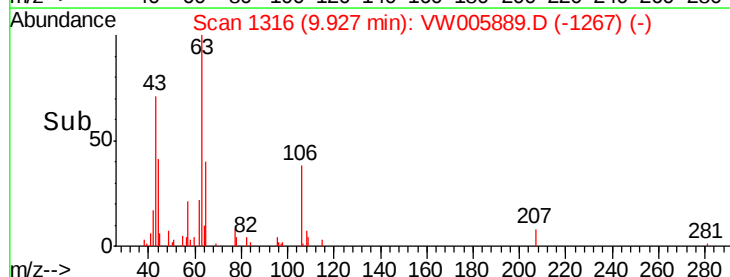
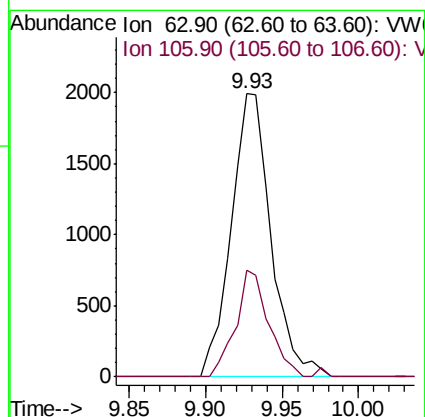
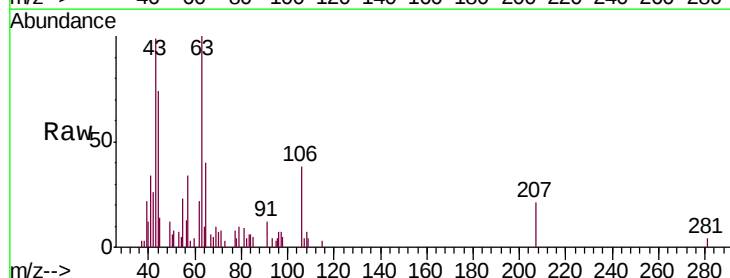
Acq: 08 Oct 2018 11:49

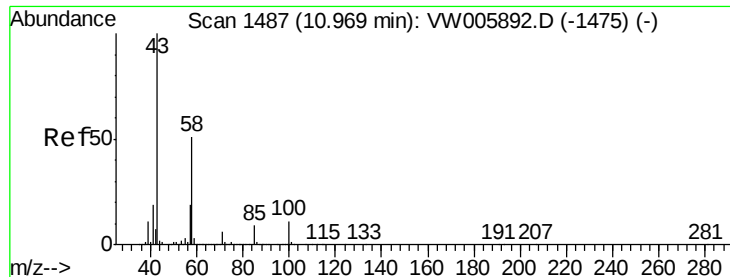
Tgt Ion: 63 Resp: 3580

Ion Ratio Lower Upper

63 100

106 31.3 23.6 35.4

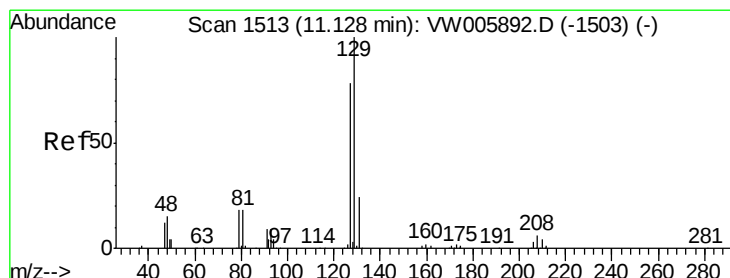
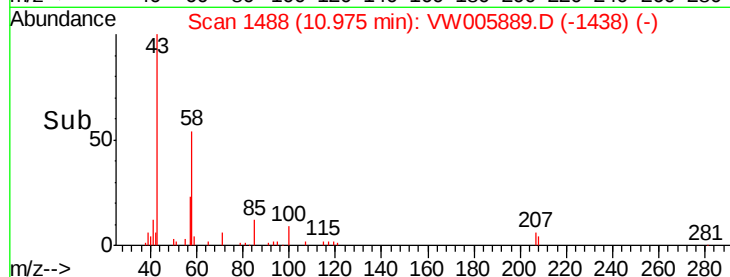
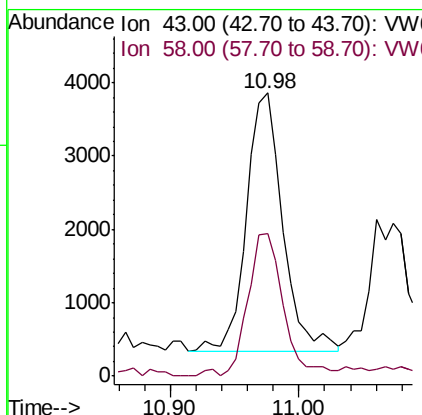
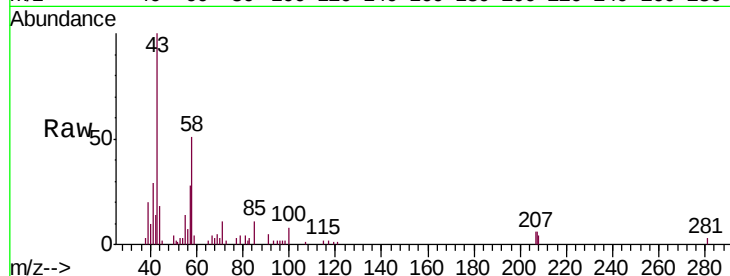




#59
2-Hexanone
Concen: 191.031 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.01 min
Lab File: VW005889.D
Acq: 08 Oct 2018 11:49

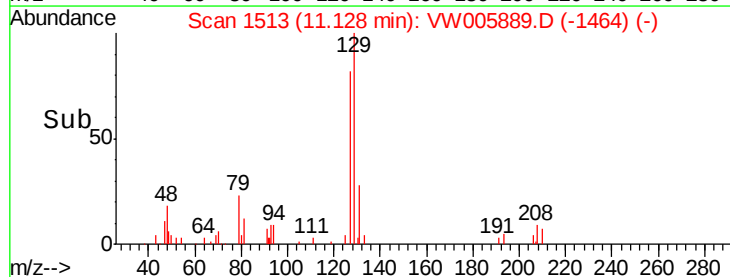
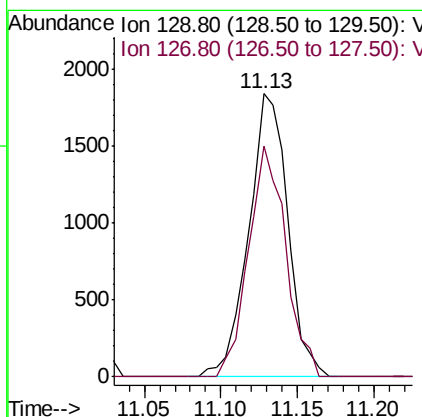
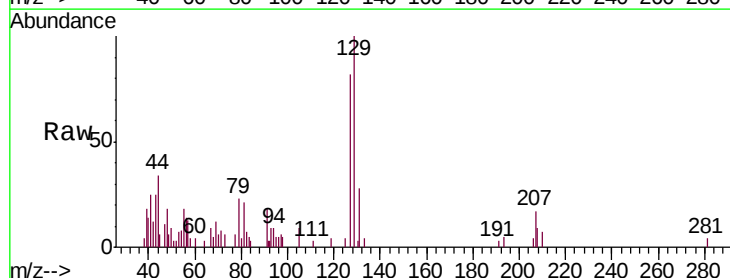
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 6807
Ion Ratio Lower Upper
43 100
58 54.7 25.7 77.1



#60
Dibromochloromethane
Concen: 42.246 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW005889.D
Acq: 08 Oct 2018 11:49

Tgt Ion: 129 Resp: 3280
Ion Ratio Lower Upper
129 100
127 77.6 38.5 115.5

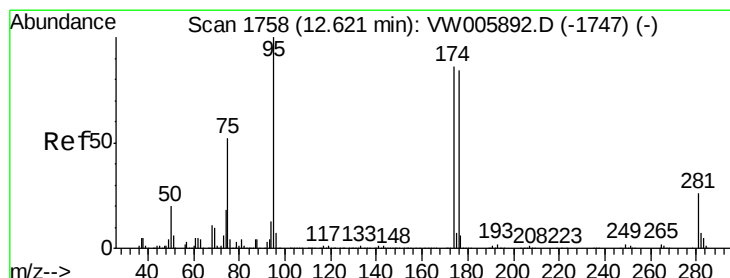
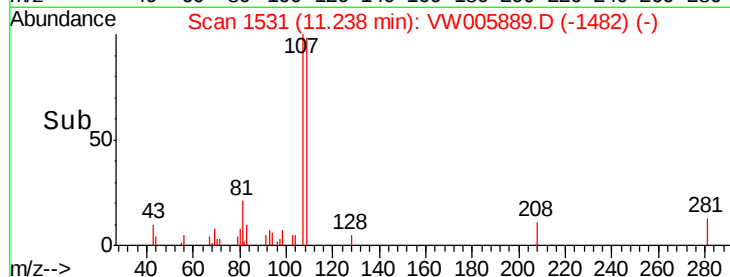
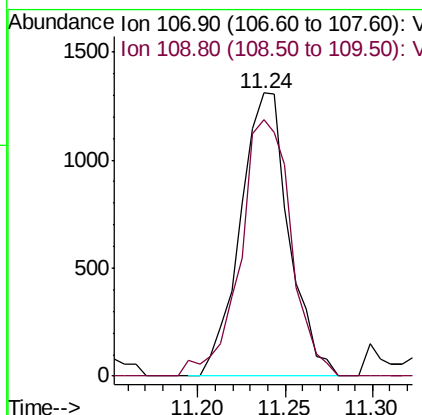
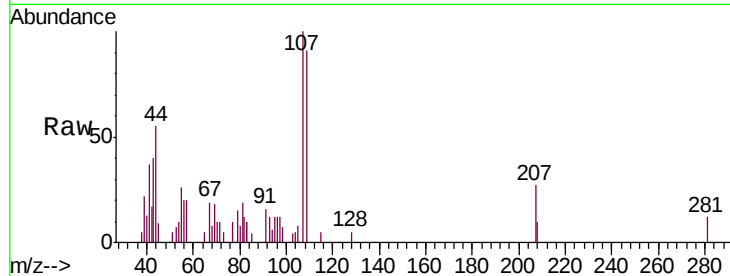




#61
 1,2-Dibromoethane
 Concen: 42.280 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW005889.D
 Acq: 08 Oct 2018 11:49

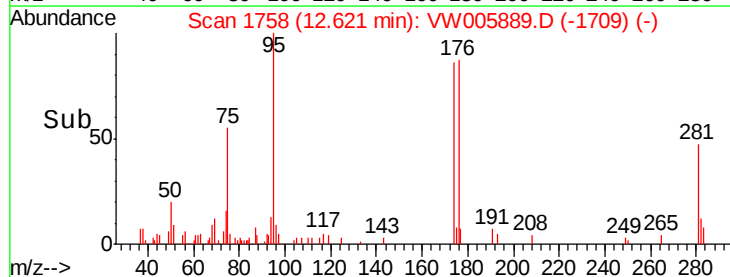
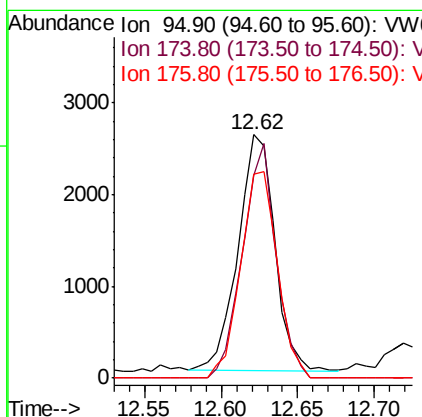
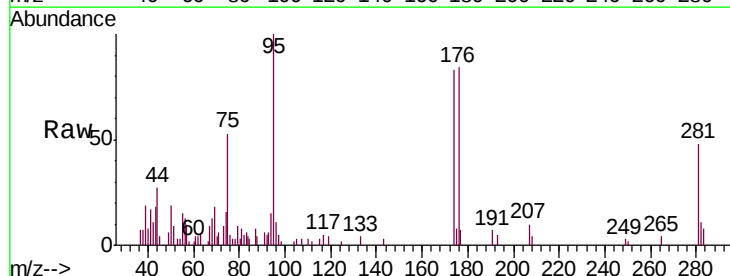
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 107 Resp: 2542
 Ion Ratio Lower Upper
 107 100
 109 94.2 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 38.099 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW005889.D
 Acq: 08 Oct 2018 11:49

Tgt Ion: 95 Resp: 4287
 Ion Ratio Lower Upper
 95 100
 174 90.5 0.0 176.4
 176 87.5 0.0 173.0

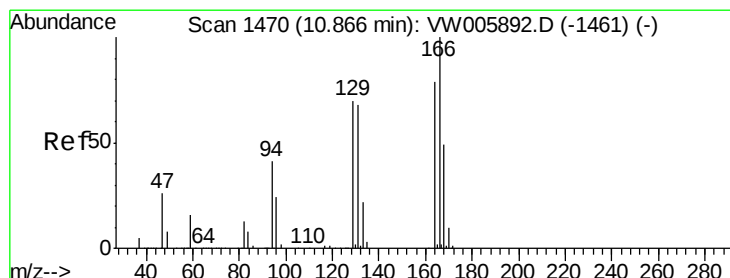
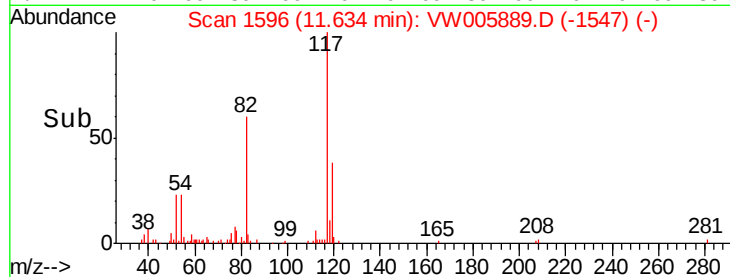
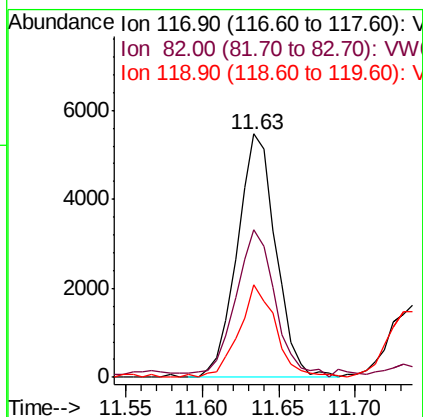
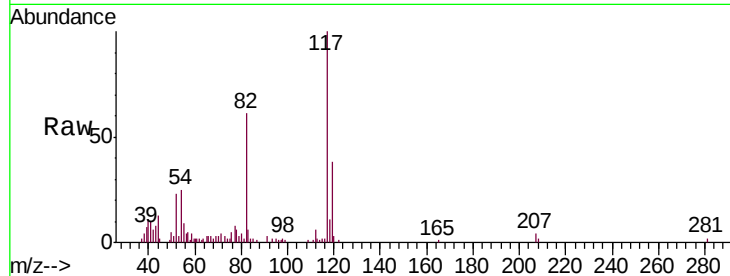




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW005889.D
Acq: 08 Oct 2018 11:49

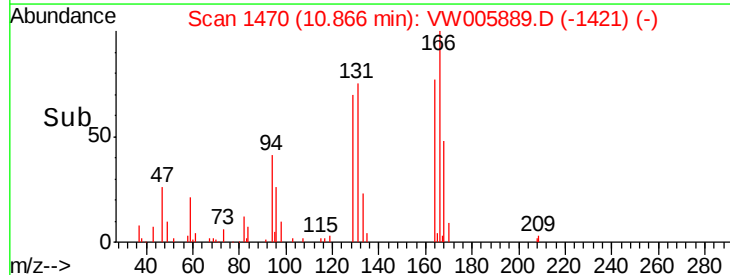
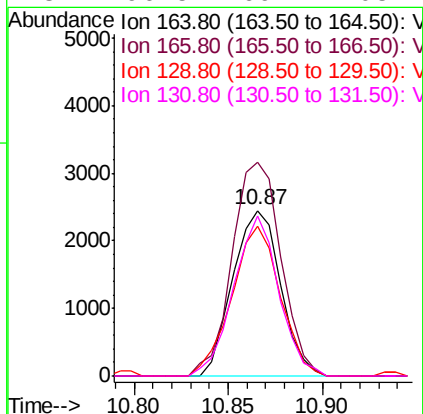
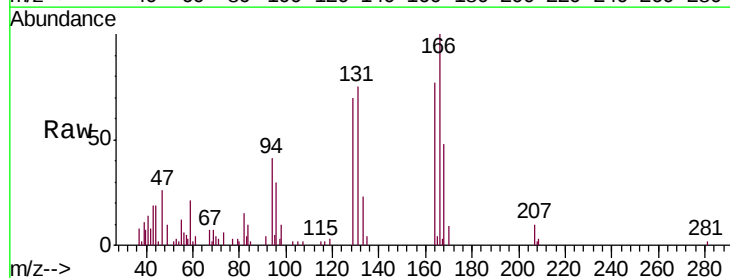
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

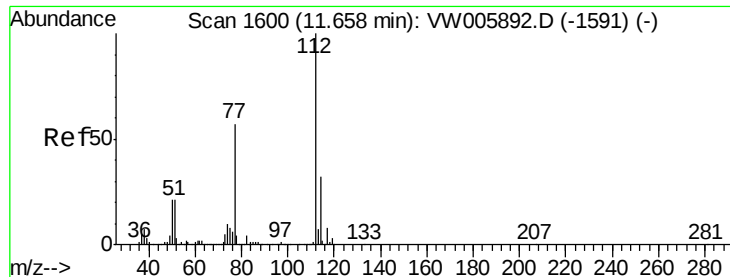
Tgt Ion:117 Resp: 9570
Ion Ratio Lower Upper
117 100
82 58.7 43.5 65.3
119 37.1 25.4 38.2



#64
Tetrachloroethene
Concen: 60.376 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005889.D
Acq: 08 Oct 2018 11:49

Tgt Ion:164 Resp: 4304
Ion Ratio Lower Upper
164 100
166 129.3 101.5 152.3
129 90.7 71.1 106.7
131 96.5 69.1 103.7





#65

Chlorobenzene

Concen: 50.704 ug/l

RT: 11.66 min Scan# 1601

Delta R.T. 0.01 min

Lab File: VW005889.D

Acq: 08 Oct 2018 11:49

Instrument :

MSVOA_W

ClientSampleId :

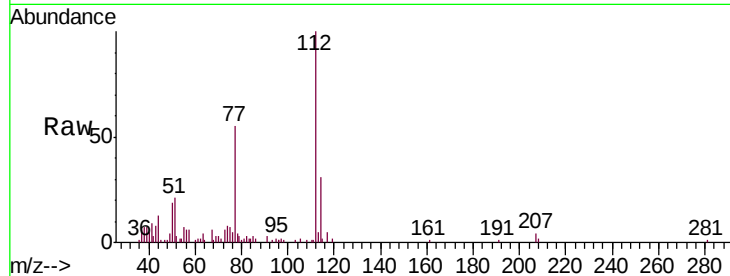
VSTDICCC050

Tgt Ion:112 Resp: 10394

Ion Ratio Lower Upper

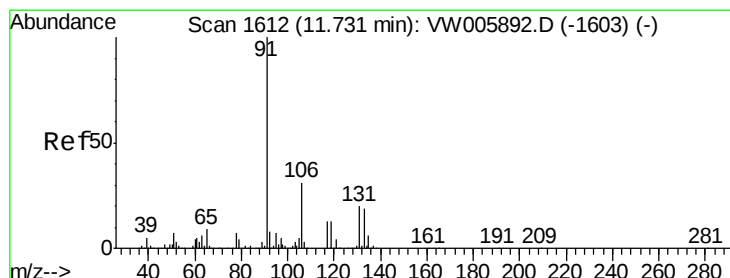
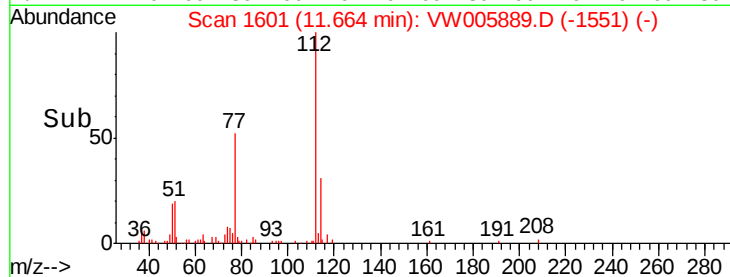
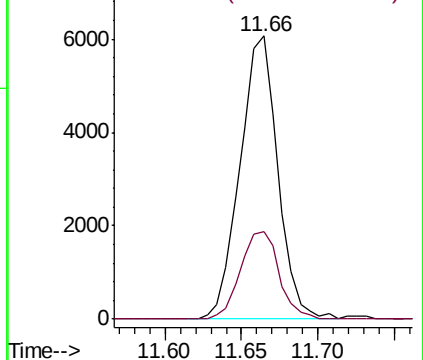
112 100

114 30.9 25.6 38.4



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: 52.863 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW005889.D

Acq: 08 Oct 2018 11:49

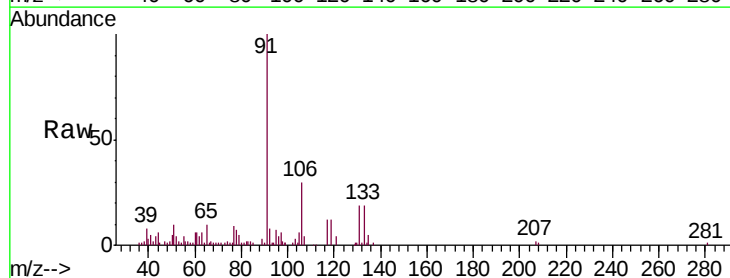
Tgt Ion:131 Resp: 3972

Ion Ratio Lower Upper

131 100

133 107.1 48.2 144.6

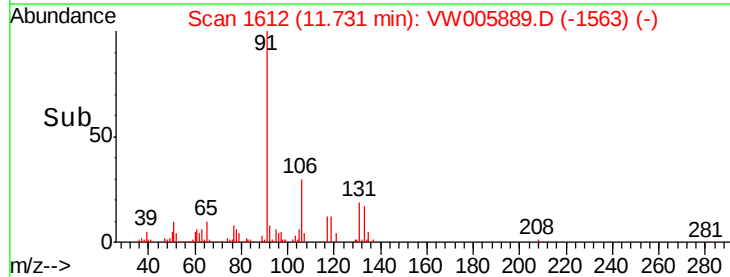
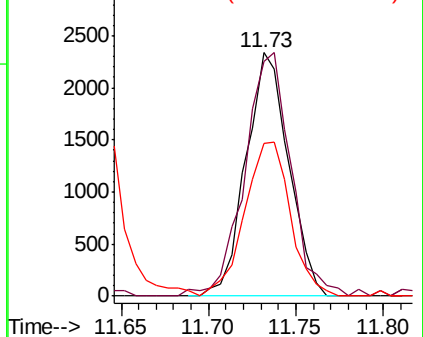
119 67.8 32.5 97.5

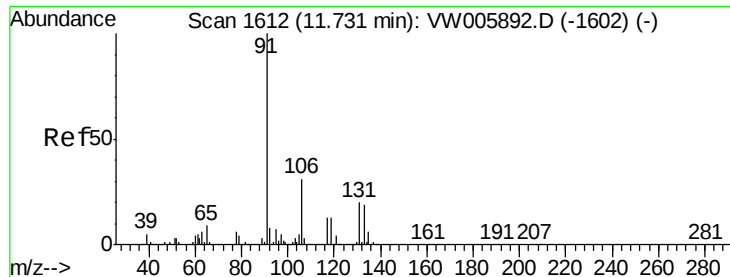


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

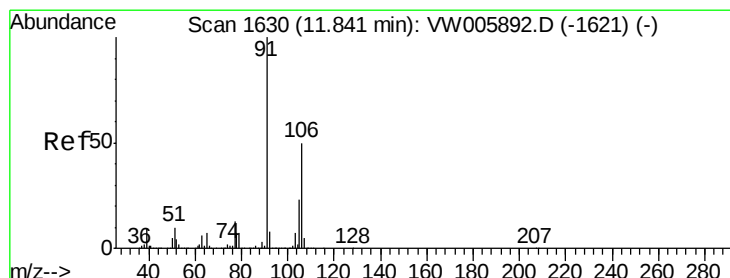
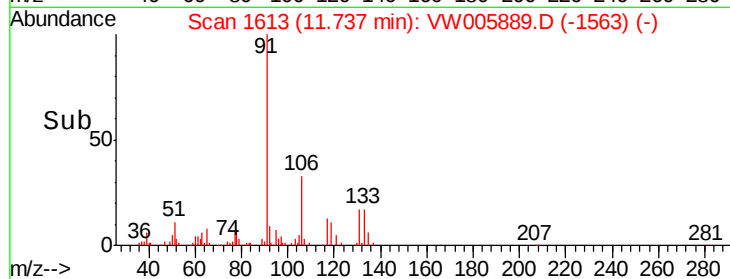
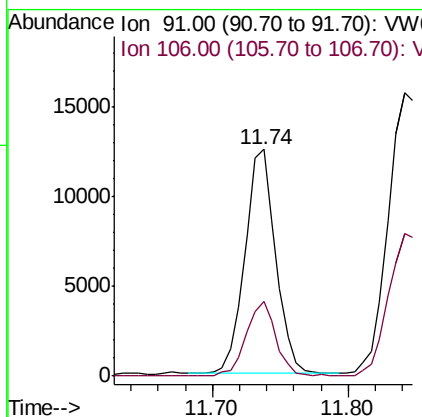
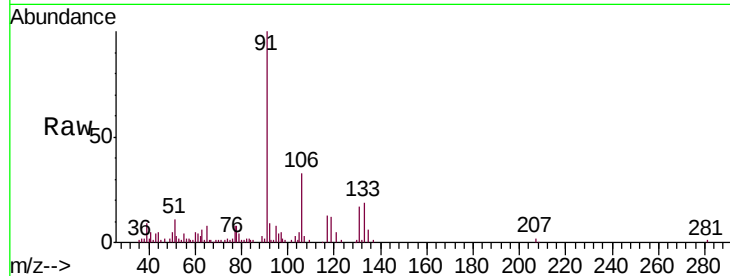




#67
Ethyl Benzene
Concen: 54.394 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.01 min
Lab File: VW005889.D
Acq: 08 Oct 2018 11:49

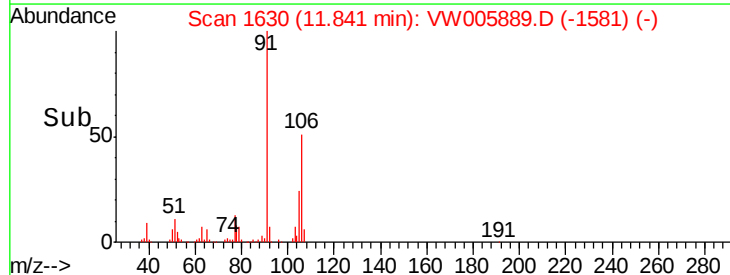
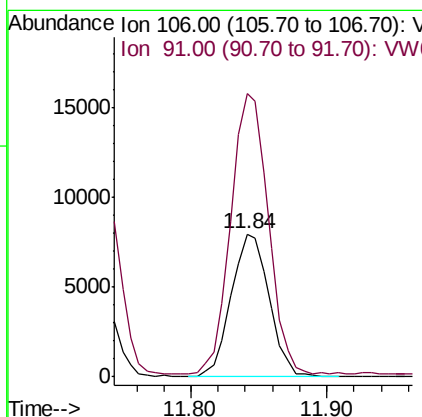
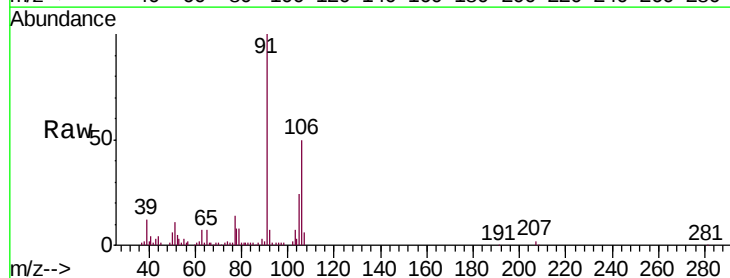
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

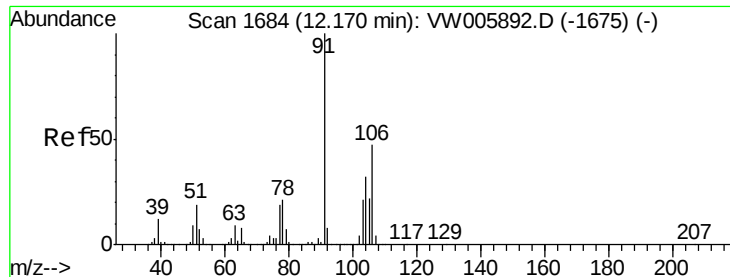
Tgt Ion: 91 Resp: 19695
Ion Ratio Lower Upper
91 100
106 33.1 25.0 37.6



#68
m/p-Xylenes
Concen: 108.948 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW005889.D
Acq: 08 Oct 2018 11:49

Tgt Ion: 106 Resp: 15416
Ion Ratio Lower Upper
106 100
91 194.7 160.2 240.2

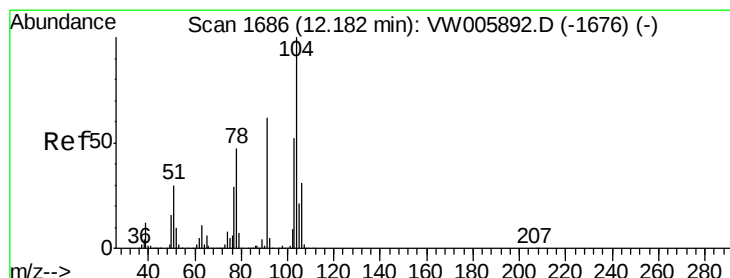
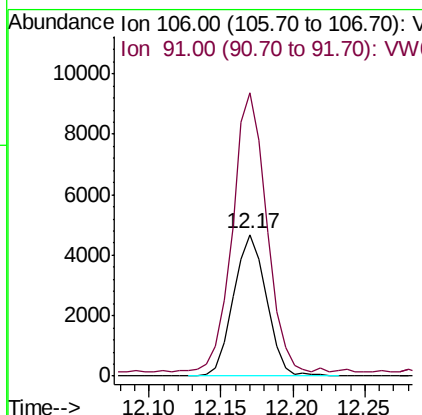
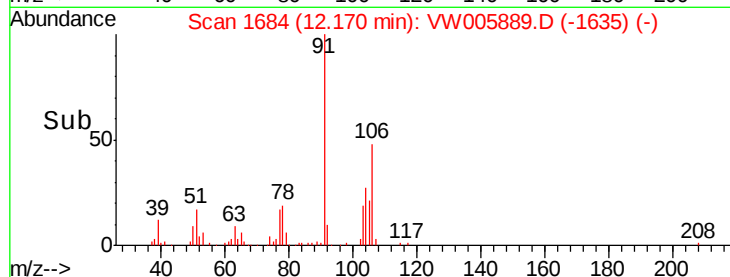
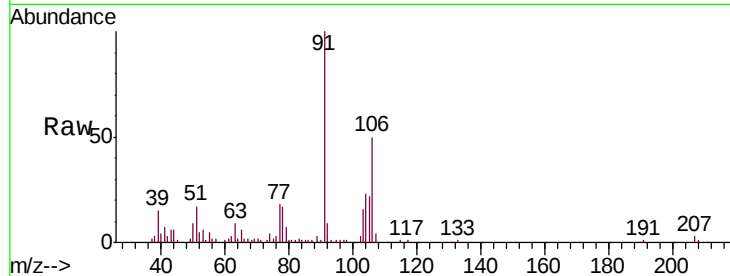




#69
o-Xylene
Concen: 55.402 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW005889.D
Acq: 08 Oct 2018 11:49

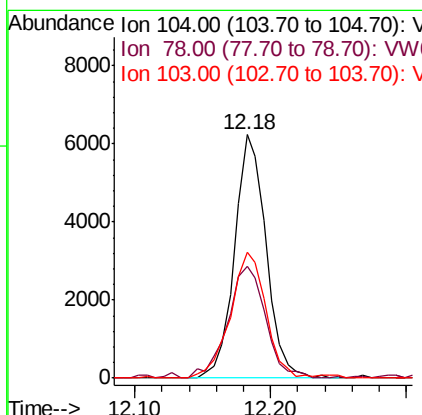
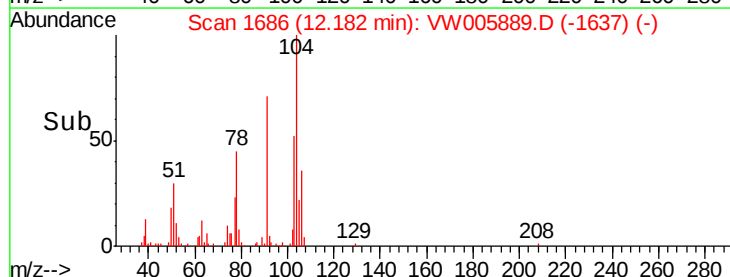
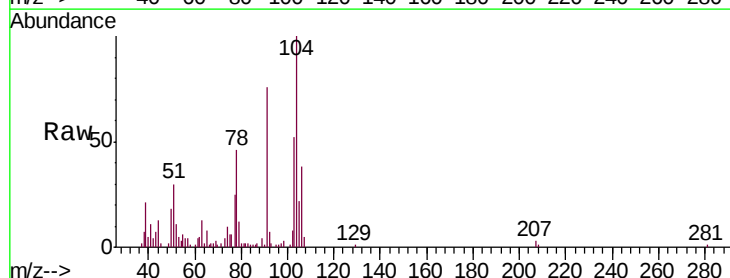
Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tgt Ion:106 Resp: 7505
Ion Ratio Lower Upper
106 100
91 201.5 106.2 318.5



#70
Styrene
Concen: 44.697 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW005889.D
Acq: 08 Oct 2018 11:49

Tgt Ion:104 Resp: 10046
Ion Ratio Lower Upper
104 100
78 55.0 40.4 60.6
103 58.2 44.2 66.2

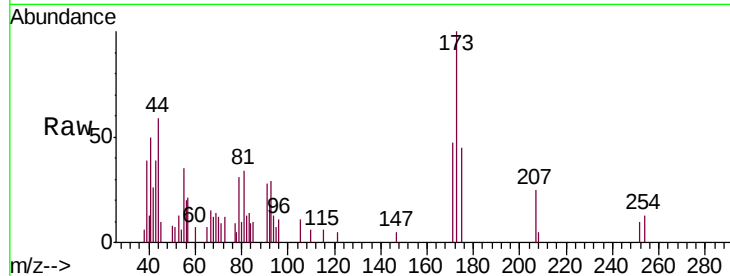




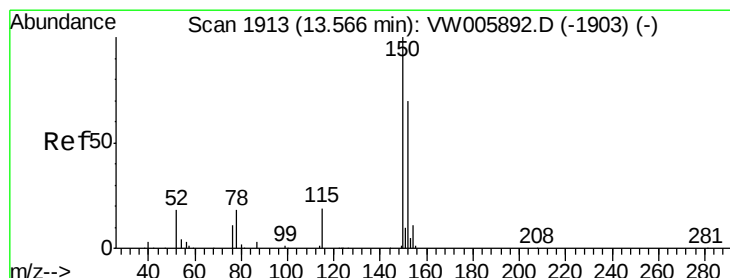
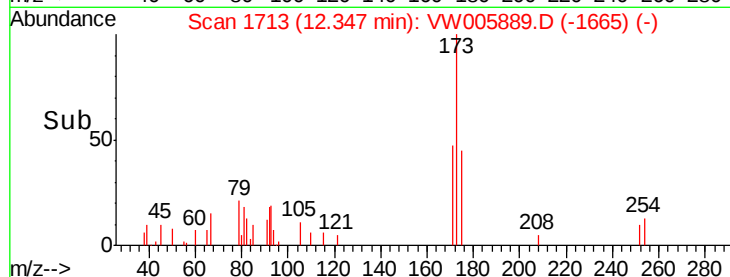
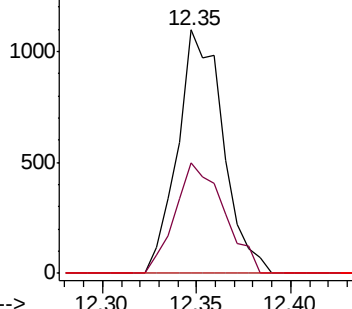
#71
Bromoform
Concen: 40.999 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.01 min
Lab File: VW005889.D
Acq: 08 Oct 2018 11:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion:173 Resp: 1835
Ion Ratio Lower Upper
173 100
175 48.7 24.7 74.1
254 0.0 0.2 0.2#

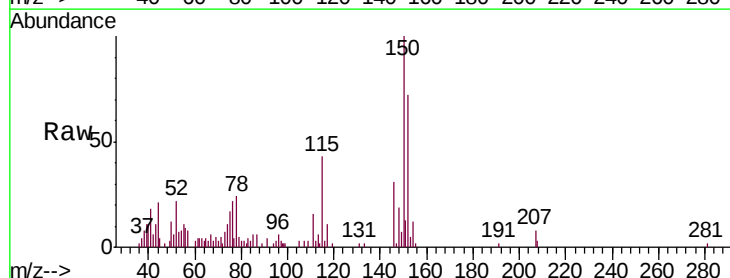


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

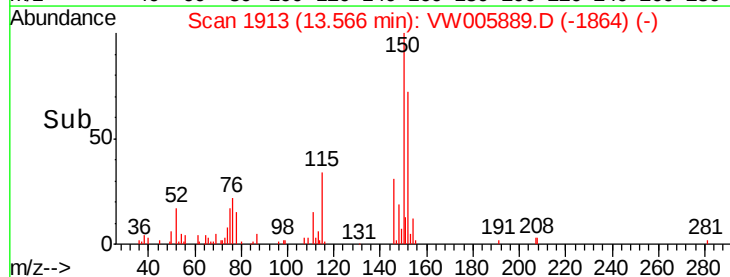
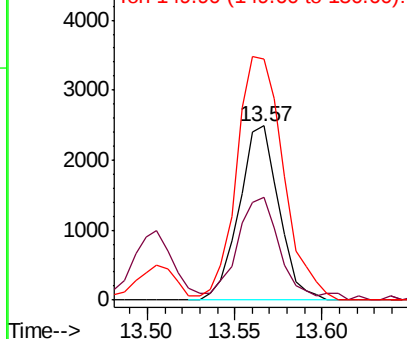


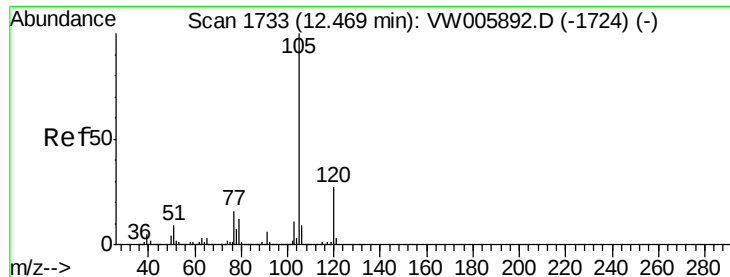
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005889.D
Acq: 08 Oct 2018 11:49

Tgt Ion:152 Resp: 3925
Ion Ratio Lower Upper
152 100
115 65.5 28.3 85.0
150 165.1 0.0 349.2



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: 73.438 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW005889.D

Acq: 08 Oct 2018 11:49

Instrument :

MSVOA_W

ClientSampleId :

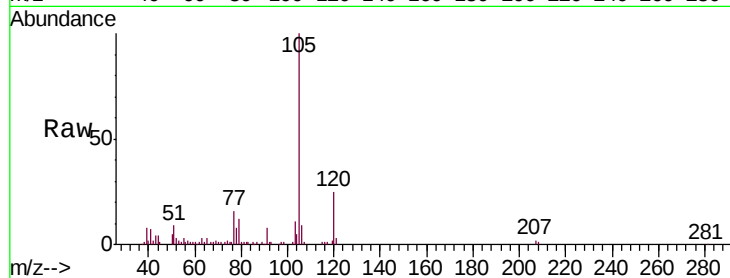
VSTDICCC050

Tgt Ion: 105 Resp: 21051

Ion Ratio Lower Upper

105 100

120 27.5 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.47

15000

10000

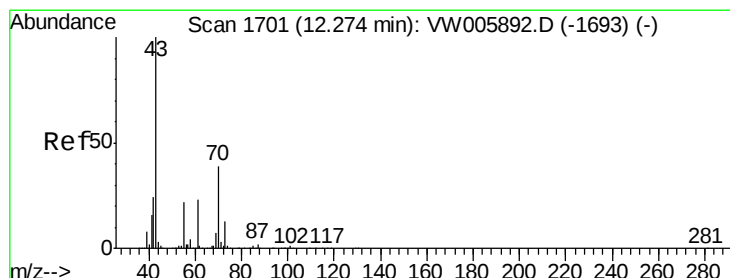
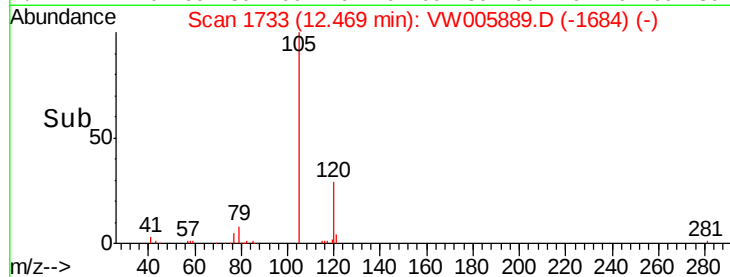
5000

0

Time-->

12.40

12.50



#74

N-ethyl acetate

Concen: 49.312 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.01 min

Lab File: VW005889.D

Acq: 08 Oct 2018 11:49

Tgt Ion: 43 Resp: 3357

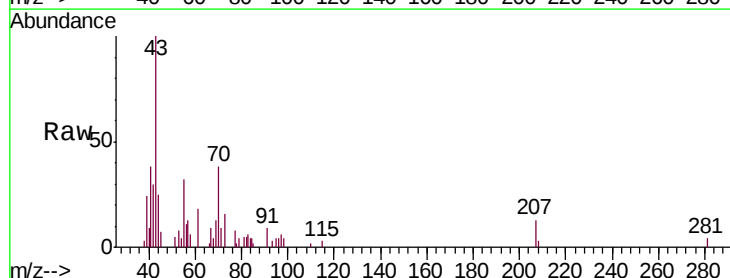
Ion Ratio Lower Upper

43 100

70 32.8 31.6 47.4

55 37.7 17.9 26.9#

61 21.5 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

3000

2000

1000

0

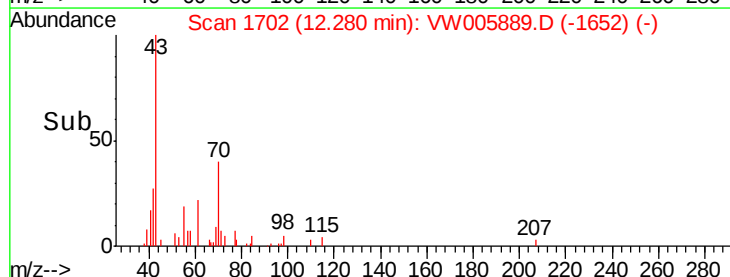
Time-->

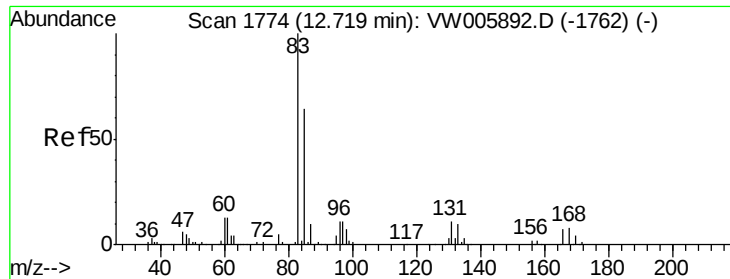
12.20

12.25

12.30

12.35





#75

1,1,2,2-Tetrachloroethane

Concen: 62.916 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW005889.D

Acq: 08 Oct 2018 11:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

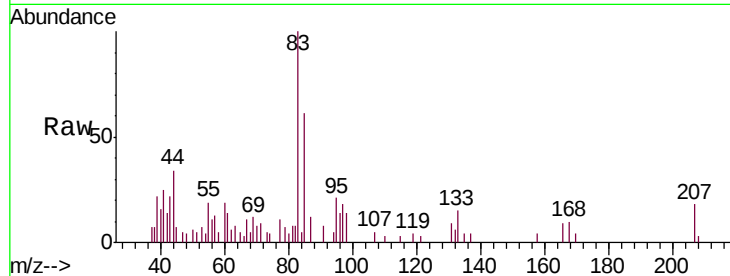
Tgt Ion: 83 Resp: 2956

Ion Ratio Lower Upper

83 100

131 13.7 5.8 17.3

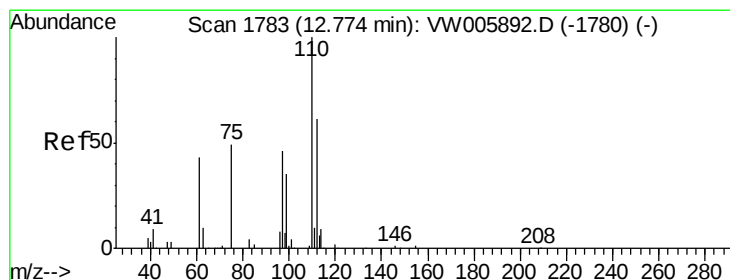
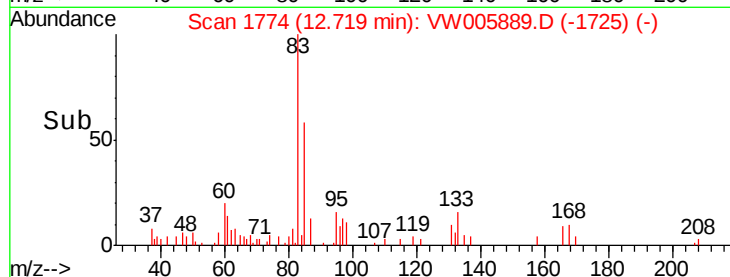
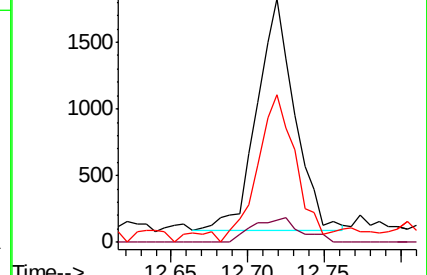
85 66.0 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 55.529 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VW005889.D

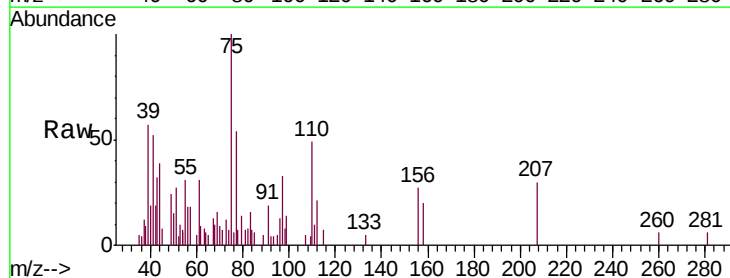
Acq: 08 Oct 2018 11:49

Tgt Ion: 75 Resp: 3336

Ion Ratio Lower Upper

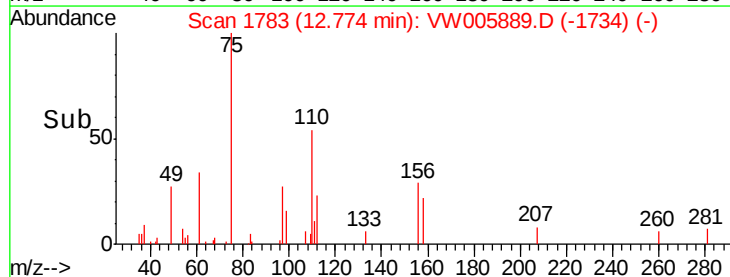
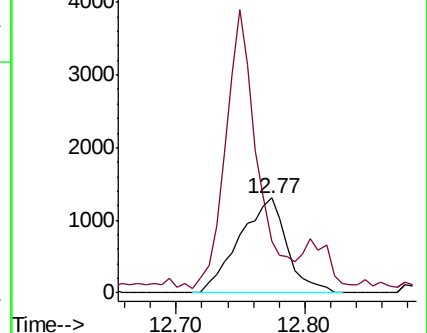
75 100

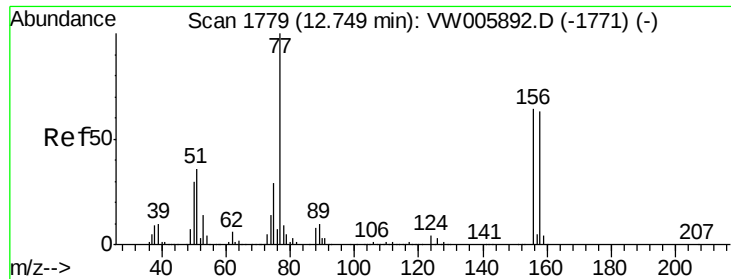
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 56.190 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW005889.D

Acq: 08 Oct 2018 11:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

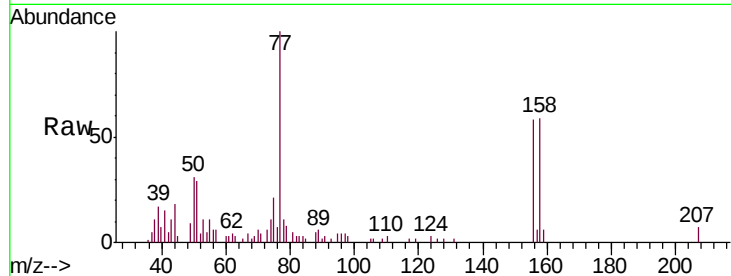
Tgt Ion: 156 Resp: 3816

Ion Ratio Lower Upper

156 100

77 173.7 85.8 257.4

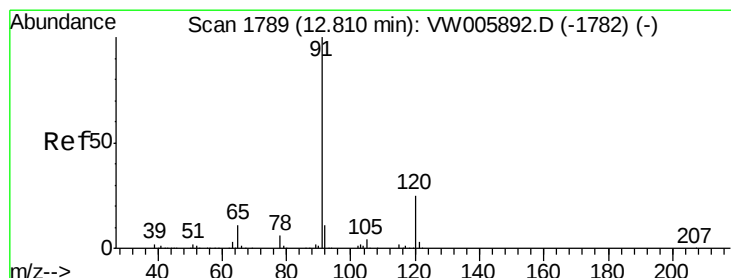
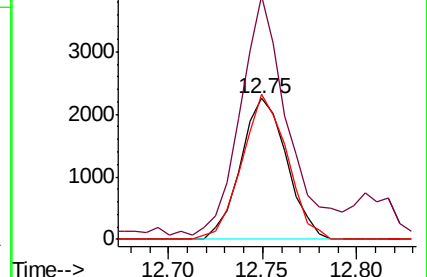
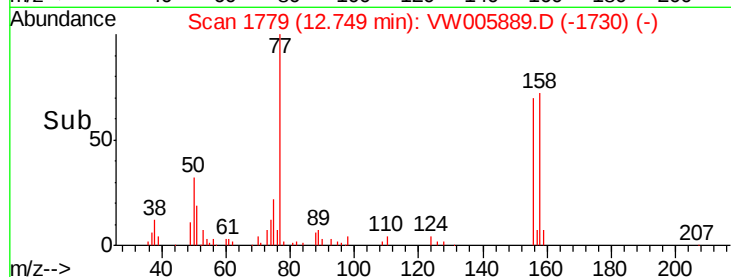
158 100.6 49.1 147.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 68.909 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW005889.D

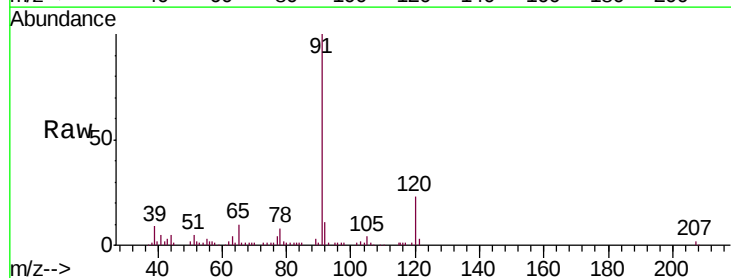
Acq: 08 Oct 2018 11:49

Tgt Ion: 91 Resp: 23236

Ion Ratio Lower Upper

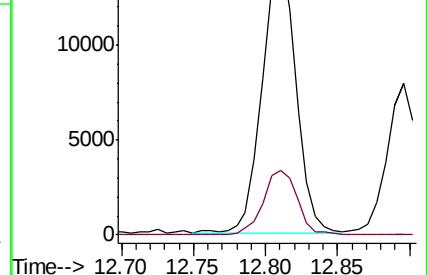
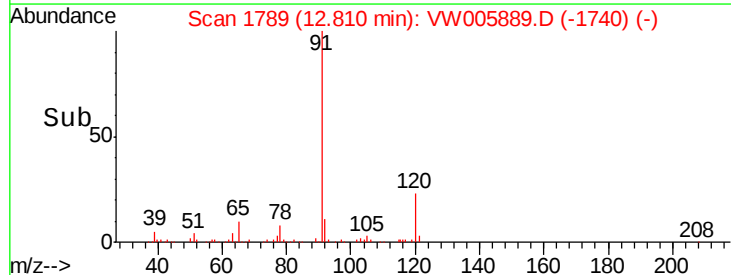
91 100

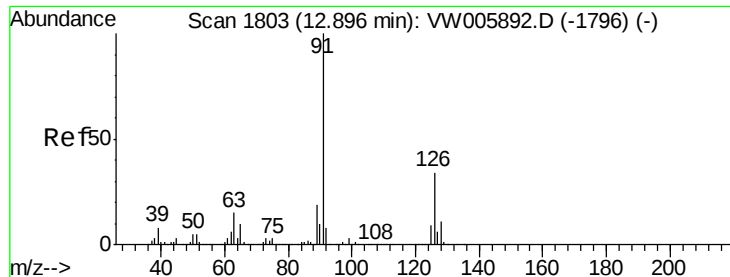
120 24.0 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 65.275 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW005889.D

Acq: 08 Oct 2018 11:49

Instrument :

MSVOA_W

ClientSampleId :

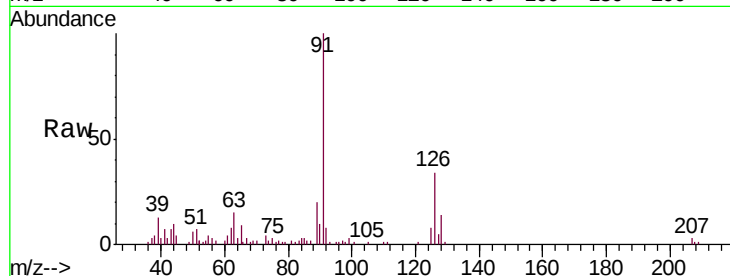
VSTDICCC050

Tgt Ion: 91 Resp: 12425

Ion Ratio Lower Upper

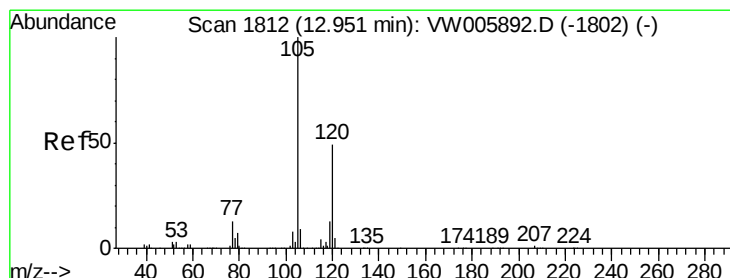
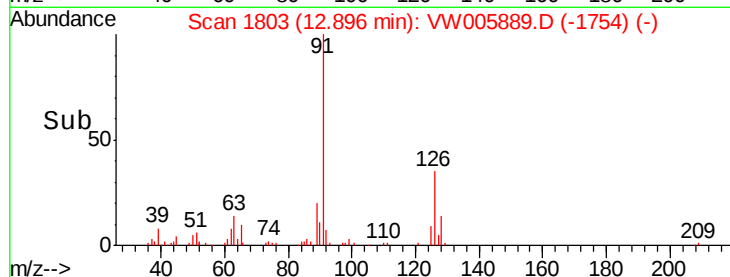
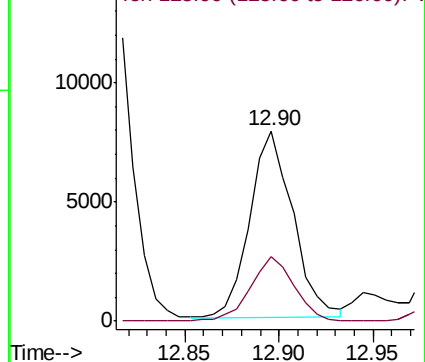
91 100

126 34.8 17.5 52.5



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: 69.189 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW005889.D

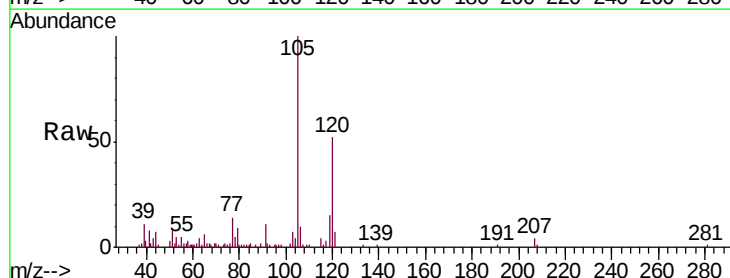
Acq: 08 Oct 2018 11:49

Tgt Ion: 105 Resp: 16744

Ion Ratio Lower Upper

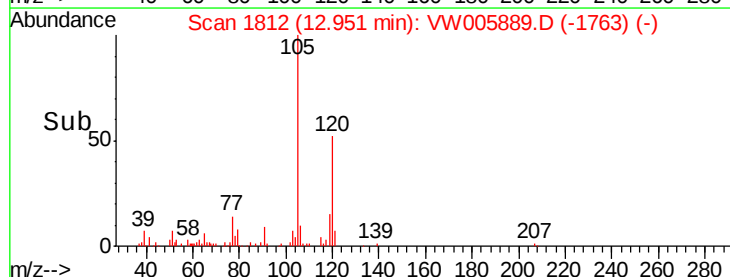
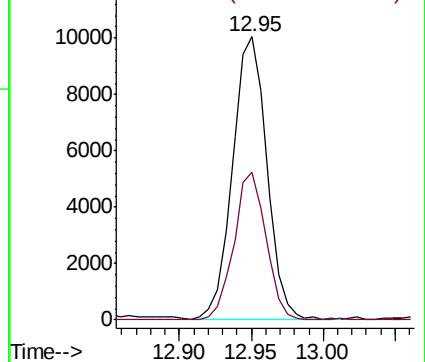
105 100

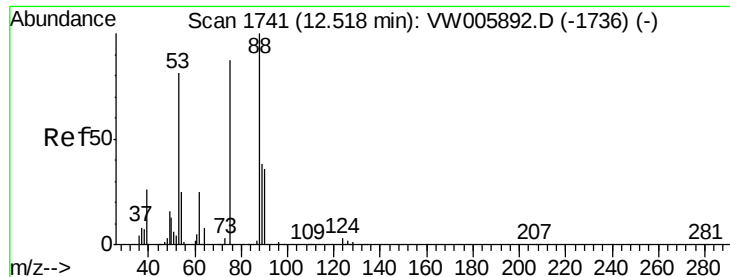
120 48.7 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 42.751 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.01 min

Lab File: VW005889.D

Acq: 08 Oct 2018 11:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

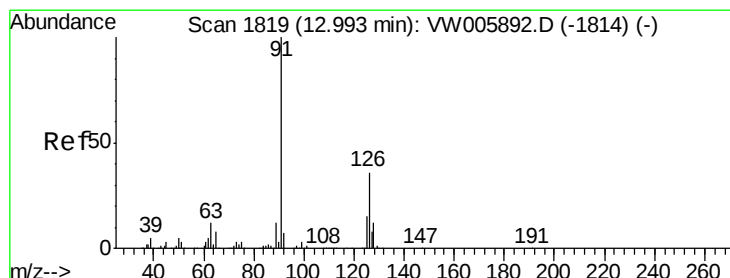
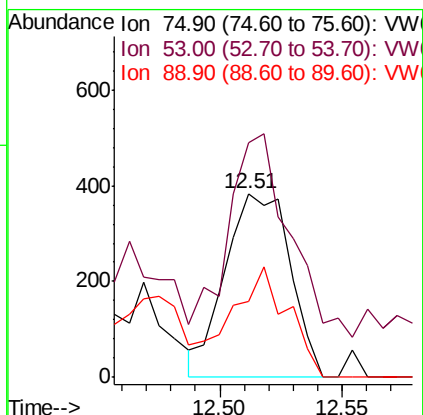
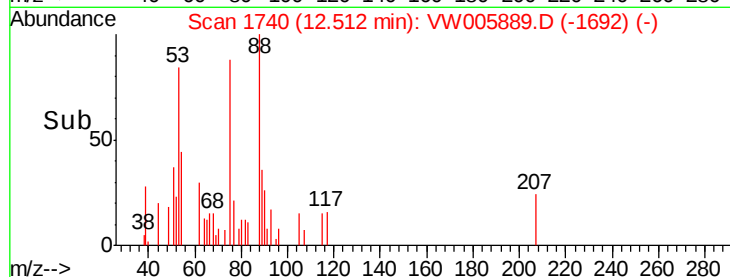
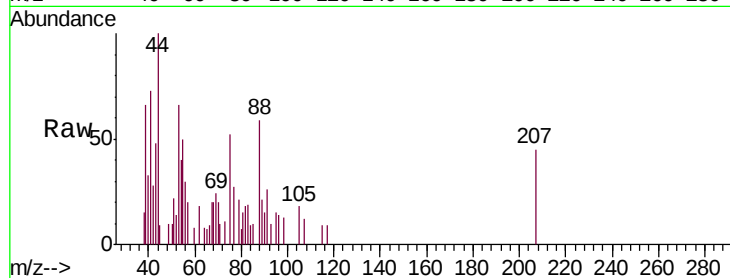
Tgt Ion: 75 Resp: 710

Ion Ratio Lower Upper

75 100

53 103.8 76.5 114.7

89 50.0 37.6 56.4



#82

4-Chlorotoluene

Concen: 58.980 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW005889.D

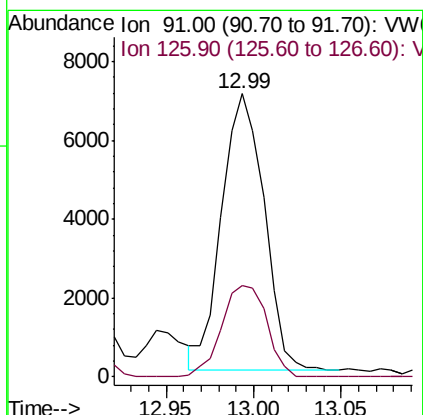
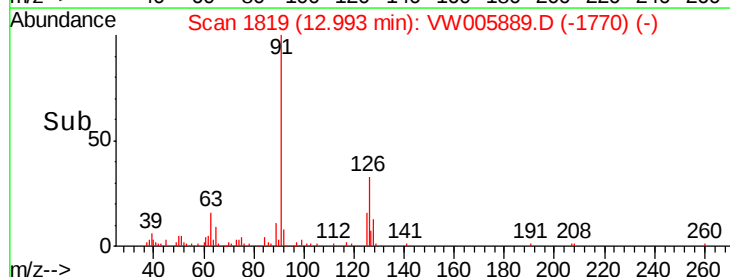
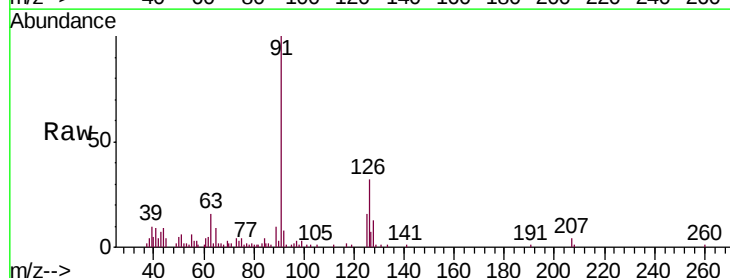
Acq: 08 Oct 2018 11:49

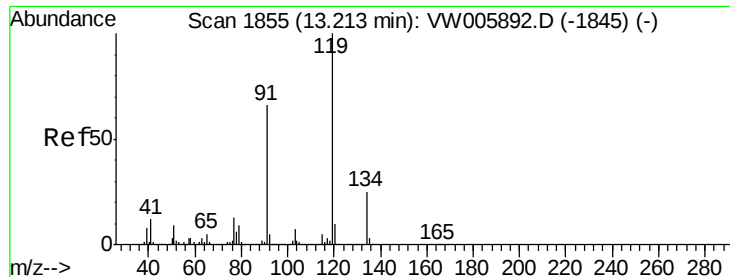
Tgt Ion: 91 Resp: 11812

Ion Ratio Lower Upper

91 100

126 35.3 17.4 52.2

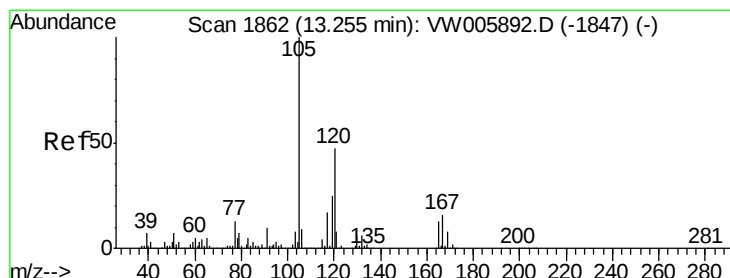
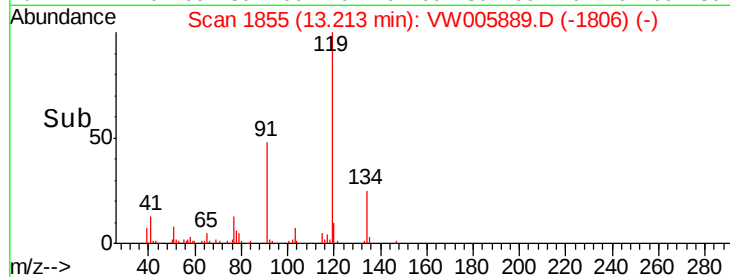
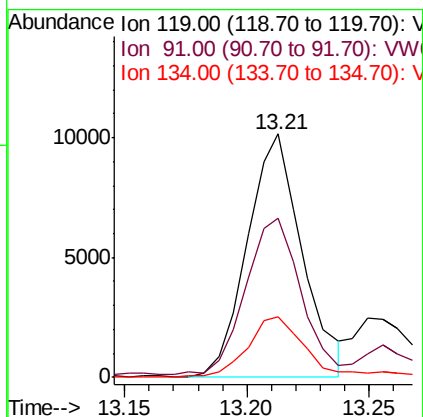
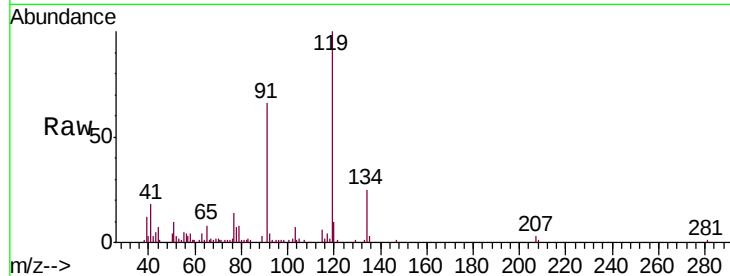




#83
 tert-Butylbenzene
 Concen: 73.930 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW005889.D
 Acq: 08 Oct 2018 11:49

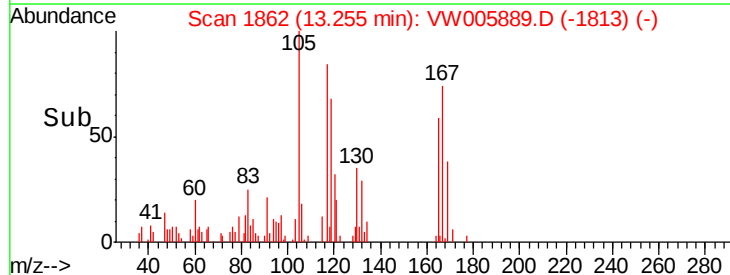
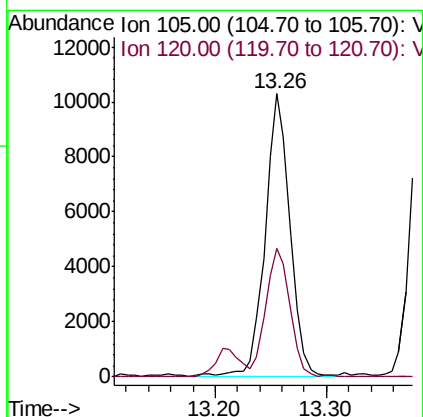
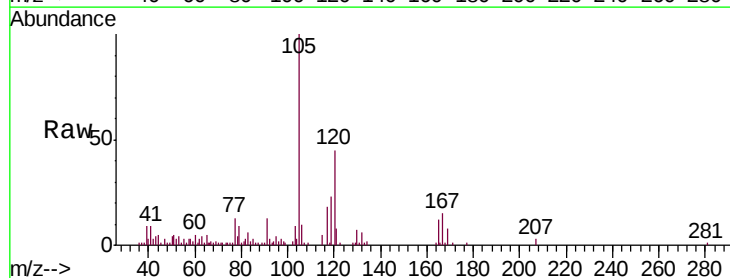
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

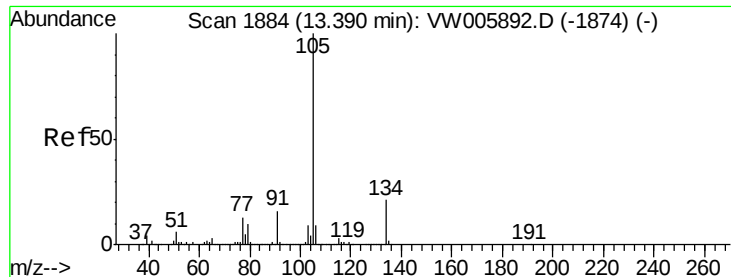
Tgt Ion:119 Resp: 15913
 Ion Ratio Lower Upper
 119 100
 91 63.8 32.4 97.0
 134 27.0 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 66.092 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW005889.D
 Acq: 08 Oct 2018 11:49

Tgt Ion:105 Resp: 16134
 Ion Ratio Lower Upper
 105 100
 120 43.5 22.8 68.3





#85

sec-Butylbenzene

Concen: 72.547 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW005889.D

Acq: 08 Oct 2018 11:49

Instrument :

MSVOA_W

ClientSampleId :

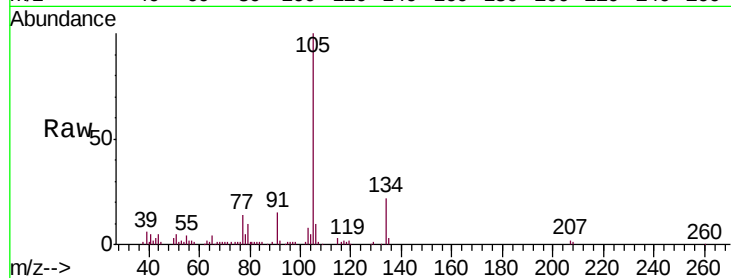
VSTDICCC050

Tgt Ion:105 Resp: 21919

Ion Ratio Lower Upper

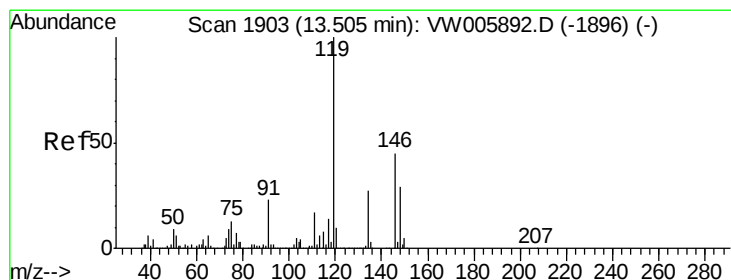
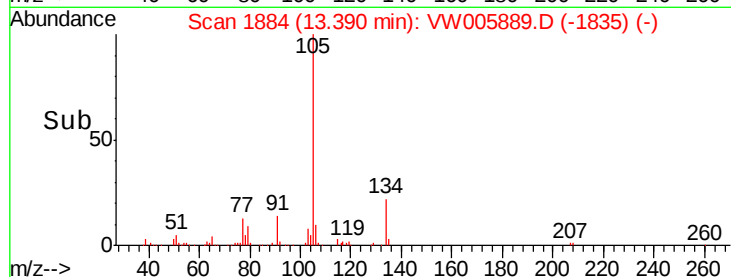
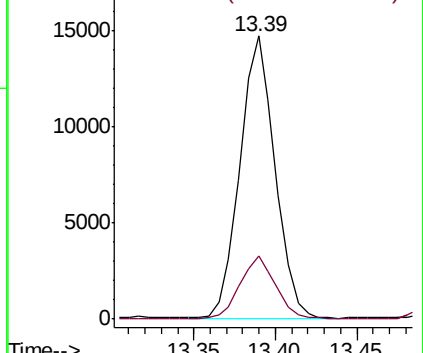
105 100

134 22.4 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 64.684 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW005889.D

Acq: 08 Oct 2018 11:49

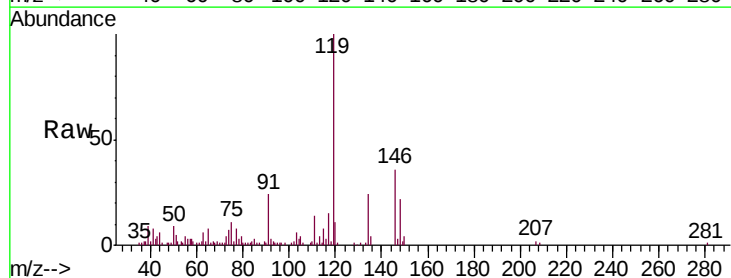
Tgt Ion:119 Resp: 17575

Ion Ratio Lower Upper

119 100

134 26.3 13.5 40.5

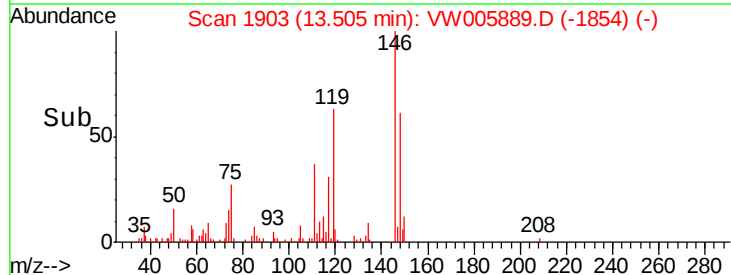
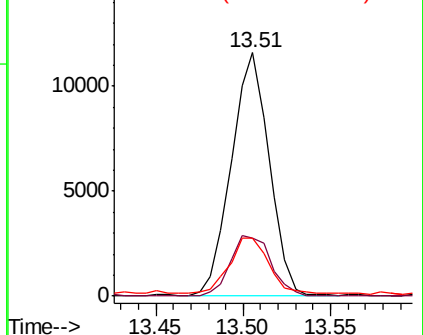
91 23.3 11.9 35.5

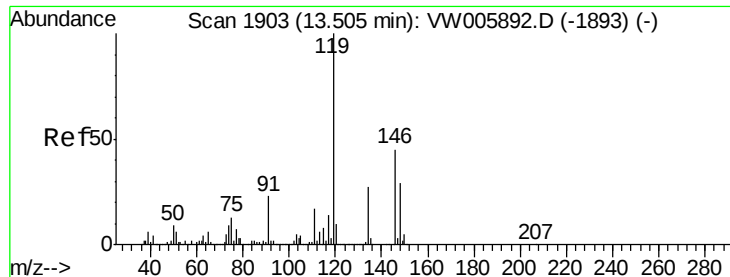


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

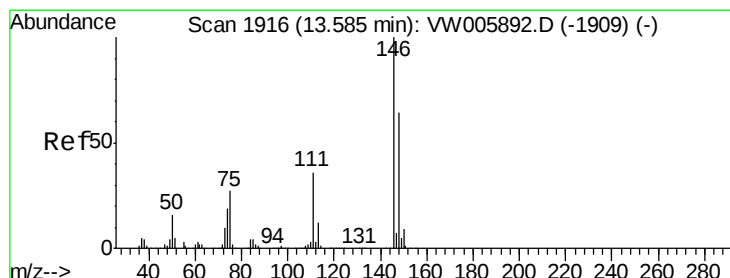
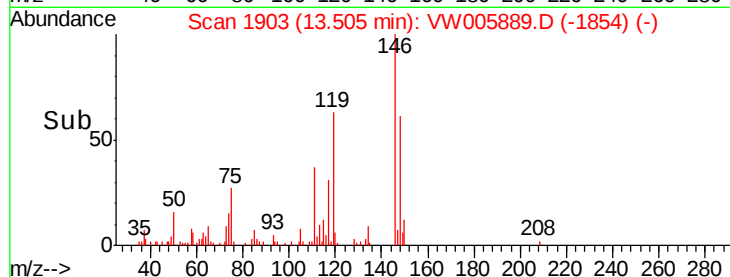
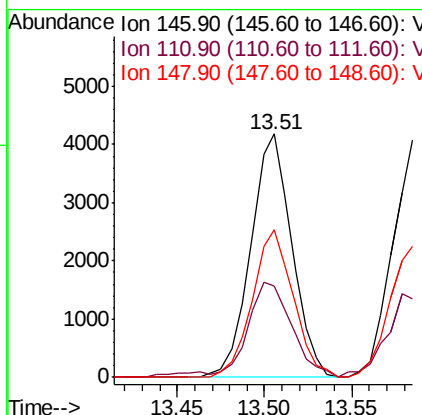
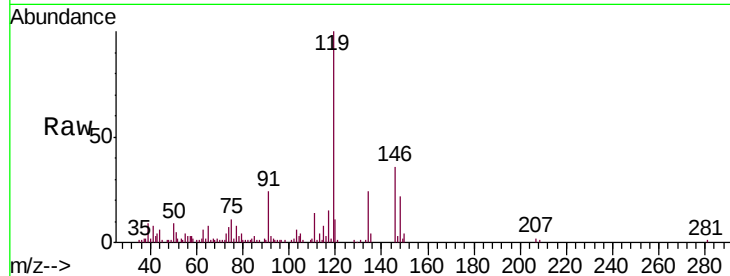




#87
 1,3-Dichlorobenzene
 Concen: 50.548 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW005889.D
 Acq: 08 Oct 2018 11:49

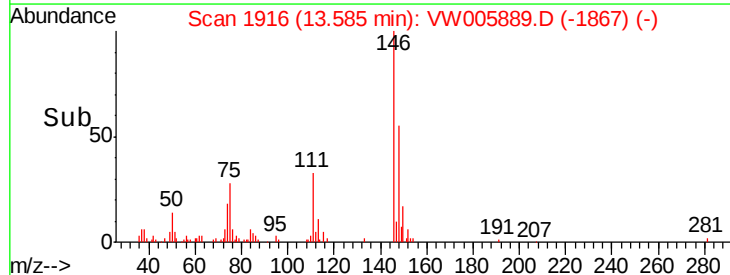
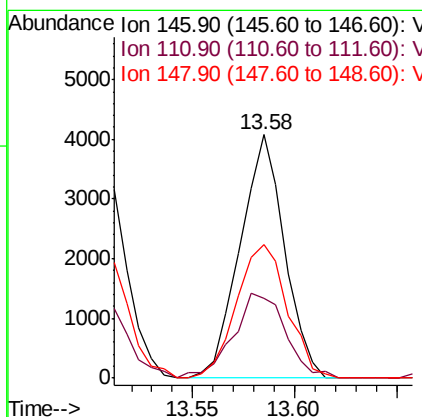
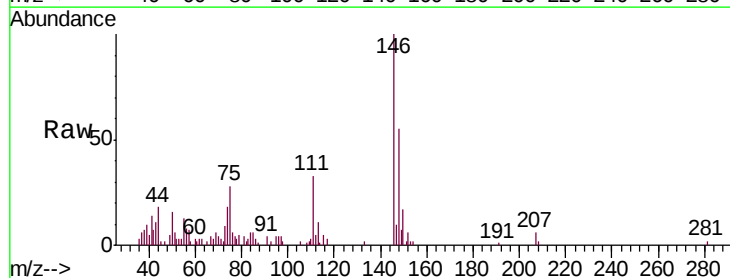
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

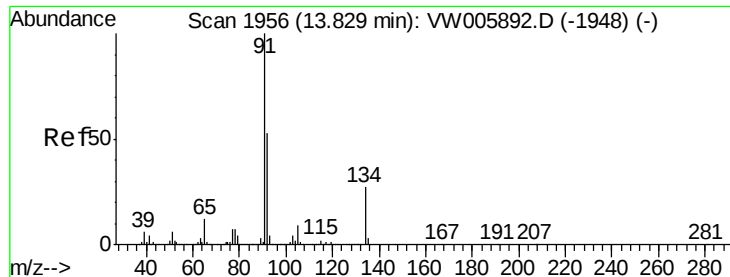
Tgt Ion:146 Resp: 6820
 Ion Ratio Lower Upper
 146 100
 111 43.4 19.5 58.5
 148 60.2 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 46.042 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW005889.D
 Acq: 08 Oct 2018 11:49

Tgt Ion:146 Resp: 6173
 Ion Ratio Lower Upper
 146 100
 111 41.0 19.0 57.0
 148 62.6 32.0 96.2





#89

n-Butylbenzene

Concen: 53.124 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW005889.D

Acq: 08 Oct 2018 11:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

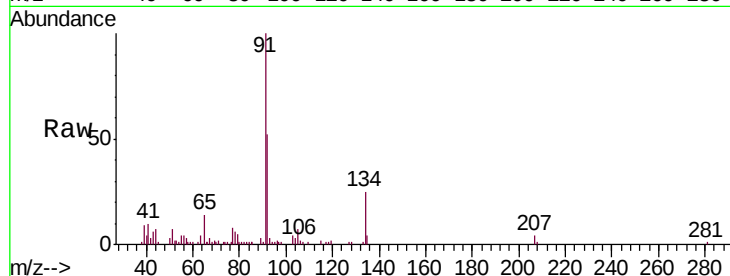
Tgt Ion: 91 Resp: 13606

Ion Ratio Lower Upper

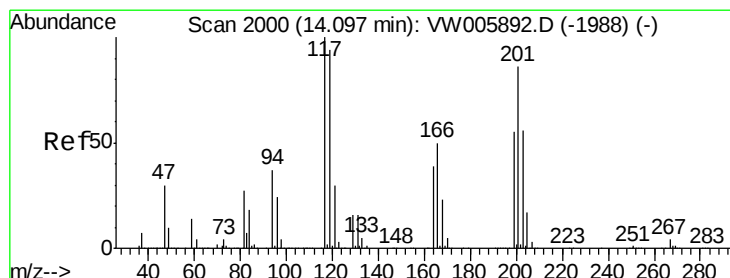
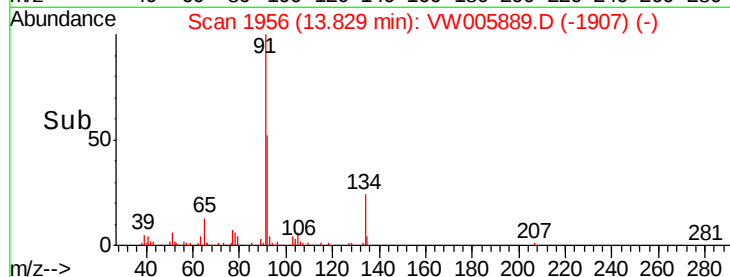
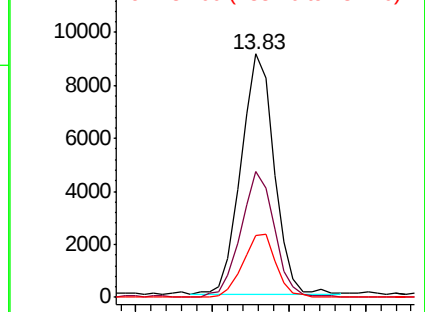
91 100

92 53.4 26.6 79.8

134 26.3 13.8 41.4



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



#90

Hexachloroethane

Concen: 69.724 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW005889.D

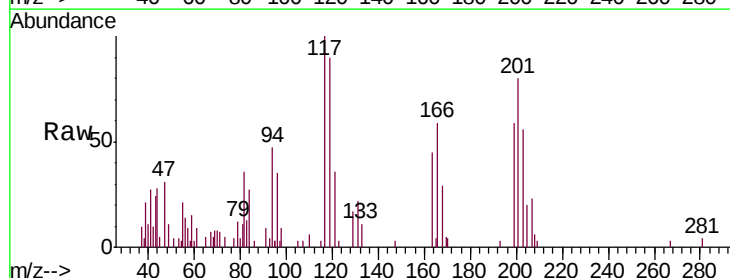
Acq: 08 Oct 2018 11:49

Tgt Ion: 117 Resp: 3563

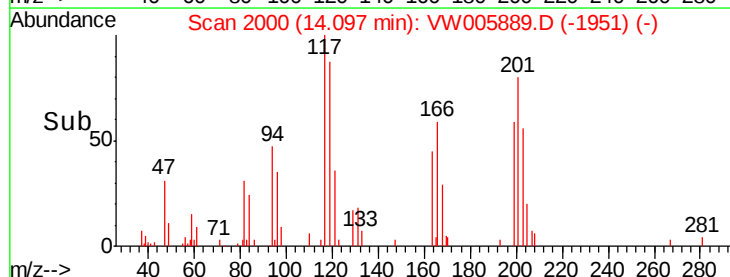
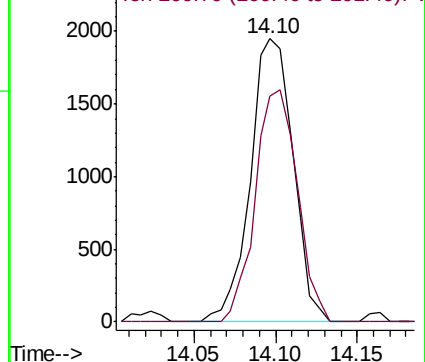
Ion Ratio Lower Upper

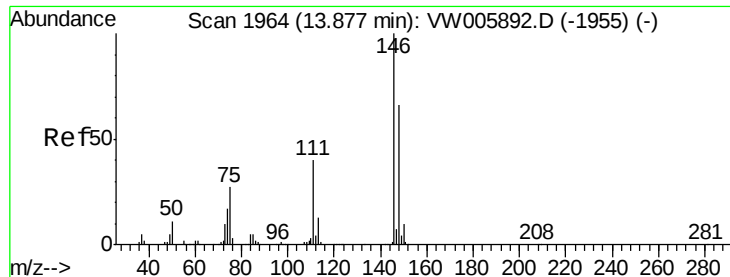
117 100

201 80.7 44.5 133.5



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

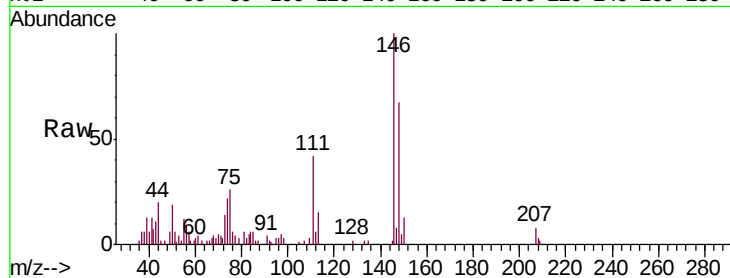




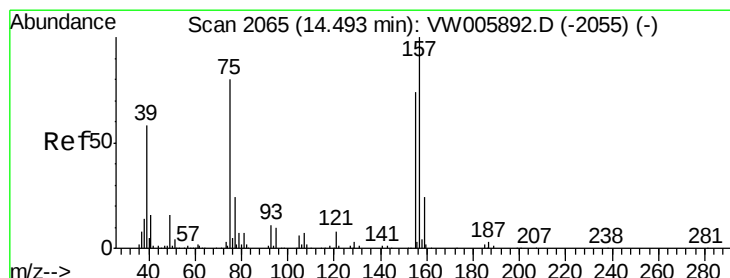
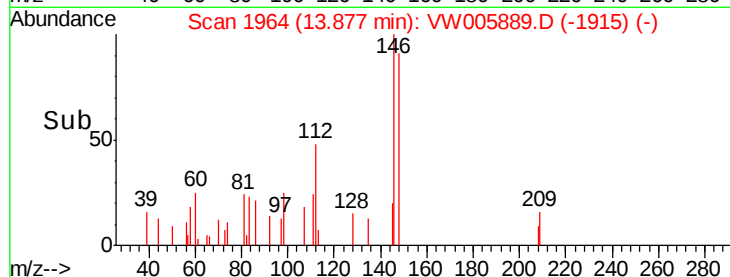
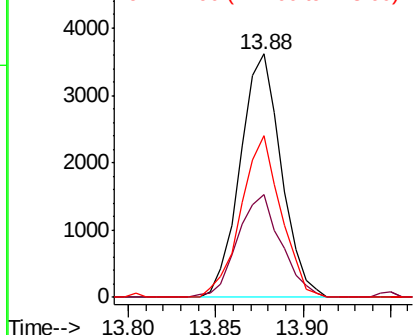
#91
 1,2-Dichlorobenzene
 Concen: 49.371 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW005889.D
 Acq: 08 Oct 2018 11:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 146 Resp: 5914
 Ion Ratio Lower Upper
 146 100
 111 44.7 20.3 61.0
 148 64.6 32.5 97.4

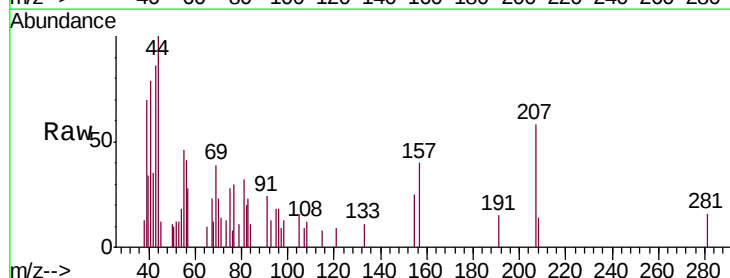


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

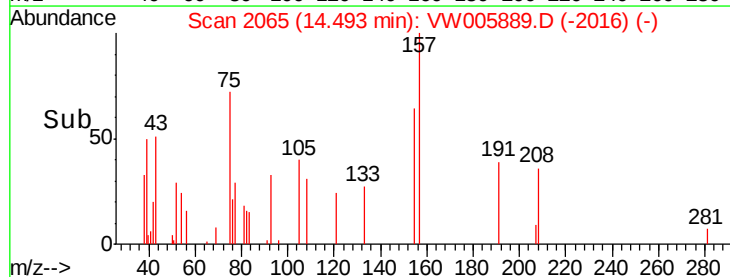
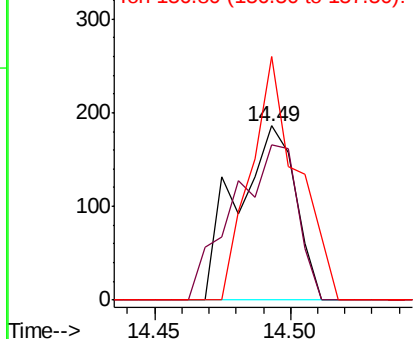


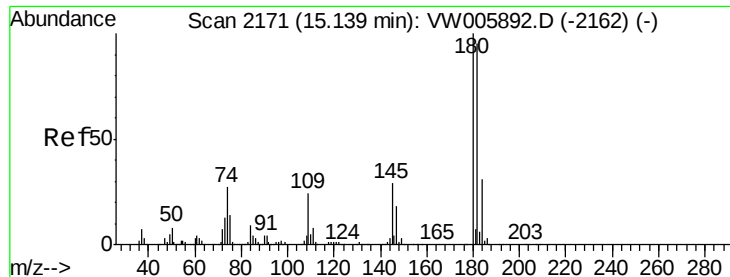
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 31.750 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW005889.D
 Acq: 08 Oct 2018 11:49

Tgt Ion: 75 Resp: 278
 Ion Ratio Lower Upper
 75 100
 155 97.5 44.8 134.3
 157 111.9 58.9 176.6



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

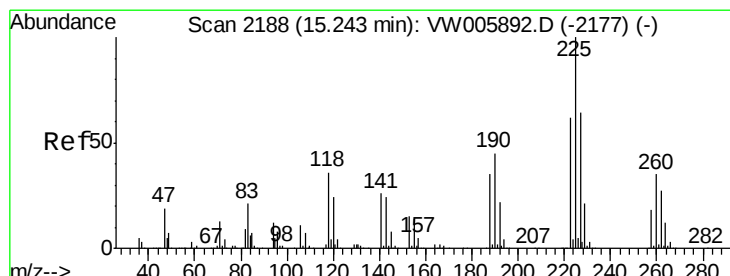
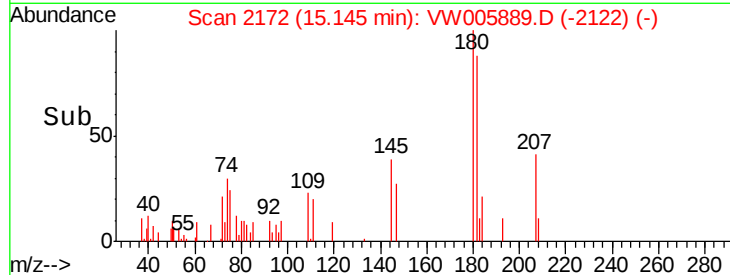
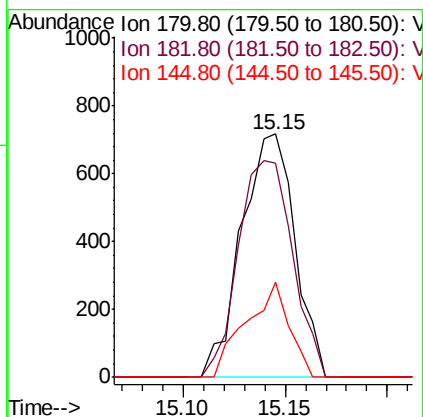
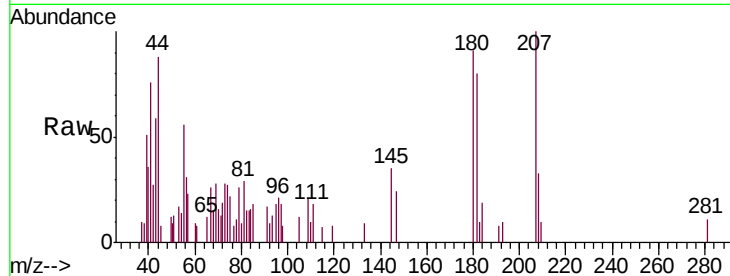




#93
 1,2,4-Trichlorobenzene
 Concen: 14.018 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. 0.01 min
 Lab File: VW005889.D
 Acq: 08 Oct 2018 11:49

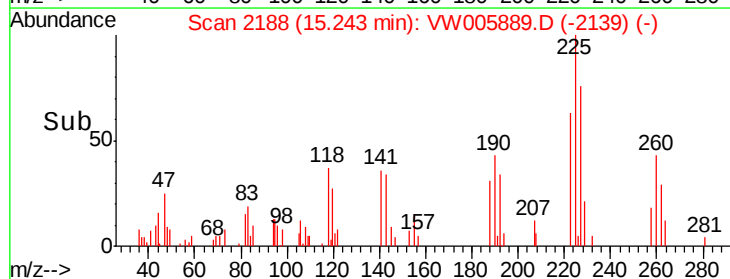
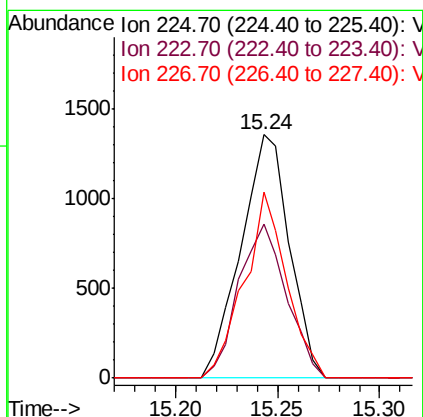
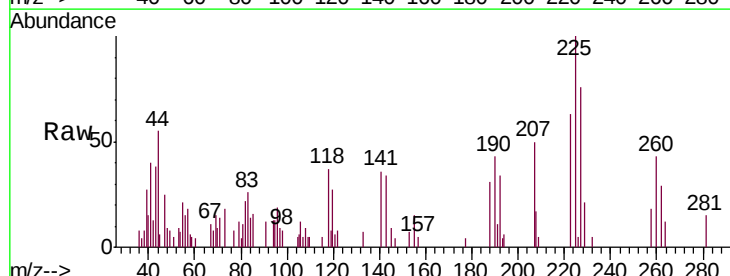
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

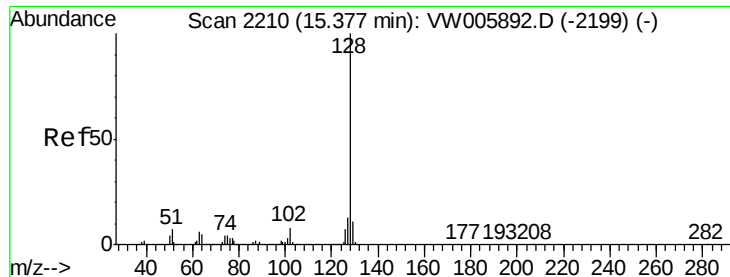
Tgt Ion:180 Resp: 1302
 Ion Ratio Lower Upper
 180 100
 182 90.7 47.8 143.3
 145 31.6 14.5 43.6



#94
 Hexachlorobutadiene
 Concen: 38.673 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW005889.D
 Acq: 08 Oct 2018 11:49

Tgt Ion:225 Resp: 2242
 Ion Ratio Lower Upper
 225 100
 223 62.2 31.2 93.6
 227 67.1 31.9 95.9

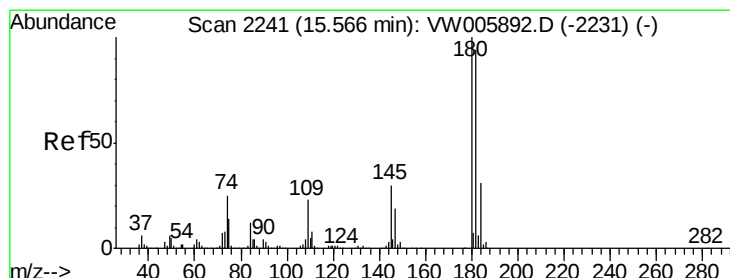
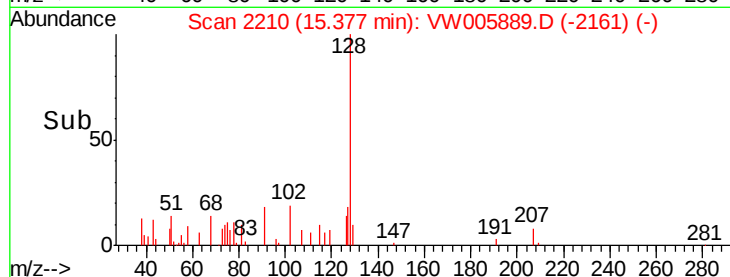
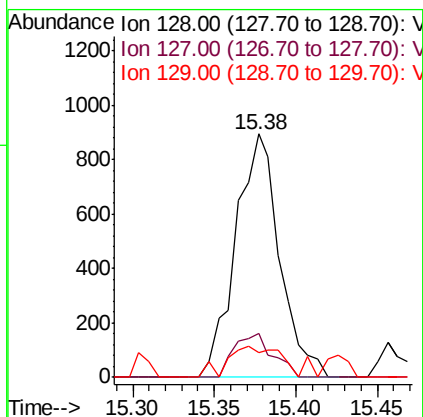
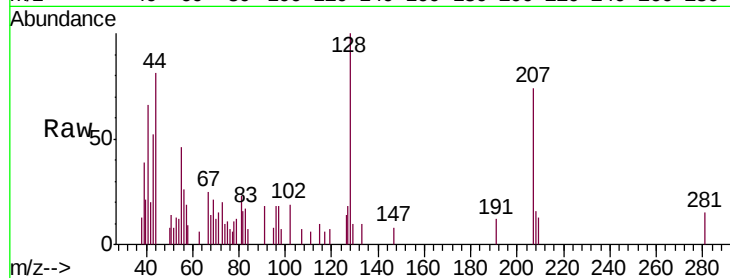




#95
Naphthalene
Concen: 10.481 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW005889.D
Acq: 08 Oct 2018 11:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 1678
Ion Ratio Lower Upper
128 100
127 15.6 10.5 15.7
129 15.1 8.9 13.3#



#96
1,2,3-Trichlorobenzene
Concen: 9.612 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW005889.D
Acq: 08 Oct 2018 11:49

Tgt Ion:180 Resp: 773
Ion Ratio Lower Upper
180 100
182 97.7 47.6 142.8
145 41.7 15.3 45.9

